Schumacher
IRRIGATION

2019

Nursery/Greenhouse Irrigation Products Catalog



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CLAIMS

Claims for shortages, defective or damaged goods must be made within five (5) days from receipt of shipment.

Damages occurring "in transit" are the responsibility of the freight company and should be noted on the bill of lading when the shipment is received. Submit a claim directly to the carrier as soon as possible.

RETURNS AND CANCELLATIONS

Merchandise may be returned only at the option of SCHUMACHER IRRIGATION, INC. Merchandise authorized for return

1) must be returned freight prepaid,
2) must be in new re-saleable condition, and
3) is subject to a 15% restocking charge
4) custom-built fittings cannot be returned, unless approved by a Schumacher representative

Credit will be issued to your account when the items are received back at our office.

Orders may be cancelled at the option of SCHUMACHER IRRIGATION, INC. If the request is received prior to shipment. **Nonstandard/Custom-built** items may not be cancelled without substantial penalty after material is "in process of manufacture."

GUARANTEE

All products are guaranteed against defect due to faulty workmanship or material. This guarantee is void when merchandise is used for purposes other than that for which it was designed or if improper pressures are maintained.

Always Open...
SchumacherIrrigation.com
Your Irrigation Superstore

LIABILITY

SCHUMACHER IRRIGATION, INC. is not responsible for delays and losses beyond our control or for losses or damages due to application of equipment for uses other than that for which it is designed or for operation under pressures not recommended. Suitability of the merchandise for the job for which it is sold is the sole responsibility of the buyer regardless of advise or recommendations by the seller. SCHUMACHER IRRIGATION, INC. assumes no responsibility for system design or for any damages or losses due to lack of minimum water requirements for crops being irrigated with SCHUMACHER IRRIGATION, INC. equipment.

1-800-246-3685 or 1-402-246-3685

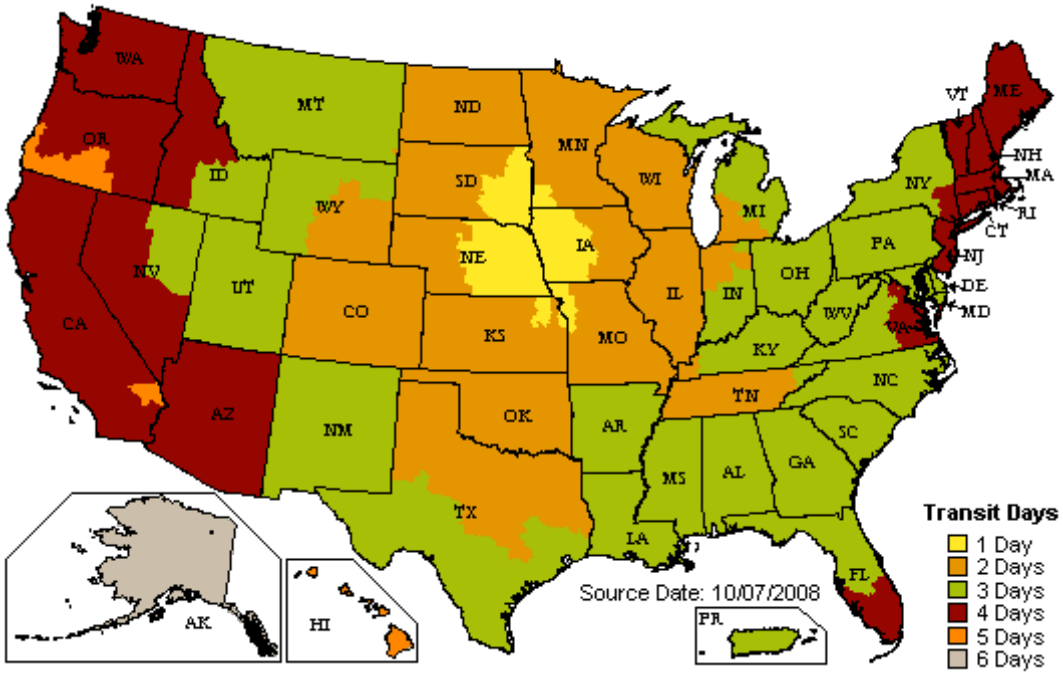
BILLING AND LATE CHARGES

All payments are due on the 10th of the following month from the date of the invoice. Account statements are sent at the end of each month. After 30 days the principal is subject to an annual finance charge of 18%.

FREIGHT

-All prices are F.O.B. Platte Center, Nebraska.
-Standard items are usually shipped the same day the order is received.
-Shipments via UPS, Speedee, and FedEx are shipped prepaid and the freight charge is added to your order.
-Shipments via common carrier are shipped freight collect.
-Freight charges on pipe delivered by our driver: $3.00 per loaded mile.
-Deliveries by car / pickup without trailer are $1.00 per loaded mile.

Always Open...
SchumacherIrrigation.com
Your Irrigation Superstore



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irritec®

don't wait for rain™

Product Catalog and Price List

2019

The Seller, Irritec USA, and the Customer purchasing goods from Irritec USA, hereby agree to the following terms and conditions on the purchases being made by the Customer from Irritec USA.

Order Acceptance:
Irritec USA reserves the right to accept or reject any order. All orders are subject to credit approval. Customers are required to provide a completed credit application prior to establishing an open account.

Payment Terms:
All invoices are due 30 days from invoice date unless otherwise stated.

Late Charges:
Past due balances will be assessed a one percent (1%) monthly finance charge.

Account Status:
All orders are subject to credit review by Irritec USA. Shipment may be held until account is current.

Freight Terms:
A 2% freight allowance will be paid on fittings and accessories on shipments over $1,500. A 3% freight allowance will be credited against fittings and accessories shipment over $3,000 for freight costs within the United States. No freight allowance is applied to extruded products which includes, polyethylene tubing, dripperline, tape and PE and Vinyl distribution tubing.

Prices:
All Irritec USA products are sold at prices in effect at the time of order acceptance. Prices are subject to change without notice.

Claims for Shortage:
All claims for shortage should be made to our Customer Service Department within 48 hours of receiving goods.

Returned Merchandise:
Irritec USA must issue a Returned Material Authorization before merchandise may be returned. Please provide our invoice number and billing date when requesting an RMA from Customer Service. A restocking fee of 15% may apply. No returns allowed on custom made products. Call for details. No credits will be issued on items returned without an RMA.

Design Changes:
Irritec USA reserves the right to redesign, alter, or modify its products at any time, without notice.

In any dispute between the parties hereto, the prevailing party shall be entitled to recover its reasonable attorney's fees and costs for the action, including all collection and appellate fees and costs. The venue for any dispute between the parties hereto shall be exclusively in Fresno, California and both parties hereto submit to personal jurisdiction and venue for any dispute between them in Fresno, California.

Irritec USA warrants to its trade customers that its products will be free from defects in material and workmanship, from the original date of purchase, for the warranty period stated below. Within the warranty period, Irritec USA at its sole discretion shall have the option to repair or replace part or all of a defective product, or refund part or the entire original purchase price. Defective products must be returned, freight prepaid, at Buyer's expense after such product return has been authorized by Irritec USA. Irritec USA does not warranty any labor, including but not limited to labor on installation or removal. Irritec USA shall not be responsible or liable for any loss of profit, lost savings, or loss of sales.

PRODUCT CATEGORIES:

- **Hose & Tape Fittings** 5 Years
- **Accessories** 5 Years
- **Plastic Valves** 5 Years
  - **Washers & Seals** 1 Year
- **Filters** 5 Years
  - **Screens, O-Rings & Seals** 1 Year
- **Polyethylene and Vinyl Distribution Tubing** 7 Years
- **P1 and Power Tape**
  - **5 mil** 6 Months
  - **6 or 8 mil** 1 Year
  - **10, 13 & 15 mil** 2 Years
- **Apex PC Dripline** 7 Year Non-Prorated

Irritec USA will not be responsible for indirect, incidental, special, direct or consequential damages to any entity, person or property arising out of the use or inability to use the products or a breach of any warranty even if Irritec USA had been advised as to the possibility of those damages and/or claims. Misuse, neglect, alteration, improper installation, abuse, mishandling, accident, unauthorized repair, insect damage, rodent damage, mechanical damage, plugging and over pressurization and/or damage caused by any of them shall void this warranty.
Any technical advice or assistance furnished by Irritec USA with respect to the products covered by this warranty shall be furnished without charge and will be given and accepted at the Buyer's sole risk. Irritec USA shall not be responsible or liable for any damages or claims for or arising out of such advice.
The warranty stated above is in lieu of all other warranties, whether expressed or implied and all other warranties both express and implied including, without limitation, the warranty of merchantability and warranty of fitness for a particular purpose or use are hereby expressly disclaimed. The remedies provided herein shall be the exclusive and sole remedy of the Buyer. No other express or implied warranty is given and no affirmation by Irritec USA, by words or action, will constitute a further warranty.
The express warranty provided herein is effective only if claim is made by written notice to Irritec USA within the applicable warranty period and only if the buyer has returned the product to Irritec USA at Buyer's cost for inspection.
Irritec USA is not liable for damage or loss occurring during shipment and Buyer bears all such risk. All goods are sold free on board (FOB) Irritec USA's loading dock. Responsibility for any damage or loss to the shipment shall pass to Buyer FOB Irritec USA's loading dock. Claims for such damages must be filed with the freight carrier and/or the Buyer's insurance carrier.

We're more than just fittings.

Apex PC Dripline



irritec TAPE™

Premium Drip Tape



We make a variety of drip tubing and drip tape!

Pg. 61 — Blank Hose
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Pg. 64 — Apex - Heavy wall PC dripperline
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Perma-Loc Hose Fittings



Hose Fittings

PERMA-LOC HOSE FITTINGS SELECTION CHART

Nominal Size	Series Number	Acceptable Inside Diameter		Acceptable Wall Thickness	
		Inches	Millimeters	Inches	Millimeters
16 mm	500	0.510 to 0.580	12.9 to 14.7	0.035 to 0.055	0.89 to 1.40
17 mm	550	0.540 to 0.620	13.7 to 15.7	0.045 to 0.060	1.14 to 1.50
18 mm	600	0.590 to 0.630	15.0 to 16.0	0.025 to 0.050	0.64 to 1.27
20 mm	700	0.685 to 0.740	17.4 to 18.9	0.040 to 0.055	1.00 to 1.40
3/4"	800	0.790 to 0.845	20.0 to 21.5	0.045 to 0.065	1.14 to 1.65
1"	1000	1.025 to 1.085	26.0 to 27.6	0.045 to 0.065	1.65 to 1.91

Now Available 17mm



HOSE COUPLING

(PERMA-LOC X PERMA-LOC)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-HC500	500	100	800	42 lbs.	**0.82** ●
A1-HC550	550	100	600	40 lbs.	**0.91** ●
A1-HC600	600	100	600	38 lbs.	**0.84** ●
A1-HC700	700	50	500	37 lbs.	**1.16** ●
A1-HC800	800	50	400	39 lbs.	**2.38** ●
A1-HC1000	1000	25	250	37 lbs.	**2.73** ●



SWIVEL TEES

(PERMA-LOC X PERMA-LOC X 3/4" FEMALE HOSE SWIVEL)

Catalog #	series	bag quantity	box quantity	weight box	list price washer	list price screen
A1-HT55S	500	50	400	29 lbs.	**2.24** ●	**2.54** ●
A1-HT550S	550	50	350	29 lbs.	**2.57** ●	**2.93** ○
A1-HT66S	600	50	350	29 lbs.	**2.28** ●	**2.59** ●
A1-HT77S	700	50	300	29 lbs.	**2.58** ●	**2.89** ●
A1-HT88S	800	40	240	30 lbs.	**5.18** ●	**5.35** ●
A1-HT11S	1000	-	80	35 lbs.	**7.31** ●	**7.67** ●

* Swivels are supplied standard with Washer.
Add an S to the end of the catalog number for a Screen.



SWIVEL ADAPTER

(PERMA-LOC X 3/4" FEMALE HOSE SWIVEL)

Catalog #	series	bag quantity	box quantity	weight box	list price washer	list price screen
A1-H5S	500	100	700	37 lbs.	**1.39** ●	**1.71** ●
A1-H550S	550	100	700	38 lbs.	**1.53** ●	**1.81** ○
A1-H6S	600	100	700	39 lbs.	**1.42** ●	**1.74** ●
A1-H7S	700	100	600	37 lbs.	**1.56** ●	**1.88** ●
A1-H8S	800	100	500	37 lbs.	**2.93** ●	**3.16** ●
A1-H1S	1000	-	250	44 lbs.	**5.19** ●	**5.45** ○

* Swivels are supplied standard with Washer.
Add an S to the end of the catalog number for a Screen.



HOSE BY LAYFLAT

(PERMA-LOC X LAYFLAT)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-H5LF	500	100	800	37 lbs.	**1.79** ●
A1-H6LF	600	100	900	41 lbs.	**1.92** ●
A1-H7LF	700	50	800	41 lbs.	**2.10** ●

* Use Layflat Cutter B5-CLF14B, Orange
* Use Hex Tool B5-AHW8 for H5LF & ALL Tear Drop's
* Use Hex Tool B5-AHW10 for H6LF & H7LF



3/4" MALE HOSE ADAPTER

(PERMA-LOC X MALE HOSE THREAD)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-H5HT	500	100	1000	41 lbs.	**0.74** ●
A1-H550HT	550	100	900	36 lbs.	**0.85** ●
A1-H6HT	600	100	900	36 lbs.	**0.77** ●
A1-H7HT	700	100	700	36 lbs.	**0.80** ●
A1-H8HT	800	100	600	37 lbs.	**1.56** ●
A1-H1HT	1000	50	300	30 lbs.	**1.93** ●



1/2" MALE ADAPTER

(PERMA-LOC X 1/2" MALE PIPE THREAD)

Catalog #	series	internal hex	external hex	bag quantity	box quantity	weight box	list price
A1-H5TH50	500	8mm	28mm	100	1000	37 lbs.	**0.71** ●
A1-H550TH50	550	10mm	32mm	100	900	37 lbs.	**0.82** ○
A1-H6TH50	600	10mm	32mm	100	900	37 lbs.	**0.71** ●
A1-H7TH50	700	12mm	-	100	800	37 lbs.	**0.78** ●

*Internal Hex and External Socket ready for cordless drill installation

3/4" MALE ADAPTER

(PERMA-LOC X 3/4" MALE PIPE THREAD)



Catalog #	series	internal hex	external hex	bag quantity	box quantity	weight box	list price
A1-H5TH75	500	8mm	28mm	150	1000	38 lbs.	**0.76** ●
A1-H550TH75	550	10mm	32mm	100	1000	40 lbs.	**0.88** ○
A1-H6TH75	600	10mm	32mm	100	1000	43 lbs.	**0.76** ●
A1-H7TH75	700	12mm	-	100	700	34 lbs.	**0.84** ●
A1-H8TH75	800	-	-	100	600	36 lbs.	**1.50** ●

*Internal Hex and External Socket ready for cordless drill installation

1" MALE ADAPTER

(PERMA-LOC X 1" MALE PIPE THREAD)



Catalog #	series	bag quantity	box quantity	weight box	list price
A1-H1TH10	1000	100	300	30 lbs.	**1.96** ●

TEE

(PERMA-LOC X PERMA-LOC X PERMA-LOC)



Catalog #	series	bag quantity	box quantity	weight box	list price
A1-HT555	500	50	450	33 lbs.	**2.09** ●
A1-HT550	550	50	350	37 lbs.	**2.20** ●
A1-HT666	600	50	350	38 lbs.	**2.09** ●
A1-HT777	700	25	300	33 lbs.	**2.30** ●
A1-HT888	800	25	200	30 lbs.	**5.76** ●
A1-HT111	1000	10	60	35 lbs.	**7.26** ●

Note: A1-HT111 is a glued part.

SWIVEL ELBOW ADAPTER

(PERMA-LOC X 3/4" FEMALE HOSE SWIVEL)



Catalog #	series	bag quantity	box quantity	weight box	list price washer	list price screen
A1-HE5S	500	100	700	34 lbs.	**1.66** ●	**1.97** ○
A1-HE550S	550	50	600	32 lbs.	**1.76** ○	**2.16** ○
A1-HE6S	600	50	600	32 lbs.	**1.66** ●	**1.97** ●
A1-HE7S	700	50	500	31 lbs.	**1.88** ●	**2.19** ●
A1-HE8S	800	50	400	31 lbs.	**3.69** ●	**4.02** ○

* Swivels are supplied standard with Washer.
Add an S to the end of the catalog number for a Screen.

ELBOW

(PERMA-LOC X PERMA-LOC)



Catalog #	series	bag quantity	box quantity	weight box	list price
A1-HE55	500	100	700	35 lbs.	**1.66** ●
A1-HE550	550	50	550	34 lbs.	**1.74** ●
A1-HE66	600	50	550	34 lbs.	**1.66** ●
A1-HE77	700	50	500	37 lbs.	**1.85** ●
A1-HE88	800	50	300	31 lbs.	**4.02** ●
A1-HE11	1000	20	250	-	**5.36** ●

Note: A1-HE11 is a glued part.

HOSE X THREADED END CAP

(PERMA-LOC X 3/4" MALE HOSE THREAD WITH CAP)



Catalog #	series	bag quantity	box quantity	weight box	list price
A1-H5CAP	500	100	800	45 lbs.	**1.12** ●
A1-H550CAP	550	100	600	37 lbs.	**1.29** ●
A1-H6CAP	600	100	600	37 lbs.	**1.12** ●
A1-H7CAP	700	100	600	-	**1.24** ●
A1-H8CAP	800	50	500	39 lbs.	**2.34** ●
A1-H1CAP	1000	50	450	-	**2.60** ●

HOSE X LOW PRESSURE AUTOMATIC FLUSH VALVE

(PERMA-LOC X MHT WITH AUTOMATIC FLUSH VALVE)



Catalog #	series	bag quantity	box quantity	weight box	list price
A2-H5FVL	500	100	500	-	**2.49** ○
A2-H550FVL	550	100	500	33 lbs.	**2.64** ○
A2-H6FVL	600	100	500	33 lbs.	**2.49** ●
A2-H7FVL	700	100	500	-	**2.60** ●
A2-H8FVL	800	100	400	-	**2.76** ○
A2-H10FVL	1000	50	300	-	**3.06** ○

Note: See page 9 for valve details.
* White plunger

HOSE X HIGH PRESSURE AUTOMATIC FLUSH VALVE

(PERMA-LOC X MHT WITH AUTOMATIC FLUSH VALVE)



Catalog #	series	bag quantity	box quantity	weight box	list price
A2-H5FVH	500	100	500	-	**2.49** ○
A2-H550FVH	550	100	500	33 lbs.	**2.64** ○
A2-H6FVH	600	100	500	-	**2.49** ●
A2-H7FVH	700	100	500	-	**2.60** ○
A2-H8FVH	800	100	400	-	**2.76** ○
A2-H10FVH	1000	50	300	-	**3.06** ○

Note: See page 9 for valve details.
* Orange plunger



4-WAY CROSS

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-HX600	600x600x600x600	25	200	25 lbs.	3.52
A1-HX600P1/2	600x600x600x1/2" Socket	25	300	-	3.49



HOSE REDUCING COUPLINGS

(PERMA-LOC X PERMA-LOC)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-HRC65	600x500	50	600	-	1.58
A1-HRC75	700x500	50	600	-	1.58
A1-HRC76	700x600	-	-	-	2.19
A1-HRC85	800x500	50	600	-	2.63
A1-HRC86	800x600	-	-	-	2.67
A1-HRC87	800x700	-	-	-	2.71
A1-HRC105	1000x500	-	-	-	2.84
A1-HRC106	1000x600	-	-	-	2.84
A1-HRC107	1000x700	-	-	-	2.88
A1-HRC108	1000x800	-	-	-	3.00



SWIVEL ADAPTER WITH SCHRADER VALVE

(PERMA-LOC X 3/4" FEMALE HOSE SWIVEL)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-HPV5S	500	100	700	-	5.80
A1-HPV6S	600	100	700	-	5.80
A1-HPV7S	700	100	600	-	6.27
A1-HPV8S	800	100	500	-	7.25



SWIVEL TEES WITH SCHRADER VALVE

(PERMA-LOC X PERMA-LOC X 3/4" FEMALE HOSE SWIVEL)

Catalog #	series	bag quantity	box quantity	weight box	list price washer	list price screen
A1-HTS55S	500	50	250	-	7.06	7.30
A1-HTS66S	600	50	250	-	7.06	7.30
A1-HTS77S	700	50	250	-	7.54	7.80
A1-HTS88S	800	50	250	-	8.60	8.76

* Swivels are supplied standard with Washer.
Add an S to the end of the catalog number for a Screen.



HOSE BY 400 BARB

(PERMA-LOC X 400 SERIES BARB)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-H5B400	500	100	1,200	41 lbs.	0.82
A1-H550B400	550	100	1,000	40 lbs.	0.95
A1-H6B400	600	100	1,000	40 lbs.	0.82
A1-H7B400	700	100	800	-	1.69



3/4" MALE HOSE THREAD ADAPTER TEE

(PERMA-LOC X PERMA-LOC X MALE HOSE THREAD)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-HT55HT	500	50	500	32 lbs.	1.93
A1-HT550HT	550	50	450	31 lbs.	2.22
A1-HT66HT	600	50	400	30 lbs.	1.93
A1-HT77HT	700	50	300	26 lbs.	2.06
A1-HT88HT	800	50	250	29 lbs.	2.90



HOSE X HOSE REDUCING TEE

(PERMA-LOC X PERMA-LOC X PERMA-LOC TEE)
Specialty Combinations

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-HT117	1000x1000x700	-	-	-	7.26
A1-HT118	1000x1000x800	-	-	-	7.26
A1-HT556	500x500x600	-	-	-	2.76
A1-HT557	500x500x700	-	-	-	2.78
A1-HT558	500x500x800	-	-	-	2.83
A1-HT665	600x600x500	-	-	-	2.83
A1-HT667	600x600x700	-	-	-	2.83
A1-HT668	600x600x800	-	-	-	2.83
A1-HT775	700x700x500	-	-	-	3.03
A1-HT776	700x700x600	-	-	-	3.03
A1-HT778	700x700x800	-	-	-	3.03
A1-HT885	800x800x500	-	-	-	5.83
A1-HT886	800x800x600	-	-	-	5.83
A1-HT887	800x800x700	-	-	-	5.83

* The above items are not available as an off-the-shelf item.
Assembly is required. This may result in a delay in shipping.



HOSE BY 250 BARB

(PERMA-LOC X 250 SERIES BARB)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-H5B250	500	100	800	-	1.46
A1-H550B250	550	100	800	-	1.68
A1-H6B250	600	100	800	-	1.46
A1-H7B250	700	50	800	-	1.69



HOSE BY 700 BARB

(PERMA-LOC X 700 SERIES BARB)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-H5B700	500	50	800	-	1.72
A1-H550B700	550	50	700	-	1.98
A1-H6B700	600	50	700	37 lbs.	1.72
A1-H7B700	700	50	700	-	1.78
A1-H8B700	800	50	700	-	2.28
A1-H10B700	1000	50	300	-	2.68



1/2” SOCKET / 3/4" SPIGOT HOSE ADAPTER TEE

(PERMA-LOC X PERMA-LOC X SOCKET/SPIGOT ADAPTER)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-HT55P1/2	500 x 1/2”	50	500	34 lbs.	**2.53**
A1-HT550P1/2	550 x 1/2”	50	400	31 lbs.	**2.91**
A1-HT66P1/2	600 x 1/2”	50	300	25 lbs.	**2.53**
A1-HT77P1/2	700 x 1/2”	25	300	30 lbs.	**2.60**



1" SOCKET/ 1 1/4" SPIGOT ADAPTER TEE

(PERMA-LOC X PERMA-LOC X SOCKET/SPIGOT ADAPTER)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-HT88P10	800 x 1"	25	200	31 lbs.	**6.18**



1/2” SPIGOT HOSE ADAPTER

(PERMA-LOC X ½” SPIGOT ADAPTER)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-H5P	500	100	1,000	34 lbs.	**1.06**
A1-H550P	550	100	1,000	36 lbs.	**1.17**
A1-H6P	600	100	1,000	38 lbs.	**1.06**
A1-H7P	700	100	900	-	**1.14**



1/2” SOCKET / 3/4” SPIGOT HOSE ADAPTER

(PERMA-LOC X SOCKET/SPIGOT ADAPTER)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-H5P1/2	500	100	1,000	39 lbs.	**1.06**
A1-H550P1/2	550	100	1,000	41 lbs.	**1.17**
A1-H6P1/2	600	100	1,000	43 lbs.	**1.06**
A1-H7P1/2	700	100	800	38 lbs.	**1.14**
A1-H8P1/2	800	100	600	36 lbs.	**1.53**



HOSE TEE X AUTOMATIC LOW PRESSURE FLUSH VALVE

(PERMA-LOC X PERMA-LOC X LOW PRESSURE FLUSH VALVE)

Catalog #	series	bag quantity	box quantity	weight box	list price
A2-HT55FVL	500x500	50	300	-	**2.93**
A2-HT66FVL	600x600	50	300	-	**2.93**
A2-HT77FVL	700x700	50	300	-	**3.08**

* Also available in high flow. Replace L with H in catalog for correct part number
Note: See page 9 for valve details.



SOCKET ADAPTER TEE

PERMA-LOC X PERMA-LOC X SOCKET

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-HT11P3/4	1000 x 3/4"	-	-	-	**6.88**
A1-HT11P10	1000 x 1"	-	-	-	**6.88**

Parts are glued.



3/4” SOCKET / 1” SPIGOT HOSE ADAPTER TEE

(PERMA-LOC X PERMA-LOC X SOCKET/SPIGOT ADAPTER)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-HT55P3/4	500 x 3/4"	50	350	28 lbs.	**2.53**
A1-HT550P3/4	550 x 3/4”	50	300	28 lbs.	**2.91**
A1-HT66P3/4	600 x 3/4"	50	300	28 lbs.	**2.53**
A1-HT77P3/4	700 x 3/4"	25	275	30 lbs.	**2.60**
A1-HT88P3/4	800 x 3/4"	25	225	33 lbs.	**6.13**



3/4” SOCKET / 1” SPIGOT HOSE ADAPTER

(PERMA-LOC X SOCKET/SPIGOT ADAPTER)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-H8P3/4	800	100	500	35 lbs.	**1.61**
A1-H10P3/4	1000	50	300	35 lbs.	**1.85**



1" SOCKET/ 1 1/4" SPIGOT HOSE ADAPTER

(PERMA-LOC X SOCKET/SPIGOT ADAPTER)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-H10P10	1000	25	300	40 lbs.	**1.96**



NPT SWIVEL ADAPTER

(PERMA-LOC X 3/4” NPT SWIVEL)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-H5SFPT	500	100	700	1.5 lbs	**1.85**
A1-H6SFPT	600	100	700	1.5 lbs	**1.85**
A1-H7SFPT	700	100	600	1.75 lbs	**2.12**

* Swivels are supplied standard with washer. Add an S to the end or the catalog number for a screen



HOSE BY BARBED ADAPTER TEE

(PERMA-LOC X PERMA-LOC X BARBED ADAPTER)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-HT55B400	500x500x400B	50	400	-	**2.75**
A1-HT55B700	500x500x700B	50	400	-	**2.75**
A1-HT550B400	550x550x400B	50	300	-	**3.16**
A1-HT550B700	550x550x700B	50	400	31 lbs.	**3.16**
A1-HT66B400	600x600x400B	50	400	31 lbs.	**2.75**
A1-HT66B700	600x600x700B	50	300	-	**2.75**
A1-HT77B400	700x700x400B	25	300	-	**3.00**
A1-HT77B700	700x700x700B	25	300	-	**3.00**



THREADED TAKE OFF

(PERMA-LOC X MALE PIPE THREAD ADAPTER)
INTERNAL HEX AND EXTERNAL SOCKET READY

Catalog #	series	internal hex	external hex	bag quantity	box quantity	weight box	list price
A1-H5TH50	500 x 1/2" MPT	8mm	28mm	100	1,000	-	0.71
A1-H5TH75	500 x 3/4" MPT	8mm	28mm	100	1,000	-	0.76
A1-H6TH50	600 x 1/2" MPT	10mm	32mm	100	900	-	0.71
A1-H6TH75	600 x 3/4" MPT	10mm	32mm	100	900	-	0.76
A1-H7TH50	700 x 1/2" MPT	12mm	-	100	800	-	0.78
A1-H7TH75	700 x 3/4" MPT	12mm	-	100	700	-	0.84

8mm use B5-AHW8, 10mm use B5-AHW10, 12mm use B5-AHW12.
For mining application/cordless drill installation.



1/2" MPT THREADED TAKE OFF HOSE TEE

(PERMA-LOC X PERMA-LOC X MALE PIPE THREAD)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-HT55TH50	500	50	500	-	1.93
A1-HT66TH50	600	50	400	-	1.93
AT-HT77TH50	700	50	300	-	2.06

*For built in grommet layflat
Note: Molded stop on threads



1/2" MPT THREADED PLUG

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-PLUGTH50	1/2"	100	3000	-	0.32



1/2" MPT THREADED TAKE OFF HOSE ELBOW

(PERMA-LOC X MALE PIPE THREAD)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-HE5TH50	500	100	700	-	1.66
A1-HE6TH50	600	50	600	-	1.66
A1-HE7TH50	700	50	500	-	1.85

*For built in grommet layflat
Note: Molded stop on threads



32MM SOCKET

Catalog #	series	bag quantity	box quantity	weight box	list price
B5-SOCKET32	32mm	1	-	-	-



THREADED HOSE "Y"

(PERMA-LOC X PERMA-LOC X MALE PIPE THREAD)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-HY55TH50	500 x 500 x 1/2"	50	250	-	2.65
A1-HY55TH75	500 x 500 x 3/4"	50	250	-	2.65
A1-HY66TH50	600 x 600 x 1/2"	50	250	-	3.01
A1-HY66TH75	600 x 600 x 3/4"	50	250	-	3.01



SWIVEL HOSE "Y"

(PERMA-LOC X PERMA-LOC X 3/4"
FEMALE HOSE SWIVEL

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-HYS55	500	50	250	-	-
A1-HYS66	600	50	250	-	-
A1-HYS77	700	50	250	-	-



INSERT COUPLINGS



Catalog #	series	bag quantity	box quantity	weight box	list price
A1-BC16	16mm	100	4,200	38 lbs.	**0.36** ●
A1-BC17	17mm (Brown)	100	3,600	34 lbs.	**0.36** ●
A1-BC18	18mm	100	3,000	40 lbs.	**0.48** ●
A1-BC20	20mm (.690" ID)	100	2,000	37 lbs.	**0.58** ●

INSERT TEES



Catalog #	series	bag quantity	box quantity	weight box	list price
A1-BT16	16mm	100	2,000	38 lbs.	**0.45** ●
A1-BT17	17mm (Brown)	100	1,900	33 lbs.	**0.45** ●

INSERT ELBOWS



Catalog #	series	bag quantity	box quantity	weight box	list price
A1-BE16	16mm	100	3,000	44 lbs.	**0.45** ●
A1-BE17	17mm (Brown)	100	2,900	39 lbs.	**0.45** ●

INSERT X MALE PIPE THREAD ADAPTERS



Catalog #	series	bag quantity	box quantity	weight box	list price
A1-B16TH50	16mm x 1/2"	100	3,000	45 lbs.	**0.52** ●
A1-B16TH75	16mm x 3/4"	100	2,000	42 lbs.	**0.55** ●
A1-B17TH50	17mm x 1/2" (Brown)	100	3,000	44 lbs.	**0.52** ●
A1-B17TH75	17mm x 3/4" (Brown)	100	2,000	41 lbs.	**0.56** ●

INSERT COUPLING WITH LOCKING RING (GREEN)



Catalog #	series	bag quantity	box quantity	weight box	list price
A1-BC16R	16mm	100	3,600	46 lbs.	**0.61** ●
A1-BC20R	20mm	100	2,000	42 lbs.	**0.69** ●

TAKEOFF SERIES 425 BARB WITH GROMMET FOR PVC X INSERT



Catalog #	series	bag quantity	box quantity	weight box	list price
A1-B16TOG	16mm x 425B	100	3,000	-	**0.85** ●
A1-B17TOG	17mm x 425B (Brown)	500	2,500	-	**0.87** ●
A1-B20TOG	20mm x 425B	100	2,500	-	**0.96** ●

Note: Drill bit B5-ABIT16 on Page 25.

SWIVEL HOSE THREAD X INSERT ADAPTERS



Catalog #	series	bag quantity	box quantity	weight box	list price washer	list price screen
A1-B18S	18mm	100	1,000	32 lbs.	**1.66**	**1.87** ●
A1-B20S	20mm	100	1,000	32 lbs.	**2.28**	**2.49** ●

* Swivels are supplied standard with Washer.
Add an S to the end of the catalog number for a Screen.

INSERT X 700 SERIES BARB



Catalog #	series	bag quantity	box quantity	weight box	list price
*A1-B16B700	16mm	500	2,500	-	**1.00** ●
A1-B18B700	18mm	500	2,500	-	**1.23** ●
A1-B20B700	20mm (.690"-.720" ID Hose)	500	2,500	-	**1.27** ●

* Coming Soon.



1/4” X 1/8” BARBED COUPLING FITS .160”/.170” I.D. TO .125” I.D. TUBING

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-B170C125	1/4” x 1/8”	500	12,000	14 lbs.	**0.16** ●



250 BARBED COUPLING FITS .250” TO .270” I.D. TUBING

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-BC250	250	500	8,000	-	**0.23** ●



1/4" BARBED COUPLING (SELF PIERCING) FITS .160" TO .170" I.D. TUBING

Catalog #	series	bag quantity	box quantity	weight box	list price
C1-BS170SP	1/4”	100	15,000	14 lbs.	**0.14** ●



1/4" BARBED TEE (SELF PIERCING) FITS .160" TO .170" I.D. TUBING

Catalog #	series	bag quantity	box quantity	weight box	list price
C1-BTS170	1/4”	100	3,000	-	**0.18** ●



10-32 THREAD X THREAD FITS .160” TO .170” I.D. TUBING

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-TH170	10-32	500	25,000	-	**0.18** ●



DRIP ADAPTER FOR RISERS

Catalog #	series	bag quantity	box quantity	weight box	list price
C5-TH50BE170	1/2” X .170”	100	300	-	**1.00** ●
C5-TH50BT170	1/2” X .170”	100	300	-	**1.12** ●



1/4” BARBED COUPLING FITS .160” TO .170” I.D. TUBING

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-BC170	1/4”	500	10,000	13 lbs.	**0.13** ●



3/16" BARBED COUPLING Fits .125" I.D. Tubing (1/8" Tubing)

Catalog #	series	bag quantity	box quantity	weight box	list price
C1-BC125	3/16”	500	10,000	-	**0.13** ●



1/4" BARBED COUPLING (LONG) FITS .160" TO .170" I.D. TUBING

Catalog #	series	bag quantity	box quantity	weight box	list price
C1-BC170L	1/4”	100	20,000	22 lbs.	**0.14** ●



1/4" BARBED ELBOW FITS .160" TO .170" I.D. TUBING

Catalog #	series	bag quantity	box quantity	weight box	list price
C1- BE170	1/4”	100	10,000	13 lbs.	**0.15** ●



400 SERIES BARBED COUPLING (POLYPROPYLENE)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-BC400	400x400	500	7000	37 lbs.	**0.37** ●

Note: Other PE and PVC insert barb fittings are available upon request. Call for application details.

Perma-Loc Hose Valves



Hose Valves



1/2" MALE ADAPTER VALVE

(1/2" MPT X PERMA-LOC HOSE WITH VALVE)

Catalog #	series	bag quantity	box quantity	weight box	list price
A2-HV5TH50	500	50	300	20 lbs.	**2.10** ●
A2-HV6TH50	600	50	250	17 lbs.	**2.10** ●



1/2" MALE ADAPTER VALVE

(1/2" MPT X PERMA-LOC HOSE WITH VALVE)
BLUE HANDLE

Catalog #	series	bag quantity	box quantity	weight box	list price
A2-HV7TH50B	700	50	500	-	**2.28** ●



3/4" MALE ADAPTER VALVE

(3/4" MPT X PERMA-LOC HOSE WITH VALVE)

Catalog #	series	bag quantity	box quantity	weight box	list price
A2-VHF7TH75-O	700	25	250	-	**5.45** ●
A2-VHF8TH75-O	800	25	250	-	**5.86** ●



3/4" MALE ADAPTER VALVE

(PERMA-LOC HOSE X 3/4" MPT WITH VALVE)

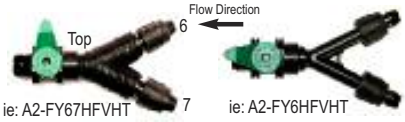
Catalog #	series	bag quantity	box quantity	weight box	list price
A2-VHF7TH75-I	700	25	250	-	**5.45** ●
A2-VHF8TH75-I	800	25	250	-	**5.86** ●



HIGH FLOW COUPLING VALVE

(BALL VALVE – PERMA-LOC X PERMA-LOC)

Catalog #	series	bag quantity	box quantity	weight box	list price
A2-VHF77	700	25	150	-	**5.15** ●
A2-VHF88	800	25	150	-	**5.15** ●
A2-VHF11	1000	25	150	-	**8.45** ●



DUAL LINE DRIP FLUSHING "Y"

Catalog #	series	bag quantity	box quantity	weight box	list price
A2-FY55HFVHT	500	10	100	-	**8.76** ●
A2-FY6HFVHT	600	10	100	-	**7.76** ●
A2-FY7HFVHT	700	10	100	-	**8.29** ●
A2-FY77HFVHT	700	10	100	-	**9.68** ●

* Additional combinations are available. Call for details.
* See picture for custom combinations.
* A2-FY6HFVHT NEW single molded body with glued valve.
* A2-FY7HFVHT NEW COMING SOON single molded body with glued

Time Saver



3/4" MALE ADAPTER VALVE

(3/4" MPT X PERMA-LOC WITH VALVE)

Catalog #	series	bag quantity	box quantity	weight box	list price
A2-HV5TH75	500	50	250	18 lbs.	**2.10** ●
A2-HV6TH75	600	50	250	19 lbs.	**2.10** ●



COUPLING VALVE

(BALL VALVE – PERMA-LOC X PERMA-LOC)

Catalog #	series	bag quantity	box quantity	weight box	list price
A2-HV55	500	50	500	-	**2.22** ●
A2-HV66	600	50	500	-	**2.22** ●



BARBED ADAPTER VALVE

(BALL VALVE – PERMA-LOC X 400 SERIES BARB)

Catalog #	series	bag quantity	box quantity	weight box	list price
A2-HV5B400	500	50	700	-	**2.10** ●
A2-HV6B400	600	50	350	-	**2.10** ●



PLASTIC SHUT-OFF VALVES

Catalog #	series	bag quantity	box quantity	weight box	list price
A2-VB12	3/8" x 3/8" (.375" ID)	50	500	19 lbs.	**1.91** ●
A2-VB16	16 mm x 16 mm (.520"ID)	50	400	16 lbs.	**1.95** ●
A2-VB18	18 mm x 18 mm (.620" ID)	50	400	17 lbs.	**2.01** ●
A2-VB20	20 mm x 20 mm (.690"ID)	50	350	17 lbs.	**2.03** ●



ie: A2-SY67HFVP3/4

Time Saver

STARTER "Y" VALVE

Catalog #	series	bag quantity	box quantity	weight box	list price
A2-SY55HFVP3/4	500	10	100	-	**8.76** ●
A2-SY66HFVP3/4	600	10	100	-	**8.76** ●
A2-SY77HFVP3/4	700	10	100	-	**9.68** ●

* Additional combinations are available. Call for details.
* See picture for custom combinations



HOSE FLUSHING VALVES (STANDARD PORT)

Catalog #	series	bag quantity	box quantity	weight box	list price
A2-HV5P1/2-I	500	50	400	-	3.40
A2-HV6P1/2-I	600	50	400	-	3.40
A2-HV7P1/2-I	700	50	300	-	3.97

Note: Also available with short handle valve.



HOSE FLUSHING VALVES (HIGH FLOW VALVE)

Catalog #	series	bag quantity	box quantity	weight box	list price
A2-VHF7P3/4-I	700	50	200	-	4.65
A2-VHF8P3/4-I	800	50	200	-	5.23
A2-VHF10P3/4-I	1000	50	200	-	7.26

Thread & Solvent Weld Valves



3/4" FEMALE THREAD AUTOMATIC FLUSH VALVE

Catalog #	series	bag quantity	box quantity	weight box	list price
A2-FVFHTL	3/4" Hose Low Flow	100	700	16 lbs.	1.22
A2-FVFHTH	3/4" Hose High Flow	100	700	16 lbs.	1.22
A2-FVFPTL	3/4" Pipe Low Flow	100	700	16 lbs.	1.22
A2-FVFPTH	3/4" Pipe High Flow	100	700	16 lbs.	1.22

Note: Low Pressure Model (White)-Flow.66 gpm to close with opening pressure .87 psi. High Pressure Model (Orange)- Flow .9 gpm to close with opening pressure 1.3 psi.



SOCKET/ SPIGOT SHUT-OFF VALVE (ABS)

(SOCKET/SPIGOT X SOCKET/SPIGOT X VALVE)

Catalog #	series	bag quantity	box quantity	weight box	list price
A2-VP50P50	1/2" x 1/2"	50	300	19 lbs.	2.41
A2-VP50P50SH	1/2" x 1/2"	50	300	-	2.41

* Call for custom hose and tape fitting combinations available.
When ordering this valve with a hose or tape fitting factory installed add an "I" for inlet side or "O" for outlet side.



3/4" x 3/4" MINI BALL VALVES

Catalog #	series	bag quantity	box quantity	weight box	list price
A2-VHT75	FHT x MHT	100	300	21 lbs.	1.94
A2-VHT75Y	FHT x MHT (Yellow Handle)	100	300	21 lbs.	1.99
A2-VNPT75	FPT x MPT (Blue Handle)	100	300	21 lbs.	1.94
A2-VHT75GH	Green House Ball Valve FHT x MHT (Handle Turns Away From MHT - Orange Handle)	100	300	21 lbs.	1.94
A2-VHT75SH	FHT x MHT (Short Handle)	100	300	20 lbs.	1.94
A2-VNPT75SH	FPT x MPT (Black Short Handle)	100	400	26 lbs.	1.94

See below for friction loss information.



HIGH FLOW VALVE

Catalog #	series	bag quantity	box quantity	weight box	list price
A2-VHFSHT	FHS x MHT	50	250	-	6.70
A2-VHFP3/4HT75	3/4" Socket/1" Spigot x MHT	50	250	-	4.38
A2-VHFP3/4P3/4	3/4" Socket/1" Spigot x 3/4" Socket/1" Spigot	50	250	-	4.38
A2-VHFSP3/4	FHS x 3/4" Socket/ 1" Spigot	50	250	-	5.10

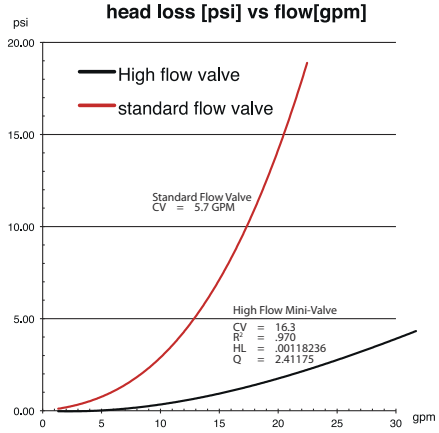
Note: Additional variations can be made from base valve. Call for details and pricing.



3/4" FHS X 3/4" MHT BALL VALVE

Catalog #	series	bag quantity	box quantity	weight box	list price
A2-FHS75SH	FHS x MHT	100	-	-	2.47

Miniball valves head loss [psi] vs flow[gpm]



Tape Valves




TAPE LAYFLAT VALVE

Catalog #	series	bag quantity	box quantity	weight box	list price
A2-TV5LF	5/8"	50	200	16 lbs.	**2.58** ●
A2-TV7LF19-O	7/8"	50	200	-	**5.01** ●

* For A2-TV5LF Use Layflat Cutter B5-CLF14B, Orange
* For A2-TV7LF19-O Use Layflat Cutter B5-CLF19R, Blue




BARB X TAPE SHUT-OFF VALVE

Catalog #	series	bag quantity	box quantity	weight box	list price
A2-TV5B250	5/8" x 250 Series Barb (.250 ID Hose)	50	350	19 lbs.	**2.22** ●
A2-TV5B400	5/8" x 400 Series Barb (.375 ID Hose)	50	350	19 lbs.	**2.22** ●
A2-TV5B420	5/8" x 420 Series Barb	50	350	19 lbs.	**2.30** ●



TAPE SHUT-OFF VALVE

TAPE x VALVE x TAPE

Catalog #	series	zzbag quantity	box quantity	weight box	list price
A2-TV55	5/8"	50	250	18 lbs.	**2.22** ●
A2-TV77	7/8"	50	150	15 lbs.	**2.44** ●
A2-TV99	1"	25	175	-	**5.56** ●



SOCKET/SPIGOT X TAPE SHUT-OFF VALVES

Catalog #	series	bag quantity	box quantity	weight box	list price
A2-TV5P1/2-O	1/2"/3/4" X 5/8"	50	400	-	**2.73** ●
A2-TV7P1/2-O	1/2"/3/4" X 7/8"	50	300	15 lbs.	**3.12** ●
A2-TV9P1/2-O	1/2"/3/4" X 1"	50	300	-	**3.40** ●

Various hose and tape fittings combinations are available. Call for details.



MALE PIPE THREAD X TAPE SHUT OFF VALVE

(MIPT x VALVE x TAPE)

Catalog #	series	bag quantity	box quantity	weight box	list price
A2-TV5TH50	5/8" x 1/2 MPT	50	300	19 lbs.	**2.10** ●
A2-TV5TH75	5/8" x 3/4 MPT	50	250	16 lbs.	**2.10** ●



TAPE FLUSHING VALVES

Catalog #	series	bag quantity	box quantity	weight box	list price
A2-TV5P1/2-I	5/8" X 1/2"/3/4"	50	400	-	**2.73** ●
A2-TV7P1/2-I	7/8" x 1/2" / 3/4"	50	300	15 lbs.	**3.12** ●
A2-TV9P1/2-I	1" x 1/2" / 3/4"	50	300	-	**3.40** ●

* Valve is Unidirectional
* Call for Speciality Valve Pricing



HIGH FLOW TAPE FLUSHING VALVES

Catalog #	series	bag quantity	box quantity	weight box	list price
A2-TV7P3/4-I	7/8" x 3/4"/1"	25	225	-	**4.53** ●
A2-TV9P3/4-I	1" x 3/4"/1"	25	225	-	**4.74** ●
A2-TV11P3/4-I	1-1/8" x 3/4"/1"	20	140	-	**6.10** ●
A2-TV13P3/4-I	1-3/8" x 3/4"/1"	20	140	-	**6.64** ●

* Valve is unidirectional. Call for specialty valve pricing.



SHORT HANDLE TAPE FLUSHING VALVE

Catalog #	series	bag quantity	box quantity	weight box	list price
A2-TV5P1/2SH-I	5/8" X 1/2"/3/4"	50	300	-	**2.73** ●
A2-TV7P1/2SH-I	7/8" x 1/2" / 3/4"	50	300	15 lbs.	**3.12** ●
A2-TV9P1/2SH-I	1" x 1/2" / 3/4"	50	300	-	**3.40** ●

* Valve is Unidirectional
* Call for Speciality Valve Pricing



SOCKET / SPIGOT X TAPE HIGH FLOW SHUT-OFF VALVES

Catalog #	series	bag quantity	box quantity	weight box	list price
A2-TV9P3/4-O	3/4"/1" x 1"	25	225	-	**4.74** ●
A2-TV11P3/4-O	3/4"/1" x 1-1/8"	20	140	-	**6.10** ●
A2-TV13P3/4-O	3/4"/1" x 1-3/8"	20	140	-	**6.64** ●

* Various hose and tape fitting combinations are available. Call for details.

Perma-Loc Tape Fittings



Tape Fittings

PERMA-LOC TAPE FITTINGS SELECTION CHART			
Nominal Size	Series Number	Acceptable Inside Diameter Inches	Acceptable Wall Thickness Inches thousands
5/8"	500 - T5	0.625 - 0.645	4mil - 30mil
7/8"	700 - T7	0.860 - 0.885	4mil - 24mil
1"	900 - T9	0.980 - 0.100	6mil - 24mil
1 1/8"	1100 - T11	1.125 - 1.450	8mil - 24mil
1 3/8"	1300 - T13	1.275 - 1.500	10mil - 24mil



TAPE COUPLINGS

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-TC500*	5/8"	100	800	32 lbs.	**0.52** ●
A1-TC700*	7/8"	50	400	31 lbs.	**1.06** ●
A1-TC900	1"	50	400	30 lbs.	**2.10** ●
A1-TC1100	1 1/8"	25	200	32 lbs.	**2.77** ●
A1-TC1300	1 3/8"	25	150	32 lbs.	**4.43** ●

* Comes standard with green locking nuts.



TWO STEP LAYFLAT CONNECTORS

(TAPE X LAYFLAT)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-T5LF2	5/8"	50	700	35 lbs.	**1.98** ●

*Use B5-CLF14B, Orange *Use Hex Tool B5-AHW10



LAYFLAT CONNECTOR X 3/4" SOCKET / 1" SPIGOT ADAPTER

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-P3/4LF19	N/A	50	600	-	**1.93** ●

*Use B5-CLF19R, Blue * Use Hex Tool B5-AHW12



LAYFLAT CONNECTOR X THREADED ADAPTER

LAYFLAT X FEMALE 1/2" THREAD /3/4" MALE PIPE THREAD

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-TH50LF	N/A	50	1000	30 lbs.	**1.27** ●

* use B5-CLF14B, Orange * Use Hex Tool B5-AHW10



Coming Soon

LAYFLAT CONNECTOR X FEMALE SWIVEL ADAPTER

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-FHSLF	N/A	50	1000	-	**2.40** ●



1/2" MPT THREADED PLUG

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-PLUGTH50	1/2"	100	3000	-	**0.32** ●



STANDARD HOLE LAYFLAT CONNECTORS

(TAPE X 14 MM LAYFLAT)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-T5LF	5/8"	50	700	29 lbs.	**0.93** ●
A1-T7LF	7/8"	50	700	41 lbs.	**1.36** ●

* Use B5-CLF14B, Orange
* Use Hex Tool B5-AHW10



LARGE HOLE LAYFLAT CONNECTORS

(TAPE X 19 MM LAYFLAT)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-T7LF19	7/8"	50	450	16 lbs.	**1.71** ●
A1-T9LF19*	1"	25	300	33 lbs.	**3.61** ●
A1-T11LF19*	1 1/8"	25	300	33 lbs.	**3.71** ●

* Use B5-CLF19R, Blue
* Use Hex Tool B5-AHW12
* Glued fitting



TAPE X 250 SERIES BARB

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-T5B250	5/8"	100	1,000	33 lbs.	**0.56** ●

*Head Loss Curve on inside of back cover



TAPE END CLOSURES

Catalog #	series	bag quantity	box quantity	weight box	list price
C5-T5EC	5/8"	100	1,500	28 lbs.	**0.23** ●



Newly Released 19 MM Version

LAYFLAT PLUGS

(LAY FLAT X PLUG)

Catalog #	series	bag quantity	box quantity	weight box	list price
A5-PLUG14	14 MM	50	700	18 lbs.	**1.15** ●
A5-PLUG19	19 MM	100	1000	-	**1.55** ●

* Plugs hole cut by B5-CLF14B, Orange
* Plugs hole cut by B5-CLF19R, Blue



TAPE X 400 SERIES

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-T5B400	5/8" (w/ Green Nut)	100	1,400	38 lbs.	**0.46** ●
A1-T5B400A*	5/8"	100	1,400	38 lbs.	**0.46** ●
A1-T7B400*	7/8"	100	-	-	**1.77** ●

*Head Loss Curve on inside of back cover
*Comes standard with green locking nuts



TAPE X 700 SERIES BARB

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-T5B700	5/8"	100	1,000	-	**1.44** ●
A1-T7B700	7/8"	50	600	31 lbs.	**1.21** ●
A1-T9B700	1"	50	400	35 lbs.	**1.92** ●
A1-T11B700	1 1/8"	50	300	-	**3.74** ●

*Head Loss Curve on inside back cover



TAPE X FEMALE HOSE SWIVEL

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-T5SWW	5/8" w/ Washer	100	700	33 lbs.	**1.81** ●
A1-T5SWS	5/8" w/ Screen	100	700	35 lbs.	**2.14** ●
A1-T7SWW	7/8" w/ Washer	50	700	-	**2.93** ●



ADJUSTABLE SLIP FITTING X TAPE ADAPTER

(.520/.620 HOSE)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-T7TOP500	7/8"	50	500	-	**2.67** ●
A1-T9TOP500	1"	50	500	-	**2.67** ●

*Adjustable Slip Tube Assemblies on page 20.



TAPE X MALE HOSE THREAD ADAPTER

(TAPE X 3/4 MALE HOSE THREAD)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-T5HT	5/8"	100	900	33 lbs.	**0.77** ●
A1-T7HT	7/8"	50	600	36 lbs.	**1.28** ●
A1-T9HT	1"	50	500	15 lbs.	**1.52** ●



TAPE X MALE PIPE THREAD ADAPTER

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-T5TH50	5/8" x 1/2" NPT for mining applications	100	1,000	-	**0.88** ●
A1-T5TH75	5/8" x 3/4" NPT	100	900	34 lbs.	**0.96** ●
A1-T7TH75	7/8" x 3/4" NPT	50	600	35 lbs.	**1.28** ●
A1-T9TH75	1" x 3/4" NPT	50	500	-	**1.50** ●
A1-T11TH75	1 1/8" x 3/4" NPT	25	300	-	**2.21** ●
A1-T13TH10	1 3/8" x 1" NPT	25	200	-	**3.01** ●

Note: A1-T5TH50 works with a 1 1/8" deep well socket for cordless drill installation. Call for details.



TAPE X THREADED END CAP

(TAPE X 3/4" MALE HOSE ADAPTER WITH THREADED END CAP)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-T5CAP	5/8"	50	700	32 lbs.	**1.25** ●
A1-T7CAP	7/8"	50	600	-	**1.67** ●
A1-T9CAP	1"	50	500	-	**1.92** ●



1/2" MPT THREADED TAKE OFF TAPE TEE

(TAPE X TAPE X 1/2 MALE PIPE THREAD)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-TT55TH50	5/8"	50	400	-	**2.08** ●
A1-TT77TH50	7/8"	50	400	-	**3.90** ●

*For built in grommet layflat
Note: Molded stop on threads



TAPE SWIVEL TEE

(TAPE X TAPE X FEMALE HOSE SWIVEL)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-TT55SWW	5/8" x 5/8" x 3/4" w/ Washer	50	400	28 lbs.	**2.86** ●
A1-TT55SWS	5/8" x 5/8" x 3/4" w/ Screen	50	400	28 lbs.	**3.17** ●
A1-TT77SWW	7/8" x 7/8" x 3/4" w/ Washer	25	125	-	**4.11** ●
A1-TT77SWS	7/8" x 7/8" x 3/4" w/ Screen	25	125	-	**4.42** ●
A1-TT99SWW	1" x 1" x 3/4" w/ Washer	40	240	-	**5.04** ●
A1-TT99SWS	1" x 1" x 3/4" w/ Screen	40	240	-	**5.20** ●

*Also available with pressure check valve. Call for details.



1/2" MPT THREADED TAKE OFF TAPE ELBOW

(TAPE X 1/2 MALE PIPE THREAD)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-TE5TH50	5/8"	50	500	-	**1.87** ●
A1-TE7TH50	7/8"	50	500	-	**2.38** ●

*For built in grommet layflat
Note: Molded stop on threads



TAPE X SPIGOT ADAPTER

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-T5P	5/8" x 1/2"	100	900	-	**1.01** ●



5/8" TAPE X COMPRESSION ADAPTERS

(TAPE X COMPRESSION ADAPTER)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-T5C400	5/8" x 400 CA	100	1,000	-	**1.39** ○
A1-T5C600	5/8" x 600 CA	100	1,000	-	**1.39** ○
A1-T5C700	5/8" x 700 CA	100	1,000	-	**1.39** ○
A1-T5C710	5/8" x 710 CA	100	1,000	-	**1.39** ○



1" TAPE X COMPRESSION ADAPTERS

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-T9C710	1" x 710 CA	50	600	-	**2.30** ○
A1-T9C800	1" x 800 CA	50	600	-	**2.30** ○



TAPE ELBOW

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-TE55	5/8"	50	600	29 lbs.	**2.09** ●



TAPE X LOW FLOW THREADED AUTOMATIC FLUSH VALVE

Catalog #	series	bag quantity	box quantity	weight box	list price
A2-T5FVL	5/8"	50	600	38 lbs.	**2.12** ●
A2-T7FVL	7/8"	50	600	-	**2.55** ○
A2-T9FVL	1"	50	600	-	**2.83** ○



TAPE X HIGH FLOW THREADED AUTOMATIC FLUSH VALVE

Catalog #	series	bag quantity	box quantity	weight box	list price
A2-T5FVH	5/8"	50	700	-	**2.12** ○
A2-T7FVH	7/8"	50	600	-	**2.55** ○
A2-T9FVH	1"	-	-	-	**2.82** ○

Note: See page 9 for valve details.



TAPE SOCKET/ SPIGOT ADAPTER

(TAPE X SOCKET / SPIGOT PVC)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-T5P1/2	5/8" x 1/2" / 3/4"	100	900	44 lbs.	**1.01** ●
A1-T7P1/2	7/8" x 1/2" / 3/4"	50	600	46 lbs.	**1.28** ●
A1-T7P3/4	7/8" x 3/4" / 1"	50	500	-	**1.33** ●
A1-T7P10	7/8" x 1" / 1 1/4"	50	300	18 lbs.	**1.60** ○
A1-T9P1/2	1" x 1/2" / 3/4"	100	500	-	**1.52** ○
A1-T9P3/4	1" x 3/4" / 1"	100	500	36 lbs.	**1.59** ●
A1-T11P3/4	1 1/8" x 3/4"/1"	100	300	35 lbs.	**2.03** ●
A1-T11P10	1 1/8" x 1" x 1 1/4"	100	300	-	**2.47** ○
A1-T13P10	1 3/8" x 1" / 1 1/4"	25	200	40 lbs.	**2.89** ●



7/8" TAPE X COMPRESSION ADAPTERS

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-T7C600	7/8" x 600 CA	50	700	-	**2.07** ○
A1-T7C710	7/8" x 710 CA	50	700	-	**2.07** ○
A1-T7C900	7/8" x 900 CA	50	700	-	**2.07** ○



TAPE INSERT ELBOW

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-TE5B16	5/8" x 16 mm	50	300	16 lbs.	**1.87** ○
A1-TE7B18	7/8" x 18 mm	50	200	-	**2.38** ○
A1-TE7B20	7/8" x 20 mm (.720" ID Hose)	50	200	-	**2.40** ○



TAPE TO POLY ADAPTER

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-T5B16	5/8" x 16 mm Insert (.520" ID Hose)	100	1,000	-	**0.50** ●
A1-T5B18	5/8" x 18 mm Insert (.620" ID Hose)	100	1,000	-	**1.18** ○
A1-T5B20	5/8" x 20 mm Insert (.690 ID Hose)	100	1,000	-	**1.55** ○
A1-T7B16	7/8" x 16 mm Insert (.520" ID Hose)	100	600	15 lbs.	**1.11** ●
A1-T7B18	7/8" x 18 mm Insert (.620" ID Hose)	100	700	19 lbs.	**1.63** ○
A1-T7B20	7/8" x 20 mm Insert (.690" ID Hose)	100	700	20 lbs.	**1.66** ○
A1-T9B20	1" x 20 mm Insert (.690" ID Hose)	50	350	-	**2.11** ○
A1-T11B20	1 1/8" x 20 mm Insert (.690" ID Hose)	100	300	-	**2.18** ○



TAPE TEE

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-TT555	5/8"	50	400	29 lbs.	**2.29** ●
A1-TT777	7/8"	50	400	-	**4.90** ○



45 DEGREE TAPE TO POLY HOSE ADAPTERS

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-45TE5H5	5/8" X 500	25	350	-	**3.35**
A1-45TE5H7	5/8" X 700	25	350	-	**3.71**
A1-45TE7H5	7/8" X 500	25	300	-	**3.91**
A1-45TE7H7	7/8" X 700	25	300	-	**4.13**
A1-45TE9H8	1" X 800	25	300	-	**4.55**
A1-45TE11H8	1 1/8" X 800	25	250	-	**6.16**

Other combinations are available - Call for details.
Not an off the shelf item. Assembly is required. May result in a delay in shipping.



TAPE X HOSE ADAPTER

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-T5H5	5/8" x 500	100	700	-	**1.45**
A1-T5H6	5/8" x 600	100	700	-	**1.60**
A1-T7H5	7/8" x 500	50	400	-	**1.85**
A1-T7H6	7/8" x 600	50	400	-	**1.85**
A1-T7H7	7/8" x 700	50	300	-	**2.06**
A1-T7H8	7/8" x 800	50	300	-	**2.12**
A1-T7H10	7/8" x 1000	50	300	-	**2.76**
A1-T9H6	1" x 600	50	300	-	**2.58**
A1-T9H7	1" x 700	50	300	-	**2.67**
A1-T9H8	1" x 800	50	300	-	**2.87**
A1-T11H8	1 1/8" x 800	50	300	-	**3.14**
A1-T13H8	1 3/8" x 800	50	300	-	**3.01**
A1-T13H10	1 3/8" x 1000	50	300	-	**3.16**



TAPE X 425 BARB WITH GROMMET FOR PVC

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-T5TOG	5/8"	50	800	35 lbs.	**1.52**



5/8" TAPE X BARBED ADAPTER TEE

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-TT55B250	5/8"x5/8"x250B	50	400	-	**2.31**
A1-TT55B400	5/8"x5/8"x400B	50	400	-	**2.31**
A1-TT55B700	5/8"x5/8"x700B	50	400	-	**2.47**



TAPE "Y"

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-TY555	5/8"	50	400	-	**6.08**
A1-TY777	7/8"	50	400	-	**7.94**



TAPE TO POLY HOSE ADAPTER ELBOWS

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-TE5H5	5/8" X 500	50	350	-	**2.58**
A1-TE5H6	5/8" X 600	50	350	-	**2.58**
A1-TE5H7	5/8" X 700	50	350	-	**2.78**
A1-TE7H5	7/8" X 500	50	350	-	**2.70**
A1-TE7H6	7/8" X 600	50	350	-	**2.70**
A1-TE7H7	7/8" X 700	50	300	-	**2.90**
A1-TE9H8	1" X 800	50	300	-	**4.57**
A1-TE11H8	1 1/8" X 800	50	300	-	**5.56**

Other combinations are available - Call for details.
Not an off the shelf item. Assembly is required. May result in a delay in shipping.



TAPE X SOCKET/SPIGOT ELBOWS

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-TE7P1/2	7/8" x 1/2"/3/4"	50	500	-	**1.80**
A1-TE7P3/4	7/8" x 3/4"/1"	50	450	-	**1.84**



TAPE X HOSE ADAPTER TEE WITH COMPRESSION ADAPTERS

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-TT55C400	5/8"x5/8"x400 CA	-	-	-	**2.18**
A1-TT55C600	5/8"x5/8"x600 CA	-	-	-	**2.18**
A1-TT55C700	5/8"x5/8"x700 CA	-	-	-	**2.18**
A1-TT55C710	5/8"x5/8"x710 CA	-	-	-	**2.18**



TAPE GLUE-IN ADAPTER TEE

(TAPE X TAPE X SOCKET/ SPIGOT TEE ABS)

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-TT55P1/2	5/8" x 5/8" x ½" Socket/ ¾" Spigot	50	400	27 lbs.	**3.91**
A1-TT77P3/4	7/8" x 7/8" x 3/4" Socket/1" Spigot	50	400	-	**3.63**



400 BARB X 5/8" TAPE TUBE ASSEMBLY
(PE-.375" x .455")

Catalog #	length	bag quantity	box quantity	weight box	list price
A3-T5B400CL12	12"	-	-	-	**1.36**
A3-T5B400CL18	18"	-	-	-	**1.43**
A3-T5B400CL24	24"	-	-	-	**1.53**



700 BARB X 7/8" TAPE TUBE ASSEMBLY
(PE-.620" x .710")

Catalog #	length	bag quantity	box quantity	weight box	list price
A3-T7B700CL18	18"	-	-	-	**3.97**
A3-T7B700CL24	24"	-	-	-	**4.07**
A3-T7B700CL36	36"	-	-	-	**4.22**
A3-T7B700CL42	42"	-	-	-	**4.48**

NOTE: Tape Starter Assemblies are also available for 1", 1 1/8" and 1 3/8" Tape. Call for details and pricing.

Perma-Loc Fittings I Perma-Loc Tape Fittings - Tape Tube Starter Assemblies



TAPE STARTER CONNECTOR TUBES 400 SERIES WITH 400 BARB
(PE-.375 x .455)

Catalog #	length	bag quantity	box quantity	weight box	list price
A3-375x455B12	12"	-	-	-	**0.59**
A3-375x455B18	18"	-	-	-	**0.62**
A3-375x455B24	24"	-	-	-	**0.65**



TAPE STARTER CONNECTOR TUBES 400 SERIES
(PE-.375 x .455)

Catalog #	length	bag quantity	box quantity	weight box	list price
BL-375X455CL12	12"	-	-	-	**Call**
BL-375X455CL18	18"	-	-	-	**For**
BL-375X455CL24	24"	-	-	-	**Pricing**

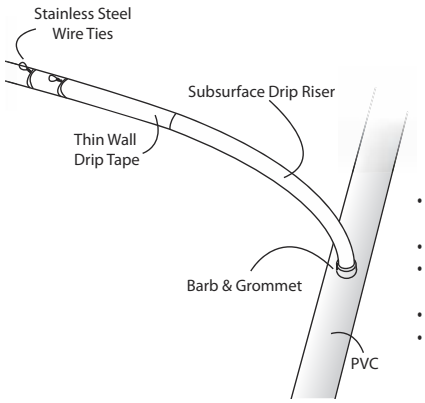
* Some Start Connector Assemblies are not available as off-the-shelf items. Assembly is required. This may result in a delay in shipping.



ADJUSTABLE SLIP FITTING X TUBE ASSEMBLY
(.520 X .620 HOSE)

Catalog #	series	bag quantity	box quantity	weight box	list price
A3-T7TOP500CL24	7/8" Tape x 24" Tube	-	100	-	**4.53**





- Flexible heavy wall polyethylene riser
- Virtually kink proof
- Excellent material for stainless steel wire ties
- Labor & time saver
- Less expensive than IPS

SUBSURFACE DRIP RISER ASSEMBLIES 700 BARB X TUBE

Catalog #	tape size	length	list price
A3-SDRT7B700CL36	7/8" (.875 I.D.)	36"	
A3-SDRT7B700CL38	7/8" (.875 I.D.)	38"	
A3-SDRT7B700CL40	7/8" (.875 I.D.)	40"	**Call For Pricing**
A3-SDRT9B700CL36	1" (.990 I.D.)	36"	
A3-SDRT9B700CL40	1" (.990 I.D.)	40"	

*Additional lengths available

SUBSURFACE DRIP RISER

Catalog #	tape size	length	list price
BL-SDRT7CL36	7/8" (.875 I.D.)	36"	
BL-SDRT7CL38	7/8" (.875 I.D.)	38"	
BL-SDRT7CL40	7/8" (.875 I.D.)	40"	**Call For Pricing**
BL-SDRT9CL36	1" (.990 I.D.)	36"	
BL-SDRT9CL40	1" (.990 I.D.)	40"	

*Additional lengths available



INSERT X 700 SERIES BARB

Catalog #	series	riser	bag quantity	box quantity	list price
A1-B18B700	18mm	7/8"	500	2,500	**1.23**
A1-B20B700	20mm	1"	500	2,500	**1.27**



GROMMET

Catalog #	series	bag quantity	box quantity	list price
A1-AGRO700	700	500	2,000	**0.71**



DRILL BIT

Catalog #	hole size	grommet	bag quantity	list price
B5-SBIT19	19MM/3/4"	A1-AGRO700	1	**79.39**



GALVANIZED WIRE TIES

Catalog #	length	bag quantity	box quantity	list price
B5-WT18GG06	6"	2,500	-	**53.56**
B5-WT18GG08	8"	2,500	-	**65.34**



Accessories





BARB X 1/2" SPIGOT ADAPTERS

Catalog #	series	bag quantity	box quantity	weight box	list price
C5-B250P	250	100	2,000	19 lbs.	**0.59**
C5-B400P	400	100	1,500	17 lbs.	**0.64**
C5-B700P	700	100	1,000	14 lbs.	**0.71**



BARB X SOCKET/SPIGOT ADAPTERS

Catalog #	series	bag quantity	box quantity	weight box	list price
C5-B250P1/2	250 x 1/2" / 3/4"	100	-	-	**0.59**
C5-B400P1/2	400 x 1/2" / 3/4"	100	-	-	**0.64**
C5-B400P3/4	400 x 3/4" / 1"	100	-	-	**1.14**
C5-B700P1/2	700 x 1/2" / 3/4"	100	-	-	**0.71**
C5-B700P3/4	700 x 3/4" / 1"	100	-	-	**1.27**
A1-B825P3/4	825 x 3/4" x1"	200	600	-	**1.40**



3/4" MALE HOSE THREAD X SOCKET/SPIGOT ADAPTER FITTINGS (BLACK PVC)

Catalog #	series	bag quantity	box quantity	weight box	list price
A5-MHS1/2	1/2" / 3/4"	100	900	16 lbs.	**0.82**
A5-MHS3/4	3/4" / 1"	100	600	23 lbs.	**0.95**
A5-MHS1	1" / 1 1/4"	50	400	24 lbs.	**1.27**



SHORT MALE HOSE THREAD X SOCKET/SPIGOT ADAPTER FITTINGS (BLACK PVC)

Catalog #	series	bag quantity	box quantity	weight box	list price
C5-MHSS1/2	1/2" / 3/4"	-	500	11 lbs.	**0.82**
C5-MHSS3/4	3/4" / 1"	-	500	16 lbs.	**0.95**



3/4" MALE HOSE THREAD X 3/4" FEMALE HOSE SWIVEL

Catalog #	series	bag quantity	box quantity	weight box	list price
C5-MSS3/4	3/4" x 3/4"	-	100	27 lbs.	**1.84**



TOP HAT GROMMETS FOR BARB

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-AGRO	400 / 420	100	5,000	29 lbs.	**0.43**
A1-AGRO17	425	500	6,000	45 lbs.	**0.47**
A1-AGRO700	700	500	2,000	-	**0.71**
A1-AGRO825	825	200	2,400	-	**0.78**

400 Series Barb requires a 9/16" hole.
420 Series Barb requires a 16mm or 5/8" hole (use A1-AGRO).
425 Series Barb requires a 17mm or 11/16" hole (use A1-AGRO17).
700 Series Barb requires a 3/4" hole. Minimum 1 1/2" PVC pipe diameter.
825 Series Barb requires a 15/16" hole. Minimum 3" PVC pipe diameter.



825 BARB AND GROMMET COMBINATION

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-B825TOG	825 X 3/4" / 1"	100	-	-	**2.18**

Note: Drill bit B5-SBIT25 page 34



400 BARB X COMPRESSION ADAPTERS
(SPECIAL ORDER ONLY)

Catalog #	series	bag quantity	box quantity	weight box	list price
C5-B400C400	400B x 400CA	100	-	-	**1.02**
C5-B400C600	400B x 600CA	100	-	-	**1.02**
C5-B400C700	400B x 700CA	100	-	-	**1.02**
C5-B400C710	400B x 710CA	100	-	-	**1.02**



700 BARB X COMPRESSION ADAPTERS
(SPECIAL ORDER ONLY)

Catalog #	series	bag quantity	box quantity	weight box	list price
C5-B700C600	700B x 600CA	100	-	-	**1.12**
C5-B700C700	700B x 700CA	100	-	-	**1.12**
C5-B700C710	700B x 710CA	100	-	-	**1.12**
C5-B700C800	700B x 800CA	100	-	-	**1.86**
C5-B700C900	700B x 900CA	100	-	-	**1.86**



SOCKET COUPLING (BLACK PVC)

Catalog #	series	bag quantity	box quantity	weight box	list price
C5-C50PVC	1/2"	-	100	4 lbs.	**0.63**
C5-C75PVC	3/4"	-	50	3 lbs.	**0.85**



3/4" 90 DEGREE STREET ELBOW (BLACK PVC)

Catalog #	series	bag quantity	box quantity	weight box	list price
C5-P3/4EPS3/4B	3/4" Socket x 3/4" Spigot	50	-	-	**1.83**



SLIP TEE (BLACK PVC)

Catalog #	series	bag quantity	box quantity	weight box	list price
C5-PVCT3/4B	3/4"	-	50	-	**1.07**



3/4" FEMALE HOSE SWIVEL X SOCKET / SPIGOT ADAPTER

Catalog #	series	bag quantity	box quantity	weight box	list price
C5-FHS1/2	1/2" / 3/4" with Washer	-	1,000	-	**1.71**
C5-FHS3/4	3/4" / 1" with Washer	-	800	34 lbs.	**1.84**



3/4" FEMALE HOSE SWIVEL X MALE HOSE THREAD

Catalog #	series	bag quantity	box quantity	weight box	list price
C5-EL3/4HT	3/4"	50	500	-	**3.65**

Note: This item is made to order. Delay in shipping may result. Call for details.



PVC SLIP ELBOW X MALE HOSE THREAD (BLACK PVC)

Catalog #	series	bag quantity	box quantity	weight box	list price
C5-SE1/2HT	1/2"	-	200	14 lbs.	**1.86**
C5-SE3/4HT	3/4"	-	200	16 lbs.	**2.05**



3/4" SOCKET X MALE HOSE THREAD X MALE HOSE THREAD TEE (BLACK PVC)

Catalog #	series	bag quantity	box quantity	weight box	list price
C5-P3/4HTHTB	3/4" Socket x MHT x MHT	50	350	-	**2.25**



3/4" SOCKET X 3/4" SPIGOT X MALE HOSE THREAD (BLACK PVC)

Catalog #	series	bag quantity	box quantity	weight box	list price
C5-P3/4S3/4HTB	3/4" Socket x 3/4" Spigot x MHT	50	350	-	**2.35**



3/4" SOCKET X 3/4" SPIGOT X 3/4" SPIGOT TEE (BLACK PVC)

Catalog #	series	bag quantity	box quantity	weight box	list price
C5-P3/4S3/4S3/4B	3/4" Socket x 3/4" Spigot x 3/4" Spigot	50	350	-	**2.35**



3/4" FEMALE HOSE SWIVEL X MALE HOSE THREAD TEE

Catalog #	series	bag quantity	box quantity	list price
A1-HTHTHS	3/4" x 3/4" x 3/4" with Washer	50	500	**1.36**
A1-HTHTHSS	3/4" x 3/4" x 3/4" with Screen	50	500	**1.74**
A1-HTPV75S	3/4" x 3/4" x 3/4" with Washer + Schrader Valve	50	350	**5.46**
A1-HTPV75SS	3/4" x 3/4" x 3/4" with Screen + Schrader Valve	50	350	**5.77**



SOCKET ELBOW, (BLACK PVC)

Catalog #	series	bag quantity	box quantity	weight box	list price
C5-PVCE3/4B	3/4"	-	50	5 lbs.	**0.75**

Accessories



3/4" SOCKET X SOCKET X SPIGOT "Y"

Catalog #	series	bag quantity	box quantity	weight box	list price
C5-YP3/4P3/4S3/4B	3/4" x 3/4" x 3/4"	50	500	-	**4.06**



3/4" RUN HOSE TEE

Catalog #	series	bag quantity	box quantity	weight box	list price
A5-RHTHTSB	FHS x HT x HT	25	250	-	**4.02**



3/4" SOCKET X 3/4" SOCKET X 3/4" MALE HOSE THREAD

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-YP3/4P3/4HT	3/4" Socket x 3/4" Socket x 3/4" MHT	50	500	-	**4.06**



3/4" SOCKET X 3/4" SOCKET X 3/4" FEMALE HOSE SWIVEL

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-YP3/4P3/4S	3/4" Socket x 3/4" Socket x 3/4" FHS	50	500	-	**4.72**

Bondable Saddles for PVC Pipe



BONDABLE SADDLES FOR PVC PIPE
PIPE SIZE X 1/2" SOCKET / 3/4" SPIGOT OUTLET

Catalog #	series	saddle color	box quantity	weight box	list price
C5-S1/2P1.5	1.5" x 1/2" / 3/4"	Black	500	35 lbs.	**1.03**
C5-S1/2P2	2" x 1/2" / 3/4"	White	500	35 lbs.	**1.03**
C5-S1/2P2.5	2.5" x 1/2" / 3/4"	Grey	500	33 lbs.	**1.03**
C5-S1/2P3	3" x 1/2" / 3/4"	Brown	500	35 lbs.	**1.03**
C5-S1/2P4	4" x 1/2" / 3/4"	Green	500	35 lbs.	**1.03**
C5-S1/2P5	5" x 1/2" / 3/4"	Red	500	37 lbs.	**1.03**
C5-S1/2P6	6" x 1/2" / 3/4"	Blue	500	33 lbs.	**1.03**
C5-S1/2P810	8" & 10" x 1/2" / 3/4"	Orange	500	34 lbs.	**1.03**
C5-S1/2P12	12" x 1/2"/3/4"	Beige	500	-	**1.03**

Note: Saddles in Bags of 50 are available. Add .05/ea to the list prices and add a "B" at the end of the part numbers.



BONDABLE SADDLES FOR PVC PIPE
PIPE SIZE X 3/4" SOCKET / 1" SPIGOT OUTLET

Catalog #	series	saddle color	box quantity	weight box	list price
C5-S3/4P1.5	1.5" x 3/4" / 1"	Black	450	-	**1.08**
C5-S3/4P2	2" x 3/4" / 1"	White	450	35 lbs.	**1.08**
C5-S3/4P2.5	2.5" x 3/4" / 1"	Grey	450	37 lbs.	**1.08**
C5-S3/4P3	3" x 3/4" / 1"	Brown	450	35 lbs.	**1.08**
C5-S3/4P4	4" x 3/4" / 1"	Green	450	35 lbs.	**1.08**
C5-S3/4P5	5" x 3/4" / 1"	Red	450	36 lbs.	**1.08**
C5-S3/4P6	6" x 3/4" / 1"	Blue	450	34 lbs.	**1.08**
C5-S3/4P810	8" & 10" x 3/4" / 1"	Orange	450	35 lbs.	**1.08**
C5-S3/4P12	12" x 3/4" / 1"	Beige	450	-	**1.08**

Note: Saddles in Bags of 50 are available. Add .05/ea to the list prices and add a "B" at the end of the part numbers.



BONDABLE SADDLES FOR PVC PIPE
PIPE SIZE X 1" SOCKET/ 1 1/4" SPIGOT OUTLET

Catalog #	series	saddle color	box quantity	weight box	list price
C5-S10P1.5	1.5" x 1"/1 1/4"	Black	350	-	**1.24**
C5-S10P2	2" x 1" / 1 1/4"	White	350	38 lbs.	**1.24**
C5-S10P2.5	2 1/2" x 1" / 1 1/4"	Grey	350	40 lbs.	**1.24**
C5-S10P3	3" x 1" / 1 1/4"	Brown	350	39 lbs.	**1.24**
C5-S10P4	4" x 1" / 1 1/4"	Green	350	37 lbs.	**1.24**
C5-S10P5	5" x 1" / 1 1/4"	Red	350	37 lbs.	**1.24**
C5-S10P6	6" x 1" / 1 1/4"	Blue	350	37 lbs.	**1.24**
C5-S10P810	8" & 10" x 1" / 1 1/4"	Orange	350	37 lbs.	**1.24**
C5-S10P12	12" x 1" / 1 1/4"	Beige	350	38 lbs.	**1.24**



SADDLE DRILL BIT

Catalog #	hole size	bag quantity	weight box	list price
B5-S10BIT	1"	1	-	**87.44**

Note: For best results, use the low speed setting on your drill. Using this bit at high speeds can result in irregular holes, pipe cracking, and premature bit wear.

IPS HOSE PAGE 62

Note: Saddles in Bags of 50 are available. Add .05/ea to the list prices and add a "B" at the end of the part numbers.
* When gluing bondable saddles to PVC pipe it is recommended to use heavy bodied glue such as IPS Weld on 719 or equivalent..
Note: PVC Saddles should not be subjected to high temperatures or extended direct sunlight until after they have been glued to pipe.
Note: Use a 15/16" or 1" drill bit to drill the pipe.
Note: Compression adapter factory installed into saddles is still available. Call for pricing.

SPEED RISER™ ASSEMBLIES

Join the Speed Riser™ revolution



If you are tired of trying to source Flex PVC or think there must be a better way to solve connection problems you should consider the Speed Riser™. It's reliable, durable, faster and most importantly in stock for immediate shipment.



ADAPTERS

Catalog #	description	list price
A1-SR25HT	Tube 25 x Male Hose Thread	1.90
A1-SR25P1/2	Tube 25 x 1/2" Socket / 3/4" Spigot	2.00
A1-SR25TH75	Tube 25 x 3/4" MPT	1.90
A1-SR25FPT75	Tube 25 x 3/4" FPT	1.90
A1-SR32P1/2	Tube 32 x 1/2" Socket / 3/4" Spigot	2.76
A1-SR32P3/4	Tube 32 x 3/4" Socket / 1" Spigot	2.80

NOW AVAILABLE



ELBOW AND TEE ADAPTERS

Catalog #	description	list price
A1-SR25EHT	Tube 25 x MHT Elbow	2.00
A1-SR25EP1/2	Tube 25 x 1/2" Socket / 3/4" Spigot Elbow	2.08
A1-SR25HTHT	Tube 25 x MHT x MHT Tee	2.73
A1-SR25EFPT75	Tube 25 x 3/4" FPT Elbow	2.00
A1-SR32HTHT	Tube 32 x MHT x MHT Tee	4.00

NOW AVAILABLE



SADDLE ADAPTERS

Catalog #	description	list price
A1-SR25SP2	Tube 25 x Saddle 2"	3.21
A1-SR25SP3	Tube 25 x Saddle 3"	3.21
A1-SR25SP4	Tube 25 x Saddle 4"	3.21
A1-SR25SP5	Tube 25 x Saddle 5"	3.21
A1-SR25SP6	Tube 25 x Saddle 6"	3.21
A1-SR25SP810	Tube 25 x Saddle 8/10"	3.21
A1-SR25SP12	Tube 25 x Saddle 12"	3.21



Drill Bits on Page 34

BARB ADAPTERS

Catalog #	description	list price
A1-SR25B700	Tube 25 x 700 Barb	2.52
A1-AGRO700	700 Top Hat Grommet	0.71
A1-SR25B825	Tube 25 x 825 Barb	3.46
A1-AGRO825	825 Top Hat Grommet	0.78



HOSE TEES

Catalog #	description	list price
A1-SR25HT55	Tube 25 x Series 500 Tee	5.82
A1-SR25HT66	Tube 25 x Series 600 Tee	5.82
A1-SR25HT77	Tube 25 x Series 700 Tee	6.13
A1-SR25HT88	Tube 25 x Series 800 Tee	7.47
A1-SR25HT11	Tube 25 x Series 1000 Tee	8.13



TAPE ADAPTERS

Catalog #	description	list price
A1-SR25T5	Tube 25 x Tape 5/8"	3.23
A1-SR25T7	Tube 25 x Tape 7/8"	3.44
A1-SR25T9	Tube 25 x Tape 1"	3.69



SPEED RISER™ VALVE COMBINATIONS

Catalog #	description	list price
A2-VHFSR25EHT	Tub 25 Elbow x HT High Flow Valve	6.65
A2-SR25VHFHT75	Tube 25 Straight x HT High Flow Valve	6.57
A2-SR32VHFHT75	Tube 32 Straight x HT High Flow Valve	7.11



SPEED RISER CUT LENGTHS

Catalog #	description	list price
BL-SR25PECL24M	24" Tube 25	1.70
BL-SR25PECL30M	30" Tube 25	2.12
BL-SR25PECL36M	36" Tube 25	2.54
BL-SR25PECL48M	48" Tube 25	3.39
BL-SR25PECL60M	60" Tube 25	4.23
BL-SR25PECL72M	72" Tube 25	5.08
BL-SR25PECL96M	96" Tube 25	6.77
BL-SR25PECL120M	120" Tube 25	8.45
BL-SR25PECL168M	168" Tube 25	11.86
BL-SR32PECL36M	36" Tube 32	3.04
BL-SR32PECL48M	48" Tube 32	4.05
BL-SR32PECL96M	96" Tube 32	8.10

NOW AVAILABLE

NOTE: Tube ID is .750" to Tube 25 ID is .750"
Roughness Coefficient is 160. Speed Riser fittings do not obstruct flow.



HOSE ADAPTERS

Catalog #	description	list price
A1-SR25H5	Tube 25 x Hose 500 Series	3.16
A1-SR25H6	Tube 25 x Hose 600 Series	3.16
A1-SR25H7	Tube 25 x Hose 700 Series	3.52
A1-SR25H8	Tube 25 x Hose 800 Series	3.68
A1-SR25H1	Tube 25 x Hose 1000 Series	3.91



COUPLER

Catalog #	description	list price
A1-SRC25	Tube 25 Coupler	3.19
A1-SRC32	Tube 32 Coupler	3.79

NOW AVAILABLE



SPEED RISER, IPS AND HOSE CUTTER

Catalog #	description	box quantity	weight box	list price
B5-HCUT	PE Pipe Cutter	10	4 lbs.	15.20

NOTE: Cutter is designed to make a clean straight cut in Speed Riser Tube.



QUICK DROP SYSTEM FOR PIVOTS

Potential System Setups



Build your Quick Drop System for your Pivots using the following table. Pick one option from each column to build your part number.

Prefix		valve qty	place holder	tube length (in)	place holder	tube length (in)	fitting thread to connect to gooseneck
QD	-	0	V	0	X	0	F (female)
		1		36		36	M (male)
		2		48		48	B (barb)
				60		60	
				72		72	
				96		96	
				120		120	
				168		168	

*Note: Use list prices from page 19 & 20 for the applicable parts.

0 VALVE PART NUMBERS

Catalog #	list price
QD-0V36X0F	**6.33**
QD-0V48X0F	**7.18**
QD-0V60X0F	**8.02**
QD-0V72X0F	**8.87**
QD-0V96X0F	**10.56**
QD-0V120X0F	**12.26**
QD-0V168X0F	**15.65**

1 VALVE PART NUMBERS

Catalog #	list price
QD-1V36X0F	**17.66**
QD-1V48X0F	**18.51**
QD-1V60X0F	**19.35**
QD-1V72X0F	**20.20**
QD-1V96X0F	**21.89**
QD-1V120X0F	**23.59**
QD-1V168X0F	**26.98**

2 VALVE PART NUMBERS

Catalog #	list price
QD-2V36X48F	**36.17**
QD-2V36X60F	**37.02**
QD-2V36X72F	**37.86**
QD-2V36X96F	**39.55**
QD-2V48X48F	**37.02**
QD-2V48X60F	**37.86**
QD-2V48X72F	**38.71**

*Note: Quick Drops ship unassembled.
Additional combinations are available, call for details.

Single Valve Head Loss

Flow Rate (gpm)	Headloss (psi)
4.4	0.35
5.7	0.47
7.2	0.73
8.9	1.03
11.2	1.35
12.7	1.78
14.4	2.33
16.0	3.03
18.4	3.72
20.8	4.61
22.6	5.68
24.9	6.80
27.3	8.03
29.5	9.34
32.4	11.22
35.1	13.67
37.6	15.28
40.0	17.19
42.7	18.62

HL = 0.019450810000 Q^1.82181
R^2 = 0.996
CV = 9.3

Double Valve Head Loss

Flow Rate (gpm)	Headloss (psi)
3.2	0.65
4.6	1.24
6.2	2.09
8.1	3.23
10.1	4.57
11.5	6.24
13.5	8.32
15.8	10.55
17.7	13.33
19.2	16.04
20.8	19.18

HL = 0.079422510000 Q^1.78613
R^2 = 0.999
CV = 4.6



3/4" QUICK COUPLING VALVE

Catalog #	size	bag quantity	box quantity	weight box	list price
A2-QCV	3/4"	-	50	23 lbs.	**19.10**



KEYED RISER FOR QUICK COUPLING VALVE

FOR QUICK DROP SYSTEMS

Catalog #	size	bag quantity	box quantity	weight box	list price
A2-QCVK	3/4"	-	100	-	**7.53**



RISER FOR QUICK COUPLING VALVE

Catalog #	size	bag quantity	box quantity	weight box	list price
A2-QCVR	3/4"	-	100	-	**7.53**









FIGURE 8 END CLOSURE FOR NOMINAL OD TUBING (ECONOMY)

Catalog #	series	bag quantity	box quantity	weight box	list price
A5-A168	.620" (16mm)	200	2,400	-	**0.18**
A5-A188	.710" (18mm)	200	3,000	18lbs.	**0.23**
A5-A208	.810" (20mm)	200	1,600	24 lbs.	**0.29**



FIGURE 8 END CLOSURE FOR NOMINAL OD TUBING (HEAVY DUTY)

Catalog #	series	bag quantity	box quantity	weight box	list price
A5-A168H	.620" (16mm)	200	3,000	-	**CALL**
A5-A188H	.710" (18mm)	200	3,000	-	**FOR**
A5-A208H	.810" (20mm)	200	3,000	-	**PRICE**
A5-A758	.940" (3/4")	100	1,000	17 lbs.	**0.39**
A5-A108	1.20" (1")	100	1,000	26 lbs.	**0.82**



FIGURE 6 END CLOSURE FOR NOMINAL OD TUBING

Catalog #	series	bag quantity	box quantity	weight box	list price/ea
A5-A186	.710 (18mm)	100	2,000	-	**0.26**
A5-A206	.810 (20mm)	100	1,500	-	**0.32**



FIGURE OVAL END CLOSURE FOR NOMINAL OD TUBING

Catalog #	series	bag quantity	box quantity	weight box	list price/ea
A5-A160	.620 (16mm)	200	3,000	-	**-**
A5-A180	.710 (18mm)	200	3,000	-	**CALL**
A5-A200	.810 (20mm)	200	2,000	-	**FOR**
A5-A750	.940 (3/4")	100	1,000	-	**PRICE**
A5-A100	1.20 (1")	100	1,000	-	



FIX IT STICKS

Catalog #	bundle quantity	box quantity	weight box	list price/ea
D5-GFIS12B	250	2,500	-	**0.34**
D5-GFIS12	250	2,500	-	**0.23**



DUAL LINE DRIP CLIP

Catalog #	series	bag quantity	box quantity	weight box	list price/ea
C5-DLDC1820	18-20mm	1	2,500	-	**0.46**



DRIPLINE SUPPORT HOOKS

Catalog #	series	bag quantity	box quantity	weight box	list price
A5-A16H	16mm	500	6,000	26 lbs.	**0.13**
A5-A18H	18mm (Bulk)	-	5,500	37 lbs.	**0.11**
A5-A18HB	18mm (Bagged)	500	5,000	-	**0.12**
A5-A20H	20mm	200	2,800	19 lbs.	**0.14**
A5-A25H	3/4"	200	2,000	28 lbs.	**0.38**
A5-A32H	1"	100	1,000	-	**0.44**



DUAL SIZED GOOF PLUGS SINGLES

Catalog #	series	bag quantity	box quantity	weight box	list price/ea
A5-AGPDB	4mm .160 X 7mm .275 Singles	500	10,000	12 lbs.	**0.066**



DUAL SIZED GOOF PLUGS RACKED

Catalog #	series	bag quantity	box quantity	weight box	list price/ea
A5-AGPDR-100B	4mm .160 X 7mm .275 Racked	100	13,000	-	**0.08**
A5-AGPDR	4mm .160 X 7mm .275 Racked	500	13,000	12 lbs.	**0.046**



GOOF PLUGS

Catalog #	series	bag quantity	box quantity	weight box	list price
A5-AGP4	4mm .200", .240" (smaller size on dual goof plug)	500	15,000	13 lbs.	**0.072**
A5-AGP6	6mm .235"	500	15,000	16 lbs.	**0.072**
A5-AGP8	8mm .310", .362"	500	10,000	22 lbs.	**0.16**
A5-AGP10	10mm .388", .440" (Fits series 400 barb hole)	500	10,000	21 lbs.	**0.22**
A5-AGP12	12 mm Hole with Rubber	500	5,000		**0.32**
A5-AGP400	Plug for 400 Barb Hole	500	5,000		**0.32**

*400 Series Barbs with Top Hat grommet require a 9/16" hole.
** 420 Series Barbs with Top Hat grommet require a 16mm or 5/8" hole (use A1-AGRO).
*** 425 Series Barbs with Top Hat grommet require a 17mm or 11/16" hole (use A1-AGRO17).



GALVANIZED WIRE TIES

Catalog #	series	bag quantity	box quantity	weight box	list price/ea
B5-WT18GG06	6"	2,500	-	-	**53.56**
B5-WT18GG08	8"	2,500	-	-	**65.34**



PLASTIC HANDLE TIE TOOL

Catalog #	series	bag quantity	box quantity	weight box	list price/ea
B5-RBPTT	-	-	-	-	**8.29**



AUTOMATIC WIRE TIE TOOL

Catalog #	series	bag quantity	box quantity	weight box	list price/ea
B5-RBAWTT	-	-	-	-	**49.55**



3/4” HOSE THREAD CAP WITH WASHER

Catalog #	series	bag quantity	box quantity	weight box	list price
A1-CAP	3/4”	100	2,100	36 lbs.	**0.47**



3/4” HOSE SCREEN (30 MESH)

Catalog #	series	bag quantity	box quantity	weight box	list price
B5-WS75	3/4”	100	10,000	54 lbs.	**0.36**



3/4” HOSE WASHER

Catalog #	series	bag quantity	box quantity	weight box	list price
B5-W75	3/4”	100	10,000	24 lbs.	**0.062**



BRASS AIR CHUCK ADAPTER, BALL FOOT WITH CLIP 1/4”

Catalog #	series	bag quantity	box quantity	weight box	list price
B5-ACB250	1/4”	1	10	2 lbs.	**16.93**



SCHRADER VALVE X MPT

Catalog #	series	bag quantity	box quantity	weight box	list price
B5-SPV125	1/8”	100	100	3 lbs.	**2.84**
B5-SPV250	1/4”	100	100	6 lbs.	**3.06**



BRASS AIR CHUCK ADAPTER, STRAIGHT 1/4”

Catalog #	series	bag quantity	box quantity	weight box	list price
B5-ACS250	1/4”	1	-	1 lbs.	**8.72**



SCHRADER VALVE X FPT

Catalog #	series	bag quantity	box quantity	weight box	list price
B5-FPV250	1/4”	1	-	-	**4.81**

Wire Stakes and Curls



WIRE STAKES

Catalog #	series	length	bag quantity	box quantity	weight box	list price
B5-S455	"J" Microtubing- Bulk	5"	-	-	-	**0.155**
B5-S710	"J" 16 & 18mm - Bulk	8"	-	1000	27lbs.	**0.21**
B5-S710B	"J" 16 & 18mm	8"	100	-	-	**0.22**
B5-S900	"U" 3/4" Hose	6"	-	1000	38lbs.	**0.21**



WIRE STAKES

Catalog #	series	length	bag quantity	box quantity	weight box	list price
B5-SI1000	"U" 1/2"- 1"	6"	100	1000	-	**0.22**



CURLS

Catalog #	series	bag quantity	box quantity	weight box	list price
B5-5CURL3	3" - For .700/.710 O.D. Tubing	-	2,500	22 lbs.	**Call For Pricing**
B5-5CURL3.5	3.5" - For .700/.710 O.D. Tubing	-	2,000	-	
B5-5CURL4	4" - For .700/.710 O.D. Tubing	-	2,000	-	
B5-6CURL3	3" - For Nominal .800 O.D. Tubing	-	1,200	-	
B5-6CURL4	4" - For Nominal .800 O.D. Tubing	-	1,600	21 lbs.	
B5-7CURL4	4" - For Nominal .900 O.D. Tubing	-	1,300	-	

*Additional sizes and lengths are available. ie. 15" and 18" long versions. Call for details.

Pressure Gauge



PRESSURE GAUGES

LIQUID FILLED BRONZE BOURDON TUBE
2.5" GLYCERIN FILLED 1/4" CONNECTION

Catalog #	range	bag quantity	box quantity	weight box	list price
C5-LG015	0-15	-	50	23 lbs.	**13.80**
C5-LG030	0-30	-	50	23 lbs.	**13.80**
C5-LG060	0-60	-	50	23 lbs.	**13.80**
C5-LG100	0-100	-	50	23 lbs.	**13.80**
C5-LG160	0-160	-	50	23 lbs.	**13.80**



PRESSURE GAUGES 2" DRY

2.5" DRY GAUGE 1/4" LOWER CONNECTION

Catalog #	range	bag quantity	box quantity	weight box	list price
C5-DG030	0-30	-	50	12 lbs.	**6.20**
C5-DG060	0-60	-	50	12 lbs.	**6.20**
C5-DG100	0-100	-	50	12 lbs.	**6.20**
C5-DG160	0-160	-	50	12 lbs.	**6.20**



COUPLERS (UV PROTECTED PVC) FOR LAYFLAT AND OVAL HOSE



Catalog #	size	bag quantity	box quantity	weight box	list price
A5-IC02	2"	1	100	33 lbs.	**3.28**
A5-IC03	3" x 7 3/4"	1	50	35 lbs.	**7.27**
A5-IC04	4" x 10"	1	20	28 lbs.	**9.66**
A5-IC06	6"	1	10	21 lbs.	**34.44**
A5-IC08*	8"	1	-	3 lbs.	**86.07**

*** Note:** Material PVC, non UV Protected

SPIGOT X BARB ADAPTERS (UV PROTECTED PVC) FOR LAYFLAT AND OVAL HOSE



Catalog #	size	bag quantity	box quantity	weight box	list price
A5-SIC02	2"x2"	1	125	35 lbs.	**4.46**
A5-SIC03	3"x3"	1	50	32 lbs.	**10.42**
A5-SIC04	4"x4"	1	20	22 lbs.	**12.81**
A5-SIC06	6"x6"	1	10	22 lbs.	**45.90**
A5-SIC08*	8"x8"	1	-	5 lbs.	**102.66**

*** Note:** Material PVC, non UV Protected

SHORT COUPLER (UV PROTECTED) FOR LAYFLAT HOSE



Catalog #	size	bag quantity	box quantity	weight box	list price
A5-IC03S	3" x 4"	1	75	-	**7.20**
A5-IC04S	4" x 5"	1	40	29 lbs.	**9.59**

REDUCER COUPLERS FOR OVAL HOSE AND LAYFLAT



Catalog #	size	bag quantity	box quantity	weight box	list price
A5-IRC32	3" x 2"	1	20	41 lbs.	**25.99**
A5-IRC43	4" x 3"	1	8	22 lbs.	**56.92**
A5-IRC64	6" x 4"	1	4	22 lbs.	**82.24**

MALE ADAPTER, POLYPROPYLENE FOR OVAL HOSE AND LAYFLAT



Catalog #	size	bag quantity	box quantity	weight box	list price
A5-IA2TH2	2"	1	120	26 lbs.	**4.52**
A5-IA3TH3	3"	1	40	19 lbs.	**10.67**
A5-IA4TH4	4"	1	24	19 lbs.	**14.62**

GRADUATED BARBS FOR STRETCHED LAYFLAT



Catalog #	size	bag quantity	box quantity	weight box	list price
A5-IC06G	6"	1	10	31 lbs.	**41.33**
A5-SIC06G	6" x 6"	1	10	32 lbs.	**46.93**

Note: Green PVC, Non-UV Protected.



SUN FLOW SF-10 LAYFLAT

Catalog #	size	coil	max psi	bale weight	list price
D7-SF1020	2"	300'	80	73 lbs.	
D7-SF1030	3"	300'	80	108 lbs.	**CALL**
D7-SF1040	4"	300'	70	158 lbs.	**FOR**
D7-SF1060	6"	300'	60	259 lbs.	**PRICING**
D7-SF1080	8"	300'	35	390 lbs.	

Note: Sizes 1.5", 2.5" and 5" available upon request. Call for pricing.

Layflat & Oval Hose Tools



BARREL BOLT CLAMPS STAINLESS STEEL

WITH STAINLESS BOLT

Catalog #	size	bag quantity	box quantity	weight box	list price
B5-BBOLT02	2”	-	1	-	**4.38**
B5-BBOLT03	3”	-	1	-	**4.63**
B5-BBOLT04	4”	-	1	-	**6.13**
B5-BBOLT06	6”	-	1	-	**8.68**
C5-TBOLT08	8”	-	1	-	**7.16**

Note: Irritec Barrel Bolt Clamps Are Specially Designed For Oval Hose and Layflat.





DRILL BITS FOR GROMMETS

Catalog #	hole size	grommet	bag quantity	weight box	list price
B5-SBIT14	14mm/9/16”	A1-AGRO	1	-	**67.31**
B5-SBIT16	16mm/5/8”	A1-AGRO	1	-	**67.31**
B5-SBIT17	17mm/11/16”	A1-AGRO17	1	-	**67.31**
B5-SBIT19	19mm/3/4”	A1-AGRO700	1	-	**79.39**
B5-SBIT25	25mm/15/16”	A1-AGRO825	1	-	**87.44**
B5-S10BIT	1”	Bondable Saddle	1	-	**87.44**

Note: For best results, use the low speed setting on your drill. Using this bit at high speeds can result in irregular holes, pipe cracking, and premature bit wear.



LAYFLAT CUTTER

ORANGE HANDLE - SMALLER SIZED HOLE
(FITS ALL STANDARD IRRITEC USA LAYFLAT FITTINGS)
MAKES 0.55” HOLE

Catalog #	hole size	bag quantity	box quantity	weight box	list price
B5-CLF14B	14mm (.550”)	1	-	-	**135.96**



TEE HANDLE HEX INSTALLATION TOOL

Catalog #	series	bag quantity	box quantity	weight box	list price
B5-AHW8	8mm for A1-H5LF	1	-	-	**27.60**
B5-AHW10	10mm for A1-T5LF, H6LF, T7LF & H7LF	1	-	-	**27.60**
B5-AHW12	12mm for A1-T7LF19, T11LF19, & P3/4LF19	1	-	-	**32.45**



LAYFLAT CUTTER

BLUE HANDLE - LARGER SIZED HOLE
MAKES .750" HOLE

Catalog #	hole size	bag quantity	box quantity	weight box	list price
B5-CLF19R	19mm (.750”)	1	-	-	**138.02**



CUTTING AND INSERTING TOOL

Catalog #	series	bag quantity	box quantity	weight box	list price
A5-ACT400	400	1	10	3 lbs.	**48.49**



TIP FOR CUTTING/INSERTING TOOL - 250 & 400 SERIES BARBS

Catalog #	series	bag quantity	box quantity	weight box	list price
A5-APT250	250	1	-	-	**-**
A5-APT400	400	1	-	-	**30.32**







KMP PUNCH FOR 16/20MM TUBING

Catalog #	hole size	bag quantity	box quantity	weight box	list price
C5-AMP2	2.0 mm (.075" Hole)	1	-	-	**20.76**
C5-AMP3	3.0 mm (.100" Hole)	1	-	-	**20.76**
C5-AMP4	4.0 mm (.150" Hole)	1	-	-	**20.76**



REPLACEMENT TIP FOR KMP PUNCH

Catalog #	hole size	bag quantity	box quantity	weight box	list price
C5-AMPRT2	2.0 mm	1	-	-	**12.63**
C5-AMPRT3	3.0 mm	1	-	-	**12.63**
C5-AMPRT4	4.0 mm	1	-	-	**12.63**



INSERT ADAPTER FOR KMP PUNCH

Catalog #	series	bag quantity	box quantity	weight box	list price
C5-AMPIA	16 mm	1	-	-	**2.58**



POKE & PLUG PUNCH & INSERTION TOOL

Catalog #	series	bag quantity	box quantity	weight box	list price
B5-APPT	4mm	1	-	-	**4.06**





EJECTOR STYLE HOLE PUNCHES

Catalog #	hole size	bag quantity	box quantity	weight box	list price
A5-AP025	2.5mm for Drip Emitters or BC170	1	10	3 lbs.	**13.58**
A5-AP030	3.0mm for 4/7mm	1	10	3 lbs.	**13.58**
A5-AP036	3.6mm for 250 Barb	1	10	3 lbs.	**13.58**
A5-AP070	7.0mm for 400 Barb	1	10	3 lbs.	**13.58**
A5-AP012	12mm for 500 Barb	1	10	3 lbs.	**13.58**
A5-AP	w/o Tip	1	10	2 lbs.	**6.34**



REPLACEMENT TIPS FOR EJECTOR STYLE HOLE PUNCHES

Catalog #	hole size	bag quantity	box quantity	weight box	list price
A5-APT025	2.5mm	1	-	-	**6.17**
A5-APT030	3.0mm	1	-	-	**6.17**
A5-APT036	3.6mm	1	-	-	**6.17**
A5-APT070	7.0mm	1	-	-	**6.17**
A5-APT012	12mm	1	-	-	**6.17**

* Other tips are available by special order:
4.0mm, 5.0mm, 6.0mm, 8.0mm, 9.0mm, 10mm, 11mm, 12mm, 13mm and 14mm



KINETIC AIR VENT/VACUUM RELIEF VALVE (ECONOMY)

Catalog #	size	bag quantity	box quantity	weight box	list price
B5-VBK75	3/4"	1	25	-	**9.27**
B5-VBK1	1"	1	25	-	**9.49**
B5-VBK1P	1" w/Pressure Check	1	25	-	**13.53**



KINETIC AIR VENT AND VACUUM RELIEF VALVE (PROTECTED OUTLET)

Catalog #	size	bag quantity	box quantity	weight box	list price
A5-SUP075	3/4"	1	80	-	**12.05**
A5-SUP1	1"	1	80	19 lbs.	**12.05**
A5-SUP1P	1" (w/Pressure Check)	1	80	19 lbs.	**16.20**



KINETIC AIR VENT AND VACUUM RELIEF VALVE (THREADED OUTLET)

Catalog #	size	bag quantity	box quantity	weight box	list price
B5-SSE2	2" (1" Threaded Outlet)	1	12	19 lbs.	**62.07**
B5-SSE2P	2" (w/Pressure Check)	1	12	19 lbs.	**66.20**
B5-SSE3	3" (1.5" Threaded Outlet)	1	12	19 lbs.	**101.64**



CONTINUOUS AUTOMATIC AIR VENT AND VACUUM RELIEF VALVE

Catalog #	size	bag quantity	box quantity	weight box	list price
B5-VBK1C	1"	1	25	-	**21.53**
B5-SDE2	2"	1	8	16 lbs.	**144.20**

*Note: Max Pressure rating 145 lbs.



ALUMINUM AIR VENTS

Catalog #	size	bag quantity	box quantity	weight box	list price
B5-AV200	2"	1	25	41 lbs.	**35.24**
B5-AV300	3"	1	10	34 lbs.	**67.60**
B5-AV400	4"	1	4	34 lbs.	**183.86**

Hand Pump



HAND PUMP 36", DIAMETER 1.5",

HOSE 6' WITH DISCHARGE STAKE

Catalog #	flow rate	hose length	hose diameter	hose length	list price
C5-HP36	4 Strokes per Gallon	36"	1,5"	6'	**84.79**

Now Featuring

Senninger®

LOW FLOW PRESSURE REGULATORS

PRLG REGULATORS

3/4" FHT INLET x 3/4" MHT OUTLET



Catalog #	preset operating pressure	max inlet pressure	flow rate	box qty	weight	list price
B5-PRLG10-3FHX3MH	10 psi	90 psi	0.5-7 gpm	50	9 lbs	**14.32**
B5-PRLG15-3FHX3MH	15 psi	95 psi	0.5-7 gpm	50	9 lbs	**14.32**
B5-PRLG20-3FHX3MH	20 psi	100 psi	0.5-7 gpm	50	9 lbs	**14.32**
B5-PRLG25-3FHX3MH	25 psi	105 psi	0.5-7 gpm	50	9 lbs	**14.32**
B5-PRLG30-3FHX3MH	30 psi	110 psi	0.5-7 gpm	50	9 lbs	**14.32**
B5-PRLG35-3FHX3MH	35 psi	115 psi	0.5-7 gpm	50	9 lbs	**14.32**
B5-PRLG40-3FHX3MH	40 psi	120 psi	0.5-7 gpm	50	9 lbs	**14.32**

PRL REGULATORS

3/4" FPT INLET x 3/4" FPT OUTLET



Catalog #	preset operating pressure	max inlet pressure	flow rate	box qty	weight	list price
B5-PRL10-3FX3F	10 psi	90 psi	0.5-8 gpm	50	14 lbs	**16.00**
B5-PRL12-3FX3F	12 psi	90 psi	0.5-8 gpm	50	14 lbs	**16.00**
B5-PRL15-3FX3F	15 psi	95 psi	0.5-8 gpm	50	14 lbs	**16.00**
B5-PRL20-3FX3F	20 psi	100 psi	0.5-8 gpm	50	14 lbs	**16.00**
B5-PRL25-3FX3F	25 psi	105 psi	0.5-8 gpm	50	14 lbs	**16.00**
B5-PRL30-3FX3F	30 psi	110 psi	0.5-8 gpm	50	14 lbs	**16.00**
B5-PRL35-3FX3F	35 psi	115 psi	0.5-8 gpm	50	14 lbs	**16.00**
B5-PRL40-3FX3F	40 psi	120 psi	0.5-8 gpm	50	14 lbs	**16.00**

PRL REGULATORS

3/4" FHT INLET x 3/4" MHT OUTLET

Catalog #	preset operating pressure	max inlet pressure	flow rate	box qty	weight	list price
B5-PRL12-3FXH3MH	12 psi	90 psi	0.5-8 gpm	50	14 lbs	**17.22**
B5-PRL20-3FHX3MH	20 psi	100 psi	0.5-8 gpm	50	14 lbs	**17.22**
B5-PRL25-3FHX3MH	25 psi	105 psi	0.5-8 gpm	50	14 lbs	**17.22**
B5-PRL30-3FHX3MH	30 psi	110 psi	0.5-8 gpm	50	14 lbs	**17.22**

PSR-2 REGULATORS

3/4" FPT INLET x 3/4" FPT OUTLET



Catalog #	preset operating pressure	max inlet pressure	flow rate	box qty	weight	list price
B5-PSR206-3FX3F	6 psi	80 psi	0.5-15 gpm	50	21 lbs	**18.04**
B5-PSR210-3FX3F	10 psi	90 psi	0.5-15 gpm	50	21 lbs	**18.04**
B5-PSR212-3FX3F	12 psi	90 psi	0.5-15 gpm	50	21 lbs	**18.04**
B5-PSR215-3FX3F	15 psi	95 psi	0.5-15 gpm	50	21 lbs	**18.04**
B5-PSR220-3FX3F	20 psi	100 psi	0.5-15 gpm	50	21 lbs	**18.04**
B5-PSR225-3FX3F	25 psi	105 psi	0.5-15 gpm	50	21 lbs	**18.04**
B5-PSR230-3FX3F	30 psi	110 psi	0.5-15 gpm	50	21 lbs	**18.04**
B5-PSR235-3FX3F	35 psi	115 psi	0.5-15 gpm	50	21 lbs	**18.04**
B5-PSR240-3FX3F	40 psi	120 psi	0.5-15 gpm	50	21 lbs	**18.04**

Note: The pressure regulator shall maintain the predetermined operating pressure provided that the inlet pressure is at least 5 psi (0.34 bar) above the expected outlet pressure, but not exceeding the maximum inlet pressure as shown above.

CAUTION: Regulators should always be installed downstream from all shut off valves to prevent damage.

Senninger®

MEDIUM - HIGH FLOW PRESSURE REGULATORS

PMR-MF REGULATORS

3/4" NPT INLET x 3/4" NPT OUTLET



Catalog #	preset operating pressure	max inlet pressure	flow rate	box qty	weight	list price
B5-PMR10MF-3FX3FV	10 psi	90 psi	4-16 gpm	50	22 lbs	**20.11**
B5-PMR15MF-3FX3FV	15 psi	95 psi	2-20 gpm	50	22 lbs	**20.11**
B5-PMR20MF-3FX3FV	20 psi	100 psi	2-20 gpm	50	22 lbs	**20.11**
B5-PMR25MF-3FX3FV	25 psi	105 psi	2-20 gpm	50	22 lbs	**20.11**
B5-PMR30MF-3FX3FV	30 psi	110 psi	2-20 gpm	50	22 lbs	**20.11**
B5-PMR35MF-3FX3FV	35 psi	115 psi	2-20 gpm	50	22 lbs	**20.11**
B5-PMR40MF-3FX3FV	40 psi	120 psi	2-20 gpm	50	22 lbs	**20.11**

PMR-MF REGULATORS

1" NPT INLET x 1" NPT OUTLET

Catalog #	preset operating pressure	max inlet pressure	flow rate	box qty	weight	list price
B5-PMR10MF-4FX4FV	10 psi	90 psi	4-16 gpm	50	22 lbs	**21.80**
B5-PMR15MF-4FX4FV	15 psi	95 psi	2-20 gpm	50	22 lbs	**21.80**
B5-PMR20MF-4FX4FV	20 psi	100 psi	2-20 gpm	50	22 lbs	**21.80**
B5-PMR25MF-4FX4FV	25 psi	105 psi	2-20 gpm	50	22 lbs	**21.80**
B5-PMR30MF-4FX4FV	30 psi	110 psi	2-20 gpm	50	22 lbs	**21.80**
B5-PMR35MF-4FX4FV	35 psi	115 psi	2-20 gpm	50	22 lbs	**21.80**
B5-PMR40MF-4FX4FV	40 psi	120 psi	2-20 gpm	50	22 lbs	**21.80**

PR-HF REGULATORS

11/4" FPT INLET x 1" FPT OUTLET



Catalog #	preset operating pressure	max inlet pressure	flow rate	box qty	weight	list price
B5-PR10HF-5FX4FV	10 psi	90 psi	10-32 gpm	25	16 lbs	**42.59**
B5-PR15HF-5FX4FV	15 psi	95 psi	10-32 gpm	25	16 lbs	**42.59**
B5-PR20HF-5FX4FV	20 psi	100 psi	10-32 gpm	25	16 lbs	**42.59**
B5-PR25HF-5FX4FV	25 psi	105 psi	10-32 gpm	25	16 lbs	**42.59**
B5-PR30HF-5FX4FV	30 psi	110 psi	10-32 gpm	25	16 lbs	**42.59**
B5-PR40HF-5FX4FV	40 psi	120 psi	10-32 gpm	25	16 lbs	**42.59**
B5-PR50HF-5FX4FV	50 psi	130 psi	10-32 gpm	25	16 lbs	**42.59**

PRU REGULATORS

2" FPT INLET x 2" FPT OUTLET



Catalog #	preset operating pressure	max inlet pressure	flow rate	box qty	weight	list price
B5-PRU10-8FX8F	10 psi	90 psi	20-100 gpm	4	15 lbs	**227.42**
B5-PRU15-8FX8F	15 psi	95 psi	20-100 gpm	4	15 lbs	**227.42**
B5-PRU20-8FX8F	20 psi	100 psi	20-100 gpm	4	15 lbs	**227.42**
B5-PRU25-8FX8F	25 psi	105 psi	20-100 gpm	4	15 lbs	**227.42**
B5-PRU30-8FX8F	30 psi	110 psi	20-100 gpm	4	15 lbs	**227.42**
B5-PRU35-8FX8F	35 psi	115 psi	20-100 gpm	4	15 lbs	**227.42**
B5-PRU40-8FX8F	40 psi	120 psi	20-100 gpm	4	15 lbs	**227.42**
B5-PRU50-8FX8F	50 psi	130 psi	20-100 gpm	4	15 lbs	**227.42**
B5-PRU60-8FX8F	60 psi	140 psi	20-100 gpm	4	15 lbs	**227.42**

Note: The pressure regulator shall maintain the predetermined operating pressure provided that the inlet pressure is at least 5 psi (0.34 bar) above the expected outlet pressure, but not exceeding the maximum inlet pressure as shown above.

CAUTION: Regulators should always be installed downstream from all shut off valves to prevent damage.



A106 STEEL ROLL GROOVE STEEL END NIPPLE

Catalog #	size	bag quantity	weight	list price
B5-07321020	2" X 2.5"	1	-	**21.07**
B5-07321025	2.5" X 2.5"	1	-	**22.28**
B5-07321030	3" X 2.5"	1	-	**24.88**
B5-07321040	4" X 2.5"	1	-	**29.71**
B5-07321040L	4" X 6"	1	-	**42.41**
B5-07321050	5" X 2.5"	1	-	**37.11**
B5-07321060	6" X 2.5"	1	-	**43.16**
B5-07321060L	6" X 6"	1	-	**64.86**
B5-07321080	8" X 2.5"	1	-	**52.21**
B5-07321080L	8" X 8"	1	-	**96.33**
B5-07321100	10" X 2.5"	1	-	**69.43**
B5-07321120	12" X 2.5"	1	-	**82.11**

* Also available in Stainless Steel.
5" Steel End Nipple is a special order item.
Custom lengths available.
Available in Schedule 5, Schedule 10, Schedule 20, and Schedule 40.



GROOVED PVC END NIPPLE

Catalog #	size	bag quantity	weight	list price
B5-09328020	2" X 3 1/2"	1	-	**15.63**
B5-09328030	3" X 4"	1	-	**20.36**
B5-09328040	4" X 4 1/8"	1	-	**22.72**
B5-09328050	5" X 6"	1	-	**45.25**
B5-09328060	6" X 6"	1	-	**52.50**
B5-09328080	8" X 7"	1	-	**78.31**
B5-09328100	10" X 9 1/8"	1	-	**107.40**
B5-09328120	12" X	1	-	**167.45**

* 5" Grooved PVC End Nipple is a special order item.
Custom lengths available.



PVC GROOVE X MIPT PVC ADAPTER

Catalog #	size	bag quantity	weight	list price
B5-09329020	2"	1	-	**23.31**
B5-09329030	3"	1	-	**43.55**

* Available in Schedule 40 and Schedule 80



GROOVED COUPLERS (CAST IRON)

Catalog #	size	bag quantity	box quantity	weight box	list price
C5-GRC020	2"	1	45	70 lbs.	**13.60**
C5-GRC030	3"	1	35	65 lbs.	**18.81**
C5-GRC040	4"	1	20	65 lbs.	**26.62**
C5-GRC060	6"	1	10	49 lbs.	**38.66**
C5-GRC080	8"	1	10	-	**73.77**
C5-GRC010	10"	1	4	-	**172.42**
C5-GRC012	12"	1	1	-	**190.91**



GROOVED END CAPS (CAST IRON)

Catalog #	size	bag quantity	box quantity	weight box	list price
C5-GEP020	2"	1	50	23 lbs.	**10.12**
C5-GEP030	3"	1	-	-	**14.18**
C5-GEP040	4"	1	-	-	**16.23**
C5-GEP060	6"	1	20	70 lbs.	**32.52**
C5-GEP080	8"	1	10	63 lbs.	**77.41**
C5-GEP010	10"	1	5	53 lbs.	**119.03**
C5-GEP012	12"	1	-	-	**190.94**

Valves I PVC Ball Valves - Threaded and Slip



THREADED PVC BALL VALVES

Catalog #	size	carton quantity	list price
D3-401T005	1/2"	20	**2.16**
D3-401T007	3/4"	20	**2.93**
D3-401T010	1"	20	**4.44**
D3-401T012	1 1/4"	10	**6.11**
D3-401T015	1 1/2"	10	**7.57**
D3-401T020	2"	10	**11.36**
D3-401T025	2 1/2"	5	**36.77**
D3-401T030	3"	5	**57.87**
D3-401T040	4"	1	**102.74**

*** 2 1/2" and larger have single/lever style handle**



SLIP PVC BALL VALVES

Catalog #	size	carton quantity	list price
D3-400S005	1/2"	20	**2.16**
D3-400S007	3/4"	20	**2.93**
D3-400S010	1"	20	**4.44**
D3-400S012	1 1/4"	10	**6.11**
D3-400S015	1 1/2"	10	**7.57**
D3-400S020	2"	10	**11.36**
D3-400S025	2 1/2"	5	**36.77**
D3-400S030	3"	5	**57.87**
D3-400S040	4"	1	**102.74**
D3-400S060	6" (Grey Color)	1	**324.45**

*** 2 1/2" and larger have single/lever style handle**

Valves I Brass Valves



BRASS BALL VALVES (STANDARD PORT)

Catalog #	size	carton quantity	list price
D3-610SP005	1/2"	10	**9.27**
D3-610SP007	3/4"	10	**13.39**
D3-610SP010	1"	6	**22.66**
D3-610SP012	1 1/4"	6	**30.90**
D3-610SP015	1 1/2"	2	**53.56**
D3-610SP020	2"	1	**72.10**
D3-610SP025	2 1/2"	1	**137.38**
D3-610SP030	3"	1	**212.44**
D3-610SP040	4"	1	**324.60**

* Full Port Valves Available Upon Request.



BRASS GATE VALVES THREADED

Catalog #	size	carton quantity	list price
D3-620T005	1/2"	12	**13.39**
D3-620T007	3/4"	12	**19.52**
D3-620T010	1"	6	**24.62**
D3-620T012	1 1/4"	6	**30.90**
D3-620T015	1 1/2"	2	**49.44**
D3-620T020	2"	1	**63.20**
D3-620T025	2 1/2"	1	**130.52**
D3-620T030	3"	1	**190.55**
D3-620T040	4"	1	**331.40**



PLASTIC CONTROL VALVES W/ MANUAL FLOW CONTROL

Catalog #	size	bag quantity	box quantity	weight box	list price
C2-500HF100	1"	1	12	-	**81.47**
C2-500HF150	1 1/2"	1	8	-	**102.74**
C2-500HF200	2"	1	8	-	**128.70**

* Valves come standard with 24 VAC Solenoid. Other voltages available upon request.

Pressure loss

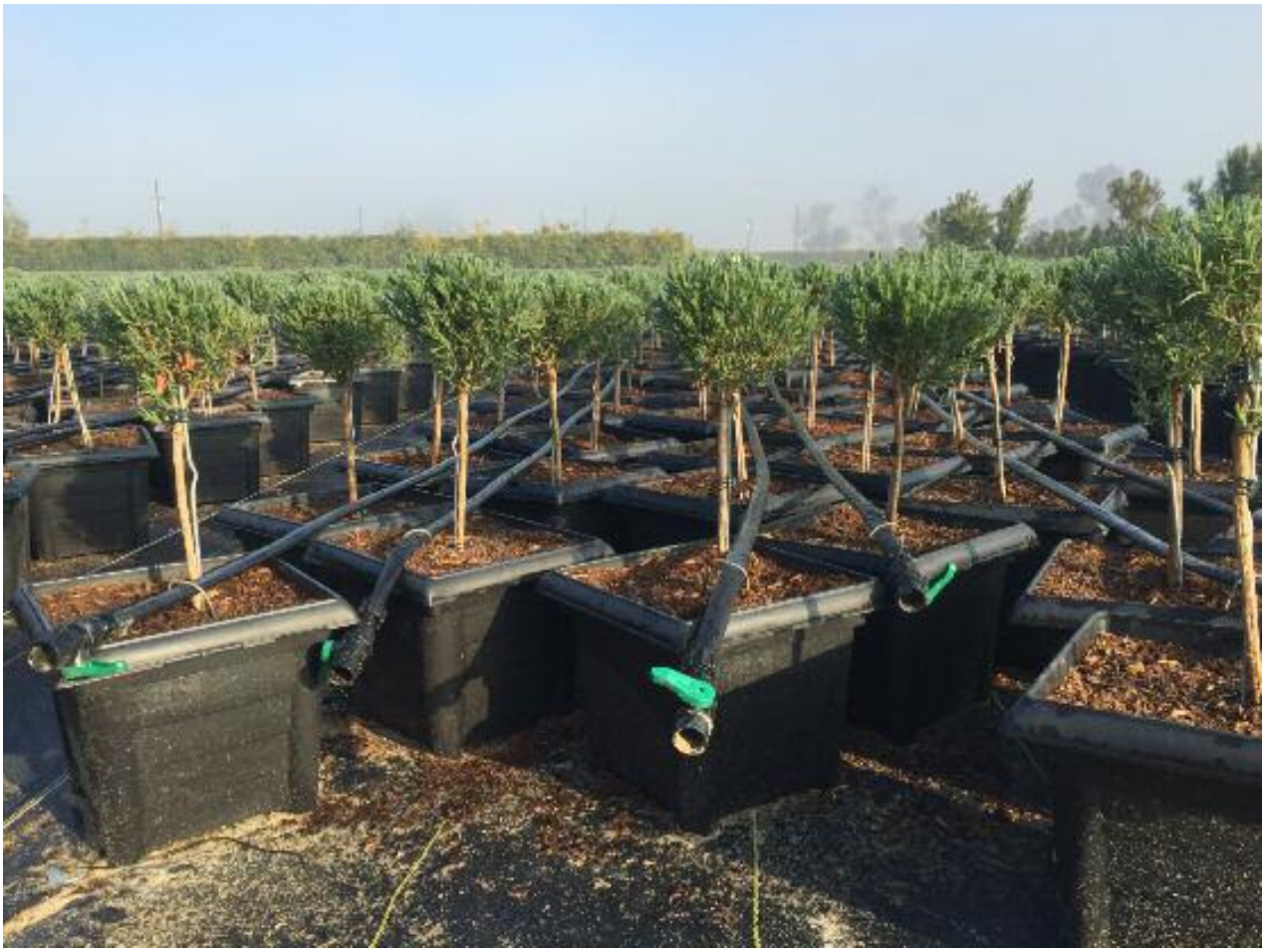
Flow	GPM	15	20	25	30	35	40	45	60	80	100	150	200
Valve size	1"	1.2	2.1	4	5	6.2	8	10	-	-	-	-	-
	1½"	-	-	-	-	-	2	2.2	2.6	3	4	8	-
	2"	-	-	-	-	-	1.5	1.8	3	3	4	5	7



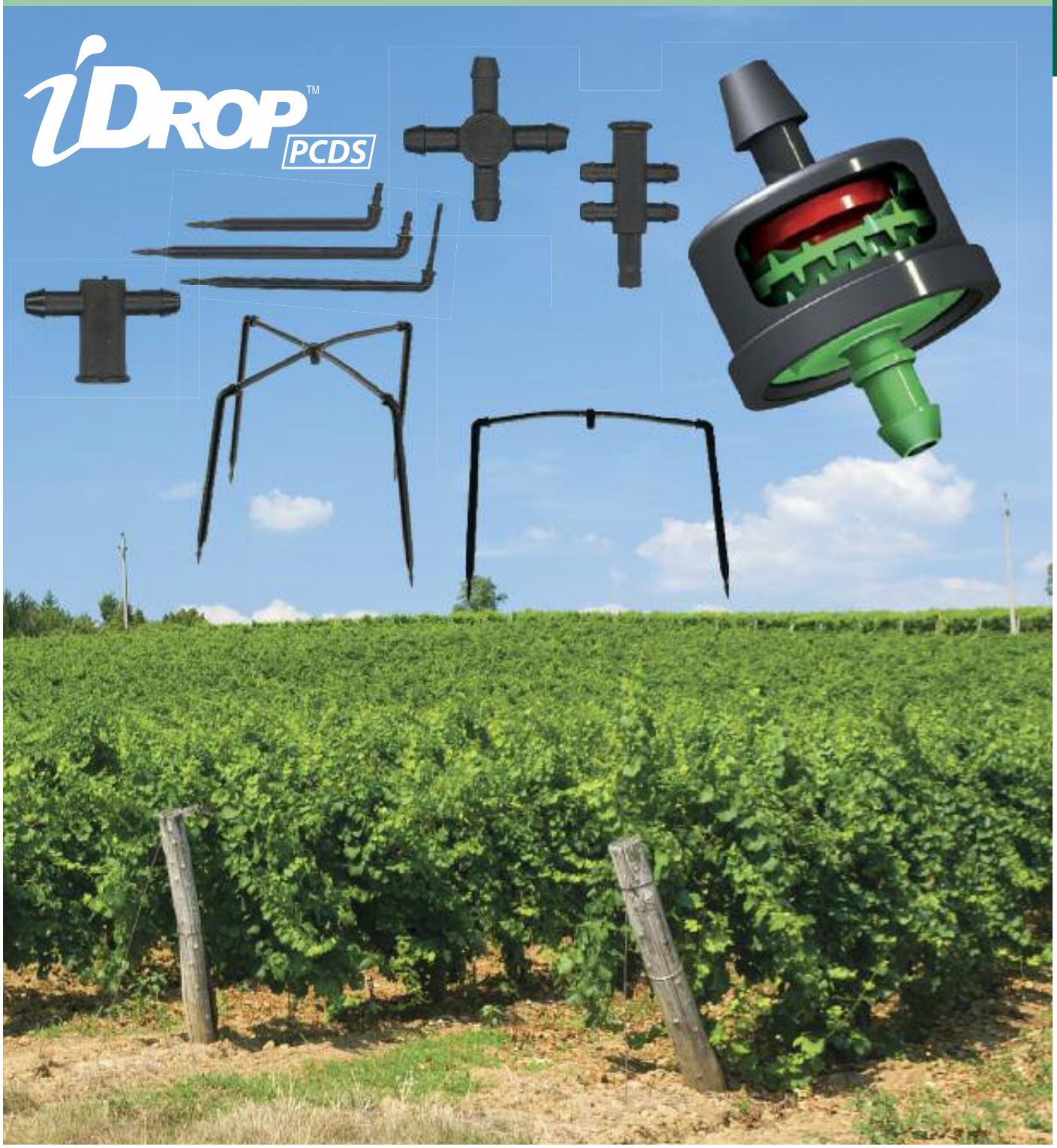
SPRING LOADED PRESSURE RELIEF VALVES

Catalog #	description	bag quantity	box quantity	list price
B5-SLPRV02	2" Adjustable PRV	1	10	**181.61**
B5-SLPRV03	3" Adjustable PRV	1	10	**258.53**

Note: PRV's factory set to 80 PSI but adjustable from 22 - 120 PSI



Drippers





DRIP EMITTERS PRESSURE COMPENSATING (CNL FEATURE) W/BARBED OUTLET

OPENS AT 5.5 PSI AND CLOSES AT 4 PSI

Catalog #	flow rate/ color	bag quantity	box quantity	weight box	list price
A6-WPC2BB	1/2 GPH (Blue)	500	3,000	21 lbs.	**0.33**
A6-WPC3BB	3/4 GPH (Brown)	500	3,000	21 lbs.	**0.33**
A6-WPC4BB	1 GPH (Green)	500	3,000	21 lbs.	**0.33**
A6-WPC8BB	2 GPH (RED)	500	3,000	21 lbs.	**0.33**

* Inlet Barb for .170" x .250" PVC or PE
* Exit Barb for .125" x .187" PVC or PE
* Barbed outlet dripper will accept manifolds.



DRIP EMITTERS PRESSURE COMPENSATING (NON-CNL FEATURE) W/BARBED OUTLET

Catalog #	flow rate/ color	bag quantity	box quantity	weight box	list price
A6-WPC2BBN	1/2 GPH (Blue)	500	3,000	21 lbs.	**0.33**
A6-WPC4BBN	1 GPH (Green)	500	3,000	21 lbs.	**0.33**
A6-WPC8BBN	2 GPH (Red)	500	3,000	21 lbs.	**0.33**

* Inlet Barb for .170" x .250" PVC or PE
* Exit Barb for .125" x .187" PVC or PE
* Barbed outlet dripper will accept manifolds.



DRIP EMITTERS NON PRESSURE COMPENSATING

WOODPECKER BUTTON DRIPPER

Catalog #	flow rate/ color	bag quantity	box quantity	weight box	list price
A6-WD2	1/2 GPH (Blue)	500	3,000	18 lbs.	**0.23**
A6-WD4	1 GPH (Green)	500	3,000	18 lbs.	**0.23**
A6-WD8	2 GPH (Red)	500	3,000	18 lbs.	**0.23**

Drippers | Multi-Outlet Dripper Assemblies



4-WAY MANIFOLD ASSEMBLIES

Catalog #	series	bag quantity	box quantity	weight box	list price
A3-4FPVC18AID04	Flat 4-Way w/AID 4" Stake	-	200	-	**3.86**
A3-4FPVC18AID06	Flat 4-Way w/AID 6" Stake	-	200	-	**3.86**
A3-4TPVC18AID04	Upright Stackable w/AID 4" Stake	-	200	-	**3.86**
A3-4TPVC18AID06	Upright Stackable w/AID 6" Stake	-	200	-	**3.86**

Note: Assemblies can be made using 125x197 PVC or 125x187 PE. Substitute PE in place of PVC in part number.
Many tube lengths available. Substitute tube length in inches in part number to 12"-36" lengths. Call for pricing.
Drippers sold separetly.
Stake height differential should not exceed 4".



2-WAY MANIFOLD ASSEMBLIES

Catalog #	series	bag quantity	box quantity	weight box	list price
A3-2PVC18AID06	2 Way w/AID 6" Stake	-	200	-	**2.94**
A3-2PVC18AID04	2 Way w/AID 4" Stake	-	200	-	**2.94**

Note: Assemblies can be made using 125x197 PVC or 125x187 PE. Substitute PE in place of PVC in part number.
Many tube lengths available. Substitute tube length in inches in part number to 12"-36" lengths. Call for pricing.
Drippers sold separetly.
Stake height differential should not exceed 4".



FLAT 4-WAY MANIFOLD

Catalog #	series	bag quantity	box quantity	weight box	list price
A6-MAN4I	3 mm	500	10,000	16 lbs.	**0.22**



2-WAY MANIFOLD

Catalog #	series	bag quantity	box quantity	weight box	list price
A6-MAN2I	3 mm	500	14,000	15 lbs.	**0.22**

* Note: Not for use with 2 GPH dripper and Angle Arrow Drippers.



1-WAY MANIFOLD

Catalog #	series	bag quantity	box quantity	weight box	list price
A6-MAN1E	3 mm	500	14,000	-	**0.22**

* Note: Not for use with 2 GPH dripper and Angle Arrow Drippers.



SHORT STRAIGHT ARROW DRIPPER WITH SHUT-OFF (3" LENGTH)

Catalog #	series	flow rate @ 15psi	bag quantity	box quantity	weight box	list price
A6-AD3S	3 mm	0.69 gph	250	4,000	23 lbs.	**0.20**



ADAPTER DRIPPER OUTLET .125" ID (PE OR PVC)

Catalog #	series	bag quantity	box quantity	weight box	list price
A6-ADAPTI	3 mm	500	20,000	17 lbs.	**0.09**





STACKABLE UPRIGHT 4-WAY MANIFOLD

Catalog #	series	bag quantity	box quantity	weight box	list price
A6-MAN4TI	3 mm	500	7,000	14 lbs.	**0.22**

* Note: End needs to be clipped off to open before stacking.



SHORT STRAIGHT ARROW DRIPPER (3" LENGTH)

Catalog #	series	flow rate @ 15psi	bag quantity	box quantity	weight box	list price
A6-AD3	3 mm	0.69 gph	250	4,000	20 lbs.	**0.21**



ANGLE ARROW DRIPPER

Catalog #	stake length	flow rate @ 15psi	bag quantity	box quantity	weight box	list price
A6-AID1004	4"	0.69 gph	Bulk	1400	18 lbs.	**0.20**
A6-AID1006	6"	0.69 gph	Bulk	900	8 lbs.	**0.22**

* Note: Refer to the iDrop Brochure for correct application of this dripper.



100 DEGREE MICRO-TUBE LOCATOR STAKE- 3MM

Catalog #	length	bag quantity	box quantity	weight box	list price
A6-AIP04	4"	250	4,000	22 lbs.	**0.11**
A6-AIP06	6"	250	2,000	17 lbs.	**0.12**

* Note: Works with both .125 & .170 tube



MISCELLANEOUS COMPONENTS 1/4" X 1/8" BARBED COUPLING

Catalog #	length	bag quantity	box quantity	weight box	list price
A1-B170C125	1/4" x 1/8"	500	12,000	-	**0.15**

Metal Filters





COMPLETE ROTO METAL FILTERS 4” & 6”

Catalog #	description		wt	list price
M4-RM04F050A	Recommended flow rates for 4" Filter 135-345 GPM	ROTO METAL 4” FLANGE 50 MESH	-	**3,633.84**
M4-RM04F080A		ROTO METAL 4” FLANGE 80 MESH	-	**3,633.84**
M4-RM04F120A		ROTO METAL 4” FLANGE 120 MESH	-	**3,633.84**
M4-RM04F150A		ROTO METAL 4” FLANGE 150 MESH	-	**3,633.84**
			-	
M4-RM06F050A	Recommended flow rates for 6" Filter 250-515 GPM	ROTO METAL 6” FLANGE 50 MESH	-	**5,055.24**
M4-RM06F080A		ROTO METAL 6” FLANGE 80 MESH	-	**5,055.24**
M4-RM06F120A		ROTO METAL 6” FLANGE 120 MESH	-	**5,055.24**
M4-RM06F150A		ROTO METAL 6” FLANGE 150 MESH		**5,055.24**

*Now available with Sand Shield. Part number example M4-RM04F080SSA
NOTE: Complete filters come standard with a 3 way valve pressure check kit with a 0-100 PSI liquid filled pressure gauge, 2 - 2” outlet plugs and a 1” brass ball valve for flushing. No air vent, flange gaskets or bolt kits are included.



ROTO METAL REPLACEMENT SCREENS FOR 4” & 6”

Catalog #	description	wt	list price
M5-RM04S050	ROTO METAL 50 MESH 4” SCREEN	-	**660.23**
M5-RM04S080	ROTO METAL 80 MESH 4” SCREEN	-	**660.23**
M5-RM04S120	ROTO METAL 120 MESH 4” SCREEN	-	**660.23**
M5-RM04S150	ROTO METAL 150 MESH 4” SCREEN	-	**660.23**
		-	
M5-RM06S050	ROTO METAL 50 MESH 6” SCREEN	-	**1,305.01**
M5-RM06S080	ROTO METAL 80 MESH 6” SCREEN	-	**1,305.01**
M5-RM06S120	ROTO METAL 120 MESH 6” SCREEN	-	**1,305.01**
M5-RM06S150	ROTO METAL 150 MESH 6” SCREEN		**1,305.01**



ROTO METAL REPLACEMENT PARTS

Catalog #	description	wt	list price
M5-RM04PLATE	ROTO METAL 4” FLOW PLATE	-	**314.15**
M5-RM06PLATE	ROTO METAL 6” FLOW PLATE	-	**353.29**
M5-RM46NP	ROTO METAL 4” & 6” NOZZLE PLUG	-	**14.64**
M5-RM46THANDLE	ROTO METAL 4” & 6” T-HANDLE	-	**250.85**
C5-LG100	LIQUID GAUGE 0-100 PSI	-	**13.80**
D3-610SP010	1” BRASS BALL VALVE	-	**22.66**
D3-N3WAY0025	1/4” PORT 3 WAY VALVE	-	**37.95**
M5-PRESSKIT100	0-100 Pressure Kit	-	**132.81**



ROTO METAL REPLACEMENT GASKETS FOR 4” & 6”

Catalog #	description	wt	list price
M5-RM04GB	ROTO METAL 4” BOTTOM BASE GASKET	-	**27.40**
M5-RM04GS	ROTO METAL 4” SCREEN GASKET	-	**30.10**
M5-RM04GU	ROTO METAL 4” UPPER INNER GASKET	-	**27.40**
M5-RM06GB	ROTO METAL 6” BOTTOM BASE GASKET	-	**37.80**
M5-RM06GS	ROTO METAL 6” SCREEN GASKET	-	**32.62**
M5-RM06GU	ROTO METAL 6” UPPER INNER GASKET	-	**34.78**



ROTO METAL ACCESSORIES

Catalog #	description	wt	list price
B5-SSE2	2” KINETIC AIR VENT	-	**62.07**
B5-SDE2	2” CONTINUOUS AIR VENT	-	**144.02**
C5-LG160	LIQUID GAUGE 0-160 PSI	-	**13.80**
B5-SLPRV02	2” ADJUSTABLE PRV	-	**181.61**



DUAL CHAMBER SAND MEDIA FILTERS

Catalog #	description	flow GPM	flush outlet	tank weight	silica weight	list price
M4-DCM2	DUAL CHAMBER FILTER W/ 2" GROOVED INLET/OUTLET	69-102	2"	166	264	**5,912.82**
M4-DCM3	DUAL CHAMBER FILTER W/ 3" GROOVED INLET/OUTLET	107-158	2"	320	440	**6,758.12**
M4-DCM4	DUAL CHAMBER FILTER W/ 4" GROOVED INLET/OUTLET	154-226	3"	429	660	**8,028.65**
*M4-DCM6	DUAL CHAMBER FILTER W/ 6" GROOVED INLET/OUTLET	220-325	3"	623	660	**9,555.00**

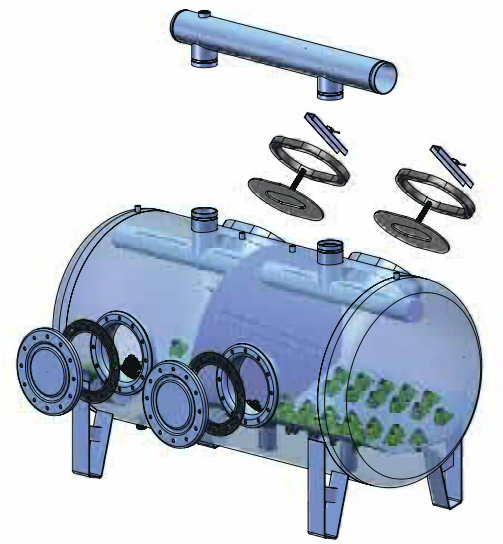
NOTE: Complete filters come standard with steel manifolds, 2 back wash valves, 1 - 1" Continuous Air Vent, 5 - 0-60 PSI liquid filled pressure gauges, grooved adapters and couplers for back wash valves and installation.
* Coming Soon 6" Dual Chamber Filters.
** Automation Kit needs to be ordered separately.



AUTOMATION KIT

Catalog #	description	list price
M5-AUTOKIT	AUTOMATION KIT FOR DUAL CHAMBER FILTER	**1,935.00**

NOTE: Irritec controller comes complete with 2 12V DC Latching solenoids, pressure switch, control tubing, and fittings.
Controller is capable of controlling 2 dual chamber media systems with the purchase of 2 additional 12V DCL solenoids.
* Requires 2 C batteries not included



DUAL CHAMBER SAND MEDIA REPLACMENT PARTS

Catalog #	description	list price
B5-VBK1C	1" CONTINUOUS AIR VENT	**21.53**
C5-LG060	LIQUID FILLED GAUGE 0-60 PSI	**13.80**
B5-BWV2X2SGM	2" VIC BACK WASH VALVE W/MANUAL CTRL	**638.96**
B5-BWV3X3SGM	3" VIC BACK WASH VALVE W/MANUAL CTRL	**881.82**
M5-MUSHROOM	UNDERDRAIN MUSHROOM	**9.49**
M5-MGROM	UNDERDRAIN GASKET	**3.52**
M5-IFERTOPGASK2/3	LOAD HATCH GASKET 2"&3"	**35.24**
M5-IFERTOPGASK4/5	LOAD HATCH GASKET 4"&5"	**54.21**
M5-IFERBOTGASK	UNLOAD HATCH GASKET	**35.24**



M5-MUSHROOM



M5-MGROM



M5-IFERTOPGASK



M5-IFERBOTGASK



B5-BWV2X2SGM

Plastic Filters





3/4" HOSE THREAD "T" FILTER

Catalog #	mesh	bag qty	box qty	list price w/cap	list price w/flush valve
A4-HTTF050	50 Mesh SS Screen	25	250	**9.22**	**11.81**
A4-HTTF100	100 Mesh SS Screen	25	250	**9.22**	**11.81**
A4-HTTF150	150 Mesh SS Screen	25	250	**9.22**	**11.81**
A4-HTTF200	200 Mesh SS Screen	25	250	**9.22**	**11.81**
A4-HTTF050P	50 Mesh SS Screen w/Schrader valve	25	250	**12.31**	**14.90**
A4-HTTF100P	100 Mesh SS Screen w/Schrader valve	25	250	**12.31**	**14.90**
A4-HTTF150P	150 Mesh SS Screen w/Schrader valve	25	250	**12.31**	**14.90**
A4-HTTP200P	200 Mesh SS Screen w/Schrader valve	25	250	**12.31**	**14.90**

*Add a "B" to the end of the Catalog number for flushing ball valve.



REPLACEMENT SCREENS AND COMPONENT PARTS FOR HOSE THREAD "T" FILTER

Catalog #	mesh	bag qty	list price
A4-SST050	50 Mesh Yellow	**1**	**6.64**
A4-SST100	100 Mesh Blue	**1**	**6.64**
A4-SST150	150 Mesh Black	**1**	**6.64**
A4-SST200	200 Mesh Red	**1**	**6.64**
A1-CAP	FLUSH CAP	**100**	**0.47**
A2-VHT75	FLUSHING BALL VALVE	**100**	**1.94**

Filters | Mini Roto Plastic Filter



3/4" & 1" MPT MINI ROTO PLASTIC FILTER

Catalog #	mesh	list price w/cap	list price w/flush valve
B4-4E75S150	150 mesh	**30.83**	**33.81**
B4-4E100S150	150 mesh	**31.01**	**34.00**

* Add a "B" to the end of the Catalog number for flushing ball valve.



MINI ROTO PLASTIC FILTER COMPONENT PARTS

Catalog #	description	list price w/flush valve
B4-SS100S150	150 mesh screen	-
B4-PLATE100	Flow plate	-
B4-BOR100	Body o-ring	-
B4-COVER100	Cover for 1/4" - 1" mini plastic filter	-
A2-VHT75	Ball valve for flushing	**1.94**
A1-CAP	Flush cap	**0.47**



(YCV) 3/4” MIPT “Y” FILTER STAINLESS STEEL SCREEN WITH THREADED CAP

Catalog #	mesh	list price w/cap	list price w/flush valve
A4-75S075	75 Mesh SS Screen	**10.50**	**13.09**
A4-75S100	100 Mesh SS Screen	**10.50**	**13.09**
A4-75S120	120 Mesh SS Screen	**10.50**	**13.09**
A4-75S155	155 Mesh SS Screen	**10.50**	**13.09**
A4-75S200	200 Mesh SS Screen	**10.50**	**13.09**

* Add a “B” to the end of the Catalog number for flushing ball valve.



(YCV) 1” MIPT “Y” FILTER - STAINLESS STEEL SCREEN WITH THREADED CAP

Catalog #	mesh	list price w/cap	list price w/flush valve
A4-100S075	75 Mesh SS Screen	**10.93**	**13.52**
A4-100S100	100 Mesh SS Screen	**10.93**	**13.52**
A4-100S120	120 Mesh SS Screen	**10.93**	**13.52**
A4-100S155	155 Mesh SS Screen	**10.93**	**13.52**
A4-100S200	200 Mesh SS Screen	**10.93**	**13.52**

* Add a “B” to the end of the Catalog number for flushing ball valve.

Filters | Plastic “Y” Filters - Hose Thread



(YCV) 3/4” FEMALE HOSE THREAD SWIVEL X 3/4” MALE HOSE THREAD

STAINLESS STEEL SCREEN AND THREADED CAP

Catalog #	mesh	list price w/cap	list price w/flush valve
A4-HTF075	75 Mesh SS Screen	**10.50**	**13.09**
A4-HTF100	100 Mesh SS Screen	**10.50**	**13.09**
A4-HTF120	120 Mesh SS Screen	**10.50**	**13.09**
A4-HTF155	155 Mesh SS Screen	**10.50**	**13.09**
A4-HTF200	200 Mesh SS Screen	**10.50**	**13.09**

* Add a “B” to the end of the Catalog number for flushing ball valve.

Filters | Replacement Components for 3/4” & 1” - Economy Filters

STAINLESS STEEL SCREENS FOR 3/4" AND 1" YCV FILTERS

Catalog #	mesh	list price
A4-SS100S075	75 (White)	**7.92**
A4-SS100S100	100 (Blue)	**7.92**
A4-SS100S120	120 (Red)	**7.92**
A4-SS100S155	155 (Yellow)	**7.92**
A4-SS100S200	200 (Black)	**7.92**

REPLACEMENT COMPONENTS FOR 3/4” AND 1” FILTERS

Catalog #	description	list price
A4-BODY34S	3/4” Body NPT	**5.43**
A4-BODY100S	1” Body NPT	**5.43**
A4-COVER	Cover	**4.48**
A4-BOR	Body O-Ring	**1.21**
A4-SOR	Screen O-Ring	**0.45**
A1-CAP	Flush Cap	**0.47**
A2-VHT75	Ball Valve for Flushing	**1.94**



(YFV) 1 1/2” PLASTIC FILTER WITH STAINLESS STEEL SCREEN

Catalog #	mesh	list price w/cap	list price w/flush valve
A4-150S075	75 Mesh SS Screen	**52.84**	**68.41**
A4-150S100	100 Mesh SS Screen	**52.84**	**68.41**
A4-150S120	120 Mesh SS Screen	**52.84**	**68.41**
A4-150S155	155 Mesh SS Screen	**52.84**	**68.41**
A4-150S200	200 Mesh SS Screen	**52.84**	**68.41**

*Add a “B” to the end of the Catalog number for flushing ball valve.
** Filter disk elements available upon request. Call for details.
Filter will have a threaded plug not a cap.



(YFV) 2" PLASTIC FILTER WITH STAINLESS STEEL SCREEN

Catalog #	mesh	list price w/cap	list price w/flush valve
A4-YFV2S075	75 Mesh SS Screen	**63.14**	**78.71**
A4-YFV2S120	120 Mesh SS Screen	**63.14**	**78.71**
A4-YFV2S155	155 Mesh SS Screen	**63.14**	**78.71**

*Add a “B” to the end of the Catalog number for flushing ball valve.
** Filter disk elements available upon request. Call for details.
Filter will have a threaded plug not a cap.

(YFV) 1 1/2" AND 2" PLASTIC FILTER REPLACEMENT PARTS

Catalog #	description	list price
A4-SS150075	75 Mesh Stainless Steel Screen	**16.66**
A4-SS150100	100 Mesh Stainless Steel Screen	**16.66**
A4-SS150S120	120 Mesh Stainless Steel Screen	**16.66**
A4-SS150155	155 Mesh Stainless Steel Screen	**16.66**
A4-SS150200	200 Mesh Stainless Steel Screen	**16.66**
A4-SOR150	O-Ring for 1 1/2” & 2” Filter Element	**1.78**
A4-COVER150	Cover for 1 1/2” and 2” Filter	**24.50**
A4-BOR150	Body O-Ring for 1 1/2" Filter	**5.15**
A4-BODY150	Body for 1 1/2” Filter	**21.41**
A2-VNPT75	3/4” MPT x 3/4” FPT Ball Valve	**1.94**



(YHF) 2" PLASTIC SCREEN AND DISK FILTERS

Catalog #	mesh	list price
A4-200S075LC	75 Mesh SS Screen	**246.95**
A4-200S120LC	120 Mesh SS Screen	**246.95**
A4-200D075LC	75 Mesh Disk	**308.13**
A4-200D120LC	120 Mesh Disk	**308.13**
A4-200D155LC	155 Mesh Disk	**308.13**



(YHF) 3" PLASTIC SCREEN AND DISK FILTERS

Catalog #	mesh	list price
A4-300S075LC	75 Mesh SS Screen	**378.22**
A4-300S120LC	120 Mesh SS Screen	**378.22**
A4-300D075LC	75 Mesh Disk	**402.69**
A4-300D120LC	120 Mesh Disk	**402.69**
A4-300D155LC	155 Mesh Disk	**402.69**

(YHF) 2" AND 3" LONG PLASTIC FILTER REPLACEMENT PARTS

Catalog #	description	list price
A4-SS300S075	75 Mesh Stainless Steel Screen for YHF Filter	**209.13**
A4-SS300S120	120 Mesh Stainless Steel Screen for YHF Filter	**209.13**
A4-DE300D120	120 Mesh Disk Cartridge for YHF Filter	**200.23**
A4-BODY200L	Body for 2” Long Filter	**59.79**
A4-BODY300L	Body for 3” Long Filter	**59.79**
A4-COVER2300L	Cover for 2” and 3” Long Filter	**89.94**



T FILTER - LARGE CARTRIDGE WITH STAINLESS STEEL CLAMP (THF)

WITH THREADED CONNECTIONS

Catalog #	description	list price
A4-THF2D075TH	2" Super 75 Mesh Disk	**417.15**
A4-THF2D120TH	2" Super 120 Mesh Disk	**417.15**
A4-THF2D155TH	2" Super 155 Mesh Disk	**417.15**
A4-THF2S075TH	2" 75 Mesh SS Screen	**417.15**
A4-THF2S120TH	2" 120 Mesh SS Screen	**417.15**
A4-THF2S155TH	2" 155 Mesh SS Screen	**417.15**
A4-THF3D075TH	3" 75 Mesh Disk	**467.21**
A4-THF3D120TH	3" 120 Mesh Disk	**467.21**
A4-THF3D155TH	3" 155 Mesh Disk	**467.21**
A4-THF3S075TH	3" 75 Mesh SS Screen	**467.21**
A4-THF3S120TH	3" 120 Mesh SS Screen	**467.21**
A4-THF3S155TH	3" 155 Mesh SS Screen	**467.21**

ROTOFILTER REPLACEMENT COMPONENTS

Catalog #	description	list price
A4-COVERTHF	2" Super & 3" Cover for THF Filter	**116.80**
A4-DTHF075	75 Mesh Disk Cartridge for THF Filter	**200.23**
A4-DTHF120	120 Mesh Disk Cartridge for THF Filter	**200.23**
A4-DTHF155	155 Mesh Disk Cartridge for THF Filter	**200.23**
A4-SS300S075	75 Mesh SS Screen for THF Filter	**209.13**
A4-SS300S120	120 Mesh SS Screen for THF Filter	**209.13**
A4-BDYROTON2	2" Filter Body for THF and TIF Filter	**230.17**
A4-BDTROTON3	3" Filter Body for THF and TIF Filter	**230.17**
A4-ORGTF	O-Ring for T-Filter Covers (All)	**7.79**
A4-CLAMPTF	Stainless steel clamp for T Filters (All)	**Call for price**
A4-COVERTIF	2" & 3" Cover for TIF Filter	**155.18**
A4-DTIF075	75 Mesh Disk Cartridge for TIF Filter	**279.21**
A4-DTIF120	120 Mesh Disk Cartridge for TIF Filter	**279.21**
A4-DTIF155	155 Mesh Disk Cartridge for TIF Filter	**279.21**
A4-SSTIF120	120 Mesh SS Screen for TIF Filter	**229.69**

FILTER RECOMMENDED FLOWS

Model	Size	Disk Area (Sq. In.)	Screen Area (Sq. In.)	Nominal Flows (GPM)	Pressure Loss (PSI)
YCV	3/4"	-	16	22	8
YCV	1"	-	16	22	4
YFV	1.5"	78	70	88	5
YFV	2"	78	70	88	5
YHF	2"	217	197	110	1.5
YHF	3"	217	197	220	2
THF	2"	217	197	132	3
THF	3"	217	197	220	3
TIF	2"	290	260	220	3
TIF	3"	290	260	220	3



T FILTER - EXTRA LARGE CARTRIDGE WITH STAINLESS STEEL CLAMP (TIF)

NPT SUPER DISK FILTER THREADED CONNECTIONS

Catalog #	description	list price
A4-TIF2D075TH	2" XL 75 Mesh Disk	**495.43**
A4-TIF2D120TH	2" XL 120 Mesh Disk	**495.43**
A4-TIF2D155TH	2" XL 155 Mesh Disk	**495.43**
A4-TIF3D075TH	3" XL 75 Mesh Disk	**545.08**
A4-TIF3D120TH	3" XL 120 Mesh Disk	**545.08**
A4-TIF3D155TH	3" XL 155 Mesh Disk	**545.08**

Ask about screen options.





WATERTOOL FILTER SYSTEM (SENIOR) (67-100 GPM PER TANK) FEATURING BERMAD BACKWASH VALVES

Catalog #	description	list price
	Manual Filters	
C4-WTS2M	2 Tank Manual Filter	**5,709.29**
C4-WTS3M	3 Tank Manual Filter	**8,534.58**
C4-WTS4M	4 Tank Manual Filter	**12,160.18**
C4-WTS4MQ	4 Tank Manual Quad Center Feed	**10,374.16**
	Automatic Filters	
C4-WTS2A	2 Tank Automatic Filter	**5,982.24**
C4-WTS3A	3 Tank Automatic Filter	**10,038.38**
C4-WTS4A	4 Tank Automatic Filter	**13,118.08**
C4-WTS4AQ	4 Tank Automatic Quad Center Feed	**12,719.47**

- Featuring Bermad Backwash Valves - Standard
- Light Weight No Rust - Glass Filled Nylon and UVR PVC Construction.
- Modular Design - 67 - 100 GPM per Tank - Add as Many Tanks as Needed.
- Minimal Back Flush Water - Individual Back Flush Valves.
- Two Wire Back Flush Controller - 96 Station Back Flush Controller.
- Pressure Differential Switch included on all Automatic Systems.
- Similar Foot Print As Existing Sand Media Tanks.
- Back Flush Water Recovery System Available.
- No Pressure Sustaining Valves Needed for Back Flush - Saves Extra $.
- No Forklifts Needed - Easy Installation - Quick Installation.
- Only 15 Gallons of Media Per Tank - 210 Pounds.
- Available with Groove Inlet/Outlet Connections.
- Supplied with Air Release Valves and Pressure Gauges.

Note: When ordering the Automatic Configuration everything pictured is included plus the controller. When ordering the manual version the controller and decoder/solenoids are not included.



WATERTOOL FILTER SYSTEM (JUNIOR)
(18-25 GPM PER TANK)

PART # REFERENCE
H= Horizontal tank layout
V= Vertical stacking of tanks
G= Grooved inlet and outlet connections
U= Union inlet and outlet connections
A= Automatic back flush with controller and decoder included
M= Manual (no automatic back flush controller)

Catalog #	description	inlet	outlet	back flush	back flush	flow rate range (gpm)	unit list price
C4-WT2HGA	2 Tank Horizontal	Groove	Groove	Union	Automatic	30-50	**3,324.15**
C4-WT2HGM	2 Tank Horizontal	Groove	Groove	Union	Manual	30-50	**1,889.22**
C4-WT2HUA	2 Tank Horizontal	Union	Union	Union	Automatic	30-50	**3,343.19**
C4-WT2HUM	2 Tank Horizontal	Union	Union	Union	Manual	30-50	**1,866.09**
C4-WT2VUA	2 Tank Vertical	Union	Union	Union	Automatic	30-50	**3,374.48**
C4-WT2VUM	2 Tank Vertical	Union	Union	Union	Manual	30-50	**1,944.98**
C4-WT3HGA	3 Tank Horizontal	Groove	Groove	Union	Automatic	45-75	**4,293.93**
C4-WT3HGM	3 Tank Horizontal	Groove	Groove	Union	Manual	45-75	**2,756.98**
C4-WT3HUA	3 Tank Horizontal	Union	Union	Union	Automatic	45-75	**4,312.96**
C4-WT3HUM	3 Tank Horizontal	Union	Union	Union	Manual	45-75	**2,773.30**
C4-WT4HGA	4 Tank Horizontal Stacked	Groove	Groove	Union	Automatic	60-100	**5,262.34**
C4-WT4HGM	4 Tank Horizontal Stacked	Groove	Groove	Union	Manual	60-100	**3,666.90**
C4-WT4HUA	4 Tank Horizontal Stacked	Union	Union	Union	Automatic	60-100	**5,299.06**
C4-WT4HUM	4 Tank Horizontal Stacked	Union	Union	Union	Manual	60-100	**3,683.22**
C4-WT5HGA	5 Tank Horizontal Stacked	Groove	Groove	Union	Automatic	75-125	**6,233.47**
C4-WT5HGM	5 Tank Horizontal Stacked	Groove	Groove	Union	Manual	75-125	**4,576.83**
C4-WT5HUA	5 Tank Horizontal Stacked	Union	Union	Union	Automatc	75-125	**6,270.20**
C4-WT5HUM	5 Tank Horizontal Stacked	Union	Union	Union	Manual	75-125	**4,610.83**
C4-WT6HGA	6 Tank Horizontal Stacked	Groove	Groove	Union	Automatic	90-150	**7,219.56**
C4-WT6HGM	6 Tank Horizontal Stacked	Groove	Groove	Union	Manual	90-150	**5,414.68**
C4-WT6HUA	6 Tank Horizontal Stacked	Union	Union	Union	Automatic	90-150	**7,257.65**
C4-WT6HUM	6 Tank Horizontal Stacked	Union	Union	Union	Manual	90-150	**5,445.95**

Order Example: If your application requires more tanks then what is listed above do the following: Order a 6 tank automatic and an appropriate manual unit for the balance of the tanks required as well as the extra decoders for the extra tanks.

ie: 10 Tank Watertool Automatic

C4-WT6HUA	**6 Tank Fully Automatic**	**Qty 1**
C4-WT4HUM	**4 Tank Manual**	**Qty 1**
C4-WTA150D	**Decoders for Manual Tank**	**Qty 4**

All of the above Modular units of the Water Tool filters include:
- Tanks
- Back flush Valves
- Manifold fi ttings and Manifold pipes between tanks
- Pressure gauges
- Air Release valves
- Back flush valve filter
- Bases and legs
- Site tube for back flush line
- Back flush control valve 1”

Automatic Units:
- In addition to above, the automatic units include:
- Automatic 96 station Back Flush Controller with Pressure Differential switch with normally open contacts.
- NO FILTER MEDIA IS INCLUDED
- NO INLET MANIFOLD TO WATER SOURCE IS INCLUDED
- NO OUTLET MANIFOLD TO SYSTEM IS INCLUDED
- Inlet and Outlet manifolds to connect one or more of the above

Modular units can be ordered separately: see part numbers CA-WTA-183 and CA-WTA-182

Product Warranty:
IrritecUSA warrants to its trade customers that its Water Tool Filter products will be free from defects in material and workmanship, from the original date of purchase, for a period of ONE YEAR. Within the warranty period, IrritecUSA, will at its sole discretion, shall have the option to repair or replace all or part of defective product, or refund part or the entire purchase price. Defective products must be returned, freight prepaid, at the buyers expense after such product return authorization has been given by IrritecUSA to the Buyer. IrritecUSA Corporation does not warranty any labor claims, including but not limited to labor installation, removal and reinstallation of said product. IrritecUSA shall not be responsible or liable for any loss of profit, lost savings or loss of sales.



CONTROLLER

Catalog #	description	list price
C4-WTA150	96 Station Controller, 2 Wire	**748.07**
C4-WTA151	Pressure Differential Switch	**544.05**



DECODER / SOLENOID COMBO

Catalog #	description	list price
C4-WTA150DS	decoder/solenoid combo	**155.40**

Note: Order one each of these for additional tanks being added to a preexisting Watertool Filter Battery.



Sprinklers





1/2" FULL CIRCLE 15 DEGREE TRAJECTORY

STANDARD BRASS SPRINKLER

Catalog #	nozzle	list price
B7-5015-0000	w/o	**15.04**
B7-5015-0332	3/32"	**15.58**
B7-5015-0764	7/64"	**15.58**
B7-5015-0018	1/8"	**15.58**
B7-5015-0964	9/64"	**15.58**



1/2" FULL CIRCLE 15 DEGREE TRAJECTORY WEDGE DRIVE

STANDARD BRASS WEDGE DRIVE SPRINKLER

Catalog #	nozzle	list price
B7-5015-W000	w/o	**15.04**
B7-5015-W0332	3/32"	**15.58**
B7-5015-W0764	7/64"	**15.58**
B7-5015-W018	1/8"	**15.58**
B7-5015-W0964	9/64"	**15.58**



1/2" FULL CIRCLE 23 DEGREE TRAJECTORY

STANDARD BRASS SPRINKLER

Catalog #	nozzle	list price
B7-5023-0000	w/o	**15.04**
B7-5023-0332	3/32"	**15.58**
B7-5023-0764	7/64"	**15.58**
B7-5023-0018	1/8"	**15.58**
B7-5023-0964	9/64"	**15.58**



1/2" FULL CIRCLE 23 DEGREE TRAJECTORY WEDGE DRIVE

STANDARD BRASS WEDGE DRIVE SPRINKLER

Catalog #	nozzle	list price
B7-5023-W000	w/o	**15.04**
B7-5023-W332	3/32"	**15.58**
B7-5023-W764	7/64"	**15.58**
B7-5023-W018	1/8"	**15.58**
B7-5023-W964	9/64"	**15.58**

NOZZLES FOR BRASS SPRINKLERS

Catalog #	description	list price
B7-5023N0332	3/32" Nozzle for 5023 Sprinkler	**3.35**
B7-5023N0764	7/64" Nozzle for 5023 Sprinkler	**3.35**
B7-5023N0018	1/8" Nozzle for 5023 Sprinkler	**3.35**
B7-5023N0964	9/64" Nozzle for 5023 Sprinkler	**3.35**
B7-5000VN	Vane for 1/2"	**0.33**

* Sprinkler bodies will accept competitor nozzles.
Additional Sprinklers and Nozzles available. Call for details.



PART CIRCLE PLASTIC IMPACT SPRINKLERS
25 DEGREE TRAJECTORY

Catalog #	nozzle	box quantity	weight box	list price
B7-5029-0764	7/64" (orange)	300	34lbs.	**10.56**
B7-5029-0118	.118" (red)	300	34lbs.	**10.56**
B7-5029-0018	1/8" (green)	300	34lbs.	**10.56**
B7-5029-0964	9/64" (blue)	300	34lbs.	**10.56**
B7-5029-0532	5/32" (black)	300	34lbs.	**10.56**



LOW ANGLE PLASTIC IMPACT SPRINKLERS W/WEDGE DRIVE
12 DEGREE TRAJECTORY

Catalog #	nozzle	box quantity	weight box	list price
B7-5012-W0071	Nozzle .071" Green	300	34 lbs.	**10.82**
B7-5012-W0564	Nozzle .078" White	300	34 lbs.	**10.82**
B7-5012-W0087	Nozzle .087" Brown	300	34 lbs.	**10.82**



LOW ANGLE PLASTIC IMPACT SPRINKLERS
12 DEGREE TRAJECTORY

Catalog #	nozzle	box quantity	weight box	list price
B7-5012-0332	3/32" Purple	300	36 lbs.	**9.89**
B7-5012-0764	7/64" Orange	300	36 lbs.	**9.89**
B7-5012-0018	1/8" Green	300	36 lbs.	**9.89**

NOZZLES FOR PLASTIC SPRINKLERS

Catalog #	nozzle	bag quantity	weight box	list price
B7-5012N0332	3/32" Purple (12° only)	-	-	**2.32**
B7-5012N0764	7/64" Orange	-	-	**2.32**
B7-5012N0118	.118" Red	-	-	**2.32**
B7-5012N0018	1/8" Green	-	-	**2.32**
B7-5012N0964	9/64" Blue	-	-	**2.32**
B7-5012N0532	5/32" Black	-	-	**2.32**
B7-5012PLUG	Black Plug	-	-	**2.32**

Extruded Products





POLYETHYLENE BLANK TUBING

Catalog #	nominal size	id	od	wall (in)	coil length	coil weight (lbs)	working psi	list price
BL-375455CL	3/8" (12mm)	0.375"	0.455"	0.040"	Varies	-	-	
BL-375455-0500	3/8" (12mm)	0.375"	0.455"	0.040"	500'	10.35	-	
BL-375455-1000	3/8" (12mm)	0.375"	0.455"	0.040"	1000'	20.7	-	
BL-520620CL	1/2" (16mm)	0.520"	0.620"	0.050	Varies	-	-	
BL-520620-0100	1/2" (16mm)	0.520"	0.620"	0.050"	100'	3.62	-	
BL-520620-0500	1/2" (16mm)	0.520"	0.620"	0.050"	500'	18.1	-	**CALL**
BL-520620-1000	1/2" (16mm)	0.520"	0.620"	0.050"	1000'	36.2	-	
BL-550640-1000	1/2" (16mm)	0.550"	0.640"	0.045"	1000'	34	-	**FOR**
BL-600700-0100	1/2" (18mm)	0.600"	0.700"	0.050"	100'	4.12	62	
BL-600700-0500	1/2" (18mm)	0.600"	0.700"	0.050"	500'	20.6	62	**PRICING**
BL-600700-1000	1/2" (18mm)	0.600"	0.700"	0.050"	1000'	41.2	62	
BL-620710CL	1/2" (18mm)	0.620"	0.710"	0.045"	Varies	-	-	
BL-620710-0100	1/2" (18mm)	0.620"	0.710"	0.045"	100'	3.8	54	
BL-620710-0500	1/2" (18mm)	0.620"	0.710"	0.045"	500'	19	54	
BL-620710-1000	1/2" (18mm)	0.620"	0.710"	0.045"	1000'	38	54	
BL-710805-1000	5/8" (20mm)	0.710"	0.805"	0.045"	1000'	46	-	
BL-720820CL	5/8" (20mm)	0.720"	0.820"	0.050"	Varies	-	-	
BL-720820-0500	5/8" (20mm)	0.720"	0.820"	0.050"	500'	24.4	52	
BL-720820-1000	5/8" (20mm)	0.720"	0.820"	0.050"	1000'	48.8	52	
BL-720830-1000	5/8" (20mm)	0.720"	0.830"	0.055"	1000'	54	-	
BL-720840-1000	5/8" (20mm)	0.720"	0.840"	0.060"	1000'	-	-	
BL-820940-1000	3/4" (25mm)	0.820"	0.940"	0.060"	1000'	68	55	
BL-830940-0500	3/4" (25mm)	0.830"	0.940"	0.055"	500'	31	50	

NOTE: Cut lengths also available.

POLYETHYLENE MICRO-TUBING

Catalog #	ID	OD	wall	coil length	coil weight (lbs)	package	list price
D5-125x187CL	0.125"	0.187"	0.31"	Varies	-	Bundled	**Call for pricing**
D5-125x187ROLL100	0.125"	0.187"	0.31"	100'	0.62	Roll	
D5-125x187ROLL1000	0.125"	0.187"	0.31"	1,000'	6.50	Reel	
D5-125x187ROLL2500	0.125"	0.187"	0.31"	2,500'	15.50	Roll	
D5-160x220CL	0.160"	0.220"	0.30"	Varies	-	Bundled	
D5-160x220ROLL100	0.160"	0.220"	0.30"	100'	0.73	Roll	
D5-160x220ROLL1000	0.160"	0.220"	0.30"	1,000'	7.50	Reel	
D5-160x220ROLL2500	0.160"	0.220"	0.30"	2,500'	18.30	Roll	
D5-170x250CL	0.170"	0.250"	0.40"	Varies	-	Bundled	
D5-170x250ROLL100	0.170"	0.250"	0.40"	100'	1.07	Roll	
D5-170x250ROLL1000	0.170"	0.250"	0.40"	1,000'	11.00	Reel	
D5-208x315ROLL1000 (8mm control tubing)	0.208"	0.315"	0.535"	1,000'	18.00	Roll	
D5-250x350ROLL100	0.250"	0.350"	0.50"	100'	2.00	Roll	
D5-250x350ROLL500	0.250"	0.350"	0.50"	500'	10.00	Roll	
D5-250x350ROLL1000	0.250"	0.350"	0.50"	1,000'	20.00	Roll	





NOTE: Cut lengths also available.

PVC (VINYL) MICRO-TUBING

Catalog #	ID	OD	wall	coil length	coil weight (lbs)	list price per ft.	list price
D6-125x187CL	0.125"	0.187"	0.31"	Cut Lengths	Varies	Bundled	**Call for pricing**
D6-125x187ROLL100	0.125"	0.187"	0.31"	100'	0.98	Roll	
D6-125x187ROLL1000	0.125"	0.187"	0.31"	1,000'	10	Roll	
D6-125x187ROLL2500	0.125"	0.187"	0.31"	2,500'	25	Roll	
D6-125x197CL	0.125"	0.197"	0.36"	Cut Lengths	Varies	Bundled	
D6-125x197ROLL100	0.125"	0.197"	0.36"	100'	1.18	Roll	
D6-125x197ROLL1000	0.125"	0.197"	0.36"	1,000'	12	Roll	
D6-160x220CL	0.160"	0.220"	0.30"	Cut Lengths	Varies	Bundled	
D6-160x220ROLL100	0.160"	0.220"	0.30"	100'	1.15	Roll	
D6-160x220ROLL1000	0.160"	0.220"	0.30"	1,000'	12	Reel	
D6-160x220ROLL1500	0.160"	0.220"	0.30"	1,500'	30	Roll	
D6-170x250ROLL100	0.170"	0.250"	0.40"	100'	1.7	Roll	
D6-170x250ROLL1000	0.170"	0.250"	0.40"	1,000'	17	Roll	



Riser Products - Cut Lengths

New & Improved

Call For Pricing. Supply Is Limited.

IPS FLEX RISER (PVC) - ROLLS

Catalog #	ID	OD	wall	coil length	coil weight (lbs)
D6-1/2ROLL100	0.546"	0.840"	0.147"	100'	20.5
D6-1/2ROLL200	0.546"	0.840"	0.147"	200'	41
D6-3/4ROLL100	0.742"	1.050"	0.154"	100'	27.5
D6-3/4ROLL200	0.742"	1.050"	0.154"	200'	55
D6-1ROLL100	0.957"	1.315"	0.179"	100'	41

1/2" IPS FLEX RISER (PVC) CUT LENGTHS

Catalog #	length
D6-1/2CL36	36"
D6-1/2CL48	48"
D6-1/2CL72	72"

3/4" IPS FLEX RISER (PVC) CUT LENGTHS

Catalog #	length
D6-3/4CL30	30"
D6-3/4CL36	36"
D6-3/4CL42	42"
D6-3/4CL48	48"
D6-3/4CL60	60"

1" IPS FLEX RISER (PVC) CUT LENGTHS

Catalog #	length
D6-1CL24	24"
D6-1CL36	36"
D6-1CL48	48"

Special orders must meet minimum order quantities and there will be a delay in shipping. Call for details.

TAPE FLEX

Catalog #	ID	OD	wall	coil length	coil weight (lbs)
D6-440X600ROLL375	0.440"	0.600"	0.080"	375'	-
D6-625X825ROLL325	0.625"	0.825"	0.100"	325'	-
D6-750X950ROLL325	0.750"	0.950"	0.100"	325'	-

Call For Pricing

Dripline







APEX FLAT PC

- Superior clog resistance.
- Largest filtration area in its' class.
- Wide compensation range 7-60 PSI.
- Standard 17mm, 18mm and 20mm tube.
  Other sizes on request.
- Made with chemical resistant silicon diaphragm and MDPE body.
- Two flow rates.
- Unlimited spacing options provide design flexibility.
- Recommended minimum filtration 120 mesh.
- Non CNL.

Build your APEX Flat PC using the following table. Pick one option from each column to build your part number.

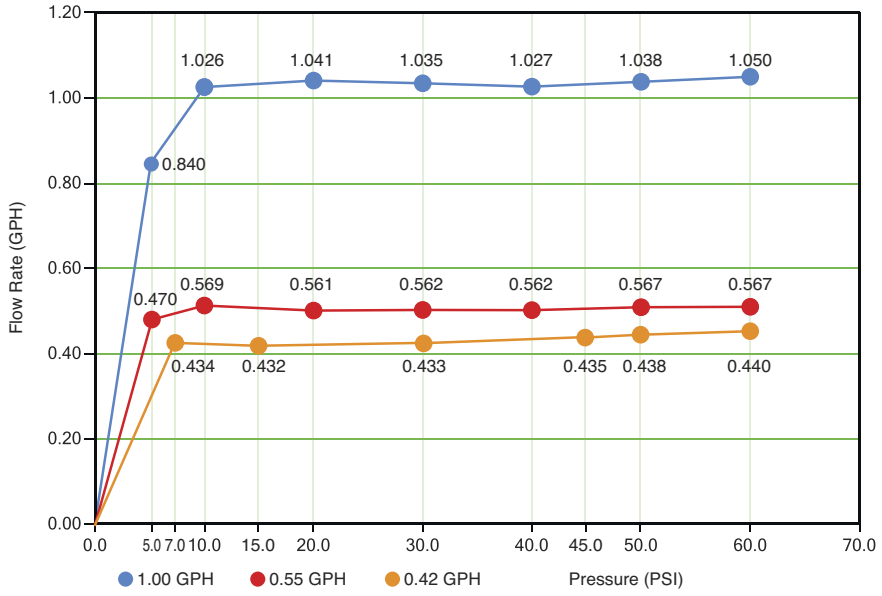
prefix		flat	flat diameter OD (mm)	nominal wall thickness (in)	flow rate (gph)	spacing (in)	roll length (ft)
PC	-	F	17	.043	0.55	XX	500
			18	.045	1.05		1000
			20	.047			

NOTE: The part number does not include decimal points in the part number for wall thickness of flow rate.

Example: PC-F18455524-1000
Pressure Compensating
18 mm OD
.045" Nominal Wall Thickness
.55 Gph Flow Rate
24" Dripper Spacing
1000' Roll

PC Dripperline Specifications				
Tubing Size	**I.D.**	**O.D.**	**Wall**	**Range**
17mm	.560"	0.660"	50 mil	7-60 PSI
18mm	.620"	0.710"	45 mil	7-60 PSI
20mm	.710"	0.805"	47.5 mil	7-60 PSI

APEX PC Emitter Specification	
Nominal Flow Rate	**Actual Flow Rate**
0.42 GPH	0.420
0.55 GPH	0.564
1 GPH	1.033



NOTE: See the Apex PC Brochure for design information. Other hose sizes are available, call for details.



MESA FLAT NC

- Non pressure compensating emitter
- Superior clog resistance.
- Largest filteration area in its' class.
- Standard 16mm, 18mm, 20mm, 23mm tube. Other sizes available upon request.
- Made from chemical resistant Polyethylene.
- 4 flow rates available.
- Unlimited spacing options.
- Recommended minimum filtration 120 mesh.

Build your MESA Flat NC using the following table.
Pick one option for each column to build your part number.

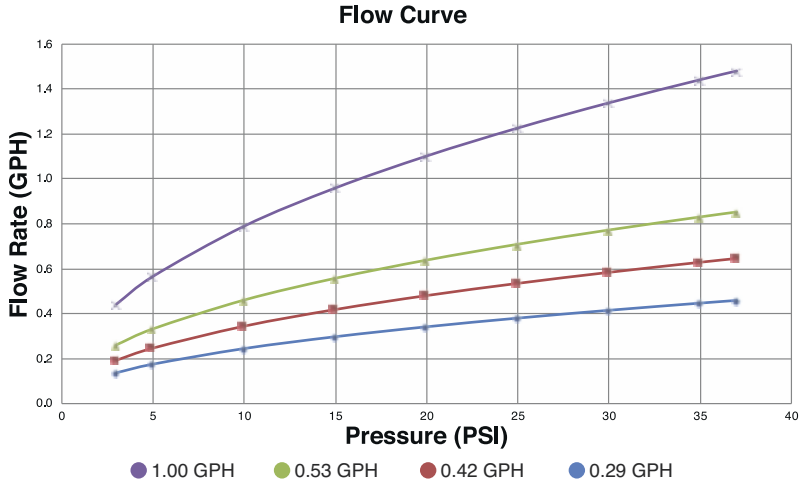
prefix	flat	flat diameter OD (mm)	nominal wall thickness (in)	flow rate (gph)	spacing (in)	roll length (ft)
NC	F	16	.045	0.29	XX	500
		18	.045	0.42		1000
		20	.047	0.53		
		23	.045	1.05		

NOTE: The part number does not include decimal points for wall thickenss or flow rate.

Example: NC-F18455324-1000
Non pressure compensating
Flat emitter
18 mm O.D.
.045" Nominal Wall Thickness
.53 GPH Flow Rate
24" Dripper Spacing
1000' Roll

NC Dripperline Specifications				
Tubing size	**I.D.**	**O.D.**	**Wall**	**Kd**
16mm	.550"	.640"	45 mil	.11
18mm	.620"	.710"	45 mil	.10
20mm	.710"	.805"	47.5 mil	.08
23mm	.820"	.910"	45 mil	.07

Mesa NC Emitter Specifications			
Nominal Flow Rate	**Emitter Color**	**X**	**K**
.29 GPH	Pink	0.48	0.0812
.42 GPH	Yellow	0.48	0.1142
.53 GPH	Blue	0.47	0.1563
1.0 GPH	Green	0.48	0.2617



P1 Light Dripline



HOW TO ORDER P1

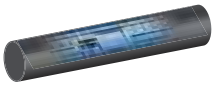
Example

prefix		size (ID")	available mil thickness	available dripper flow rate gph		available dripper spacing inches	flap	reel length (ft)
P1	-	5	06	.17	-	8"	F	see chart at bottom of page

The part number for the order will be
P1-50617-8 (P1, 5/8, 6 mil, .17 gph @ 8")

5/8"	Tape ID .635"
7/8"	Tape ID .875"
1"	Tape ID .990"
1 1/8"	Tape ID 1.125"

P1 now being made in the USA.



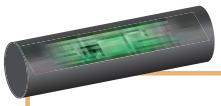
5/8" DIAMETER (16MM)

prefix	size (ID")	available mil thickness	available dripper flow rate gph	available dripper spacing inches
P1	5	06 08 10 13 15	.13 .17 .25 .33 .46	from 8" to 30"



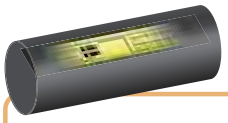
7/8" DIAMETER (22MM)

prefix	size (ID")	available mil thickness	available dripper flow rate gph	available dripper spacing inches
P1	7	06 08 10 13 15	.13 .17 .25 .33 .46	from 8" to 30"



1" DIAMETER (25MM)

prefix	size (ID")	available mil thickness	available dripper flow rate gph	available dripper spacing inches
P1	9	10 13 15 -	.13 .17 .25 .33 .46	from 8" to 30"



1 ⅛" DIAMETER (29MM)

prefix	size (ID")	available mil thickness	available dripper flow rate gph	available dripper spacing inches
P1	11	13 15 -	.13 .17 .25 .33 .46	from 8" to 30"

DRIPPER COLOR AND NOMINAL FLOW AT 10 PSI

.13	.17	.25	.33	.46
Blue	Green	Pink	Yellow	Light Blue

PACKAGING INFORMATION

Product	Standard Reel	Weight Per Coil	Weight Pallet
5/8" 6mil	10,000	64	1,166
5/8" 8mil	8,000	63	1,038
5/8" 10mil	6,500	62	1,022
5/8" 13mil	5,000	63	1,038
5/8" 15mil	4,100	56	926
7/8" 6mil	7,500	64	1,054
7/8" 8mil	6,000	64	1,054
7/8" 10mil	5,500	73	1,198
7/8" 13mil	4,000	66	1,086
7/8" 15mil	2,700	51	846
1" 10mil	4,000	TBD	TBD
1" 13mil	3,000	56	926
1" 15mil	2,750	56	926
1 1/8" 13mil	2,800	55	910
1 1/8" 15mil	2,575	62	1,022

Reel Diameter 23" | Width of Core 5 3/4" | Reel Height 10" | Hole Diameter 1 5/8"
16 reels per pallet | Reeled with emitters facing out



5/8" P1 SHORT REELS 8 MIL X 2000'

Catalog #	series	list price
P1-50817-08F-2000	.17 gph @ 8"	**158.71**
P1-50825-08F-2000	.25 gph @ 8"	**158.71**
P1-50825-12F-2000	.25 gph @ 12"	**142.69**
P1-50833-06F-2000	.33 gph @ 6"	**187.30**
P1-50833-08F-2000	.33 gph @ 8"	**158.71**
P1-50833-12F-2000	.33 gph @ 12"	**142.69**



5/8" P1 SHORT REELS 8 MIL X 1000'

Catalog #	series	list price
P1-50817-08F-1000	.17 gph @ 8"	**83.83**
P1-50825-08F-1000	.25 gph @ 8"	**83.83**
P1-50825-12F-1000	.25 gph @ 12"	**75.82**
P1-50833-06F-1000	.33 gph @ 6"	**98.12**
P1-50833-08F-1000	.33 gph @ 8"	**83.83**
P1-50833-12F-1000	.33 gph @ 12"	**75.82**

Note: Diameter 15.5" Width 8" Wt. 14.5 lbs



5/8" P1 SHORT REELS 15 MIL X 500'

Catalog #	series	list price
P1-51525-06-0500	.25 gph @ 6"	**79.84**
P1-51525-08-0500	.25 gph @ 8"	**72.40**
P1-51525-12-0500	.25 gph @ 12"	**67.43**
P1-51533-06-0500	.33 gph @ 6"	**79.84**
P1-51533-08-0500	.33 gph @ 8"	**72.40**
P1-51533-12-0500	.33 gph @ 12"	**67.43**

Note: Diameter 12" Width 8" Wt. 7.25 lbs





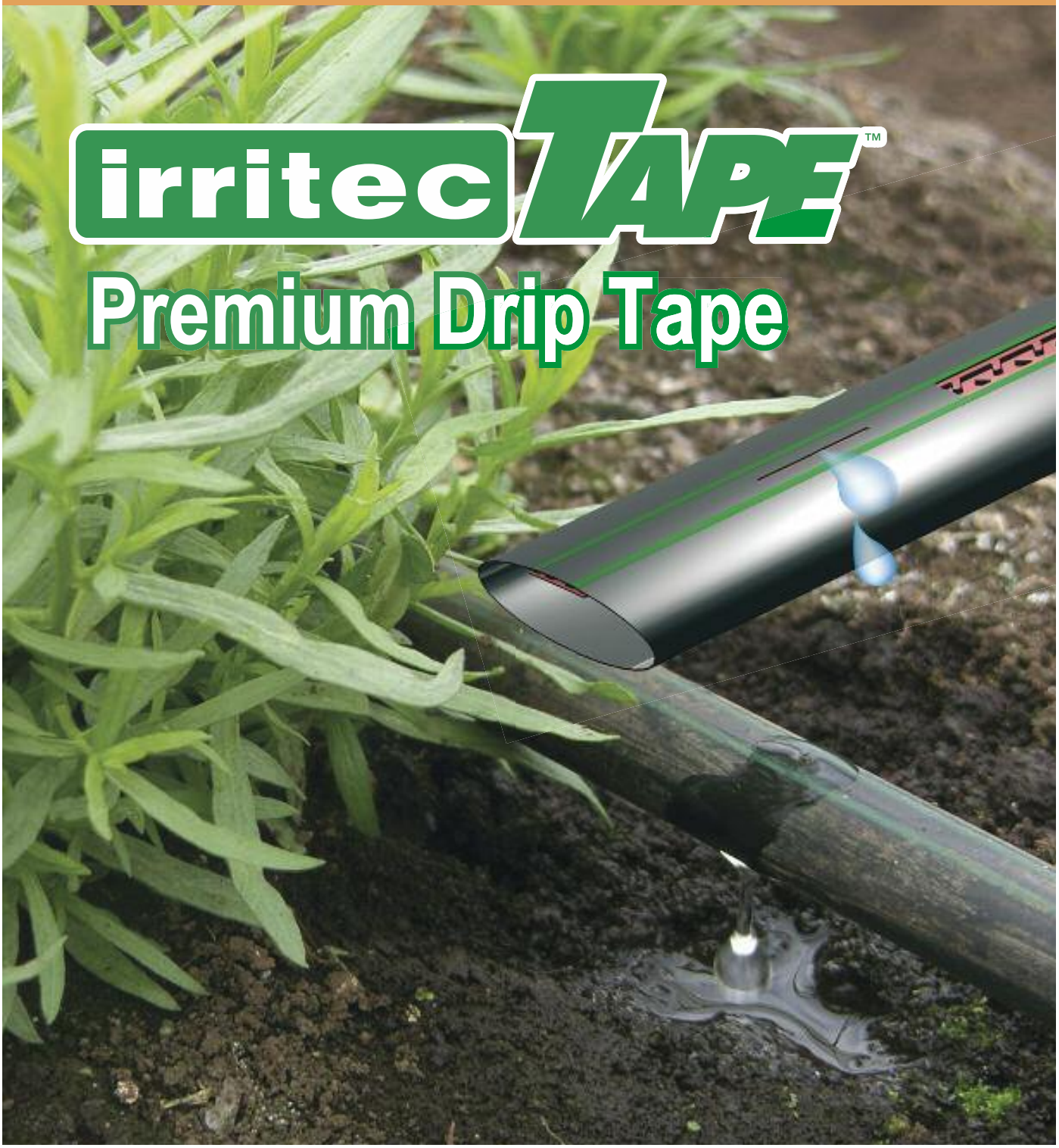
5/8" P1 SHORT REELS 15 MIL X 1000'

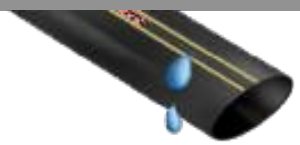
Catalog #	series	list price
P1-51525-06-1000	.25 gph @ 6"	**128.72**
P1-51525-08-1000	.25 gph @ 8"	**115.88**
P1-51525-12-1000	.25 gph @ 12"	**110.49**
P1-51533-06-1000	.33 gph @ 6"	**128.72**
P1-51533-08-1000	.33 gph @ 8"	**115.88**
P1-51533-12-1000	.33 gph @ 12"	**110.49**

Note: Diameter 15.5" Width 8" Wt. 14.5 lbs



IrritecTape Premium Drip Tape





irritecTAPE 5/8" DIAMETER (16MM)

Catalog #	mil	flow	dripper spacing	q-100 gpm/100' @8 psi	reel length (feet)	list price per 1,000'	list price reel
Q9-50504100I	5	Medium	6	1.08	13,000'		
Q9-5050667I	5	Medium	6	0.71	13,000'		
Q9-5050823I	5	Ultra Low	8	0.23	13,000'		
Q9-5050834I	5	Low	8	0.36	13,000'		
Q9-5050850I	5	Medium	8	0.54	13,000'		
Q9-5050867I	5	High	8	0.71	13,000'		
Q9-5051234I	5	Medium	12	0.36	13,000'		
Q9-5051245I	5	High	12	0.47	13,000'		
Q9-5060823I	6	Ultra Low	8	0.23	13,000'		
Q9-5060834I	6	Low	8	0.36	10,000'		
Q9-5060850I	6	Medium	8	0.54	10,000'	**Call for pricing**	**Call for pricing**
Q9-5060867I	6	High	8	0.71	10,000'		
Q9-5061222I	6	Low	12	0.23	10,000'		
Q9-5061234I	6	Medium	12	0.36	10,000'		
Q9-5061245I	6	High	12	0.47	10,000'		
Q9-50804100I	8	Medium	4	1.08	7,500'		
Q9-5080823I	8	Ultra Low	8	0.23	7,500'		
Q9-5080834I	8	Low	8	0.36	7,500'		
Q9-5080850I	8	Medium	8	0.54	7,500'		
Q9-5080867I	8	High	8	0.71	7,500'		
Q9-5081222I	8	Low	12	0.23	7,500'		
Q9-5081234I	8	Medium	12	0.36	7,500'		
Q9-5081245I	8	High	12	0.47	7,500'		

irritecTAPE 7/8" DIAMETER (22MM)

Catalog #	mil	flow	dripper spacing	q-100 gpm/100' @8 psi	reel length (feet)	list price per 1,000'	list price reel
Q9-7060823I	6	Ultra Low	8	0.23	7,382'		
Q9-7060834I	6	Low	8	0.36	7,382'		
Q9-7061234I	6	Medium	12	0.36	7,382'		
Q9-7061222I	6	Low	12	0.23	7,382'		
Q9-7080823I	8	Ultra Low	8	0.23	6,004'		
Q9-7080834I	8	Low	8	0.36	6,004'	**Call for pricing**	**Call for pricing**
Q9-7080867I	8	High	8	0.71	6,004'		
Q9-7081222I	8	Low	12	0.23	6,004'		
Q9-7081234I	8	Medium	12	0.36	6,004'		
Q9-7081245I	8	High	12	0.47	6,004'		
Q9-7100834I	10	Low	8	0.36	4,395'		
Q9-7101222I	10	Low	12	0.23	4,395'		
Q9-7101234I	10	Medium	12	0.36	4,395'		

* Additional flow rates, spacings, and mil thicknesses are available. Call for details.

Flow Rate and Spacing Information

Nominal Flow Rate @ 8 PSI	Terminology Spacing (In)/ GPM/100'	Outlet Spacing Inches	Q - 100 (GPM/100') 8 Psi	Q - 100 (GPM/100') 10 Psi	Emitter Exponent	CV
Ultra Low Flow Dripper .09 Gph	0823	8"	.23	.26	.53	>2%
Low Flow Dripper .14 Gph	0834	8"	.36	.40	.51	>2%
	1222	12"	.24	.27	.51	>2%
	1617	16"	.17	.20	.51	>2%
Medium Flow Dripper .21 Gph	4100	4"	1.07	1.21	.50	>2%
	0667	6"	.71	.81	.50	>2%
	0850	8"	.54	.60	.50	>2%
	1234	12"	.36	.40	.50	>2%
	1625	16"	.27	.31	.50	>2%
High Flow Dripper .28 Gph	4134	4"	1.41	1.61	.50	>2%
	0690	6"	.95	1.07	.50	>2%
	0867	8"	.71	.81	.50	>2%
	1245	12"	.48	.54	.50	>2%
	1634	16"	.36	.40	.50	>2%



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Scott Rossi, Farm Manager
Tanimura & Antle Farms, Salinas, CA

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Chapin BTF Drip Tape

Diameter (Inch)	Wall Thickness (mil)	Reel Length (ft)	Estimated Reel Weight (lbs)	Reel Size Dia. x Width (Inch)	Reels per Pallet
BTF 5/8" (06) Thin-Wall Drip Tape					
5/8" (06)	4	13,000	67	22" x 10"	16
5/8" (06)	5	12,000	70	22" x 10"	16
5/8" (06)	6	10,000	68	22" x 10"	16
5/8" (06)	8	7,500	68	22" x 10"	16
5/8" (06)	10	6,000	65	22" x 10"	16
5/8" (06)	13	4,500	63	22" x 10"	16
5/8" (06)	15	4,000	63	22" x 10"	16
BTF 7/8" (09) Thin-Wall					
7/8" (09)	5	9,000	64	22" x 10"	16
7/8" (09)	6	7,500	63	22" x 10"	16
7/8" (09)	8	5,500	60	22" x 10"	16
7/8" (09)	10	4,500	63	22" x 10"	16
7/8" (09)	13	3,500	60	22" x 10"	16
7/8" (09)	15	3,000	57	22" x 10"	16



* Price On Request. Please contact Jain Customer Service for Pricing & Availability

** Additional flow rates, spacings, & lengths available.

Chapin BTF Ordering Guide

Chapin	Size	Wall Thickness	Spacing	Flow Rates at 6 PSI	Flow Rates at 8 PSI	Flow Rates at 10 PSI	Length (100s ft.)	
			Inch	gpm/100ft	gpm/100ft	gpm/100ft	5/8"	7/8"
BTF	5/8" (06)	04	08	0.40	-	-	130	-
				0.50	-	-		
				0.65	-	-		
			12	0.25	-	-		
				0.30	-	-		
				0.40	-	-		
				0.50	-	-		
BTF	5/8" (06)	05	4		0.80	1.00	120	-
					1.06	1.33		
					1.44	1.80		
		06	6		0.40	0.50	100	075
					0.52	0.65		
		07			0.68	0.85	084	065
					1.06	1.33		
		08	8		0.32	0.40	075	055
					0.40	0.50		
					0.52	0.65		
					0.68	0.85		
					1.20	1.50		
	7/8" (09)	10	12		0.20	0.25	060	045
					0.24	0.30		
		13			0.32	0.40	050	035
					0.40	0.50		
					0.52	0.65		
		15			0.80	1.00	040	030
			16		0.16	0.20		

Example: BTF 06 06 08 050 100

Model: BTF 06 06 08 050-100 | Description: Chapin BTF 5/8" (06) ID, 6 mil, 8" Spacing, 0.50 gpm/100 ft, 10,000 Ft/reel

Chapin Deluxe Drip Tape

Diameter (Inch)	Wall Thickness (mil)	Reel Length (ft)	Estimated Reel Weight (lbs)	Reel Size Dia. x Width (Inch)	Reels per Pallet
DLX 5/8" (06) Thin-Wall Drip Tape					
5/8" (06)	5	12,000	72	22" x 12"	12
5/8" (06)	6	10,000	77	22" x 12"	12
5/8" (06)	8	7,500	73	22" x 12"	12
5/8" (06)	10	6,000	69	22" x 12"	12
5/8" (06)	13	4,500	68	22" x 12"	12
5/8" (06)	15	4,000	68	22" x 12"	12
DLX 7/8" (09) Thin-Wall Drip Tape					
7/8" (09)	5	9,000	66	22" x 12"	12
7/8" (09)	6	7,500	56	22" x 12"	12
7/8" (09)	8	5,500	54	22" x 12"	12
7/8" (09)	10	4,500	54	22" x 12"	12
7/8" (09)	13	3,500	53	22" x 12"	12
7/8" (09)	15	3,000	53	22" x 12"	12



* Price On Request. Please contact Jain Customer Service for Pricing & Availability

** Additional flow rates, spacings, & lengths available.

Chapin DLX Ordering Guide

Chapin	Size	Wall Thickness	Spacing	Flow Rates at 6 PSI	Flow Rates at 8 PSI	Flow Rates at 10 PSI	Length (100s ft.)	
			Inch	gpm/100ft	gpm/100ft	gpm/100ft	5/8"	7/8"
DLX	5/8" (06) 7/8" (09)"	05	2		1.60	2.00	120	–
			4		0.80	1.00		
					1.06	1.33		
					1.44	1.80		
		06	6		0.24	0.30	100	075
					0.32	0.40		
					0.40	0.50		
					0.80	1.00		
		07			1.06	1.33	084	065
			8		0.32	0.40		
					0.40	0.50		
					0.52	0.65		
		08			0.68	0.85	075	055
					1.20	1.50		
			12		0.20	0.25		
					0.24	0.30		
		10			0.32	0.40	060	045
					0.40	0.50		
					0.52	0.65		
					0.80	1.00		
		13			1.20	1.50	050	035
			16		0.16	0.20		
					0.32	0.40		
					0.40	0.50		
		15	18		0.40	0.50	040	030
			24		0.12	0.15		
					0.16	0.20		
					0.24	0.30		
					0.40	0.50		

Example: DLX 09 05 08 050 030

Model: DLX 09 05 08 050-030 | **Description:** Chapin DLX, 5/8" (06) ID, 4 mil, 8" Spacing, 0.50 gpm/100ft, 13,000 ft/reel.

Diameter (in)	Wall Thickness (mil)	Reel Length (ft)	Estimated Reel Weight (lbs)	Pallet Quantity
5/8" Cascade				
5/8" (06)	6	12,000	63	16
5/8" (06)	8	8,000	59	16
5/8" (06)	10	6,700	60	16
5/8" (06)	13	5,400	61	16
5/8" (06)	15	4,000	56	16
7/8" Cascade				
7/8" (09)	8	6,000	61	16
7/8" (09)	10	5,400	63	16
7/8" (09)	13	4,000	66	16
7/8" (09)	15	2,700	54	16
1" Cascade				
1" (10)	10	4,500	65	16
1" (10)	13	3,000	65	16
1" (10)	15	3,000	67	16
1 1/8" Cascade				
1-1/8" (11)	10	4,000	75	16
1-1/8" (11)	13	3,000	74	16
1-1/8" (11)	15	2,700	76	16
1 3/8" Cascade				
1-3/8" (14)	15	2,700	82	16

Note: Please contact Jain Customer Service for price and availability.

Cascade Drip Tape Ordering Guide

Product Model	Hose Size (in)	Wall Thickness (mil)	Spacing (in)	Flow Rate (GPH/ emitter)	Reel Lengths (ft)				
					5/8"	7/8"	1"	1 1/8"	1 3/8"
CD	5/8" (06)	06	8"	0.13	12,000	8,000	N/A	N/A	N/A
	7/8" (09)	08	12"	0.17	8,000	6,000	N/A	N/A	N/A
	1" (10)	10	14"	0.22	6,700	5,400	4,500	4,000	N/A
	1-1/8" (11)	13	16"	0.26	5,400	4,000	3,600	3,600	N/A
	1-3/8" (14)	15	20"	0.37	4,000	2,700	3,000	2,700	2,700
			24"	0.78					
Example: CD	10	13	14	17			045		

Model: CD 10 13 14 17- 036 | **Description:** Cascade, 1" (10) ID - 13 mil - 14" Spacing - 0.17 GPH/emitter - 4,500 ft/reel


0.13 GPH


0.17 GPH


0.22 GPH


0.26 GPH


0.37 GPH


0.78 GPH


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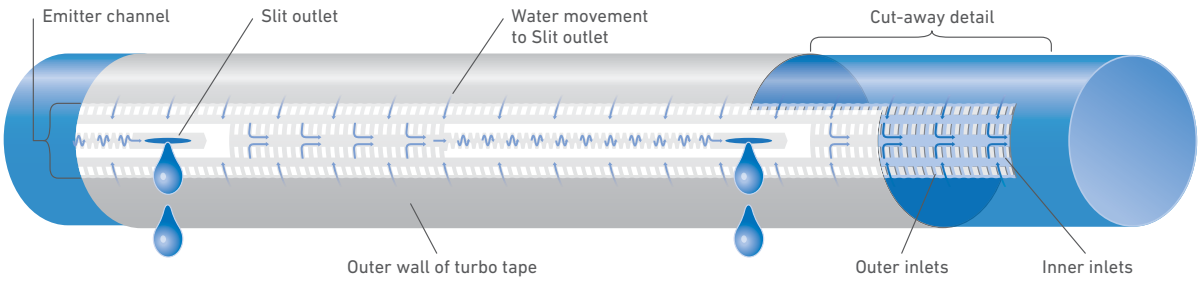
Turbo Tape Echelon Drip Tape

Diameter (in)	Wall Thickness (mil)	Reel Length (ft)	Estimated Reel Weight (lbs)	Pallet Quantity
5/8" (06) Turbo Tape Echelon				
5/8" (06)	5	12,000	75	16
5/8" (06)	6	10,000	73	16
5/8" (06)	8	7,500	74	16
5/8" (06)	10	6,000	69	16
7/8" (09) Turbo Tape Echelon				
7/8" (09)	6	7,500	71	16
7/8" (09)	8	5,500	65	16
7/8" (09)	10	4,500	54	16

Note: Please contact Jain Customer Service for pricing and availability.





Turbo Tape	Size	MIL Thickness	Spacing (inch)	Flow Rates at 8 PSI (GPM/100 ft)	Flow Rates at 10 PSI (GPM/100 ft)	Length (Feet)
TTEX	5/8" (06)	5	6	0.22	0.25	12,000
				0.27	0.30	
			8	0.18	0.20	
				0.22	0.25	
				0.27	0.30	
				0.35	0.40	
				0.43	0.50	
			12	0.18	0.20	
				0.20	0.25	
		6	6	0.22	0.25	10,000
				0.27	0.30	
			8	0.18	0.20	
				0.22	0.25	
				0.27	0.30	
				0.35	0.40	
				0.43	0.50	
			12	0.18	0.20	
				0.20	0.25	
		8	6	0.22	0.25	10,000
				0.27	0.30	
			8	0.18	0.20	
				0.22	0.25	
				0.27	0.30	
				0.35	0.40	
				0.43	0.50	
			12	0.18	0.20	
				0.20	0.25	
		10	6	0.22	0.25	7,500
				0.27	0.30	
			8	0.18	0.20	
				0.22	0.25	
				0.27	0.30	
				0.35	0.40	
				0.43	0.50	
			12	0.18	0.20	
				0.20	0.25	
	7/8" (09)	6	6	0.22	0.25	7,500
				0.27	0.30	
			8	0.18	0.20	
				0.22	0.25	
				0.27	0.30	
				0.35	0.40	
				0.43	0.50	
			12	0.18	0.20	
				0.20	0.25	
		8	6	0.22	0.25	5,500
				0.27	0.30	
			8	0.18	0.20	
				0.22	0.25	
				0.27	0.30	
				0.35	0.40	
				0.43	0.50	
			12	0.18	0.20	
				0.20	0.25	
		10	6	0.22	0.25	4,500
				0.27	0.30	
			8	0.18	0.20	
				0.22	0.25	
				0.27	0.30	
				0.35	0.40	
				0.43	0.50	
			12	0.18	0.20	
				0.20	0.25	

Top Drip PC Emitterline

TopDrip Packaging Information

Size (mm)	Coil Length (ft)	Approx Weight (lbs)	Pallet (Qty)	Truckload (Qty)
17	1,000	36	24	711
18	1,000	39	24	711
20	1,000	44	20	351
22	1,000	56	20	227



Top Drip PC Emitterline Ordering Guide

Product Model	Size (mm)	Wall Thickness (mil)	Flow Rate (GPH/emitter)	Spacing (in)	Indicator Emitter	Length (ft)
TD	TD17 (0.660" OD x 0.570" ID)	35	0.26	12 18 24 30 36 42 48	AS	1000
	TD18 (0.710" OD x 0.620" ID)	40	0.42			
	TD20 (0.780" OD x 0.690" ID)	45*	0.53			
	TD22 (0.920" OD x 0.820" ID)	50	0.61			
Example: TD18		45	42	30	AS	1000

Model: TD18 45 42 30 AS-1000

Description: Top Drip PC Heavy Wall, AS 18mm, 45 wall, 0.42 GPH/emitter, 30" Spacing, Anti-Siphon, 1,000 ft/reel.

* Standard wall thickness



Amnon Emitterline

Amnon Packaging Information

Size (mm)	Coil Length (ft)	Approx Weight (lbs)	Pallet (Qty)	Truckload (Qty)
17	1,000	36	24	711
18	1,000	39	24	711
20	1,000	44	20	351
22	1,000	56	20	227



Amnon Emitterline Ordering Guide

Product Model	Size (mm)	Wall (in)	Flow (GPH)	Spacing (in)	Indicator Emitter	Length (ft)
AP	AP17 (.660" O.D. x .570" I.D.) AP18 (.710" O.D. x .620" I.D.) AP20 (.800" O.D. x .710" I.D.) AP22 (.920 OD x .820 I.D.)	35 40 45 * 50	0.29 0.42 0.53 0.61 1.06	12 18 24 30 36 42 48 60	AS CNL	1000
Example: AP18		45	42	30	AS	1000

Model: AP18 45 42 30 AS-1000
Description: 18mm tubing, 45" wall, 42 GPH Amnon AS Emitter, 30" spacing on emitters,1000' Coil
* Standard wall thickness
Note: Please contact Customer Service for price and availability.
AS = Anti-Siphon **CNL** = Check-Valve No Leak



Amnon Emitterline with Clips

Amnon with Clips Packaging Information

Size (mm)	Coil Length (ft)	Approx. Weight (lbs)	Pallet (Qty)	Truckload (Qty)
18	1,000	40	24	450
20	1,000	45	20	351





Amnon Emitterline with Clips Ordering Guide

Product Model	Size (mm)	Wall (in)	Flow (GPH)	Spacing (in)	Indicator Emitter	Clip (in)	Length (ft)
CAP	CAP18 (.710" O.D. x .620" I.D.) CAP20 (.800" O.D. x .710" I.D.)	.40" .45" * .50"	0.29 0.42 0.53 0.61 1.06	12 18 24 30 36 42 48	AS CNL	12 18 24 30 36 42 48	1000
Example: CAP20		45	53	24	AS	24	1000

Model: CAP20 45 53 24 AS 24-1000
Description: 20mm tubing, 45" wall, 0.53 GPH Amnon AS Emitter, 24" spacing on emitters and 24" spacing on clips, 1000' Coil
* Standard wall thickness

Aqualine Packaging Information

Size (mm)	Coil Length (ft)	Approx Weight (lbs)	Pallet (Qty)	Truckload (Qty)
16	100	4	60	
	500	18	24	
	1000	35	24	700*
18	100	4	60	
	500	19	24	
	1000	39	24	630*
20	100	5	60	
	500	22	24	
	1000	45	14	390*

*Approximate Handstacked Quantities



Aqualine Emitterline

Aqualine Traditional Ordering Guide (Non-PC Emitterline)

Product Model	Tubing Size (mm)	Flow (GPH)	Spacing (in)	Length (ft)
A	A16 (0.640" O.D. x .550" I.D.)	0.53 1.00	12 18 24 30 36 42 48 60	100 500 1000
	A18 (0.710" O.D. x .620" I.D.)	0.53 0.75 1.00		
	A20 (0.800" O.D. x .710" I.D.)	0.53 1.00		
Example: A18		53	30	1000

Model : A18-53-30-1000
Description: Aqualine Traditional 18 mm tubing, 0.53 GPH emitter, 30" spacing on emitters, 1000' Coil



Aqualine Emitters

Aqualine Signature Ordering Guide (PC Emitterline)

Product Model	Tubing Size (mm)	Flow (GPH)	Spacing (in)	Indicator Emitter	Length (ft)
A	A16 (0.640" O.D. x 0.550" I.D.)	0.42 0.50 1.00	12 18 24 30 36 42 48 60	PC	100 500 1000
	A18 (0.710" O.D x 0.620" I.D)	0.50 0.85			
	A20 (0.800" O.D. x 0.710" I.D.)	0.52 0.90			
Example: A20		55	36	PC	1000

Model: A20 55 36 PC-1000
Description: Aqualine Signature 20mm tubing, 0.52 GPH emitter, 36" spacing on emitters, 1000' Coil



Aqualine Emitters

Aqualine Clip Line Packaging Information

Size (mm)	Coil Length (ft)	Approx Weight (lbs)	Pallet (Qty)	Truckload (Qty)
18	1000	40	24	425*
20	1000	46	12	350*

* Approximate Handstacked Quantities





Aqualine Traditional Clip Line Ordering Guide (Non-PC Emitterline)

Product Model	Tubing Size (mm)	Flow (GPH)	Spacing (in)	Length (ft)
C	C18 (0.710" O.D. x 0.620" I.D.)	0.50 0.85	12 18 24 30 36 42 48 60	1000
	C20 (0.800" O.D. x 0.710" I.D.)	0.52 0.90		
Example: C18		53	30	1000

Model: C18 53 30-1000 | **Description:** Aqualine Traditional Clip Line 18 mm tubing, 0.50 GPH emitter, 30" spacing on emitters, 1000' Coil

Aqualine Signature Clip Line Ordering Guide (PC Emitterline)

Product Model	Tubing Size (mm)	Flow (GPH)	Spacing (in)	Indicator Emitter	Length (ft)
C	C20 (0.800" O.D.x 0.710" I.D.)	0.52 0.90	12 18 24 30 36 42 48 60	PC	1000
Example: C20		52	36	PC	1000

Model: C20 55 36 PC-1000 | **Description:** Aqualine Signature Clip Line 20mm tubing, 0.52 GPH emitter, 36" spacing on emitters, 1000' Coil

Total CV Emitterline

Model #	Part #	Description	Dimension I.D	Dimension O.D	Coil Length (ft)	Color	Est. Weight (lbs)	Pallet (Qty)
Total CV Emitterline								
CV-67-61-12-10	**71500740**	700 x 600 0.61GPH @ 12"	0.6	0.7	100	Black	5	60
CV-67-61-12-50	**71500741**	700 x 600 0.61GPH @ 12"	0.6	0.7	500	Black	19	24
CV-67-61-18-10	**71500803**	700 x 600 .61GPH @18"	0.6	0.7	100	Black	5	60
CV-67-61-18-50	**71500804**	700 x 600 .61GPH @ 18"	0.6	0.7	500	Black	19	24
CV-67-100-12-10	**71500890**	700 x 600 1.0GPH @ 12"	0.6	0.7	100	Black	5	60
CV-67-100-12-50	**71500921**	700 x 600 1.0GPH @ 12"	0.6	0.7	500	Black	19	24
CV-67-100-18-10	**71500805**	700 x 600 1.0GPH @ 18"	0.6	0.7	100	Black	5	60
CV-67-100-18-50	**71500922**	700 x 600 1.0GPH @ 18"	0.6	0.7	500	Black	19	24
CV-17-61-12-10	**71591201**	17 mm 0.61GPH @ 12"	0.56	0.66	100	Brown	5	60
CV-17-61-12-50	**71591207**	17 mm 0.61GPH @ 12"	0.56	0.66	500	Brown	19	24
CV-17-61-18-10	**71591213**	17 mm 0.61GPH @ 18"	0.56	0.66	100	Brown	5	60
CV-17-61-18-50	**71591219**	17 mm 0.61GPH @ 18"	0.56	0.66	500	Brown	19	24
CV-17-100-12-10	**71591301**	17 mm 1.0GPH @ 12"	0.56	0.66	100	Brown	5	60
CV-17-100-12-50	**71591307**	17 mm 1.0GPH @ 12"	0.56	0.66	500	Brown	19	24
CV-17-100-18-10	**71591313**	17 mm 1.0GPH @ 18"	0.56	0.66	100	Brown	5	60
CV-17-100-18-50	**71591319**	17 mm 1.0GPH @ 18"	0.56	0.66	500	Brown	19	24
660x560-100PEB	**71200503**	17mm PE (blank)	0.56	0.66	100	Brown	5	60
660x560-500PEB	**71200505**	17mm PE (blank)	0.56	0.66	500	Brown	19	24

Note: Other flow rates, spacings and lengths available. Contact Jain Customer Service for price and availability.



Total CV Emitterline (Brown)



Total CV Emitterline (Black)

TOTAL CV Emitterline Ordering Guide

Product Model	Tubing Size (mm)	Flow Rate (GPH)	Spacing (in)	Coil Length (ft)	Color
CV	CV17 (0.560 I.D. x 0.660 O.D.) CV67 (0.600 I.D. x 0.700 O.D.)	0.29 0.42 0.53 0.61 1.00	12 18 24	100 (10) 500 (50) 1000 (100)	- (Black) B (Brown)
Example: CV17		53	12	50	B

Model: CV17 53 12 50-B | **Description:** TOTAL CV 17mm, 0.53 GPH emitter, 12" spacing on emitter, 500' Brown Coil



Mini-Pepline Emitterline

Model #	Part #	Description	Coil Length (ft)	Color	Est. Weight (lbs)	Box (Qty)	Stock Code
Mini-Pepline (.250 O.D x .170 I.D)							
PM0406100	**71500023**	6" Emitter Spacing	100	Black	2.6	20	
PM0406100B	**71500880**	6" Emitter Spacing	100	Brown	2.6	20	
PM0412100	**71500025**	12" Emitter Spacing	100	Black	1.7	20	
PM0412100B	**71500881**	12" Emitter Spacing	100	Brown	1.7	20	
PM0406500	**71500861**	6" Emitter Spacing	500	Black	13.8	2	
PM0412500	**71500862**	12" Emitter Spacing	500	Black	13.4	2	MTO
PM04061000	**71500867**	6" Emitter Spacing	1000	Black	27.6	2	MTO
PM04061000B	**71500868**	6" Emitter Spacing	1000	Brown	27.6	2	MTO

Model #	Flow Rate (GPH)	Spacing (in)	Coil Length (ft)	Color
PM04	**0.50** 1.00	06 **12**	100 250 500	- (Black) B (Brown)
Example: PM04	50	12	50	B

Model: PM04 50 12 50-B
Description: Mini-Pepline, 0.50 GPH emitter, 12" spacing on emitter, 500' Brown Coil



Mini-Pepline (Brown)



Mini-Pepline (Black)



TAPE & EMITTERLINE Part# Index

Part #	Model #	Page	Price
71200503	660x560-100PEB	A-14	$44.09
71200505	660x560-500PEB	A-14	$119.72
71500023	PM0406100	A-16	$33.06
71500025	PM0412100	A-16	$26.45
71500740	CV-67-61-12-10	A-14	$80.79
71500741	CV-67-61-12-50	A-14	$404.13
71500803	CV-67-61-18-10	A-14	$71.02
71500804	CV-67-61-18-50	A-14	$264.48
71500805	CV-67-100-18-10	A-14	$60.83
71500861	PM0406500	A-16	$165.61
71500862	PM0412500	A-16	$132.24
71500867	PM04061000	A-16	$486.93
71500868	PM04061000B	A-16	$494.34

Part #	Model #	Page	Price
71500880	PM0406100B	A-16	$33.06
71500881	PM0412100B	A-16	$26.45
71500890	CV-67-100-12-10	A-14	$86.64
71500921	CV-67-100-12-50	A-14	$325.03
71500922	CV-67-100-18-50	A-14	$264.48
71591201	CV-17-61-12-10	A-14	$58.19
71591207	CV-17-61-12-50	A-14	$252.12
71591213	CV-17-61-18-10	A-14	$52.90
71591219	CV-17-61-18-50	A-14	$241.00
71591301	CV-17-100-12-10	A-14	$58.19
71591307	CV-17-100-12-50	A-14	$252.12
71591313	CV-17-100-18-10	A-14	$52.90
71591319	CV-17-100-18-50	A-14	$241.00

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Page	Model #	Part #	Price
A-14	660x560-100PEB	71200503	$44.09
A-14	660x560-500PEB	71200505	$119.72
A-14	CV-67-61-12-10	71500740	$80.79
A-14	CV-67-61-12-50	71500741	$404.13
A-14	CV-67-61-18-10	71500803	$71.02
A-14	CV-67-61-18-50	71500804	$264.48
A-14	CV-67-100-18-10	71500805	$60.83
A-14	CV-67-100-12-10	71500890	$86.64
A-14	CV-67-100-12-50	71500921	$325.03
A-14	CV-67-100-18-50	71500922	$264.48
A-14	CV-17-61-12-10	71591201	$58.19
A-14	CV-17-61-12-50	71591207	$252.12
A-14	CV-17-61-18-10	71591213	$52.90

Page	Model #	Part #	Price
A-14	CV-17-61-18-50	71591219	$241.00
A-14	CV-17-100-12-10	71591301	$58.19
A-14	CV-17-100-12-50	71591307	$252.12
A-14	CV-17-100-18-10	71591313	$52.90
A-14	CV-17-100-18-50	71591319	$241.00
A-16	PM0406100	71500023	$33.06
A-16	PM0412100	71500025	$26.45
A-16	PM0406500	71500861	$165.61
A-16	PM0412500	71500862	$132.24
A-16	PM04061000	71500867	$486.93
A-16	PM04061000B	71500868	$494.34
A-16	PM0406100B	71500880	$33.06
A-16	PM0412100B	71500881	$26.45



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100	B–04	Bubbler and Nursery Tubing
101	B–05	IPS Flex Risers and Irrigation Hose
102	B–06	Black Steel Tubing
103	B–07	Polyethylene Supply Tubing
105	B–09	Oval and Aqua-Flat Hose

Micro / Distribution Tubing

Micro / Distribution Tubing - **Vinyl** Cut Lengths

All micro tubing sizes are available in various cut lengths.



Micro / Distribution Tubing - **PE** Cut Lengths

All micro tubing sizes are available in various cut lengths.



Note: Contact Jain customer service for price and availability

Model #	Part #	Description	Size (mm)	Coil Length (ft)	Box (Qty)	Box Code	Estimated Box Wt (lbs)	Pallet Qty	Stock Code
Micro / Distribution Tubing - Vinyl Coils									
187x125-50V	**71190168**	0.187" x 0.125"	4.7 x 3.2	50	40			1000	MTO
187x125-100V	**71190172**	0.187" x 0.125"	4.7 x 3.2	100	25	M	26.0	900	
187x125-500V	**71190151**	0.187" x 0.125"	4.7 x 3.2	500	2			72	MTO
187x125-1000V	**71190591**	0.187" x 0.125"	4.7 x 3.2	1000	2	M	23.0	72	
187x125-3000V	**11190592**	0.187" x 0.125"	4.7 x 3.2	3000	1	M	32.0	36	MTO
220x160-50V	**71190055**	0.220" x 0.160"	5.6 x 4.1	50	40			1000	MTO
220x160-100V	**71190042**	0.220" x 0.160"	5.6 x 4.1	100	20	M	21.0	720	
220x160-500V	**71190685**	0.220" x 0.160"	5.6 x 4.1	500	2			72	MTO
220x160-1000V	**11190597**	0.220" x 0.160"	5.6 x 4.1	1000	2	M	25.0	72	
220x160-2500V	**11190598**	0.220" x 0.160"	5.6 x 4.1	2500	1	M	30.0	36	
250x160-100V	**71500656**	0.250" x 0.160"	6.4 x 4.1	100	20	M	27.0	540	
250x160-1000V	**71500657**	0.250" x 0.160"	6.4 x 4.1	1000	2	M	35.0	72	MTO
250x170-50V	**71190355**	0.250" x 0.170"	6.4 x 4.3	5000	30			1440	MTO
250x170-100V	**71190351**	0.250" x 0.170"	6.4 x 4.3	100	15	M	28.0	540	
250x170-500V	**71190636**	0.250" x 0.170"	6.4 x 4.3	500	2			72	MTO
250x170-1000V	**11190602**	0.250" x 0.170"	6.4 x 4.3	1000	2	M	36.0	72	
276x158-1000V	**11190166**	0.276" x 0.158"	7.0 x 4.0	1000	1	M	36.0	36	



0.187 x 0.125 (100' Coil)

Micro / Distribution Tubing

Model #	Part #	Description	Size (mm)	Coil Length	Box Qty	Box Code	Pallet Qty	Stock Code
Micro / Distribution Tubing - PE Coils								
125x063-3500PE	**11190661**	0.125" x 0.063"	3.2 x 1.6	3500	2	M	72	MTO
128x036-2500PE	**11190805**	0.128" x 0.036"	3.3 x 0.9	2500	2	M	72	
128x050-2500PE	**11190809**	0.128" x 0.050"	3.3 x 1.3	2500	2	M	72	
128x060-2500PE	**11190813**	0.128" x 0.060"	3.3 x 1.5	2500	1	M	36	MTO
128x076-2500PE	**11190648**	0.128" x 0.076"	3.3 x 1.9	2500	1	M	36	
187x125-100PE	**11190149**	0.187" x 0.125"	4.7 x 3.2	100	25	M	900	
187x125-1000PE	**11190589**	0.187" x 0.125"	4.7 x 3.2	1000	2	M	72	
187x125-3000PE	**11190590**	0.187" x 0.125"	4.7 x 3.2	3000	1	M	36	
188x128-3000PE	**11190593**	0.188" x 0.128"	4.8 x 3.3	3000	1	M	36	
220x160-100PE	**71190255**	0.220" x 0.160"	5.6 x 4.1	100	20	M	720	
220x160-500PE	**71190801**	0.220" x 0.160"	5.6 x 4.1	500	2	M	72	MTO
220x160-1000PE	**71190595**	0.220" x 0.160"	5.6 x 4.1	1000	2	M	72	
220x160-2500PE	**11190596**	0.220" x 0.160"	5.6 x 4.1	2500	1	M	36	
225x155-2500PE	**11190609**	0.225" x 0.155"	5.7 x 3.9	2500	1	M	36	MTO
250x160-1000PE	**11190078**	0.250" x 0.160"	6.4 x 4.1	1000	2	M	72	
250x170-50P	**71190338**	0.250" x 0.170"	6.4 x 4.3	50	20		720	MTO
250x170-500PE	**71190320**	0.250" x 0.170"	6.4 x 4.3	500	2	M	72	
250x170-1000PE	**71190600**	0.250" x 0.170"	6.4 x 4.3	1000	2	M	72	
250x170-2000PE	**11190601**	0.250" x 0.170"	6.4 x 4.3	2000	1	M	36	
272x188-1500PE	**11190614**	0.272" x 0.188"	6.9 x 4.8	1500	1	M	36	
275x210-1500PE	**11190616**	0.275" x 0.210"	7.0 x 5.3	1500	1	M	36	
307x250-1000PE	**11190605**	0.307" x 0.250"	7.8 x 6.4	1000	1	M	36	
350x250-100PE	**11190511**	0.350" x 0.250"	8.9 x 6.4	100	12	D	288	MTO
350x250-500PE	**11190621**	0.350" x 0.250"	8.9 x 6.4	500	2	M	72	
350x250-1000PE	**11190622**	0.350" x 0.250"	8.9 x 6.4	1000	1	M	36	
375x250-750PE	**11190624**	0.375" x 0.250"	9.5 x 6.4	750	1	M	36	
455x375-100PE	**11190529**	0.455" x 0.375"	11.6 x 9.5	100			60	
455x375-500PE	**11190531**	0.455" x 0.375"	11.6 x 9.5	500			40	
455x375-1000PE	**11190534**	0.455" x 0.375"	11.6 x 9.5	1000			24	



0.250 x 0.170 (2500' Coil)

Bubbler and Nursery Tubing

Model #	Part #	Description	Box (Qty)	Box Wt (lbs)	Box Code	Pallet (Qty)	Stock Code
Bubbler Tubing							
PQB-100	**71500155**	100' coil of POLY Bubbler tubing banded with instructions	20	32.0	M	540	
PQB-1000	**71500156**	1000' coil of POLY Bubbler tubing on starburst reel	2	36.0	M	96	MTO
PQBV-100	**71500158**	100' coil of VINYL Bubbler tubing banded with instructions	20	32.0	M	540	
PQBV-1000	**71500159**	1000' coil of VINYL Bubbler tubing on starburst reel	2	36.0	M	96	MTO
1/4" Nursery Tubing							
187x125-100N	**11190788**	100' coil of nursery tubing - white	25	18.0	M	900	MTO
187x125-1000N	**11190789**	1000' coil of nursery tubing - white	2	16.0	M	72	MTO
187x125-3000N	**11190790**	3000' coil of nursery tubing - white	1	22.0	M	36	MTO
220x150-100N	**11190791**	100' coil of nursery tubing - white	20	21.0	M	720	MTO
220x150-1000N	**11190792**	1000' coil of nursery tubing - white	2	25.0	M	72	MTO
220x150-2500N	**11190793**	2500' coil of nursery tubing - white	1	30.0	M	36	MTO





Note: For use with Octa-Bubbler, Quadra Bubbler and QB2 manifolds.



IPS Flex Risers and Irrigation Hose

Model #	Part #	Description	Coil Length (ft)	Bundle (Qty)	Est Coil Bundle Wt (lbs)	Pallet (Qty)	Stock Code
1/2" IPS 0.840 O.D. 0.147 WALL							
1/2-IPS-100	**11210008**	1/2" IPS	100	-	21.0	50	
1/2-IPS-200	**11210007**	1/2" IPS	200	-	42.0	24	
1/2-IPS-CL12	**11210010**	1/2" IPS	12	50	10.0	3000	MTO
1/2-IPS-CL24	**11210017**	1/2" IPS	24	50	21.0	2500	
1/2-IPS-CL30	**11210020**	1/2" IPS	30	50	26.0	2000	MTO
1/2-IPS-CL36	**11210021**	1/2" IPS	36	50	31.0	1200	
1/2-IPS-CL42	**11210023**	1/2" IPS	42	50	37.0	1500	MTO
1/2-IPS-CL48	**11210025**	1/2" IPS	48	50	41.0	1500	
1/2-IPS-CL60	**11210028**	1/2" IPS	60	50	51.0	1500	
1/2-IPS-CL72	**11210029**	1/2" IPS	72	50	63.0	1500	
3/4" IPS 1.05 O.D. 0.154 WALL							
3/4-IPS-100	**11210061**	3/4" IPS	100	-	27.0	36	
3/4-IPS-200	**11210060**	3/4" IPS	200	-	54.0	24	
3/4-IPS-CL5	**11210082**	3/4" IPS	5	25		5	MTO
3/4-IPS-CL18	**11210068**	3/4" IPS	18	25	11.0	3000	MTO
3/4-IPS-CL24	**11210071**	3/4" IPS	24	25	14.0	2000	
3/4-IPS-CL30	**11210074**	3/4" IPS	30	25	17.0	2000	
3/4-IPS-CL36	**11210077**	3/4" IPS	36	25	20.0	1500	
3/4-IPS-CL42	**11210079**	3/4" IPS	42	25	24.0	1500	
3/4-IPS-CL48	**11210081**	3/4" IPS	48	25	27.0	1500	
3/4-IPS-CL60	**11210085**	3/4" IPS	60	25	34.0	1000	
3/4-IPS-CL72	**11210087**	3/4" IPS	72	25	42.0	500	
1" IPS 1.315 O.D. 0.179 WALL							
1-IPS-100	**11210042**	1" IPS	100	-	41.0	24	
1-IPS-CL24	**11210046**	1" IPS	24	20	17.0	1200	
1-IPS-CL30	**11210047**	1" IPS	30	20	20.5	800	
1-IPS-CL36	**11210048**	1" IPS	36	20	24.6	800	
1-IPS-CL48	**11210050**	1" IPS	48	20	33.0	800	



Note: Use IPS #2795 or equivalent to glue into PVC fittings or saddles. Jain vinyl IPS pipe and irrigation hose are designed for use in irrigation systems. They are not for use on indoor systems or for static flow, continuous pressure(no-flow) conditions, hot water, or as potable water service pipe. Use caution in above ground applications, as the pipe could be subjected to higher operating temperatures. High temperatures will greatly reduce pressure-holding policy.

Model #	Part #	Description	Box (Qty)	Box Wt (lbs)	Pallet (Qty)
Flex Vinyl Irrigation Hose - 1/2" hose 0.680 O.D. 0.090 wall					
1/2-IH	11210034	1/2" Irrigation Hose	500	54.0	24
Flex Vinyl Irrigation Hose - 5/8" hose 0.825 O.D. 0.100 wall					
5/8-IH	11210093	5/8" Irrigation Hose	300	46.0	24
Flex Vinyl Irrigation Hose - 3/4" hose 0.970 O.D. 0.110 wall					
3/4-IH	11210054	3/4" Irrigation Hose	200	39.0	24



Note: Used in hose pull type irrigation systems. Contact JAIN Customer Service for price and availability.

Black Steel Tubing

Model	Model #	Part #	Nominal Size (in)	Power-Loc	Coil Length (ft)	Working Pressure	Stock Code
Black Steel Tubing*							
Model 620	B620-42-1200	**11200444**	1/2"	PL-60	1200	54	MTO
Model 720	B720-45-1200	**11200445**	5/8"	PL-70	1200	52	MTO
Model 820	B820-47-1200	**11200450**	3/4"	PL-80	1200	55	MTO
Model 1060	B1060-57-660	**11200452**	1"	PL-100	660	46	MTO

* For use with Power-Loc fittings only.



Polyethylene Supply Tubing

Model #	Part #	Nominal Size (in)	I.D.	O.D.	Coil Length (ft)	Coil Width	Coil Height	Pallet Qty	Estimated Wt (lbs)	Working Pressure	Stock Code
Supply Tubing - PE - Black											
455X375-500PE	**11190531**	3/8	0.375"	0.455"	500 FT	17	10	36	11	77	
455X375-1000PE	**11190534**	3/8	0.375"	0.455"	1000 FT	24	10	36	21	77	
620X520-100PE	**71200061**	1/2	0.520"	0.620"	100 FT	16	6	78	2	70	
620X520-500PE	**71200064**	1/2	0.520"	0.620"	500 FT	24	24	28	18	70	
620X520-1000PE	**11200067**	1/2	0.520"	0.620"	1000 FT	30	24	28	36	70	
700X600-100PE	**71200002**	1/2	0.600"	0.700	100 FT	16	6	78	4	62	
700X600-500PE	**71200007**	1/2	0.600"	0.700	500 FT	22	12	28	21	62	
700X600-1000PE	**11200001**	1/2	0.600"	0.700"	1000 FT	31	10	28	41	62	
710X620-100PE	**71200012**	1/2	0.620"	0.710"	100 FT	16	6	78	10	54	
710X620-500PE	**71200017**	1/2	0.620"	0.710"	500 FT	24	10	28	19	54	
710X620-1000PE	**11200018**	1/2	0.620"	0.710"	1000 FT	31	10	24	38	54	
820X720-1000PE	**11200195**	5/8	0.720"	0.820"	1000 FT	36	10	12	49	52	
927X817-100PE	**11200045**	3/4	0.817"	0.927"	100 FT	22	6	40	6	50	
927X817-500PE	**11200048**	3/4	0.817"	0.927"	500 FT	33	10	12	30	50	MTO
927X817-1000PE	**11200049**	3/4	0.817"	0.927"	1000 FT	42	10	6	61	50	MTO
940X820-100PE	**71200041**	3/4	0.820"	0.940"	100 FT	22	6	40	7	55	
940X820-250PE	**71200043**	3/4	0.820"	0.940"	250 FT	27	8	24	17	55	
940X820-500PE	**71200044**	3/4	0.820"	0.940"	500 FT	33	10	12	34	55	
940X820-1000PE	**11200040**	3/4	0.820"	0.940"	1000 FT	42	10	6	67	55	MTO
940X830-500PE	**11200138**	3/4	0.830"	0.940"	500 FT	33	10	12	31	50	
940X830-1000PE	**11200119**	3/4	0.830"	0.940"	1000 FT	42	10	6	62	50	
1174X1050-100PE	**11200030**	1	1.050"	1.174"	100 FT	31	6	10	9	45	MTO
1174x1050-660PE	**11200029**	1	1.050"	1.174"	660 FT	45	10	6	58	45	MTO
1190X1060-660PE	**11200108**	1	1.060"	1.190"	660 FT	46	10	6	61	46	MTO
1200X1060-660PE	**11200025**	1	1.060"	1.200"	660 FT	46	10	6	67	50	
1550X1390-300PE	**11200014**	1 1/4	1.390"	1.550"	300 FT	52	8	10	37	44	

Note: Working pressure is the PSI ASAE S435 Standard at 73 degrees Fahrenheit.



100% Virgin Resin Polyethylene

Polyethylene Supply Tubing

Model #	Part #	Nominal Size	Wall Thickness	Coil Length (ft)	Pallet Qty	Estimated Coil Wt (lbs)	Pallet Qty	Est Weight (lbs)	Stock Code
Supply Tubing - White									
W520X620-50	**11200603**	0.620"	0.050"	0.520"	0.050"	500'	28	18	MTO
W520X620-100	**11200604**	0.620"	0.050"	0.520"	0.050"	1,000'	28	36	MTO
W600X700-50	**11200601**	0.700"	0.050"	0.600"	0.050"	500'	28	21	MTO
W600X700-100	**11200602**	0.700"	0.050"	0.600"	0.050"	1,000'	28	41	MTO
W620X710-50	**11202001**	0.710"	0.045"	0.620"	0.045"	500'	28	19	MTO
W620X710-100	**11202002**	0.710"	0.045"	0.620"	0.045"	1,000'	24	38	MTO
W830X940-50	**11202003**	0.940"	0.060"	0.820"	0.060"	500'	10	34	MTO
W106X120-50	**11202005**	1.20"	0.070"	1.06"	0.070"	500'	8	50	MTO



Model #	Part #	Description	Coil Length (ft)	Estimated Coil Wt (lbs)	Pallet Qty
Softube - Tire Wrap Packaging					
680x490-STTW	**71230030**	1/2" Softube 100'	100	7.0	60
Poly Swing Pipe - Tire Wrap Packaging					
690x490-PETW	**71230004**	1/2" Poly Swing Pipe	100	8.0	60



Minimum Order Requirements:

Blank Tubing (Black) - 0.900" OD and Above
MTO Custom - 40,000' Minimum
$500 Set-Up Charge for < 40,000'
Overages - Up to 10% of Order - Will Be Shipped & Invoiced

Blank Tubing (Black) - 0.899" OD and Below
MTO/Custom - 80,000' Minimum
$500 Set-Up Charge for < 80,000'
Overages - Up to 10% of Order - Will Be Shipped & Invoiced

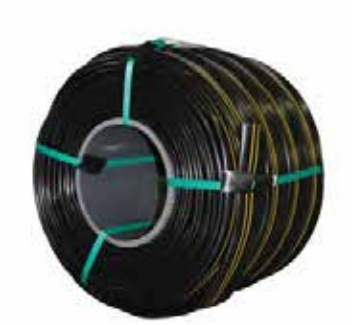
Custom Color Blank Tubing- Any Color/Any Size
MTO/Custom - 100,000' Minimum
$1000 Set-Up Charge for < 100,000'
Overages - Up to 10% of Order - Will Be Shipped & Invoiced

Oval Hose

Model #	Part #	Description	Coil Length (ft)	Estimated Coil Wt (lbs)	Pallet Qty
Oval Hose					
JOH040040F300	**11220086**	1-1/2" Oval Hose, 0.040" wall, 21 psi	300	34.7	24
JOH052051F450	**11220081**	2" Oval Hose, 0.051" wall, 21 psi	450	75	12
JOH077076F200	**11220082**	3" Oval Hose, 0.076" wall, 21 psi	200	70	24
JOH101100F130	**11220083**	4" Oval Hose, 0.100" wall, 21 psi	130	77	24
JOH151109F100	**11220084**	6" Oval Hose, 0.109" wall, 21 psi	100	100	16

Aqua-Flat Hose

Model #	Part #	Nominal Size (in)	Inner Diameter (in)	Wall Thickness(in)	Working Pressure PSI@70F	Coil Length (ft)	Coil Weight (lbs)
Aqua-Flat							
PFAF1.5-300	11220111	1.5	1.57	0.059	90	300	48
PFAF2-300	11220112	2	2.08	0.063	80	300	63
PFAF3-300	11220113	3	3.07	0.067	70	300	108
PFAF4-300	11220114	4	4.075	0.079	70	300	141
PFAF6-300	11220116	6	6.141	0.083	50	300	249
PFAF8-300	11220118	8	8.09	0.09	45	300	435



3" Oval Hose

SUPPLY TUBING Part# Index

Part #	Model #	Page	Price
11190078	250x160-1000PE	B-03	$176.73
11190149	187x125-100PE	B-03	$15.86
11190166	276x158-1000V	B-02	$305.26
11190511	350x250-100PE	B-03	$29.99
11190529	455x375-100PE	B-03	$42.27
11190531	455x375-500PE	B-03	$131.01
11190531	455X375-500PE	B-07	$131.01
11190534	455x375-1000PE	B-03	$255.83
11190534	455X375-1000PE	B-07	$255.83
11190589	187x125-1000PE	B-03	$143.36
11190590	187x125-3000PE	B-03	$346.04
11190592	187x125-3000V	B-02	$458.51
11190593	188x128-3000PE	B-03	$317.62
11190596	220x160-2500PE	B-03	$304.02
11190597	220x160-1000V	B-02	$180.44
11190598	220x160-2500V	B-02	$380.65
11190601	250x170-2000PE	B-03	$307.73
11190602	250x170-1000V	B-02	$217.51
11190605	307x250-1000PE	B-03	$168.08
11190609	225x155-2500PE	B-03	$332.45
11190614	272x188-1500PE	B-03	$255.83
11190616	275x210-1500PE	B-03	$221.22
11190621	350x250-500PE	B-03	$154.49
11190622	350x250-1000PE	B-03	$290.43
11190624	375x250-750PE	B-03	$247.17
11190648	128x076-2500PE	B-03	$269.42
11190661	125x063-3500PE	B-03	$312.68
11190788	187x125-100N	B-04	$19.70
11190789	187x125-1000N	B-04	$169.32
11190790	187x125-3000N	B-04	$483.22
11190791	220x150-100N	B-04	$30.27
11190792	220x150-1000N	B-04	$271.89
11190793	220x150-2500N	B-04	$664.89
11190805	128x036-2500PE	B-03	$250.88
11190809	128x050-2500PE	B-03	$218.75
11190813	128x060-2500PE	B-03	$218.75
11200001	700X600-1000PE	B-07	$305.26
11200014	1550X1390-300PE	B-07	$317.62
11200018	710X620-1000PE	B-07	$262.01
11200025	1200X1060-660PE	B-07	$514.12
11200029	1174x1050-660PE	B-07	$448.62
11200030	1174X1050-100PE	B-07	$89.52
11200040	940X820-1000PE	B-07	$515.35

Part #	Model #	Page	Price
11200045	927X817-100PE	B-07	$62.75
11200048	927X817-500PE	B-07	$205.32
11200049	927X817-1000PE	B-07	$432.55
11200067	620X520-1000PE	B-07	$253.35
11200108	1190X1060-660PE	B-07	$457.27
11200119	940X830-1000PE	B-07	$389.20
11200138	940X830-500PE	B-07	$207.63
11200195	820X720-1000PE	B-07	$364.58
11200444	B620-42-1200	B-06	$517.83
11200445	B720-45-1200	B-06	$517.83
11200450	B820-47-1200	B-06	$517.83
11200452	B1060-57-660	B-06	$517.83
11200601	W600X700-50	B-08	$160.67
11200602	W600X700-100	B-08	$301.55
11200603	W520X620-50	B-08	$149.54
11200604	W520X620-100	B-08	$278.07
11202001	W620X710-50	B-08	$205.16
11202002	W620X710-100	B-08	$217.51
11202003	W830X940-50	B-08	$243.47
11202005	W106X120-50	B-08	$379.41
11210007	1/2-IPS-200	B-05	$260.77
11210008	1/2-IPS-100	B-05	$120.55
11210010	1/2-IPS-CL12	B-05	$1.64
11210017	1/2-IPS-CL24	B-05	$2.95
11210020	1/2-IPS-CL30	B-05	$3.77
11210021	1/2-IPS-CL36	B-05	$4.29
11210023	1/2-IPS-CL42	B-05	$5.12
11210025	1/2-IPS-CL48	B-05	$5.42
11210028	1/2-IPS-CL60	B-05	$7.72
11210029	1/2-IPS-CL72	B-05	$8.82
11210034	1/2-IH	B-05	$467.16
11210042	1-IPS-100	B-05	$318.85
11210046	1-IPS-CL24	B-05	$6.59
11210047	1-IPS-CL30	B-05	$8.37
11210048	1-IPS-CL36	B-05	$10.56
11210050	1-IPS-CL48	B-05	$17.36
11210054	3/4-IH	B-05	$337.39
11210060	3/4-IPS-200	B-05	$317.62
11210061	3/4-IPS-100	B-05	$163.14
11210068	3/4-IPS-CL18	B-05	$3.02
11210071	3/4-IPS-CL24	B-05	$3.38
11210074	3/4-IPS-CL30	B-05	$4.21
11210077	3/4-IPS-CL36	B-05	$5.12

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11210079	3/4-IPS-CL42	B-05	$5.83
11210081	3/4-IPS-CL48	B-05	$6.83
11210082	3/4-IPS-CL5	B-05	$1.59
11210085	3/4-IPS-CL60	B-05	$8.82
11210087	3/4-IPS-CL72	B-05	$11.09
11210093	5/8-IH	B-05	$383.12
11220081	JOH052051F450	B-09	$545.01
11220082	JOH077076F200	B-09	$549.96
11220083	JOH101100F130	B-09	$620.40
11220084	JOH151109F100	B-09	$882.40
11220086	JOH040040F300	B-09	$250.88
11220111	PFAF1.5-300	B-09	$449.60
11220112	PFAF2-300	B-09	$490.60
11220113	PFAF3-300	B-09	$944.00
11220114	PFAF4-300	B-09	$1182.60
11220116	PFAF6-300	B-09	$2302.60
11220118	PFAF8-300	B-09	$4900.00
71190042	220x160-100V	B-02	$21.11
71190055	220x160-50V	B-02	$14.54
71190151	187x125-500V	B-02	$85.87
71190168	187x125-50V	B-02	$20.50
71190172	187x125-100V	B-02	$22.21
71190255	220x160-100PE	B-03	$15.23
71190320	250x170-500PE	B-03	$88.00
71190338	250x170-50P	B-03	$9.56
71190351	250x170-100V	B-02	$23.26
71190355	250x170-50V	B-02	$16.06
71190591	187x125-1000V	B-02	$166.84
71190595	220x160-1000PE	B-03	$168.08
71190600	250x170-1000PE	B-03	$143.36
71190636	250x170-500V	B-02	$126.06
71190685	220x160-500V	B-02	$96.49
71190801	220x160-500PE	B-03	$109.96
71200002	700X600-100PE	B-07	$48.03
71200007	700X600-500PE	B-07	$153.25
71200012	710X620-100PE	B-07	$45.15
71200017	710X620-500PE	B-07	$148.31
71200041	940X820-100PE	B-07	$68.09
71200043	940X820-250PE	B-07	$158.19
71200044	940X820-500PE	B-07	$253.35
71200061	620X520-100PE	B-07	$40.95
71200064	620X520-500PE	B-07	$173.02
71500155	PQB-100	B-04	$20.79

Part #	Model #	Page	Price
71500156	PQB-1000	B-04	$138.42
71500158	PQBV-100	B-04	$25.01
71500159	PQBV-1000	B-04	$218.75
71500656	250x160-100V	B-02	$21.27
71500657	250x160-1000V	B-02	$190.33

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B-02	276x158-1000V	11190166	$305.26
B-02	187x125-3000V	11190592	$458.51
B-02	220x160-1000V	11190597	$180.44
B-02	220x160-2500V	11190598	$380.65
B-02	250x170-1000V	11190602	$217.51
B-02	220x160-100V	71190042	$21.11
B-02	220x160-50V	71190055	$14.54
B-02	187x125-500V	71190151	$85.87
B-02	187x125-50V	71190168	$20.50
B-02	187x125-100V	71190172	$22.21
B-02	250x170-100V	71190351	$23.26
B-02	250x170-50V	71190355	$16.06
B-02	187x125-1000V	71190591	$166.84
B-02	250x170-500V	71190636	$126.06
B-02	220x160-500V	71190685	$96.49
B-02	250x160-100V	71500656	$21.27
B-02	250x160-1000V	71500657	$190.33
B-03	250x160-1000PE	11190078	$176.73
B-03	187x125-100PE	11190149	$15.86
B-03	350x250-100PE	11190511	$29.99
B-03	455x375-100PE	11190529	$42.27
B-03	455x375-500PE	11190531	$131.01
B-03	455x375-1000PE	11190534	$255.83
B-03	187x125-1000PE	11190589	$143.36
B-03	187x125-3000PE	11190590	$346.04
B-03	188x128-3000PE	11190593	$317.62
B-03	220x160-2500PE	11190596	$304.02
B-03	250x170-2000PE	11190601	$307.73
B-03	307x250-1000PE	11190605	$168.08
B-03	225x155-2500PE	11190609	$332.45
B-03	272x188-1500PE	11190614	$255.83
B-03	275x210-1500PE	11190616	$221.22
B-03	350x250-500PE	11190621	$154.49
B-03	350x250-1000PE	11190622	$290.43
B-03	375x250-750PE	11190624	$247.17
B-03	128x076-2500PE	11190648	$269.42
B-03	125x063-3500PE	11190661	$312.68
B-03	128x036-2500PE	11190805	$250.88
B-03	128x050-2500PE	11190809	$218.75
B-03	128x060-2500PE	11190813	$218.75
B-03	220x160-100PE	71190255	$15.23
B-03	250x170-500PE	71190320	$88.00
B-03	250x170-50P	71190338	$9.56

Page	Model #	Part #	Price
B-03	220x160-1000PE	71190595	$168.08
B-03	250x170-1000PE	71190600	$143.36
B-03	220x160-500PE	71190801	$109.96
B-04	187x125-100N	11190788	$19.70
B-04	187x125-1000N	11190789	$169.32
B-04	187x125-3000N	11190790	$483.22
B-04	220x150-100N	11190791	$30.27
B-04	220x150-1000N	11190792	$271.89
B-04	220x150-2500N	11190793	$664.89
B-04	PQB-100	71500155	$20.79
B-04	PQB-1000	71500156	$138.42
B-04	PQBV-100	71500158	$25.01
B-04	PQBV-1000	71500159	$218.75
B-05	1/2-IPS-200	11210007	$260.77
B-05	1/2-IPS-100	11210008	$120.55
B-05	1/2-IPS-CL12	11210010	$1.64
B-05	1/2-IPS-CL24	11210017	$2.95
B-05	1/2-IPS-CL30	11210020	$3.77
B-05	1/2-IPS-CL36	11210021	$4.29
B-05	1/2-IPS-CL42	11210023	$5.12
B-05	1/2-IPS-CL48	11210025	$5.42
B-05	1/2-IPS-CL60	11210028	$7.72
B-05	1/2-IPS-CL72	11210029	$8.82
B-05	1/2-IH	11210034	$467.16
B-05	1-IPS-100	11210042	$318.85
B-05	1-IPS-CL24	11210046	$6.59
B-05	1-IPS-CL30	11210047	$8.37
B-05	1-IPS-CL36	11210048	$10.56
B-05	1-IPS-CL48	11210050	$17.36
B-05	3/4-IH	11210054	$337.39
B-05	3/4-IPS-200	11210060	$317.62
B-05	3/4-IPS-100	11210061	$163.14
B-05	3/4-IPS-CL18	11210068	$3.02
B-05	3/4-IPS-CL24	11210071	$3.38
B-05	3/4-IPS-CL30	11210074	$4.21
B-05	3/4-IPS-CL36	11210077	$5.12
B-05	3/4-IPS-CL42	11210079	$5.83
B-05	3/4-IPS-CL48	11210081	$6.83
B-05	3/4-IPS-CL5	11210082	$1.59
B-05	3/4-IPS-CL60	11210085	$8.82
B-05	3/4-IPS-CL72	11210087	$11.09
B-05	5/8-IH	11210093	$383.12
B-06	B620-42-1200	11200444	$517.83

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B-06	B720-45-1200	11200445	$517.83
B-06	B820-47-1200	11200450	$517.83
B-06	B1060-57-660	11200452	$517.83
B-07	455X375-500PE	11190531	$131.01
B-07	455X375-1000PE	11190534	$255.83
B-07	700X600-1000PE	11200001	$305.26
B-07	1550X1390-300PE	11200014	$317.62
B-07	710X620-1000PE	11200018	$262.01
B-07	1200X1060-660PE	11200025	$514.12
B-07	1174x1050-660PE	11200029	$448.62
B-07	1174X1050-100PE	11200030	$89.52
B-07	940X820-1000PE	11200040	$515.35
B-07	927X817-100PE	11200045	$62.75
B-07	927X817-500PE	11200048	$205.32
B-07	927X817-1000PE	11200049	$432.55
B-07	620X520-1000PE	11200067	$253.35
B-07	1190X1060-660PE	11200108	$457.27
B-07	940X830-1000PE	11200119	$389.20
B-07	940X830-500PE	11200138	$207.63
B-07	820X720-1000PE	11200195	$364.58
B-07	700X600-100PE	71200002	$48.03
B-07	700X600-500PE	71200007	$153.25
B-07	710X620-100PE	71200012	$45.15
B-07	710X620-500PE	71200017	$148.31
B-07	940X820-100PE	71200041	$68.09
B-07	940X820-250PE	71200043	$158.19
B-07	940X820-500PE	71200044	$253.35
B-07	620X520-100PE	71200061	$40.95
B-07	620X520-500PE	71200064	$173.02
B-08	W600X700-50	11200601	$160.67
B-08	W600X700-100	11200602	$301.55
B-08	W520X620-50	11200603	$149.54
B-08	W520X620-100	11200604	$278.07
B-08	W620X710-50	11202001	$205.16
B-08	W620X710-100	11202002	$217.51
B-08	W830X940-50	11202003	$243.47
B-08	W106X120-50	11202005	$379.41
B-09	JOH052051F450	11220081	$545.01
B-09	JOH077076F200	11220082	$549.96
B-09	JOH101100F130	11220083	$620.40
B-09	JOH151109F100	11220084	$882.40
B-09	JOH040040F300	11220086	$250.88
B-09	PFAF1.5-300	11220111	$449.60

Page	Model #	Part #	Price
B-09	PFAF2-300	11220112	$490.60
B-09	PFAF3-300	11220113	$944.00
B-09	PFAF4-300	11220114	$1182.60
B-09	PFAF6-300	11220116	$2302.60
B-09	PFAF8-300	11220118	$4900.00



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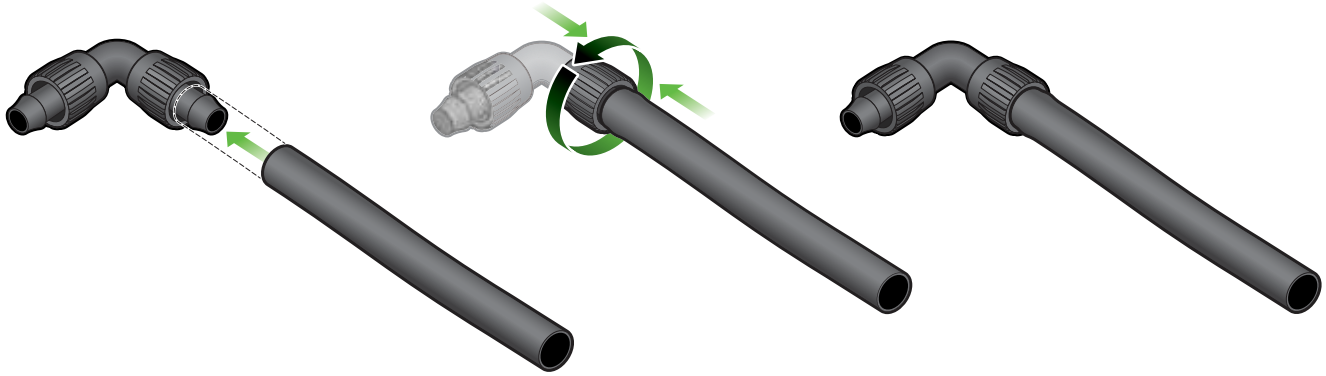
Power-Loc Fittings

Size Selection Chart—Nominal Tubing Size

Fitting Series Number	Acceptable I.D.		Acceptable Wall Thickness	
	Inches	Millimeters	Inches	Millimeters
50	0.500 to 0.580	12.7 to 14.7	0.035 to 0.055	0.89 to 1.40
55	0.520 to 0.620	13.2 to 15.7	0.045 to 0.055	1.14 to 1.40
60	0.580 to 0.675	14.7 to 17.1	0.025 to 0.055	0.64 to 1.40
70	0.665 to 0.765	16.9 to 19.4	0.035 to 0.055	0.89 to 1.40
80	0.790 to 0.845	20.1 to 21.5	0.045 to 0.065	1.14 to 1.65
100	1.035 to 1.075	26.3 to 27.3	0.062 to 0.075	1.57 to 1.91



Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Stock Code
Power-Loc Coupling							
PL-50-PC	12050005		25	650	26.8	A	
PL-55-PC	72050305		25	500	26.8	A	
PL-60-PC	12050105		25	500	26.8	A	
PL-70-PC	12050205		25	400	28.1	A	
PL-80-PC	12050607		25	300	16.0	A	
PL-100-PC	12050611		25	175	24.0	A	
Power-Loc Tee							
PL-50-P3T	12050001		25	325	17.3	A	
PL-55-P3T	72050301		25	250	17.3	A	
PL-60-P3T	12050101		25	250	18.0	A	
PL-70-P3T	12050201		25	225	18.0	A	
PL-80-P3T	12050616		25	150	30.0	A	
PL-100-P3T	12050619		10	90	30.0	A	
Power-Loc x 3/4" FH Swivel Tee with Washer							
PL-50-PST-WW	12050002		25	350	14.8	A	
PL-55-PST-WW	72050302		25	250	14.8	A	
PL-60-PST-WW	12050102		25	250	10.0	A	
PL-70-PST-WW	12050202		25	225	10.0	A	
PL-80-PST-WW	12050600		25	175	11.0	A	



PL-50-PC



PL-50-P3T



PL-50-PST-WW

Power-Loc Fittings

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Stock Code
Power-Loc x 3/4" FH Swivel Tee with Screen							
PL-50-PST-WS	12050003		25	350	14.8	A	
PL-55-PST-WS	72050315		25	250	14.8	A	
PL-60-PST-WS	12050103		25	250	10.0	A	
PL-70-PST-WS	12050203		25	225	10.0	A	
PL-80-PST-WS	12050601		25	175	11.0	A	
PL-100-PST-WS	12050612		25	100	8.0	A	
Power-Loc x Barbed Adapter Tee							
PL-50-400BT	12050043	400 Barb	25	200	14.8	A	MTO
PL-50-700BT	12050045	700 barb	25	200	14.8	A	MTO
PL-60-400BT	12050143	400 Barb	25	200	10.0	A	MTO
PL-60-700BT	12050145	700 Barb	25	200	10.0	A	MTO
PL-70-400BT	12050243	400 Barb	25	200	10.0	A	MTO
PL-70-700BT	12050245	700 Barb	25	200	10.0	A	MTO
Power-Loc x 3/4" MHT Adapter Tee							
PL-50-P3TM	12050032		25	450	17.3	A	MTO
PL-55-P3TM	72050310		25	400	18.0	A	MTO
PL-60-P3TM	12050508		25	300	18.0	A	MTO
PL-70-P3TM	12050530		25	200	18.0	A	MTO
PL-80-P3TM	12050609		25	175	30.0	A	MTO
PL-100-P3TM	12050701		25	100	30.0	A	MTO
Power-Loc Tee with 1/2" Socket/ 3/4" Spigot							
PL-50-SSPT	12050046		25	200	14.8	A	MTO
PL-55-SSPT	72050320		25	200	14.8	A	MTO
PL-60-SSPT	12050146		25	200	14.8	A	MTO
PL-70-SSPT	12050246		25	200	10.0	A	MTO
PL-80-SSPT	12050626		25	175	30.0	A	MTO
PL-100-SSPT	12050702		25	100	30.0	A	MTO
Power-Loc Tee with 3/4" Socket/ 1" Spigot							
PL-50-SSP1T	12050047		25	350	14.8	A	MTO
PL-55-SSP1T	72050329		25	250	14.8	A	MTO
PL-60-SSP1T	12050147		25	250	14.8	A	MTO
PL-70-SSP1T	12050247		25	225	10.0	A	MTO
PL-80-SSP1T	12050627		25	175	30.0	A	MTO
PL-100-SSP1T	12050703		25	100	30.0	A	MTO
Power-Loc Elbow							
PL-50-PELL	12050004		25	550	27.2	A	
PL-55-PELL	72050304		25	400	28.2	A	
PL-60-PELL	12050104		25	400	28.2	A	
PL-70-PELL	12050204		25	350	29.2	A	
PL-80-PELL	12050617		25	250	22.0	A	
PL-100-PELL	12050618		25	150	22.0	A	


PL-50-PST-WS


PL-50-400BT


PL-50-P3TM


PL-50-SSPT


PL-50-SSP1T


PL-55-PELL

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Power-Loc Fittings

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt. (lbs)	Box Code	Stock Code
Power-Loc Elbow x 3/4" FH Swivel with Washer							
PL-50-PSELL-WW	12050026		25	300	27.2	A	MTO
PL-55-PSELL-WW	72050333		25	450	27.2	A	MTO
PL-60-PSELL-WW	12050120		25	450	28.2	A	
PL-70-PSELL-WW	12050232		25	400	29.2	A	
PL-80-PSELL-WW	12050629		25	300	27.7	A	MTO
PL-100-PSELL-WW	12050705		25	200	27.1	A	MTO
Power-Loc x Male Pipe Adapter (1/2" MPT)							
PL-50-P1/2-MA	12050009		25	850	29.2	A	
PL-55-P1/2-MA	72050308		25	500	30.2	A	
PL-60-P1/2-MA	12050109		25	700	30.2	A	
PL-70-P1/2-MA	12050209		25	500	31.15	A	
Power-Loc x Male Pipe Adapter (3/4" MPT)							
PL-50-P3/4-MA	12050010		25	700	29.6	A	
PL-55-P3/4-MA	72050317		25	500	30.6	A	
PL-60-P3/4-MA	12050110		25	600	30.6	A	
PL-70-P3/4-MA	12050210		25	500	31.6	A	
PL-80-P3/4-MA	12050604		25	500	25.0	A	
PL-100-P3/4-MA	12050704		25	350	24.0	A	
Power-Loc x Male Pipe Adapter (1" MPT)							
PL-100-P10-MA	12050707		25	300	19	A	MTO
Power-Loc x Male Hose Adapter (3/4" MHT)							
PL-50-PMT	12050011		25	700	29.6	A	
PL-55-PMT	72050311		25	500	30.6	A	
PL-60-PMT	12050111		25	600	30.6	A	
PL-70-PMT	12050211		25	500	31.6	A	
PL-80-PMT	12050603		25	500	20.0	A	
PL-100-PMT	12050711		25	350	24.0	A	
Power-Loc x 50 Hose Reducing Coupling							
PL-60x50-PRC	12050313		25	500	26.8	A	MTO
PL-70x50-PRC	12050013		25	500	28.1	A	MTO
Power-Loc x Tape-Loc Adapters							
PL-50X06-LS	12010020		50	500	26.8	A	MTO
PL-60X06-LS	12010025		50	500	26.8	A	MTO
PL-50X09-LS	12010032		50	400	28.1	A	MTO
PL-60X09-LS	12010035		50	400	28.1	A	MTO
PL-80X09-LS	12010085		50	250	24.0	A	MTO


PL-50-PSELL-WW


PL-50-P1/2-MA


PL-50-P3/4-MA


PL-50-PMT


PL-60x50-PRC


PL-50X06-LS

Power-Loc Fittings

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Stock Code
Power-Loc x Barb Adapter							
PL-50-400B	**12050042**	400 barb	50	400	26.8	A	MTO
PL-50-700B	**12050044**	700 barb	50	400	26.8	A	MTO
PL-60-400B	**12050142**	400 barb	50	400	26.8	A	
PL-60-700B	**12050144**	700 barb	50	400	26.8	A	MTO
PL-70-400B	**12050242**	400 barb	50	400	28.1	A	MTO
PL-70-700B	**12050244**	700 barb	50	400	28.1	A	MTO
PL-80-700B	**12050644**	700 barb	50	300	16.0	A	
PL-100-700B	**12050744**	700 barb	25	300	36.5	A	
PL-100-1000B	**12050746**	1000 barb	25	150		A	MTO
Power-Loc with 3/4" FHT Threaded Cap							
PL-50-PETC	**12050006**		25	600	22.8	A	
PL-55-PETC	**72050306**		25	500	22.8	A	
PL-60-PETC	**12050106**		25	500	22.8	A	
PL-70-PETC	**12050206**		25	500	23.4	A	
PL-80-PETC	**12050620**		25	400	23.4	A	
PL-100-PETC	**12050720**		25	250	24.0	A	MTO
Power-Loc with 3/4" Female Hose Swivel with Washer							
PL-50-PHS-WW	**12050007**		25	600	27.6	A	
PL-55-PHS-WW	**72050307**		25	500	28.6	A	
PL-60-PHS-WW	**12050107**		25	550	28.6	A	
PL-70-PHS-WW	**12050207**		25	500	29.6	A	
PL-80-PHS-WW	**12050605**		25	425	17.0	A	
PL-100-PHS-WW	**12050614**		25	300	19.0	A	
Power-Loc with 3/4" Female Hose Swivel with Screen							
PL-50-PHS-WS	**12050008**		25	600	27.6	A	
PL-55-PHS-WS	**72050316**		25	500	28.6	A	
PL-60-PHS-WS	**12050108**		25	550	28.6	A	
PL-70-PHS-WS	**12050208**		25	500	29.6	A	
PL-80-PHS-WS	**12050606**		25	425	17.0	A	
PL-100-PHS-WS	**12050615**		25	300	19.0	A	
Power-Loc Pipe Thread Swivel with Washer							
PL-55-PPS-WW	**72050325**		25	500	28.6	A	
PL-60-PPS-WW	**12050326**		25	500	29.6	A	MTO


PL-50-400B


PL-55-PETC


PL-55-PHS-WW


PL-50-PHS-WS


PL-55-PPS-WW

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Power-Loc Fittings

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt. (lbs)	Box Code	Stock Code
Power-Loc with 1/2" Socket, 3/4" Spigot							
PL-50-SSP	**12050019**		25	800	28.0	A	
PL-55-SSP	**72050324**		25	500	28.5	A	
PL-60-SSP	**12050121**		25	750	28.5	A	
PL-70-SSP	**12050219**		25	600	29.0	A	
PL-80-SSP	**12050608**		25	500	27.0	A	
PL-100-SSP	**12050708**		25	350	28.0	A	
Power-Loc with 3/4" Socket, 1" Spigot							
PL-50-SSP1	**12050018**		25	600	28.0	A	
PL-55-SSP1	**72050321**		25	500	28.5	A	
PL-60-SSP1	**12050124**		25	550	28.5	A	
PL-70-SSP1	**12050220**		25	500	29.0	A	
PL-80-SSP1	**12050602**		25	450	29.5	A	
PL-100-SSP1	**12050613**		25	300	30.0	A	
Power-Loc with 1" Socket, 1-1/4" Spigot							
PL-100-SSP2	**12050710**		25	250	30.0	A	MTO
Power-Loc x Layflat Connector							
PL-50-KMA	**12051037**		50	550	34.4	A	
PL-55-KMA	**12051038**		50	450	35.9	A	
PL-60-KMA	**12051065**		50	450	36.8	A	
PL-70-KMA	**12051125**		50	350	30.1	A	
Power-Loc End Flush Valve							
PL-50-PEF	**12050012**		25	500	28.6	A	MTO
PL-50-PEFB	**12050015**	Black handle	25	500	28.6	A	MTO
PL-55-PEF	**72050312**		25	500	28.6	A	MTO
PL-60-PEF	**12050113**		25	500	28.6	A	
PL-60-PEFB	**12050115**	Black handle	25	500	28.6	A	
PL-70-PEF	**12050213**		25	400	29.6	A	
PL-70-PEFB	**12050215**	Black handle	25	400	29.6	A	MTO


PL-50-SSP


PL-50-SSP1


PL-55-SSP1


PL-50-KMA


PL-50-PEF

Note: Use LFP-LS-1 (Blue Punch 12070055) Use AP-H-2 (12070013) to install 50, 55 and 60 series. Use AP-H-1 (12070012) to install 70 series.

Power-Loc Fittings

Model #	Part #	Description	Ba Qty.	Box Qty.	Box Wt.	Box Code	Stock Code
Power-Loc Coupling with Ball Valve							
PL-50-BV-PC	**12050127**		25	300	28.6	A	MTO
PL-55-BV-PC	**72050314**		25	350	21.0	A	
PL-60-BV-PC	**12050126**		25	500	28.6	A	
PL-70-BV-PC	**12050223**		25	300	29.6	A	
Power-Loc with Ball Valve x Barb							
250B-BV-PL-50	**12050040**	250 barb	25	500	28.6	A	MTO
250B-BV-PL-60	**12050140**	250 barb	25	500	28.6	A	MTO
250B-BV-PL-70	**12050240**	250 barb	25	500	29.6	A	MTO

Note: Available with 400 and 700 barbs.



PL-55-BV-PC



250B-BV-PL-50



Power-Loc Fittings

Model #	Part #	Description	Bag Qty.	Box Qty.	Bo Wt.	Box Code	Stock Code
Power-Loc Tee x Automatic Flush Valve - Low Pressure							
PL-50-P3TM-FCH-L	**12050051**		25	300	17.3	A	MTO
PL-55-P3TM-FCH-L	**72050331**		25	300	17.3	A	MTO
PL-60-P3TM-FCH-L	**12050151**		25	300	17.3	A	MTO
PL-70-P3TM-FCH-L	**12050251**		25	300	18.0	A	MTO
PL-80-P3TM-FCH-L	**12050651**		50	300		A	MTO
PL-100-P3TM-FCH-L	**12050751**		10	80		A	MTO

Note: Low (L) 0.6 GPM required to close; reopens when pressure falls below 1PSI (white plunger).


PL-50-P3TM-FCH-L

Power-Loc Tee x Automatic Flush Valve - High Pressure							
PL-50-P3TM-FCH-H	**12050061**		25	300	17.3	A	MTO
PL-55-P3TM-FCH-H	**72050332**		25	300	17.3	A	MTO
PL-60-P3TM-FCH-H	**12050161**		50	300	17.3	A	MTO
PL-70-P3TM-FCH-H	**12050261**		25	300	18.0	A	MTO
PL-80-P3TM-FCH-H	**12050661**		50	300		A	MTO
PL-100-P3TM-FCH-H	12050761		10	80		A	MTO

Note: High (H) 0.8 GPM required to close; reopens when pressure falls below 2 PSI (orange plunger).


PL-50-P3TM-FCH-H

Power-Loc x MHT Adapter & Flush Valve - Low Pressure							
PL-50-MTFCH-L	**12050050**			500	26.8	A	MTO
PL-55-MTFCH-L	**72050328**			500	26.8	A	MTO
PL-60-MTFCH-L	**12050150**			500	26.8	A	MTO
PL-70-MTFCH-L	**12050250**			400	28.1	A	MTO
PL-80-MTFCH-L	**12050628**			400	16.0	A	MTO
PL-100-MTFCH-L	**12050650**			250		A	MTO

Note: Low (L) 0.6 GPM required to close; reopens when pressure falls below 1PSI (white plunger).


PL-50-MTFCH-L

Power-Loc x MHT Adapter & Flush Valve - High Pressure							
PL-50-MTFCH-H	**12050060**		50	500	26.8	A	MTO
PL-55-MTFCH-H	**72050330**		25	500		A	MTO
PL-60-MTFCH-H	**12050160**		50	500	26.8	A	MTO
PL-70-MTFCH-H	**12050260**		50	500	28.1	A	MTO
PL-80-MTFCH-H	**12050630**		50	400	16.0	A	MTO
PL-100-MTFCH-H	**12050660**		50	200		A	MTO

Note: High (H) 0.8 GPM required to close; reopens when pressure falls below 2 PSI (orange plunger).


PL-50-MTFCH-H

Flush Valve Operating Information

FCH-L (Low): 0.6 GPM required to close; reopens when pressure falls below 1PSI

FCH-H (High): 0.8 GPM required to close; reopens when pressure falls below 2 PSI

Power-Loc Riser Assembly Ordering Guide

Swivel Adapter		Swivel Tee		Dual Line Tees	
PL-50-PHS-WW	**12050007**	PL-50-PST-WW	12050002	*MST-WW	12010564
PL-55-PHS-WW	**72050307**	PL-55-PST-WW	72050302	*MST-WS	12010563
PL-60-PHS-WW	**12050107**	PL-60-PST-WW	12050102	*MSTV-WW	12010562
PL-70-PHS-WW	**12050207**	PL-70-PST-WW	12050202	3/4MHAMSTWW	12010570
PL-80-PHS-WW	**12050605**	PL-80-PST-WW	12050600		
PL-100-PHS-WW	**12050614**	PL-100-PST-WW	12050610		
PL-50-PHS-WS	**12050008**	PL-50-PST-WS	12050003		
PL-55-PHS-WS	**72050316**	PL-55-PST-WS	72050315	* Will need 2 Swivels to complete connection to tubing	
PL-60-PHS-WS	**12050108**	PL-60-PST-WS	12050103		
PL-70-PHS-WS	**12050208**	PL-70-PST-WS	12050203		
PL-80-PHS-WS	**12050606**	PL-80-PST-WS	12050601		
PL-100-PHS-WS	**12050615**	PL-100-PST-WS	12050612		

1/2" RISER		3/4" RISER		1" RISER	
Valve					
3/4-GB	**12062047**	3/4-GB	12062047	3/4-GB	12062047
3/4WYE-BLACK	**12060024**	3/4WYE-BLACK	12060024	3/4WYE-BLACK	12060024
3/4-B	**12060012**	3/4-B	12060012	3/4-B	12060012
3/4-BU-AG	**12060026**	3/4-BU-AG	12060026	3/4-BU-AG	12060026
		3/4-BU **	12060015		
		** Adapter not needed			
Adapters					
1/2-MHA	**12040003**	3/4-MHA	12040028	1-MHA	12290011
3/4-MHS	**12040029**				
1/2-IPS		**3/4-IPS**		**1-IPS**	
1/2-IPS-CL24	**11210017**	3/4-IPS-CL24	11210071	1-IPS-CL24	11210046
1/2-IPS-CL30	**11210020**	3/4-IPS-CL30	11210074	1-IPS-CL30	11210047
1/2-IPS-CL36	**11210021**	3/4-IPS-CL36	11210077	1-IPS-CL36	11210048
1/2-IPS-CL42	**11210023**	3/4-IPS-CL42	11210079	1-IPS-CL48	11210050
1/2-IPS-CL48	**11210025**	3/4-IPS-CL48	11210081		
1/2-IPS-CL60	**11210028**	3/4-IPS-CL60	11210085		
1/2-IPS-CL72	**11210029**	3/4-IPS-CL72	11210087		
Saddles					
AS-1/2-1-1/2	**12080035**				
AS-1/2-2	**12080036**	AS-3/4-2	12080049		
AS-1/2-2-1/2	**12080037**	AS-3/4-2 1/2	12080050		
AS-1/2-3	**12080038**	AS-3/4-3	12080051		
AS-1/2-4	**12080039**	AS-3/4-4	12080052	AS-1-4	12080043
AS-1/2-5	**12080040**	AS-3/4-5	12080053	AS-1-5	12080044
AS-1/2-6	**12080041**	AS-3/4-6	12080054	AS-1-6	12080045
		AS-3/4-8	12080055	AS-1-8	12080046
		AS-3/4-10	12080047		
PIA & Grommets (Non-Glue substitue for Saddles)					
400-PIA	**12040044**	700-PIA-1	12040092	1000-PIA	12040006
700-PIA	**12040061**	*700-GRO	12290032	*1000-GRO	12020002
*400-GRO	**12290031**	*order grommets separately			
*700-GRO	**12290032**				



Example: PL-55-PST-WW 3/4-B 3/4-MHA 3/4-IPS-CL24 AS-3/4-2
Description: 55 Series Power-Loc Tee with a 3/4" Ball Valve, 3/4" Male Hose Adapter, 24" Tubing Lead and a 3/4" X 2" Saddle

Manual Control Valves

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Stock Code
Ball Valve with System Shut-Off and Screen Clean							
SAS-1JU	**12060043**	3/4" MPT x 3/4" FHT	25	200	35.0	A	
SAS-3	**12060044**	3/4" FHS x 3/4" FHS	25	175	27.0	A	
Ball Valves							
3/4-GB	**12062047**	Ball Valve - Black Body/Black Handle, 3/4"FHT x 3/4"MHT	25	500			
3/4WYE-BLACK	**12060024**	Ball Valve - Black Body/Black Handle, 3/4" FHT x 3/4" MHT x 3/4" MHT	25	250	27.6	A	
3/4-B	**12060012**	Ball Valve - 3/4"FHS x 3/4"MHT	25	200	27	F	
3/4-BU	**12060015**	Ball Valve - 3/4" Soc x 1" Spigot	25	275	35	A	
3/4-BU-AG	**12060026**	Ball Valve - 3/4" FHS inlet x 3/4" MHT outlet	25	100	22	A	
Quick Action Valves (Quarter Turn Valves)							
440VLBB	**72500289**	1/2" insert barb x 1/2" insert barb (uses 0.570–0.620 ID tubing)	25	200	44.6	C	
446VLBB	**72501099**	1/2" insert barb x 1/2" insert barb (uses 0.520 ID tubing)	25	200	44.6	C	MTO
770VLBB	**72501100**	3/4" insert barb x 3/4" insert barb (uses 0.820 ID tubing)	10	250	56.4	A	
880VLBB	**72501101**	1" insert barb x 1" insert barb (uses 1.06 ID tubing)	5	100	24.8	C	

Note: Clamps recommended on all Barbed Fittings.

Ball Valve with System Shut-Off and Screen Clean


SAS-1


SAS-1JU


SAS-3

Ball Valves


3/4-GB


3/4WYE-BLACK


3/4-B


3/4-BU


3/4-BU-AG

Quick Action Valves


440VLBB

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Tape-Loc Fittings

Tape-Loc Size Selection Chart

Tape-Loc Fittings are designed for use with drip tape.	Flat Tape Widths (Shown Actual Size)
"06" Series used for 5/8" I.D. tapes	
"09" Series used for 7/8" I.D. tapes	
"10" Series used for 1" I.D. tapes	
"11" Series used for 1 1/8" I.D. tapes	
"14" Series used for 1 3/8" I.D. tapes	

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Stock Code
Tape-Loc Couplings							
CPT-06-LS	**12030022**		50	750	20.1	A	
CPT-06-LSO	**12030062**	Orange Ring	50	750	26.0	A	
CPT-09-LS	**12030024**		50	300	30.0	A	
CPT-09-LSO	**12030032**	Orange Ring	50	300	26.0	A	
CPT-10-LS	**12030171**		25	225	35.0	A	
CPT-11-LS	**12030135**		25	175	31.3	A	
CPT-14-LS	**12030025**		25	100	31.3	A	
Tape-Loc Tee							
TEE-06-LS	**12030092**		50	350	22.6	A	
Tape-Loc x 1/2" Socket 3/4" Spigot Tee							
TEE-06-LSL1/2	**12030097**		50	350	23.0	A	
Tape-Loc x 600 Compression Tee							
TEE-06-LSL600	**12030100**		50	350	23.0	A	MTO
Tape-Loc x 3/4" FH Swivel Tee							
LST-06-LS-WS	**12030072**	with screen	50	300	23.0	A	
LST-06-LS-WW	**12030073**	with washer	50	300	23.0	A	

Tape-Loc Couplings



CPT-06-LS



CPT-06-LSO

Tape-Loc Tee



TEE-06-LS

Tape-Loc x 1/2"Socket 3/4" Spigot Tee



TEE-06-LSL1/2

Tape-Loc x 600 Compression Tee



TEE-06-LSL600

Tape-Loc x 3/4" FH Swivel Tee



LST-06-LS-WS

Tape-Loc Fittings

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Stock Code
Tape-Loc Ell							
ELL-06-LS	**12030049**		50	550	24.4	A	
ELL-09-LS	**12030146**		50	300	24.4	A	MTO
Tape-Loc x Socket / Spigot							
SSP-06-LS	**12030085**	1/2" Socket / 3/4" Spigot	50	800	22.0	A	
SSP-09-LS	**12030087**	1/2" Socket / 3/4" Spigot	50	400	30.6	A	
SSP-10-LS	**12030111**	1/2" Socket / 3/4" Spigot	25	325	30.8	A	MTO
SSP-09-LS1	**12030088**	3/4" Socket / 1" Spigot	50	400	21.4	A	
SSP-10-LS1	**12030188**	3/4" Socket / 1" Spigot	25	300	31.2	A	
SSP-11-LS1	**12030136**	3/4" Socket / 1" Spigot	25	250	21.4	A	MTO
SSP-09-LS2	**12030089**	1" Socket / 1 1/4" Spigot	50	300	22.0	A	MTO
SSP-10-LS2	**12030194**	1" Socket / 1-1/4" Spigot	25	250	31.8	A	MTO
SSP-11-LS2	**12030214**	1" Socket / 1-1/4" Spigot	25	250	34.9	A	MTO
SSP-14-LS2	**12030090**	1" Socket / 1 1/4" Spigot	25	100	19.0	A	
Tape-Loc x Compression							
CSP-06-LS350	**12030029**	5/8" Tape x 350 Compression	50	750	23.0	A	
CSP-06-LS400	**12030030**	5/8" Tape x 400 Compression	50	750	23.0	A	
CSP-06-LS600	**12030033**	5/8" Tape x 600 Compression	50	750	23.0	A	
CSP-06-LS700	**12030035**	5/8" Tape x 700 Compression	50	750	23.0	A	MTO
CSP-06-LS710	**12030036**	5/8" Tape x 710 Compression	50	750	23.0	A	
CSP-09-LS600	**12030041**	7/8" Tape x 600 Compression	50	400	31.2	A	
CSP-09-LS710	**12030043**	7/8" Tape x 710 Compression	50	400	32.0	A	MTO
CSP-09-LS1-900	**12030047**	7/8" Tape x 900 Compression	25	300	20.0	A	MTO
CSP-11-LS1-900	**12030147**	1 1/8" Tape x 900 Compression	25	250	50.0	A	MTO
Tape-Loc x Hose Thread Cap							
END-06-LSC	**12030053**		50	700	24.6	A	
END-09-LSC	**12030054**		50	400	27.7	A	
END-10-LSC	**12030189**		25	300			MTO
END-11-LSC	**12030138**		25	250	27.7	A	MTO
Tape-Loc x 3/4" Swivel Adapters							
FHS-06-LS-WW	**12030071**	with washer	50	500	24.0	A	
FHS-09-LS-WW	**12030151**	with washer	25	500	24.0	A	MTO
FHS-10-LS-WW	**12030192**	with washer	25	300	29.1	A	MTO
FHS-11-LS-WW	**12030212**	with washer	25	250		A	MTO
FHS-06-LS-WS	**12030070**	5/8" x 3/4"FHT with screen	50	500	24.0	A	
Tape-Loc Pipe Thread Swivel with Washer							
FPS-06-LS-WW	**12030134**	with screen	50	500	24.0	A	MTO


ELL-06-LS


SSP-06-LS


CSP-06-LS350


END-06-LSC


FHS-06-LS-WW


FPS-06-LS-WW

Tape-Loc Fittings

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Stock Code
Tape-Loc x Lay Flat Plug							
FHC-06-PLUG	**12030064**	Use for both FHC-06-LS & 09	50	500	27.0	A	
Tape-Loc x Two Step Lay Flat Connector							
FHC-1-06-LS	**12030066**		50	500	32.0	A	
Note: Use LFP-1 Punch (Orange). Use AP-H-2 Handle to install.							
Tape-Loc x Lay Flat Connector							
FHC-09-LS	**12030065**		50	350	26.1	A	
FHC-09-LSO	**12030031**	with Orange Ring	50	350	32.0	A	
Note: Use LFP-LS-1 Punch (Blue). Use AP-H-2 to install 06 fittings. Use AP-H-1 to install 09 fittings.							
Tape-Loc x Lay Flat Connector (small foot)							
FHC-06-LS	**12030063**		50	550	25.0	A	
FHC-06-LSO	**12030067**	with Orange Ring	50	550	24.0	A	
Note: Use LFP-LS-1 Punch (Blue). Use AP-H-2 to install 06 fittings. Use AP-H-1 to install 09 fittings.							

Tape-Loc x Lay Flat Plug



FHC-06-PLUG

Tape-Loc x Two Step Lay Flat Connector



FHC-1-06-LS

Tape-Loc x Lay Flat Connector



FHC-09-LS



FHC-09-LSO

Tape-Loc x Lay Flat Connector (small foot)



FHC-06-LS



FHC-06-LSO

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Tape-Loc Fittings

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt. (lbs)	Box Code	Stock Code
Tape-Loc x 3/4" MHT Adapter							
MHT-06-LS	**12030081**		50	900	23.3	A	
MHT-09-LS	**12030082**		50	450	28.9	A	
MHT-10-LS	**12030191**		25	350			MTO
MHT-11-LS	**12030210**		25	300	29.9		MTO
Tape-Loc x MPT Adapter							
MA-06-LS	**12030076**	1/2" MPT (BSP Compatible)	50	1000	27.8	A	
MA-06-LS1	**12030017**	3/4" MPT (BSP Compatible)	50	500	19.4	A	
MA-09-LS1	**12030077**	3/4" MPT (BSP Compatible)	50	400	25.0	A	
MA-10-LS1	**12030195**	3/4" MPT (BSP Compatible)	25	350		A	MTO
MA-11-LS1	**12030216**	3/4" MPT (BSP Compatible)	25	300		A	MTO
MA-09-LS2	**12030078**	1" MPT	50	350		A	MTO
MA-10-LS2	**12030197**	1" MPT	25	300		A	MTO
MA-11-LS2	**12030217**	1" MPT	25	250		A	MTO
Tape-Loc Adjustable Slip Fitting							
BASF-09-LS	**12030040**		25	400	25.0	A	
BASF-10-LS	**12030186**		25	300			MTO
BASF-11-LS	**12030137**		25	200	25.0	A	MTO
Note: For use with PL-50-KMA (12051037) and 620x520 c/l 40 (11200078)							
Tape-Loc x 3/4" MHT Wye Adapter							
WYE-06-MHT	**12030109**		50	400	25.4	A	
Tape-Loc x Threaded Auto Flush Valve (low flow)							
FCH-06-LS-L	**12030058**		50	500	25.0	A	
FCH-09-LS-L	**12030060**		50	350	25.0	A	
Note: Low (L) - 0.6 GPM required to close; reopens when pressure falls below 1 PSI (white plunger).							
Tape-Loc End Flush Valve							
END-BV-06-LS	**12030612**		25	500	27.0	A	
END-BV-09-LS	**12030912**		25	400	28.0	A	
END-BV-11-LS	**12031112**		25	175	58.0	A	MTO


MHT-06-LS


MA-06-LS


BASF-09-LS


WYE-06-MHT


FCH-06-LS-L


END-BV-06-LS

Tape-Loc Fittings

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt. (lbs)	Box Code	Stock Code
Tape-Loc x Ball Valve x Socket / Spigot							
SSP-BV-06-LS	**12030117**	1/2" Socket x 3/4" Spigot	25	500	28.0	A	MTO
SSP-BV-09-LS	**12030118**	1/2" Socket x 3/4" Spigot	25	300	29.0	A	MTO
SSP1-BV-09-LS	**12030119**	3/4" Socket x 1" Spigot	25	300	30.0	A	MTO
Tape-Loc Coupling Shut-off Valve							
CPT-BV-06-LS	**12030131**		25	500	27.0	A	
CPT-BV-09-LS	**12030048**		25	300	28.0	A	
Tape-Loc x Shut-off Valve							
250B-BV-06-LS	**12030160**	250 barb	50	300	28.0	A	
400B-BV-06-LS	**12030165**	400 barb	50	300	28.0	A	
PT50-BV-06-LS	**12030175**	1/2" MPT	50	300	29.0	A	MTO
PT75-BV-06-LS	**12030177**	3/4" MPT	50	300	29.0	A	MTO
Tape-Loc x 420 Series Barb with Locking Nut & Large Handle Valve							
420BV-06-LS	**12030011**	Install in PE Tubing	50	350	22.0	A	
Tape-Loc x 0.520 I.D. Insert Coupler							
520I-06-LS	**12030112**	Use 620x520 PE Tubing	50	1000	35.8	A	
Tape-Loc x Barb							
250B-06-LS	**12030004**		50	1200	31.8	A	
400B-06-LS	**12030008**		50	1000	33.6	A	
400B-06-LSO	**12030002**	with Orange Ring	50	1000	33.8	A	
700B-06-LS	**12030014**		50	1000	34.9	A	
700B-09-LS	**12030015**		50	500	34.8	A	
700B-10-LS	**12030173**		25	375		A	MTO
1000B-11-LS	**12030206**		25	250	27.8	A	MTO

Note: Use with GRO Pipe Grommets if installing in PVC Pipe.

Tape-Loc Starter Assembly — 400 Barb x 5/8"							
T5B400O-12	**11230040**	Orange Nut with 12" Tube Assembly	25				MTO
T5B400O-18	**11231203**	Orange Nut with 18" Tube Assembly	25				MTO
T5B400O-24	**12031206**	Orange Nut with 24" Tube Assembly	25				MTO
T5B400-12	**11230032**	with 12" Tube Assembly	25				MTO
T5B400-18	**11230028**	with 18" Tube Assembly	25				MTO
T5B400-24	**12031205**	with 24" Tube Assembly	25				MTO

Note: A 400 barb X 5/8" tape valve may be substituted for the 400 barb X 5/8" tape fitting.

Tape-Loc Starter Assembly — 700 Barb x 7/8"							
T7B700O-18	**12031100**	Orange Nut with 18" Tube Assembly	25				MTO
T7B700O-24	**12031101**	Orange Nut with 24" Tube Assembly	25				MTO
T7B700O-36	**12031224**	Orange Nut with 36" Tube Assembly	25				MTO
T7B700-18	**12031191**	with 18" Tube Assembly	25				MTO
T7B700-24	**12031194**	with 24" Tube Assembly	25				MTO
T7B700-36	**12031192**	with 36" Tube Assembly	25				MTO


SSP-BV-06-LS


CPT-BV-06-LS


250B-BV-06-LS


420BV-06-LS


520I-06-LS


250B-06-LS


400B-06-LS


T5B4000-12

FITTINGS

Jain

Tape-Loc Riser Assembly Ordering Guide

1/2" RISER		3/4" RISER		1" RISER	
Slip \ Spigot		**Slip \ Spigot**		**Slip \ Spigot**	
1/2-MHA	**12040003**			1-MHA	12290011
3/4-MHS	**12040029**	3/4-MHA	12040028		
SSP-10-LS	**12030111**	SSP-10-LS1	12030188	SSP-10-LS2	12030194
		SSP-11-LS1	12030136	SSP-11-LS2	12030214
				SSP-14-LS2	12030090

1/2-IPS		3/4-IPS		1-IPS	
1/2-IPS-CL24	**11210017**	3/4-IPS-CL24	11210071	1-IPS-CL24	11210046
1/2-IPS-CL30	**11210020**	3/4-IPS-CL30	11210074	1-IPS-CL30	11210047
1/2-IPS-CL36	**11210021**	3/4-IPS-CL36	11210077	1-IPS-CL36	11210048
1/2-IPS-CL42	**11210023**	3/4-IPS-CL42	11210079	1-IPS-CL48	11210050
1/2-IPS-CL48	**11210025**	3/4-IPS-CL48	11210081		
1/2-IPS-CL60	**11210028**	3/4-IPS-CL60	11210085		
1/2-IPS-CL72	**11210029**	3/4-IPS-CL72	11210087		
Saddles					
AS-1/2-1-1/2	**12080035**				
AS-1/2-2	**12080036**	AS-3/4-2	12080049		
AS-1/2-2-1/2	**12080037**	AS-3/4-2 1/2	12080050		
AS-1/2-3	**12080038**	AS-3/4-3	12080051		
AS-1/2-4	**12080039**	AS-3/4-4	12080052	AS-1-4	12080043
AS-1/2-5	**12080040**	AS-3/4-5	12080053	AS-1-5	12080044
AS-1/2-6	**12080041**	AS-3/4-6	12080054	AS-1-6	12080045
		AS-3/4-8	12080055	AS-1-8	12080046
		AS-3/4-10	12080047		
PIA & Gromments (Non-Glue substitue for Saddles)					
400-PIA	**12040044**	700-PIA-1	12040092	1000-PIA	12040006
700-PIA	**12040061**	*700-GRO	12290032	*1000-GRO	12020002
*400-GRO	**12290031**	*order grommets separately			
*700-GRO	**12290032**				



Example: 3/4-MHA 3/4-IPS-CL24 AS-3/4-4
Description: 3/4" Tape-Loc Adapter, 24" IPS Tubing Lead and 3/4" x 4" Saddle

Compression Fittings

Size Selection Chart - Nominal Tubing Size

Fitting Series Guide	Adapter Color	O.D. (in)	I.D. (in)	O.D. (mm)	I.D. (mm)
250	Orange	0.250	0.245 to 0.255	6.4	4.3
350	Black	0.350	0.345 to 0.355	8.9	6.4
400	Red	0.455	0.450 - 0.460	11.6	9.5
435	Brown	0.490	0.485 to 0.495	12.4	10.2
600	Green	0.620	0.615 to 0.625	15.7	13.2
700	Black	0.685 -0.700	0.590	17.4 -17.8	15.0
710	Blue	0.700 -0.715	0.600	17.8 -18.2	15.2
790	Green	0.790	0.787 to 0.795	20.1	17.3
800	Black	0.830	0.827 to 0.835	21.1	18.3
900	Gray	0.927	0.925 to 0.932	23.5	20.8
1000	Black	1.174	1.172 to 1.180	29.8	26.7

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Stock Code
3-Way Compression Tees							
600-C3T	12010210		25	350	14.0	A	
700-C3T	12010296		25	350	14.0	A	
710-C3T	12010348		25	350	14.0	A	
800-C3T	12010426		25	225	10.0	A	
900-C3T	12010499		25	225	10.0	A	
Compression x 3/4" MHT Tee x Compression							
600-C3TM	12010211		25	400	15.7	A	MTO
700-C3TM	12010297		25	400	15.7	A	MTO
710-C3TM	12010349		25	400	15.7	A	
800-C3TM	12010428		25	250	31.0	A	MTO
900-C3TM	12010501		25	250	31.0	A	MTO
Compression x 3/4" Swivel Tee with Washer							
600-CST-WW	12010244		25	300	20.0	A	
700-CST-WW	12010332		25	300	20.0	A	
710-CST-WW	12010384		25	300	20.0	A	
800-CST-WW	12010458		25	250	16.7	A	
900-CST-WW	12010533		25	250	16.7	A	
Compression x 3/4" Swivel Tee with Screen							
600-CST-WS	12010243		25	300	20.0	A	
700-CST-WS	12010331		25	300	20.0	A	
710-CST-WS	12010383		25	300	20.0	A	
800-CST-WS	12010456		25	250	16.7	A	
900-CST-WS	12010531		25	250	16.7	A	


600-C3T


600-C3TM


600-CST-WW


710-CST-WS

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Compression Fittings

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Stock Code
Compression x 3/4" Swivel Tee with Schrader Valve & Washer							
600-CSTV-WW	12010242		50	300	23.0	A	MTO
700-CSTV-WW	12010330		50	300	23.0	A	MTO
710-CSTV-WW	12010382		50	300	23.0	A	MTO
800-CSTV-WW	12010455		25	200	21.0	A	MTO
900-CSTV-WW	12010530		25	200	21.0	A	MTO
Compression x 3/4" Swivel Tee with Schrader Valve & Screen							
600-CSTV-WS	12010241		50	300	23.0	A	MTO
700-CSTV-WS	12010329		50	300	23.0	A	MTO
710-CSTV-WS	12010381		50	300	23.0	A	MTO
800-CSTV-WS	12010454		25	200	21.0	A	MTO
900-CSTV-WS	12010528		25	200	21.0	A	MTO
Compression Elbow							
600-CELL	12010220		25	500	19.6	A	
700-CELL	12010307		25	500	20.0	A	
710-CELL	12010359		25	500	20.0	A	
800-CELL	12010438		25	450	22.0	A	MTO
900-CELL	12010511		25	450	29.6	A	
Compression x 3/4" Swivel Elbow with Washer							
600-CELL-SN-WW	12010225		25	500	20.0	A	MTO
700-CELL-SN-WW	12010312		25	500	20.0	A	MTO
710-CELL-SN-WW	12010364		25	500	20.0	A	
Compression x 3/4" Swivel Elbow with Screen							
600-CELL-SN-WS	12010224		25	500	20.0	A	MTO
700-CELL-SN-WS	12010311		25	500	20.0	A	MTO
710-CELL-SN-WS	12010363		25	500	20.0	A	MTO



600-CSTV-WS



600-CELL



600-CELL-SN-WW



600-CELL-SN-WS



Compression Fittings

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Stock Code
Compression Couplings							
400-CC	12010108		25	500	15.2	A	MTO
600-CC	12010214		25	750	17.0	A	
700-CC	12010301		25	750	17.0	A	
710-CC	12010353		25	750	18.0	A	
790-CCG	12010408		25	500	18.0	A	MTO
800-CC	12010431		25	500	18.4	A	
900-CC	12010504		25	500	18.4	A	
Compression with Threaded Automatic Flush Valve — Low Low (L) 0.6 GPM required to close; reopens when pressure falls below 1 PSI (white plunger).							
	12010219		50	500	22.0	A	MTO
700-CEFCH-L	12010306		50	500	22.0	A	MTO
710-CEFCH-L	12010358		50	500	25.0	A	MTO
800-CEFCH-L	12010437		25	300	17.5	A	MTO
900-CEFCH-L	12010510		25	300	17.5	A	MTO
Compression with Threaded Automatic Flush Valve — High High (H) 0.8 GPM required to close; reopens when pressure falls below 2 PSI (orange plunger).							
600-CEFCH-H	12010218		50	500	22.0	A	MTO
700-CEFCH-H	12010305		50	500	22.0	A	MTO
710-CEFCH-H	12010357		50	500	25.0	A	
800-CEFCH-H	12010436		25	300	17.5	A	MTO
900-CEFCH-H	12010509		25	300	17.5	A	MTO
Compression x MPT Adapter — 1/2" Thread							
600-CMA	12010234		25	750	30.0	A	MTO
700-CMA	12010321		25	750	30.0	A	MTO
710-CMA	12010373		25	750	30.0	A	MTO
Compression x MPT Adapter — 3/4" Thread							
800-CMA	12010450		25	500	30.0	A	MTO
900-CMA	12010523		25	500	30.0	A	

Compression Couplings



400-CC



600-CC

Compression with Threaded Automatic Flush Valve — Low



600-CEFCH-L

Compression with Threaded Automatic Flush Valve — High



600-CEFCH-L

Compression x MPT Adapter — 1/2" Thread



600-CMA

Compression x MPT Adapter — 3/4" Thread



800-CMA

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Compression Fittings

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Stock Code
Compression x 3/4" MPT Adapter							
600-CRMA	**12010236**		25	1000	24.8	A	MTO
700-CRMA	**12010323**		25	1000	24.8	A	MTO
710-CRMA	**12010375**		25	750	23.7	A	
Compression Reducer Couplings							
900X700-RCC*	**12010541**		25	500	25.0	A	MTO
900X710-RCC*	**12010544**		25	500	25.0	A	MTO

* Glued with PVC fitting.



710-CRMA



900 X 700-RCC

Compression x Swivel Adapter							
600-CHS-WW	**12010233**	with washer	25	600	21.4	A	
700-CHS-WW	**12010320**	with washer	25	600	21.4	A	
710-CHS-WW	**12010372**	with washer	25	600	21.4	A	
800-CHS-WW	**12010449**	with washer	25	300	30.0	A	MTO
900-CHS-WW	**12010522**	with washer	25	500	30.0	A	
600-CHS-WS	**12010232**	with screen	25	600	21.4	A	
700-CHS-WS	**12010319**	with screen	25	600	21.4	A	
710-CHS-WS	**12010371**	with screen	25	600	21.4	A	
800-CHS-WS	**12010448**	with screen	25	300	30.0	A	MTO
900-CHS-WS	**12010521**	with screen	25	500	30.0	A	
Compression x 3/4" MHT Adapter							
400-CE	**12010109**		25	750	17.0	A	MTO
600-CE	**12010215**		25	750	17.0	A	
700-CE	**12010303**		25	750	20.0	A	
710-CE	**12010354**		25	750	25.0	A	
790-CE	**12010409**		25	350	27.5	A	MTO
800-CE	**12010433**		25	300	27.1	A	MTO
900-CE	**12010506**		25	600	27.5	A	
Compression with Threaded Cap							
600-CETC	**12010226**		25	600	21.0	A	
700-CETC	**12010313**		25	600	21.0	A	
710-CETC	**12010365**		25	600	21.0	A	
800-CETC	**12010443**		25	400	22.8	A	MTO
900-CETC	**12010516**		25	500	22.8	A	



600-CHS-WW



400-CE



600-CETC



900-CETC

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Compression Fittings

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Stock Code
Compression / Socket Adapters							
250-CA	**12010065**	250-CA COMP ADAPTER ORANGE *	100	3500	22.0	A	
350-CA	**12010083**	350-CA COMPRESSION ADAPTER BLACK *	100	3500	22.0	A	
400-CA	**12010107**	400-CA COMPRESSION ADAPTER RED *	100	3500	22.0	A	
435-CA	**12010139**	435-CA COMP ADAPTER BROWN *	100	3500	22.0	A	
600-CA	**12010213**	600-CA COMP ADAPTER GREEN *	100	3500	22.0	A	
700-CA	**12010299**	700-CA COMP ADAPTER BLACK *	100	3500	24.0	A	
710-CA	**12010351**	710-CA COMP ADAPTER X 1/2" SOCKET BLUE *	100	3500	24.0	A	
790-CA	**12010407**	790-CA COMP ADAPTER GREEN **	50	1800	21.0	A	
800-CA	**12010430**	800-CA COMP ADAPTER BLACK **	50	1800	21.0	A	
900-CA	**12010503**	900-CA COMP ADAPTER GRAY **	50	1800	23.0	A	
1000-CA-1A	**12010008**	1000-CA-1A COMP ADAPTER FOR SOCKET BLACK***	50	1000	35.0	A	

* - Cements into 1/2" socket ** - Cements into 3/4" socket *** - Cements into 1" socket

Note: Gluing Recommendations; all fitting adapters use IPS #794 Green (PVC/ABS) or equivalent.

Socket Adapters							
P700SA	**72500994**	700 comp. x ID cements over 1/2" PVC pipe; OD into 3/4" PVC socket	25	400	2.8	C	
P710SA	**72500997**	710 comp. x ID cements over 1/2" PVC pipe; OD into 3/4" PVC socket	25	300	2.8	C	

Note: For rigid PVC pipe only.

Gluing **Recommendations:** All fitting adapters use IPS #794 Green (PVC/ABS) or equivalent.

Compression with 3/4" FPT Swivel Adapters							
P600CPS	**72501086**		20	600	21.4	A	MTO
P700CPS	**72501089**		20	600	21.4	A	MTO
P710CPS	**72500948**		20	600	21.4	A	MTO

Compression / Socket Adapters



250-CA



710-CA

Socket Adapters



P700SA

Compression with 3/4" FPT Swivel Adapters



P600CPS

Compression Riser Assembly Ordering Guide

Swivel Adapter		Swivel Tee		Dual Line Tees	
600-CHS-WW	12010233	600-CST-WW	12010244	*MST-WW	12010564
700-CHS-WW	12010320	700-CST-WW	12010332	*MST-WS	12010563
710-CHS-WW	12010372	710-CST-WW	12010384	*MSTV-WW	12010562
800-CHS-WW	12010449	800-CST-WW	12010458	3/4MHAMSTWW	12010570
900-CHS-WW	12010522	900-CST-WW	12010533		
600-CHS-WS	12010232	600-CST-WS	12010243		
700-CHS-WS	12010319	700-CST-WS	12010331	* Will need 2 Swivels to complete connection to tubing	
710-CHS-WS	12010371	710-CST-WS	12010383		
800-CHS-WS	12010448	800-CST-WS	12010456		
900-CHS-WS	12010521	900-CST-WS	12010531		
1/2" RISER		**3/4" RISER**		**1" RISER**	
Valve					
3/4-GB	12062047	3/4-GB	12062047	3/4-GB	12062047
3/4WYE-BLACK	12060024	3/4WYE-BLACK	12060024	3/4WYE-BLACK	12060024
3/4-B	12060012	3/4-B	12060012	3/4-B	12060012
3/4-BU-AG	12060026	3/4-BU-AG	12060026	3/4-BU-AG	12060026
		3/4-BU **	12060015		
		** Adapter not needed			
Adapters					
1/2-MHA	12040003	3/4-MHA	12040028	1-MHA	12290011
3/4-MHS	12040029				
1/2-IPS		**3/4-IPS**		**1-IPS**	
1/2-IPS-CL24	11210017	3/4-IPS-CL24	11210071	1-IPS-CL24	11210046
1/2-IPS-CL30	11210020	3/4-IPS-CL30	11210074	1-IPS-CL30	11210047
1/2-IPS-CL36	11210021	3/4-IPS-CL36	11210077	1-IPS-CL36	11210048
1/2-IPS-CL42	11210023	3/4-IPS-CL42	11210079	1-IPS-CL48	11210050
1/2-IPS-CL48	11210025	3/4-IPS-CL48	11210081		
1/2-IPS-CL60	11210028	3/4-IPS-CL60	11210085		
1/2-IPS-CL72	11210029	3/4-IPS-CL72	11210087		
Saddles					
AS-1/2-1-1/2	12080035	AS-3/4-2	12080049		
AS-1/2-2	12080036	AS-3/4-2 1/2	12080050		
AS-1/2-2-1/2	12080037	AS-3/4-3	12080051		
AS-1/2-3	12080038	AS-3/4-4	12080052		
AS-1/2-4	12080039	AS-3/4-5	12080053	AS-1-4	12080043
AS-1/2-5	12080040	AS-3/4-6	12080054	AS-1-5	12080044
AS-1/2-6	12080041	AS-3/4-8	12080055	AS-1-6	12080045
		AS-3/4-10	12080047	AS-1-8	12080046
PIA & Grommets (Non-Glue substitue for Saddles)					
400-PIA	12040044	700-PIA-1	12040092	1000-PIA	12040006
700-PIA	12040061	*700-GRO	12290032	*1000-GRO	12020002
*400-GRO	12290031	*order grommets separately			
*700-GRO	12290032				

Example: 710-CST-WW 3/4-B 3/4-MHA 3/4-IPS-CL42 AS-3/4-2 1/2
Description: 710 Series Hose Swivel with Washer Tee, 3/4" Ball Valve, 3/4" Male Hose Adpter, 24" IPS Tubing Lead and 3/4" x 2.5" Saddle



Barb and Insert Fittings

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Stock Code
Polybarbed & Poly Threaded Fittings: Coupler							
JO16	**12290078**	0.520" ID 16mm OD tubing	100	2200	17.0	A	
JI16	**12290082**	0.620" ID Single Barb for 18mm OD tubing	100	1500	14.0	A	
JO20	**12290085**	0.710" ID for 20mm OD tubing	50	1000	14.0	A	
400-TB	**12040046**	0.375" ID single barb	250	5500	26.0	B	
700-TB	**12040063**	0.600" ID	250	2250	30.0	A	
400Bx520-I	**12030009**	0.400" ID x 0.520" ID	25	1000	30.0	A	
Polybarbed & Poly Threaded Fittings: Tee							
TO12	**12290077**	0.375" ID for 12mm OD tubing	100	1000	7.0	F	MTO
TO16	**12290080**	0.520" ID for 16mm OD tubing	100	1000	13.0	A	
TI16	**12290084**	0.620" ID single barb for 18mm OD tubing	50	800	17.0	A	
TO20	**12290087**	0.710" ID for 20mm OD tubing	50	500	12.0	A	MTO
Polybarbed & Poly Threaded Fittings: Elbow							
ELO12	**12290076**	0.375" ID for 12mm OD tubing	100	1000	8.0	F	MTO
ELO16	**12290079**	0.520" ID for 16mm OD tubing	100	1700	14.0	A	
ELI16	**12290083**	0.620" ID Single Barb for 18mm OD tubing	50	1000	16.0	A	MTO
ELO20	**12290086**	0.710" ID for 20mm OD tubing	50	750	15.0	A	MTO

Polybarbed & Poly Threaded Fittings: Coupler



JO16



400TB



400Bx520-I

Polybarbed & Poly Threaded Fittings: Tee



TO12

Polybarbed & Poly Threaded Fittings: Elbow



ELO12

Barb and Insert Fittings

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Stock Code
17mm Insert Fittings							
ALCOUP	**72291013**	0.540" ID Insert Coupling	25	300	37.5		
AL050MA	**72291010**	0.540" ID Barb with 1/2" MPT	25	300	42.0		
AL075MA	**72291011**	0.540" ID Barb with 3/4" MPT	25	300	42.0		
ALTEE	**77291024**	0.540" ID Insert Tee	25	300	37.5		
ALELB	**72291022**	0.540" ID Insert Elbow	25	300	39.7		
ALY3/4	**72291025**	17mm Y Connector x 3/4" MPT	25	300			
ALCROSS	**72291027**	17mm Barb Cross	25	300			
AL075FTEE	**72291028**	17mm Barb Tee x 3/4" FPT	25	300			
ALSTAR	**72291026**	17mm Barb x Star	25	300			
AL1FTEE	**72291029**	17mm Barb Tee x 1" FPT	25	300			
ALMPTEL	**72291014**	17mm Barb x 3/4" MPT Adapter Elbow	25	300			
Micro-Tubing Fittings: Barb Connectors							
C125	**72290006**	1/8" (fits 0.125 ID tubing)	100	3000	9.0	B	
C250	**72501964**	1/4" (fits 0.160 ID to 0.170 ID tubing)	100	3000	7.1	B	
170-TB	**12290009**	1/4" (fits 0.160 ID to 0.170 ID tubing) (Replaces 187BC and 31-B170)	500	5000	26.0	B	
250-TB	**12290012**	Fits 0.250 x 0.250 ID tubing	500	5000	26.0	B	
47-TB	**17097032**	4/7 For vinyl	100	2800	23.3	B	
Micro-Tubing Fittings: Thread Connectors							
PRA1032	**72500492**	10-32 thd. x 10-32 thd. Wing (fits 0.160 I.D. tubing)	100	3000	7.1	B	
PRAB170	**72500493**	10-32 thd x .177 Barb (fits 0.160 I.D. tubing)	100	3000	7.1	B	
Micro-Tubing Fittings: Barb Tees							
T125	**72500541**	1/8" (fits 0.125 ID tubing)	50	2500	2.7	B	
T250	**72500542**	1/4" (fits 0.160 ID to 0.170 ID tubing)	100	1500	3.6	B	
Micro-Tubing Fittings: Barb Elbow							
L250	**72015079**	1/4" (fits 0.160 ID to 0.170 ID tubing)	100	3000	7.1	B	

17mm Insert Fittings


ALCOUP


AL050MA


AL075MA


ALTEE


ALELB

Micro-Tubing Fittings: Barb Connectors


C125


C250


170-TB


250-TB


47-TB

Micro-Tubing Fittings: Thread Connectors


PRA1032


PRAB170

Micro-Tubing Fittings: Barb Tees


T125


T250

Micro-Tubing Fittings: Barb Elbow


L250

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Barb and Insert Fittings

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Stock Code
Jain Drip Lock Fittings Fits 0.600-0.630 ID Tubing, 18mm OD Tubing. Compatible with 710 x 620 Tubing							
TJI16	**12290091**	0.620" ID Ring Coupler	50	1200	21.0	A	
TEI16	**12290092**	0.620" ID Ring Elbow	50	750	20.0	A	MTO
TTI16	**12290093**	0.620" ID Ring Tee	50	400	16.0	A	MTO
TSAI16	**12290095**	0.620" ID Ring x 3/4" FHT Swivel Adaptor	50	500	23.0	A	MTO
Barb Fittings							
400-CPIA-400	**12040035**	400 Barb x 400 Compression	50	1500	30.0	A	MTO
400-CPIA-600	**12040039**	400 Barb x 600 Compression	50	1500	30.0	A	
400-CPIA-700	**12040041**	400 Barb x 700 Compression	50	1500	30.0	A	MTO
700-CPIA-600	**12040056**	700 Barb x 600 Compression	50	1300	30.0	A	
700-CPIA-710	**12040058**	700 Barb x 710 Compression	50	1300	30.0	A	MTO
400-PIA	**12040044**	400 Barb x 1/2" Socket / 3/4" Spigot	50	1600	35.0	A	
700-PIA	**12040061**	700 Barb x 1/2" Socket / 3/4" Spigot	50	1500	33.6	A	
700-PIA-1	**12040092**	700 Barb x 3/4" Socket / 1" Spigot	50	1000	36.4	A	
1000-PIA	**12040006**	1000 Barb x 1" Socket / 1 1/4" Spigot	25	450	40.5	A	
250-PIA-S	**12040019**	250 Barb x 1/2" Spigot	50	2400	22.0	A	
400-PIA-S	**12040045**	400 Barb x 1/2" Spigot	50	2100	24.0	A	
700-PIA-S	**12040062**	700 Barb x 1/2" Spigot	50	1700	34.0	A	

Note: Grommets for barb fittings are on page M-02.

Jain Drip Lock Fittings


TJI16


TEI16


TTI16


TSAI16

Barb Fittings


400-CPIA-400


400-CPIA-600


400-CPIA-700


700-CPIA-600


700-CPIA-710


400-PIA


700-PIA


700-PIA-1


1000-PIA


250-PIA-S


400-PIA-S


700-PIA-S

Adapters

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Stock Code
1/2" MPT x 1/2" Socket / 3/4" Spigot (Black PVC)							
1/2-MA	**12040002**		50	500	23.0	A	
MHT x Socket Elbows & Couplers (Black PVC)							
1/2-CSS	**12010004**	1/2" Coupler	50	500	14.8	A	MTO
3/4-CSS	**12010001**	3/4" Coupler	50	500	18.1	A	MTO
1/2-90-MHA	**12010005**	3/4" MHT X 1/2" Socket Ell	50	500	28.1	A	
3/4-90-MHA	**12010002**	3/4" MHT X 3/4" Socket Ell	25	400	22.6	A	
Swivel Connector							
660SWCHP	**12501078**	3/4" FHT x 3/4" FPT Swivel Connector	25	150	5.5	C	
Hose Thread Adapters							
FAM-5075	**72500803**	1/2" MPT x 3/4" MPT Reducing Adapter	25	200	33.6	F	
FAM-H3P	**72500806**	3/4" MHT x 3/4" MPT	25	500	17.0	F	
FAM-H5P	**72500379**	3/4" MPT x 3/4" FHT Swivel	25	200	17.0	F	
Hose Adapters							
1/2-MHA	**12040003**	1/2" Socket / 3/4" Spigot x 3/4" MHT	50	700	32.0	A	
3/4-MHS	**12040029**	1/2" Socket / 3/4" Spigot x 3/4" MHT	50	1000	30.8	A	
3/4-MHA	**12040028**	3/4" Socket / 1" Spigot x 3/4 MHT	50	500	30.6	A	
1-MHA	**12290011**	1" Socket x 3/4" MHT	25	500	31.0	A	

1/2" MPT x 1/2" Socket / 3/4" Spigot (Black PVC)



1/2-MA

MHT x Socket Elbows & Couplers (Black PVC)



1/2-CSS



3/4-CSS

Swivel Connector

660SWCHP

Hose Thread Adapters

FAM-5075



FAM-H3P



FAM-H5P

Hose Adapters



1/2-MHA



3/4-MHS



3/4-MHA



1-MHA

Adapters

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Stock Code
3/4" Female Hose Swivel Adapters							
3/4-FHS-WW	**12040026**	1/2" Socket / 3/4" Spigot x 3/4" FHS with Washer	50	500	21.0	A	
3/4-FHS-WS	**12040025**	1/2" Socket / 3/4" Spigot x 3/4" FHS with Screen	50	500	21.0	A	MTO
3/4-FHS-1-WW	**12040024**	3/4" Socket / 1" Spigot x 3/4" FHS with Washer	50	500	23.0	A	MTO
3/4-FHS-1-WS	**12040023**	3/4" Socket / 1" Spigot x 3/4" FHS with Screen	50	500	23.0	A	MTO
3/4" MHT x 3/4" MHT for Converting to SAS Systems							
SAS-A	**12040085**		50	1000	33.4	A	
3/4" MHT x 3/4" FH Swivel Tee							
MST-WW	**12010564**	with Washer	25	375	16.8	A	
MST-WS	**12010563**	with Screen	25	375	16.8	A	
MSTV-WW	**12010562**	with Pressure Check Valve with Washer	25	300	22.0	A	MTO
3/4" MHA-MST-WW							
3/4-MHA-MST-WW	**12010570**	3/4" Socket x Male Hose Thread x Male Hose Thread Tee	50	250	24.68	A	MTO
1/2" Compression Tapered Pipe Adapter							
350-TPAG	**12040032**	*	50	1200	23.0	A	MTO
400-TPA	**12040047**	*	50	1200	23.0	A	MTO
600-TPA	**12040051**	*	50	1200	23.0	A	MTO

* Glued - Use 29/64" Drill Bit.

3/4" Female Hose Swivel Adapters



3/4-FHS-WW



3/4-FHS-WS



3/4-FHS-1-WW



3/4-FHS-1-WS

3/4" MHT x 3/4" MHT for Converting to SAS Systems



SAS-A

3/4" MHT x 3/4" FH Swivel Tee



MST-WW



MST-WS

3/4" MHA-MST-WW



3/4-MHA-MST-WW

1/2" Compression Tapered Pipe Adapter



400-TPA

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Ball Valves

Model #	Part #	Description	Bag Qty.	Box Qty.	Stock Code
Threaded PVC Ball Valves (NPT)					
BV-005T	**12220100**	1/2" Threaded PVC Ball Valve (NPT)	25	100	MTO
BV-007T	**12220110**	3/4" Threaded PVC Ball Valve (NPT)	25	100	
BV-010T	**12220120**	1" Threaded PVC Ball Valve (NPT)	25	100	MTO
BV-012T	**12220130**	1 1/4" Threaded PVC Ball Valve (NPT)	25	100	MTO
BV-015T	**12220140**	1 1/2" Threaded PVC Ball Valve (NPT)	24	48	MTO
BV-020T	**12220150**	2" Threaded PVC Ball Valve (NPT)	12	24	
BV-025T	**12220155**	2 1/2" Threaded PVC Ball Valve (NPT)	1	10	MTO
BV-030T	**12220160**	3" Threaded PVC Ball Valve (NPT)	1	10	
BV-040T	**12220170**	4" Threaded PVC Ball Valve (NPT)	1	6	MTO
Slip PVC Ball Valves					
BV-005S	**12220001**	1/2"	25	100	MTO
BV-007S	**12220010**	3/4"	25	100	MTO
BV-010S	**12220020**	1"	25	100	MTO
BV-012S	**12220030**	1 1/4"	25	100	MTO
BV-015S	**12220040**	1 1/2"	24	48	MTO
BV-020S	**12220050**	2"	12	24	
BV-025S	**12220055**	2 1/2"	1	10	MTO
BV-030S	**12220060**	3"	1	10	
BV-040S	**12220070**	4"	1	6	MTO
BV-060S	**12220080**	6" (Gray Color)	1	6	MTO

Slip PVC Ball Valves



BV-030S

Saddles

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Stock Code
One-Piece Saddle for PVC Pipe : 1/2" Socket / 3/4" Spigot							
AS-1/2-1-1/2*	**12080035**	1 1/2" Pipe- Black	25	300	21.0	A	
AS-1/2-2	**12080036**	2" Pipe- White	25	300	21.0	A	
AS-1/2-2-1/2	**12080037**	2 1/2" Pipe- Gray	25	300	22.1	A	
AS-1/2-3	**12080038**	3" Pipe- Brown	25	300	22.0	A	
AS-1/2-4	**12080039**	4" Pipe- Green	25	300	22.0	A	
AS-1/2-5	**12080040**	5" Pipe- Red	25	300	22.0	A	
AS-1/2-6	**12080041**	6" Pipe- Blue	25	300	22.3	A	
3/4" Socket / 1" Spigot One-Piece Saddle for PVC Pipe:							
AS-3/4-2	**12080049**	2" Pipe- White	25	250	17.0	A	
AS-3/4-2 1/2	**12080050**	2 1/2" Pipe- Gray	25	250	17.0	A	
AS-3/4-3	**12080051**	3" Pipe- Brown	25	250	17.0	A	
AS-3/4-4	**12080052**	4" Pipe- Green	25	250	17.0	A	
AS-3/4-5	**12080053**	5" Pipe- Red	25	250	17.0	A	
AS-3/4-6	**12080054**	6" Pipe- Blue	25	250	17.0	A	
AS-3/4-8	**12080055**	8" Pipe- Orange	25	250	17.0	A	
AS-3/4-10	**12080047**	10" Pipe- Gray	25	250	18.8	A	
One-Piece Saddle for PVC Pipe : 1" Socket / 1 1/4" Spigot							
AS-1-3	**12080059**	3" Pipe - Brown	25	250	18.8	A	
AS-1-4	**12080043**	4" Pipe- Green	25	250	18.8	A	
AS-1-5	**12080044**	5" Pipe- Red	25	250	18.8	A	
AS-1-6	**12080045**	6" Pipe- Blue	25	250	19.9	A	
AS-1-8	**12080046**	8" Pipe- Orange	25	250	19.9	A	



AS-1/2-1-1/2*



AS-3/4-2



AS-1-3

Drill 1" hole for all above — Use AS-DRILL, (*except AS-1/2-1 1/2: drill 7/8" hole).

Heavy bodied cement IPS #719 or equivalent recommended. Always prime pipe and fitting.
Saddles also available with compression adapters. Call for pricing and availability.

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Part #	Model #	Page	Price
11210017	1/2-IPS-CL24	C-09	$2.95
11210017	1/2-IPS-CL24	C-16	$2.95
11210017	1/2-IPS-CL24	C-22	$2.95
11210020	1/2-IPS-CL30	C-09	$3.77
11210020	1/2-IPS-CL30	C-16	$3.77
11210020	1/2-IPS-CL30	C-22	$3.77
11210021	1/2-IPS-CL36	C-09	$4.29
11210021	1/2-IPS-CL36	C-16	$4.29
11210021	1/2-IPS-CL36	C-22	$4.29
11210023	1/2-IPS-CL42	C-09	$5.12
11210023	1/2-IPS-CL42	C-16	$5.12
11210023	1/2-IPS-CL42	C-22	$5.12
11210025	1/2-IPS-CL48	C-09	$5.42
11210025	1/2-IPS-CL48	C-16	$5.42
11210025	1/2-IPS-CL48	C-22	$5.42
11210028	1/2-IPS-CL60	C-09	$7.72
11210028	1/2-IPS-CL60	C-16	$7.72
11210028	1/2-IPS-CL60	C-22	$7.72
11210029	1/2-IPS-CL72	C-09	$8.82
11210029	1/2-IPS-CL72	C-16	$8.82
11210029	1/2-IPS-CL72	C-22	$8.82
11210046	1-IPS-CL24	C-09	$6.59
11210046	1-IPS-CL24	C-16	$6.59
11210046	1-IPS-CL24	C-22	$6.59
11210047	1-IPS-CL30	C-09	$8.37
11210047	1-IPS-CL30	C-16	$8.37
11210047	1-IPS-CL30	C-22	$8.37
11210048	1-IPS-CL36	C-09	$10.56
11210048	1-IPS-CL36	C-16	$10.56
11210048	1-IPS-CL36	C-22	$10.56
11210050	1-IPS-CL48	C-09	$17.36
11210050	1-IPS-CL48	C-16	$17.36
11210050	1-IPS-CL48	C-22	$17.36
11210071	3/4-IPS-CL24	C-09	$3.38
11210071	3/4-IPS-CL24	C-16	$3.38
11210071	3/4-IPS-CL24	C-22	$3.38
11210074	3/4-IPS-CL30	C-09	$4.21
11210074	3/4-IPS-CL30	C-16	$4.21
11210074	3/4-IPS-CL30	C-22	$4.21
11210077	3/4-IPS-CL36	C-09	$5.12
11210077	3/4-IPS-CL36	C-16	$5.12
11210077	3/4-IPS-CL36	C-22	$5.12
11210079	3/4-IPS-CL42	C-09	$5.83

Part #	Model #	Page	Price
11210079	3/4-IPS-CL42	C-16	$5.83
11210079	3/4-IPS-CL42	C-22	$5.83
11210081	3/4-IPS-CL48	C-09	$6.83
11210081	3/4-IPS-CL48	C-16	$6.83
11210081	3/4-IPS-CL48	C-22	$6.83
11210085	3/4-IPS-CL60	C-09	$8.82
11210085	3/4-IPS-CL60	C-16	$8.82
11210085	3/4-IPS-CL60	C-22	$8.82
11210087	3/4-IPS-CL72	C-09	$11.09
11210087	3/4-IPS-CL72	C-16	$11.09
11210087	3/4-IPS-CL72	C-22	$11.09
11230028	T5B400-18	C-15	$1.82
11230032	T5B400-12	C-15	$2.23
11230040	T5B400O-12	C-15	$1.91
11231203	T5B400O-18	C-15	$1.82
12010001	3/4-CSS	C-26	$1.03
12010002	3/4-90-MHA	C-26	$2.42
12010004	1/2-CSS	C-26	$0.75
12010005	1/2-90-MHA	C-26	$2.19
12010008	1000-CA-1A	C-21	$1.50
12010020	PL-50X06-LS	C-04	$1.81
12010025	PL-60X06-LS	C-04	$1.77
12010032	PL-50X09-LS	C-04	$2.95
12010035	PL-60X09-LS	C-04	$3.11
12010065	250-CA	C-21	$0.34
12010083	350-CA	C-21	$0.34
12010085	PL-80X09-LS	C-04	$2.48
12010107	400-CA	C-21	$0.34
12010108	400-CC	C-19	$0.89
12010109	400-CE	C-20	$1.37
12010139	435-CA	C-21	$0.34
12010210	600-C3T	C-17	$1.35
12010211	600-C3TM	C-17	$2.82
12010213	600-CA	C-21	$0.34
12010214	600-CC	C-19	$0.89
12010215	600-CE	C-20	$0.87
12010218	600-CEFCH-H	C-19	$3.45
12010219	600-CEFCH-L	C-19	$3.45
12010220	600-CELL	C-18	$1.35
12010224	600-CELL-SN-WS	C-18	$2.94
12010225	600-CELL-SN-WW	C-18	$2.81
12010226	600-CETC	C-20	$1.35
12010232	600-CHS-WS	C-20	$1.74

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Part #	Model #	Page	Price
12010232	600-CHS-WS	C-22	$1.74
12010233	600-CHS-WW	C-20	$1.41
12010233	600-CHS-WW	C-22	$1.41
12010234	600-CMA	C-19	$1.22
12010236	600-CRMA	C-20	$1.03
12010241	600-CSTV-WS	C-18	$8.15
12010242	600-CSTV-WW	C-18	$9.19
12010243	600-CST-WS	C-17	$2.09
12010243	600-CST-WS	C-22	$2.09
12010244	600-CST-WW	C-17	$1.97
12010244	600-CST-WW	C-22	$1.97
12010296	700-C3T	C-17	$1.35
12010297	700-C3TM	C-17	$3.16
12010299	700-CA	C-21	$0.34
12010301	700-CC	C-19	$0.89
12010303	700-CE	C-20	$0.87
12010305	700-CEFCH-H	C-19	$3.45
12010306	700-CEFCH-L	C-19	$3.45
12010307	700-CELL	C-18	$1.35
12010311	700-CELL-SN-WS	C-18	$3.14
12010312	700-CELL-SN-WW	C-18	$2.83
12010313	700-CETC	C-20	$1.35
12010319	700-CHS-WS	C-20	$1.74
12010319	700-CHS-WS	C-22	$1.74
12010320	700-CHS-WW	C-20	$1.41
12010320	700-CHS-WW	C-22	$1.41
12010321	700-CMA	C-19	$1.22
12010323	700-CRMA	C-20	$1.03
12010329	700-CSTV-WS	C-18	$9.60
12010330	700-CSTV-WW	C-18	$9.19
12010331	700-CST-WS	C-17	$2.09
12010331	700-CST-WS	C-22	$2.09
12010332	700-CST-WW	C-17	$1.97
12010332	700-CST-WW	C-22	$1.97
12010348	710-C3T	C-17	$1.35
12010349	710-C3TM	C-17	$2.98
12010351	710-CA	C-21	$0.34
12010353	710-CC	C-19	$0.89
12010354	710-CE	C-20	$0.87
12010357	710-CEFCH-H	C-19	$3.45
12010358	710-CEFCH-L	C-19	$3.45
12010359	710-CELL	C-18	$1.35
12010363	710-CELL-SN-WS	C-18	$3.12

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12010364	710-CELL-SN-WW	C-18	$2.83
12010365	710-CETC	C-20	$1.35
12010371	710-CHS-WS	C-20	$1.74
12010371	710-CHS-WS	C-22	$1.74
12010372	710-CHS-WW	C-20	$1.41
12010372	710-CHS-WW	C-22	$1.41
12010373	710-CMA	C-19	$1.22
12010375	710-CRMA	C-20	$1.03
12010381	710-CSTV-WS	C-18	$9.60
12010382	710-CSTV-WW	C-18	$9.19
12010383	710-CST-WS	C-17	$2.09
12010383	710-CST-WS	C-22	$2.09
12010384	710-CST-WW	C-17	$1.97
12010384	710-CST-WW	C-22	$1.97
12010407	790-CA	C-21	$0.57
12010408	790-CCG	C-19	$3.38
12010409	790-CE	C-20	$2.71
12010426	800-C3T	C-17	$2.77
12010428	800-C3TM	C-17	$6.57
12010430	800-CA	C-21	$0.57
12010431	800-CC	C-19	$1.22
12010433	800-CE	C-20	$2.56
12010436	800-CEFCH-H	C-19	$4.72
12010437	800-CEFCH-L	C-19	$4.72
12010438	800-CELL	C-18	$1.91
12010443	800-CETC	C-20	$2.65
12010448	800-CHS-WS	C-20	$3.07
12010448	800-CHS-WS	C-22	$3.07
12010449	800-CHS-WW	C-20	$2.75
12010449	800-CHS-WW	C-22	$2.75
12010450	800-CMA	C-19	$1.77
12010454	800-CSTV-WS	C-18	$11.88
12010455	800-CSTV-WW	C-18	$11.48
12010456	800-CST-WS	C-17	$4.03
12010456	800-CST-WS	C-22	$4.03
12010458	800-CST-WW	C-17	$3.91
12010458	800-CST-WW	C-22	$3.91
12010499	900-C3T	C-17	$2.77
12010501	900-C3TM	C-17	$6.57
12010503	900-CA	C-21	$0.57
12010504	900-CC	C-19	$1.22
12010506	900-CE	C-20	$1.52
12010509	900-CEFCH-H	C-19	$4.72

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12010511	900-CELL	C-18	$1.91
12010516	900-CETC	C-20	$2.12
12010521	900-CHS-WS	C-20	$3.07
12010521	900-CHS-WS	C-22	$3.07
12010522	900-CHS-WW	C-20	$2.75
12010522	900-CHS-WW	C-22	$2.75
12010523	900-CMA	C-19	$1.74
12010528	900-CSTV-WS	C-18	$11.88
12010530	900-CSTV-WW	C-18	$11.48
12010531	900-CST-WS	C-17	$4.03
12010531	900-CST-WS	C-22	$4.03
12010533	900-CST-WW	C-17	$3.91
12010533	900-CST-WW	C-22	$3.91
12010541	900X700-RCC*	C-20	$2.50
12010544	900X710-RCC*	C-20	$2.50
12010562	*MSTV-WW	C-09	$6.27
12010562	*MSTV-WW	C-22	$6.27
12010562	MSTV-WW	C-27	$6.27
12010563	*MST-WS	C-09	$2.09
12010563	*MST-WS	C-22	$2.09
12010563	MST-WS	C-27	$2.09
12010564	*MST-WW	C-09	$1.66
12010564	*MST-WW	C-22	$1.66
12010564	MST-WW	C-27	$1.66
12010570	3/4MHAMSTWW	C-09	$2.45
12010570	3/4MHAMSTWW	C-22	$2.45
12010570	3/4-MHA-MST-WW	C-27	$2.45
12020002	*1000-GRO	C-09	$3.30
12020002	*1000-GRO	C-16	$3.30
12020002	*1000-GRO	C-22	$3.30
12030002	400B-06-LSO	C-15	$0.73
12030004	250B-06-LS	C-15	$0.71
12030008	400B-06-LS	C-15	$0.71
12030009	400Bx520-I	C-23	$0.73
12030011	420BV-06-LS	C-15	$2.91
12030014	700B-06-LS	C-15	$0.80
12030015	700B-09-LS	C-15	$1.45
12030017	MA-06-LS1	C-14	$1.17
12030022	CPT-06-LS	C-11	$0.75
12030024	CPT-09-LS	C-11	$1.28
12030025	CPT-14-LS	C-11	$5.76
12030029	CSP-06-LS350	C-12	$1.69

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12030030	CSP-06-LS400	C-12	$1.69
12030031	FHC-09-LSO	C-13	$3.12
12030032	CPT-09-LSO	C-11	$1.29
12030033	CSP-06-LS600	C-12	$1.69
12030035	CSP-06-LS700	C-12	$1.69
12030036	CSP-06-LS710	C-12	$1.69
12030040	BASF-09-LS	C-14	$3.08
12030041	CSP-09-LS600	C-12	$2.44
12030043	CSP-09-LS710	C-12	$2.44
12030047	CSP-09-LS1-900	C-12	$2.44
12030048	CPT-BV-09-LS	C-15	$11.75
12030049	ELL-06-LS	C-12	$2.51
12030053	END-06-LSC	C-12	$1.50
12030054	END-09-LSC	C-12	$2.01
12030058	FCH-06-LS-L	C-14	$2.62
12030060	FCH-09-LS-L	C-14	$3.15
12030062	CPT-06-LSO	C-11	$0.77
12030063	FHC-06-LS	C-13	$1.56
12030064	FHC-06-PLUG	C-13	$1.46
12030065	FHC-09-LS	C-13	$2.50
12030066	FHC-1-06-LS	C-13	$2.39
12030067	FHC-06-LSO	C-13	$1.90
12030070	FHS-06-LS-WS	C-12	$2.57
12030071	FHS-06-LS-WW	C-12	$2.19
12030072	LST-06-LS-WS	C-11	$3.90
12030073	LST-06-LS-WW	C-11	$3.51
12030076	MA-06-LS	C-14	$1.05
12030077	MA-09-LS1	C-14	$1.54
12030078	MA-09-LS2	C-14	$2.41
12030081	MHT-06-LS	C-14	$1.59
12030082	MHT-09-LS	C-14	$2.16
12030085	SSP-06-LS	C-12	$1.22
12030087	SSP-09-LS	C-12	$1.54
12030088	SSP-09-LS1	C-12	$1.59
12030089	SSP-09-LS2	C-12	$1.92
12030090	SSP-14-LS2	C-12	$3.49
12030090	SSP-14-LS2	C-16	$3.49
12030092	TEE-06-LS	C-11	$2.81
12030097	TEE-06-LSL1/2	C-11	$4.80
12030100	TEE-06-LSL600	C-11	$2.76
12030109	WYE-06-MHT	C-14	$3.29
12030111	SSP-10-LS	C-12	$1.83
12030111	SSP-10-LS	C-16	$1.83

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12030117	SSP-BV-06-LS	C-15	$6.97
12030118	SSP-BV-09-LS	C-15	$7.30
12030119	SSP1-BV-09-LS	C-15	$9.08
12030131	CPT-BV-06-LS	C-15	$8.21
12030134	FPS-06-LS-WW	C-12	$3.72
12030135	CPT-11-LS	C-11	$3.32
12030136	SSP-11-LS1	C-12	$5.53
12030136	SSP-11-LS1	C-16	$5.53
12030137	BASF-11-LS	C-14	$4.44
12030138	END-11-LSC	C-12	$5.25
12030146	ELL-09-LS	C-12	$5.93
12030147	CSP-11-LS1-900	C-12	$3.10
12030151	FHS-09-LS-WW	C-12	$4.40
12030160	250B-BV-06-LS	C-15	$10.86
12030165	400B-BV-06-LS	C-15	$11.29
12030171	CPT-10-LS	C-11	$2.52
12030173	700B-10-LS	C-15	$2.69
12030175	PT50-BV-06-LS	C-15	$10.23
12030177	PT75-BV-06-LS	C-15	$9.97
12030186	BASF-10-LS	C-14	$3.21
12030188	SSP-10-LS1	C-12	$1.91
12030188	SSP-10-LS1	C-16	$1.91
12030189	END-10-LSC	C-12	$2.30
12030191	MHT-10-LS	C-14	$1.83
12030192	FHS-10-LS-WW	C-12	$2.61
12030194	SSP-10-LS2	C-12	$2.23
12030194	SSP-10-LS2	C-16	$2.23
12030195	MA-10-LS1	C-14	$1.81
12030197	MA-10-LS2	C-14	$0.00
12030206	1000B-11-LS	C-15	$0.00
12030210	MHT-11-LS	C-14	$2.64
12030212	FHS-11-LS-WW	C-12	$0.00
12030214	SSP-11-LS2	C-12	$2.77
12030214	SSP-11-LS2	C-16	$2.77
12030216	MA-11-LS1	C-14	$2.67
12030217	MA-11-LS2	C-14	$0.00
12030612	END-BV-06-LS	C-14	$5.67
12030912	END-BV-09-LS	C-14	$5.96
12031100	T7B700O-18	C-15	$4.89
12031101	T7B700O-24	C-15	$5.01
12031112	END-BV-11-LS	C-14	$14.98
12031191	T7B700-18	C-15	$4.76

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12031194	T7B700-24	C-15	$4.89
12031205	T5B400-24	C-15	$1.85
12031206	T5B400O-24	C-15	$2.09
12031224	T7B700O-36	C-15	$5.08
12040002	1/2-MA	C-26	$1.22
12040003	1/2-MHA	C-16	$0.99
12040003	1/2-MHA	C-22	$0.99
12040003	1/2-MHA	C-26	$0.99
12040006	1000-PIA	C-09	$2.06
12040006	1000-PIA	C-16	$2.06
12040006	1000-PIA	C-22	$2.06
12040006	1000-PIA	C-25	$2.06
12040019	250-PIA-S	C-25	$0.70
12040023	3/4-FHS-1-WS	C-27	$2.64
12040024	3/4-FHS-1-WW	C-27	$2.08
12040025	3/4-FHS-WS	C-27	$2.25
12040026	3/4-FHS-WW	C-27	$1.90
12040028	3/4-MHA	C-16	$1.15
12040028	3/4-MHA	C-22	$1.15
12040028	3/4-MHA	C-26	$1.15
12040029	3/4-MHS	C-16	$0.97
12040029	3/4-MHS	C-22	$0.97
12040029	3/4-MHS	C-26	$0.97
12040032	350-TPAG	C-27	$1.95
12040035	400-CPIA-400	C-25	$1.25
12040039	400-CPIA-600	C-25	$1.25
12040041	400-CPIA-700	C-25	$1.25
12040044	400-PIA	C-09	$0.76
12040044	400-PIA	C-16	$0.76
12040044	400-PIA	C-22	$0.76
12040044	400-PIA	C-25	$0.76
12040045	400-PIA-S	C-25	$0.76
12040046	400-TB	C-23	$0.47
12040047	400-TPA	C-27	$1.59
12040051	600-TPA	C-27	$1.59
12040056	700-CPIA-600	C-25	$1.34
12040058	700-CPIA-710	C-25	$1.34
12040061	700-PIA	C-09	$0.85
12040061	700-PIA	C-16	$0.85
12040061	700-PIA	C-22	$0.85
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12040062	700-PIA-S	C-25	$0.85

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12040085	SAS-A	C-27	$1.09
12040092	700-PIA-1	C-09	$1.51
12040092	700-PIA-1	C-16	$1.51
12040092	700-PIA-1	C-22	$1.51
12040092	700-PIA-1	C-25	$1.51
12050001	PL-50-P3T	C-02	$2.51
12050002	PL-50-PST-WW	C-02	$2.70
12050002	PL-50-PST-WW	C-09	$2.70
12050003	PL-50-PST-WS	C-03	$3.05
12050003	PL-50-PST-WS	C-09	$3.05
12050004	PL-50-PELL	C-03	$1.99
12050005	PL-50-PC	C-02	$0.99
12050006	PL-50-PETC	C-05	$1.35
12050007	PL-50-PHS-WW	C-05	$1.69
12050007	PL-50-PHS-WW	C-09	$1.69
12050008	PL-50-PHS-WS	C-05	$2.05
12050008	PL-50-PHS-WS	C-09	$2.05
12050009	PL-50-P1/2-MA	C-04	$0.86
12050010	PL-50-P3/4-MA	C-04	$0.92
12050011	PL-50-PMT	C-04	$0.91
12050012	PL-50-PEF	C-06	$4.76
12050013	PL-70x50-PRC	C-04	$1.94
12050015	PL-50-PEFB	C-06	$3.54
12050018	PL-50-SSP1	C-06	$1.52
12050019	PL-50-SSP	C-06	$1.28
12050026	PL-50-PSELL-WW	C-04	$1.99
12050032	PL-50-P3TM	C-03	$4.70
12050040	250B-BV-PL-50	C-07	$6.77
12050042	PL-50-400B	C-05	$0.99
12050043	PL-50-400BT	C-03	$3.25
12050044	PL-50-700B	C-05	$3.88
12050045	PL-50-700BT	C-03	$3.25
12050046	PL-50-SSPT	C-03	$4.88
12050047	PL-50-SSP1T	C-03	$3.04
12050050	PL-50-MTFCH-L	C-08	$2.97
12050051	PL-50-P3TM-FCH-L	C-08	$4.96
12050060	PL-50-MTFCH-H	C-08	$2.97
12050061	PL-50-P3TM-FCH-H	C-08	$3.70
12050101	PL-60-P3T	C-02	$2.51
12050102	PL-60-PST-WW	C-02	$2.70
12050102	PL-60-PST-WW	C-09	$2.70
12050103	PL-60-PST-WS	C-03	$3.05
12050103	PL-60-PST-WS	C-09	$3.05
12050104	PL-60-PELL	C-03	$1.99
12050105	PL-60-PC	C-02	$0.99
12050106	PL-60-PETC	C-05	$1.35
12050107	PL-60-PHS-WW	C-05	$1.69
12050107	PL-60-PHS-WW	C-09	$1.69
12050108	PL-60-PHS-WS	C-05	$2.05
12050108	PL-60-PHS-WS	C-09	$2.05
12050109	PL-60-P1/2-MA	C-04	$0.86
12050110	PL-60-P3/4-MA	C-04	$0.92
12050111	PL-60-PMT	C-04	$0.93
12050113	PL-60-PEF	C-06	$3.54
12050115	PL-60-PEFB	C-06	$3.54
12050120	PL-60-PSELL-WW	C-04	$1.99
12050121	PL-60-SSP	C-06	$1.28
12050124	PL-60-SSP1	C-06	$1.52
12050126	PL-60-BV-PC	C-07	$4.54
12050127	PL-50-BV-PC	C-07	$4.54
12050140	250B-BV-PL-60	C-07	$6.98
12050142	PL-60-400B	C-05	$0.99
12050143	PL-60-400BT	C-03	$3.30
12050144	PL-60-700B	C-05	$2.06
12050145	PL-60-700BT	C-03	$3.30
12050146	PL-60-SSPT	C-03	$3.04
12050147	PL-60-SSP1T	C-03	$3.04
12050150	PL-60-MTFCH-L	C-08	$2.99
12050151	PL-60-P3TM-FCH-L	C-08	$3.70
12050160	PL-60-MTFCH-H	C-08	$2.99
12050161	PL-60-P3TM-FCH-H	C-08	$3.70
12050201	PL-70-P3T	C-02	$2.76
12050202	PL-70-PST-WW	C-02	$3.11
12050202	PL-70-PST-WW	C-09	$3.11
12050203	PL-70-PST-WS	C-03	$3.49
12050203	PL-70-PST-WS	C-09	$3.49
12050204	PL-70-PELL	C-03	$2.23
12050205	PL-70-PC	C-02	$1.42
12050206	PL-70-PETC	C-05	$1.49
12050207	PL-70-PHS-WW	C-05	$1.89
12050207	PL-70-PHS-WW	C-09	$1.89
12050208	PL-70-PHS-WS	C-05	$2.26
12050208	PL-70-PHS-WS	C-09	$2.26
12050209	PL-70-P1/2-MA	C-04	$0.94
12050210	PL-70-P3/4-MA	C-04	$1.02

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12050219	PL-70-SSP	C-06	$1.39
12050220	PL-70-SSP1	C-06	$1.64
12050223	PL-70-BV-PC	C-07	$5.93
12050232	PL-70-PSELL-WW	C-04	$2.26
12050240	250B-BV-PL-70	C-07	$7.82
12050242	PL-70-400B	C-05	$2.03
12050243	PL-70-400BT	C-03	$3.62
12050244	PL-70-700B	C-05	$2.16
12050245	PL-70-700BT	C-03	$3.62
12050246	PL-70-SSPT	C-03	$4.76
12050247	PL-70-SSP1T	C-03	$3.12
12050250	PL-70-MTFCH-L	C-08	$3.14
12050251	PL-70-P3TM-FCH-L	C-08	$3.90
12050260	PL-70-MTFCH-H	C-08	$3.14
12050261	PL-70-P3TM-FCH-H	C-08	$3.90
12050313	PL-60x50-PRC	C-04	$1.91
12050326	PL-60-PPS-WW	C-05	$2.35
12050508	PL-60-P3TM	C-03	$2.38
12050530	PL-70-P3TM	C-03	$3.52
12050600	PL-80-PST-WW	C-02	$6.23
12050600	PL-80-PST-WW	C-09	$6.23
12050601	PL-80-PST-WS	C-03	$6.43
12050601	PL-80-PST-WS	C-09	$6.43
12050602	PL-80-SSP1	C-06	$1.95
12050603	PL-80-PMT	C-04	$1.89
12050604	PL-80-P3/4-MA	C-04	$1.81
12050605	PL-80-PHS-WW	C-05	$3.51
12050605	PL-80-PHS-WW	C-09	$3.51
12050606	PL-80-PHS-WS	C-05	$3.89
12050606	PL-80-PHS-WS	C-09	$3.89
12050607	PL-80-PC	C-02	$2.88
12050608	PL-80-SSP	C-06	$1.82
12050609	PL-80-P3TM	C-03	$3.59
12050610	PL-100-PST-WW	C-09	$8.91
12050611	PL-100-PC	C-02	$3.28
12050612	PL-100-PST-WS	C-03	$9.19
12050612	PL-100-PST-WS	C-09	$9.19
12050613	PL-100-SSP1	C-06	$2.15
12050614	PL-100-PHS-WW	C-05	$6.24
12050614	PL-100-PHS-WW	C-09	$6.24

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12050615	PL-100-PHS-WS	C-09	$6.62
12050616	PL-80-P3T	C-02	$6.93
12050617	PL-80-PELL	C-03	$4.84
12050618	PL-100-PELL	C-03	$5.61
12050619	PL-100-P3T	C-02	$8.73
12050620	PL-80-PETC	C-05	$2.81
12050626	PL-80-SSPT	C-03	$7.36
12050627	PL-80-SSP1T	C-03	$7.36
12050628	PL-80-MTFCH-L	C-08	$3.31
12050629	PL-80-PSELL-WW	C-04	$4.43
12050630	PL-80-MTFCH-H	C-08	$3.31
12050644	PL-80-700B	C-05	$2.74
12050650	PL-100-MTFCH-L	C-08	$3.68
12050651	PL-80-P3TM-FCH-L	C-08	$4.95
12050660	PL-100-MTFCH-H	C-08	$4.30
12050661	PL-80-P3TM-FCH-H	C-08	$4.95
12050701	PL-100-P3TM	C-03	$6.07
12050702	PL-100-SSPT	C-03	$8.26
12050703	PL-100-SSP1T	C-03	$8.26
12050704	PL-100-P3/4-MA	C-04	$2.12
12050705	PL-100-PSELL-WW	C-04	$6.03
12050707	PL-100-P10-MA	C-04	$2.36
12050708	PL-100-SSP	C-06	$2.02
12050710	PL-100-SSP2	C-06	$2.36
12050711	PL-100-PMT	C-04	$2.31
12050720	PL-100-PETC	C-05	$3.14
12050744	PL-100-700B	C-05	$4.60
12050746	PL-100-1000B	C-05	$4.84
12050751	PL-100-P3TM-FCH-L	C-08	$7.42
12050761	PL-100-P3TM-FCH-H	C-08	$7.42
12051037	PL-50-KMA	C-06	$2.16
12051038	PL-55-KMA	C-06	$2.41
12051065	PL-60-KMA	C-06	$2.30
12051125	PL-70-KMA	C-06	$2.52
12060012	3/4-B	C-09	$4.25
12060012	3/4-B	C-09	$4.25
12060012	3/4-B	C-09	$4.25
12060012	3/4-B	C-10	$4.25
12060012	3/4-B	C-22	$4.25
12060012	3/4-B	C-22	$4.25
12060012	3/4-B	C-22	$4.25
12060015	3/4-BU **	C-09	$6.62

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12060015	3/4-BU **	C-22	$6.62
12060024	3/4WYE-BLACK	C-09	$3.76
12060024	3/4WYE-BLACK	C-09	$3.76
12060024	3/4WYE-BLACK	C-09	$3.76
12060024	3/4WYE-BLACK	C-10	$3.76
12060024	3/4WYE-BLACK	C-22	$3.76
12060024	3/4WYE-BLACK	C-22	$3.76
12060024	3/4WYE-BLACK	C-22	$3.76
12060026	3/4-BU-AG	C-09	$11.09
12060026	3/4-BU-AG	C-09	$11.09
12060026	3/4-BU-AG	C-09	$11.09
12060026	3/4-BU-AG	C-10	$11.09
12060026	3/4-BU-AG	C-22	$11.09
12060026	3/4-BU-AG	C-22	$11.09
12060026	3/4-BU-AG	C-22	$11.09
12060043	SAS-1JU	C-10	$12.86
12060044	SAS-3	C-10	$14.09
12062047	3/4-GB	C-09	$2.22
12062047	3/4-GB	C-09	$2.22
12062047	3/4-GB	C-09	$2.22
12062047	3/4-GB	C-10	$2.22
12062047	3/4-GB	C-22	$2.22
12062047	3/4-GB	C-22	$2.22
12062047	3/4-GB	C-22	$2.22
12080035	AS-1/2-1-1/2	C-09	$1.22
12080035	AS-1/2-1-1/2	C-16	$1.22
12080035	AS-1/2-1-1/2	C-22	$1.22
12080035	AS-1/2-1-1/2*	C-29	$1.22
12080036	AS-1/2-2	C-09	$1.22
12080036	AS-1/2-2	C-16	$1.22
12080036	AS-1/2-2	C-22	$1.22
12080036	AS-1/2-2	C-29	$1.22
12080037	AS-1/2-2-1/2	C-09	$1.22
12080037	AS-1/2-2-1/2	C-16	$1.22
12080037	AS-1/2-2-1/2	C-22	$1.22
12080037	AS-1/2-2-1/2	C-29	$1.22
12080038	AS-1/2-3	C-09	$1.22
12080038	AS-1/2-3	C-16	$1.22
12080038	AS-1/2-3	C-22	$1.22
12080038	AS-1/2-3	C-29	$1.22
12080039	AS-1/2-4	C-09	$1.22
12080039	AS-1/2-4	C-16	$1.22

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12080039	AS-1/2-4	C-29	$1.22
12080040	AS-1/2-5	C-09	$1.22
12080040	AS-1/2-5	C-16	$1.22
12080040	AS-1/2-5	C-22	$1.22
12080040	AS-1/2-5	C-29	$1.22
12080041	AS-1/2-6	C-09	$1.22
12080041	AS-1/2-6	C-16	$1.22
12080041	AS-1/2-6	C-22	$1.22
12080041	AS-1/2-6	C-29	$1.22
12080043	AS-1-4	C-09	$1.48
12080043	AS-1-4	C-16	$1.48
12080043	AS-1-4	C-22	$1.48
12080043	AS-1-4	C-29	$1.48
12080044	AS-1-5	C-09	$1.48
12080044	AS-1-5	C-16	$1.48
12080044	AS-1-5	C-22	$1.48
12080044	AS-1-5	C-29	$1.48
12080045	AS-1-6	C-09	$1.48
12080045	AS-1-6	C-16	$1.48
12080045	AS-1-6	C-22	$1.48
12080045	AS-1-6	C-29	$1.48
12080046	AS-1-8	C-09	$1.48
12080046	AS-1-8	C-16	$1.48
12080046	AS-1-8	C-22	$1.48
12080046	AS-1-8	C-29	$1.48
12080047	AS-3/4-10	C-09	$1.30
12080047	AS-3/4-10	C-16	$1.30
12080047	AS-3/4-10	C-22	$1.30
12080047	AS-3/4-10	C-29	$1.30
12080049	AS-3/4-2	C-09	$1.30
12080049	AS-3/4-2	C-16	$1.30
12080049	AS-3/4-2	C-22	$1.30
12080049	AS-3/4-2	C-29	$1.30
12080050	AS-3/4-2 1/2	C-09	$1.30
12080050	AS-3/4-2 1/2	C-16	$1.30
12080050	AS-3/4-2 1/2	C-22	$1.30
12080050	AS-3/4-2 1/2	C-29	$1.30
12080051	AS-3/4-3	C-09	$1.30
12080051	AS-3/4-3	C-16	$1.30
12080051	AS-3/4-3	C-22	$1.30
12080051	AS-3/4-3	C-29	$1.30
12080052	AS-3/4-4	C-09	$1.30

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12080052	AS-3/4-4	C-22	$1.30
12080052	AS-3/4-4	C-29	$1.30
12080053	AS-3/4-5	C-09	$1.30
12080053	AS-3/4-5	C-16	$1.30
12080053	AS-3/4-5	C-22	$1.30
12080053	AS-3/4-5	C-29	$1.30
12080054	AS-3/4-6	C-09	$1.30
12080054	AS-3/4-6	C-16	$1.30
12080054	AS-3/4-6	C-22	$1.30
12080054	AS-3/4-6	C-29	$1.30
12080055	AS-3/4-8	C-09	$1.30
12080055	AS-3/4-8	C-16	$1.30
12080055	AS-3/4-8	C-22	$1.30
12080055	AS-3/4-8	C-29	$1.30
12080059	AS-1-3	C-29	$1.48
12220001	BV-005S	C-28	$2.61
12220010	BV-007S	C-28	$3.52
12220020	BV-010S	C-28	$5.35
12220030	BV-012S	C-28	$7.35
12220040	BV-015S	C-28	$9.11
12220050	BV-020S	C-28	$13.67
12220055	BV-025S	C-28	$44.24
12220060	BV-030S	C-28	$69.61
12220070	BV-040S	C-28	$123.59
12220080	BV-060S	C-28	$390.77
12220100	BV-005T	C-28	$2.61
12220110	BV-007T	C-28	$3.52
12220120	BV-010T	C-28	$5.35
12220130	BV-012T	C-28	$7.35
12220140	BV-015T	C-28	$9.11
12220150	BV-020T	C-28	$13.67
12220155	BV-025T	C-28	$44.24
12220160	BV-030T	C-28	$69.61
12220170	BV-040T	C-28	$123.59
12290009	170-TB	C-24	$0.17
12290011	1-MHA	C-16	$1.51
12290011	1-MHA	C-22	$1.51
12290011	1-MHA	C-26	$1.51
12290012	250-TB	C-24	$0.28
12290031	*400-GRO	C-09	$0.52
12290031	*400-GRO	C-16	$0.52
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12290032	*700-GRO	C-16	$0.86
12290032	*700-GRO	C-16	$0.86
12290032	*700-GRO	C-22	$0.86
12290032	*700-GRO	C-22	$0.86
12290076	ELO12	C-23	$0.49
12290077	TO12	C-23	$0.57
12290078	JO16	C-23	$0.41
12290079	ELO16	C-23	$0.57
12290080	TO16	C-23	$0.64
12290082	JI16	C-23	$0.59
12290083	ELI16	C-23	$0.78
12290084	TI16	C-23	$0.82
12290085	JO20	C-23	$0.70
12290086	ELO20	C-23	$0.87
12290087	TO20	C-23	$0.93
12290091	TJI16	C-25	$0.75
12290092	TEI16	C-25	$1.71
12290093	TTI16	C-25	$1.54
12290095	TSAI16	C-25	$2.19
12501078	660SWCHP	C-26	$6.56
17097032	47-TB	C-24	$0.18
72015079	L250	C-24	$0.18
72050301	PL-55-P3T	C-02	$2.63
72050302	PL-55-PST-WW	C-02	$3.25
72050302	PL-55-PST-WW	C-09	$3.25
72050304	PL-55-PELL	C-03	$2.05
72050305	PL-55-PC	C-02	$1.10
72050306	PL-55-PETC	C-05	$1.77
72050307	PL-55-PHS-WW	C-05	$1.91
72050307	PL-55-PHS-WW	C-09	$1.91
72050308	PL-55-P1/2-MA	C-04	$1.78
72050310	PL-55-P3TM	C-03	$2.38
72050311	PL-55-PMT	C-04	$1.24
72050312	PL-55-PEF	C-06	$4.12
72050314	PL-55-BV-PC	C-07	$4.84
72050315	PL-55-PST-WS	C-03	$4.10
72050315	PL-55-PST-WS	C-09	$4.10
72050316	PL-55-PHS-WS	C-05	$2.15
72050316	PL-55-PHS-WS	C-09	$2.15
72050317	PL-55-P3/4-MA	C-04	$1.78
72050320	PL-55-SSPT	C-03	$3.77

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72050324	PL-55-SSP	C-06	$1.38
72050325	PL-55-PPS-WW	C-05	$2.39
72050328	PL-55-MTFCH-L	C-08	$3.08
72050329	PL-55-SSP1T	C-03	$3.77
72050330	PL-55-MTFCH-H	C-08	$3.08
72050331	PL-55-P3TM-FCH-L	C-08	$4.03
72050332	PL-55-P3TM-FCH-H	C-08	$4.03
72050333	PL-55-PSELL-WW	C-04	$2.09
72290006	C125	C-24	$0.15
72291010	AL050MA	C-24	$0.82
72291011	AL075MA	C-24	$0.83
72291013	ALCOUP	C-24	$0.31
72291014	ALMPTEL	C-24	$0.83
72291022	ALELB	C-24	$0.86
72291025	ALY3/4	C-24	$1.65
72291026	ALSTAR	C-24	$1.65
72291027	ALCROSS	C-24	$1.65
72291028	AL075FTEE	C-24	$2.06
72291029	AL1FTEE	C-24	$2.06
72500289	440VLBB	C-10	$3.24
72500379	FAM-H5P	C-26	$3.56
72500492	PRA1032	C-24	$0.22
72500493	PRAB170	C-24	$0.22
72500541	T125	C-24	$0.29
72500542	T250	C-24	$0.20
72500803	FAM-5075	C-26	$1.25
72500806	FAM-H3P	C-26	$1.25
72500948	P710CPS	C-21	$4.81
72500994	P700SA	C-21	$0.99
72500997	P710SA	C-21	$1.02
72501086	P600CPS	C-21	$1.43
72501089	P700CPS	C-21	$5.38
72501099	446VLBB	C-10	$3.74
72501100	770VLBB	C-10	$6.40
72501101	880VLBB	C-10	$8.48
72501964	C250	C-24	$0.17
77291024	ALTEE	C-24	$0.85

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C-02	PL-50-PST-WW	12050002	$2.70
C-02	PL-50-PC	12050005	$0.99
C-02	PL-60-P3T	12050101	$2.51
C-02	PL-60-PST-WW	12050102	$2.70
C-02	PL-60-PC	12050105	$0.99
C-02	PL-70-P3T	12050201	$2.76
C-02	PL-70-PST-WW	12050202	$3.11
C-02	PL-70-PC	12050205	$1.42
C-02	PL-80-PST-WW	12050600	$6.23
C-02	PL-80-PC	12050607	$2.88
C-02	PL-100-PC	12050611	$3.28
C-02	PL-80-P3T	12050616	$6.93
C-02	PL-100-P3T	12050619	$8.73
C-02	PL-55-P3T	72050301	$2.63
C-02	PL-55-PST-WW	72050302	$3.25
C-02	PL-55-PC	72050305	$1.10
C-03	PL-50-PST-WS	12050003	$3.05
C-03	PL-50-PELL	12050004	$1.99
C-03	PL-50-P3TM	12050032	$4.70
C-03	PL-50-400BT	12050043	$3.25
C-03	PL-50-700BT	12050045	$3.25
C-03	PL-50-SSPT	12050046	$4.88
C-03	PL-50-SSP1T	12050047	$3.04
C-03	PL-60-PST-WS	12050103	$3.05
C-03	PL-60-PELL	12050104	$1.99
C-03	PL-60-400BT	12050143	$3.30
C-03	PL-60-700BT	12050145	$3.30
C-03	PL-60-SSPT	12050146	$3.04
C-03	PL-60-SSP1T	12050147	$3.04
C-03	PL-70-PST-WS	12050203	$3.49
C-03	PL-70-PELL	12050204	$2.23
C-03	PL-70-400BT	12050243	$3.62
C-03	PL-70-700BT	12050245	$3.62
C-03	PL-70-SSPT	12050246	$4.76
C-03	PL-70-SSP1T	12050247	$3.12
C-03	PL-60-P3TM	12050508	$2.38
C-03	PL-70-P3TM	12050530	$3.52
C-03	PL-80-PST-WS	12050601	$6.43
C-03	PL-80-P3TM	12050609	$3.59
C-03	PL-100-PST-WS	12050612	$9.19
C-03	PL-80-PELL	12050617	$4.84
C-03	PL-100-PELL	12050618	$5.61

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C-03	PL-80-SSP1T	12050627	$7.36
C-03	PL-100-P3TM	12050701	$6.07
C-03	PL-100-SSPT	12050702	$8.26
C-03	PL-100-SSP1T	12050703	$8.26
C-03	PL-55-PELL	72050304	$2.05
C-03	PL-55-P3TM	72050310	$2.38
C-03	PL-55-PST-WS	72050315	$4.10
C-03	PL-55-SSPT	72050320	$3.77
C-03	PL-55-SSP1T	72050329	$3.77
C-04	PL-50X06-LS	12010020	$1.81
C-04	PL-60X06-LS	12010025	$1.77
C-04	PL-50X09-LS	12010032	$2.95
C-04	PL-60X09-LS	12010035	$3.11
C-04	PL-80X09-LS	12010085	$2.48
C-04	PL-50-P1/2-MA	12050009	$0.86
C-04	PL-50-P3/4-MA	12050010	$0.92
C-04	PL-50-PMT	12050011	$0.91
C-04	PL-70x50-PRC	12050013	$1.94
C-04	PL-50-PSELL-WW	12050026	$1.99
C-04	PL-60-P1/2-MA	12050109	$0.86
C-04	PL-60-P3/4-MA	12050110	$0.92
C-04	PL-60-PMT	12050111	$0.93
C-04	PL-60-PSELL-WW	12050120	$1.99
C-04	PL-70-P1/2-MA	12050209	$0.94
C-04	PL-70-P3/4-MA	12050210	$1.02
C-04	PL-70-PMT	12050211	$0.97
C-04	PL-70-PSELL-WW	12050232	$2.26
C-04	PL-60x50-PRC	12050313	$1.91
C-04	PL-80-PMT	12050603	$1.89
C-04	PL-80-P3/4-MA	12050604	$1.81
C-04	PL-80-PSELL-WW	12050629	$4.43
C-04	PL-100-P3/4-MA	12050704	$2.12
C-04	PL-100-PSELL-WW	12050705	$6.03
C-04	PL-100-P10-MA	12050707	$2.36
C-04	PL-100-PMT	12050711	$2.31
C-04	PL-55-P1/2-MA	72050308	$1.78
C-04	PL-55-PMT	72050311	$1.24
C-04	PL-55-P3/4-MA	72050317	$1.78
C-04	PL-55-PSELL-WW	72050333	$2.09
C-05	PL-50-PETC	12050006	$1.35
C-05	PL-50-PHS-WW	12050007	$1.69
C-05	PL-50-PHS-WS	12050008	$2.05

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C-05	PL-60-PETC	12050106	$1.35
C-05	PL-60-PHS-WW	12050107	$1.69
C-05	PL-60-PHS-WS	12050108	$2.05
C-05	PL-60-400B	12050142	$0.99
C-05	PL-60-700B	12050144	$2.06
C-05	PL-70-PETC	12050206	$1.49
C-05	PL-70-PHS-WW	12050207	$1.89
C-05	PL-70-PHS-WS	12050208	$2.26
C-05	PL-70-400B	12050242	$2.03
C-05	PL-70-700B	12050244	$2.16
C-05	PL-60-PPS-WW	12050326	$2.35
C-05	PL-80-PHS-WW	12050605	$3.51
C-05	PL-80-PHS-WS	12050606	$3.89
C-05	PL-100-PHS-WW	12050614	$6.24
C-05	PL-100-PHS-WS	12050615	$6.62
C-05	PL-80-PETC	12050620	$2.81
C-05	PL-80-700B	12050644	$2.74
C-05	PL-100-PETC	12050720	$3.14
C-05	PL-100-700B	12050744	$4.60
C-05	PL-100-1000B	12050746	$4.84
C-05	PL-55-PETC	72050306	$1.77
C-05	PL-55-PHS-WW	72050307	$1.91
C-05	PL-55-PHS-WS	72050316	$2.15
C-05	PL-55-PPS-WW	72050325	$2.39
C-06	PL-50-PEF	12050012	$4.76
C-06	PL-50-PEFB	12050015	$3.54
C-06	PL-50-SSP1	12050018	$1.52
C-06	PL-50-SSP	12050019	$1.28
C-06	PL-60-PEF	12050113	$3.54
C-06	PL-60-PEFB	12050115	$3.54
C-06	PL-60-SSP	12050121	$1.28
C-06	PL-60-SSP1	12050124	$1.52
C-06	PL-70-PEF	12050213	$3.90
C-06	PL-70-PEFB	12050215	$3.90
C-06	PL-70-SSP	12050219	$1.39
C-06	PL-70-SSP1	12050220	$1.64
C-06	PL-80-SSP1	12050602	$1.95
C-06	PL-80-SSP	12050608	$1.82
C-06	PL-100-SSP1	12050613	$2.15
C-06	PL-100-SSP	12050708	$2.02
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C-06	PL-55-KMA	12051038	$2.41
C-06	PL-60-KMA	12051065	$2.30
C-06	PL-70-KMA	12051125	$2.52
C-06	PL-55-PEF	72050312	$4.12
C-06	PL-55-SSP1	72050321	$1.71
C-06	PL-55-SSP	72050324	$1.38
C-07	250B-BV-PL-50	12050040	$6.77
C-07	PL-60-BV-PC	12050126	$4.54
C-07	PL-50-BV-PC	12050127	$4.54
C-07	250B-BV-PL-60	12050140	$6.98
C-07	PL-70-BV-PC	12050223	$5.93
C-07	250B-BV-PL-70	12050240	$7.82
C-07	PL-55-BV-PC	72050314	$4.84
C-08	PL-50-MTFCH-L	12050050	$2.97
C-08	PL-50-P3TM-FCH-L	12050051	$4.96
C-08	PL-50-MTFCH-H	12050060	$2.97
C-08	PL-50-P3TM-FCH-H	12050061	$3.70
C-08	PL-60-MTFCH-L	12050150	$2.99
C-08	PL-60-P3TM-FCH-L	12050151	$3.70
C-08	PL-60-MTFCH-H	12050160	$2.99
C-08	PL-60-P3TM-FCH-H	12050161	$3.70
C-08	PL-70-MTFCH-L	12050250	$3.14
C-08	PL-70-P3TM-FCH-L	12050251	$3.90
C-08	PL-70-MTFCH-H	12050260	$3.14
C-08	PL-70-P3TM-FCH-H	12050261	$3.90
C-08	PL-80-MTFCH-L	12050628	$3.31
C-08	PL-80-MTFCH-H	12050630	$3.31
C-08	PL-100-MTFCH-L	12050650	$3.68
C-08	PL-80-P3TM-FCH-L	12050651	$4.95
C-08	PL-100-MTFCH-H	12050660	$4.30
C-08	PL-80-P3TM-FCH-H	12050661	$4.95
C-08	PL-100-P3TM-FCH-L	12050751	$7.42
C-08	PL-100-P3TM-FCH-H	12050761	$7.42
C-08	PL-55-MTFCH-L	72050328	$3.08
C-08	PL-55-MTFCH-H	72050330	$3.08
C-08	PL-55-P3TM-FCH-L	72050331	$4.03
C-08	PL-55-P3TM-FCH-H	72050332	$4.03
C-09	1/2-IPS-CL24	11210017	$2.95
C-09	1/2-IPS-CL30	11210020	$3.77
C-09	1/2-IPS-CL36	11210021	$4.29
C-09	1/2-IPS-CL42	11210023	$5.12
C-09	1/2-IPS-CL48	11210025	$5.42

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C-09	1/2-IPS-CL72	11210029	$8.82
C-09	1-IPS-CL24	11210046	$6.59
C-09	1-IPS-CL30	11210047	$8.37
C-09	1-IPS-CL36	11210048	$10.56
C-09	1-IPS-CL48	11210050	$17.36
C-09	3/4-IPS-CL24	11210071	$3.38
C-09	3/4-IPS-CL30	11210074	$4.21
C-09	3/4-IPS-CL36	11210077	$5.12
C-09	3/4-IPS-CL42	11210079	$5.83
C-09	3/4-IPS-CL48	11210081	$6.83
C-09	3/4-IPS-CL60	11210085	$8.82
C-09	3/4-IPS-CL72	11210087	$11.09
C-09	*MSTV-WW	12010562	$6.27
C-09	*MST-WS	12010563	$2.09
C-09	*MST-WW	12010564	$1.66
C-09	3/4MHAMSTWW	12010570	$2.45
C-09	*1000-GRO	12020002	$3.30
C-09	1000-PIA	12040006	$2.06
C-09	400-PIA	12040044	$0.76
C-09	700-PIA	12040061	$0.85
C-09	700-PIA-1	12040092	$1.51
C-09	PL-50-PST-WW	12050002	$2.70
C-09	PL-50-PST-WS	12050003	$3.05
C-09	PL-50-PHS-WW	12050007	$1.69
C-09	PL-50-PHS-WS	12050008	$2.05
C-09	PL-60-PST-WW	12050102	$2.70
C-09	PL-60-PST-WS	12050103	$3.05
C-09	PL-60-PHS-WW	12050107	$1.69
C-09	PL-60-PHS-WS	12050108	$2.05
C-09	PL-70-PST-WW	12050202	$3.11
C-09	PL-70-PST-WS	12050203	$3.49
C-09	PL-70-PHS-WW	12050207	$1.89
C-09	PL-70-PHS-WS	12050208	$2.26
C-09	PL-80-PST-WW	12050600	$6.23
C-09	PL-80-PST-WS	12050601	$6.43
C-09	PL-80-PHS-WW	12050605	$3.51
C-09	PL-80-PHS-WS	12050606	$3.89
C-09	PL-100-PST-WW	12050610	$8.91
C-09	PL-100-PST-WS	12050612	$9.19
C-09	PL-100-PHS-WW	12050614	$6.24
C-09	PL-100-PHS-WS	12050615	$6.62
C-09	3/4-B	12060012	$4.25

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C-09	3/4-B	12060012	$4.25
C-09	3/4-BU **	12060015	$6.62
C-09	3/4WYE-BLACK	12060024	$3.76
C-09	3/4WYE-BLACK	12060024	$3.76
C-09	3/4WYE-BLACK	12060024	$3.76
C-09	3/4-BU-AG	12060026	$11.09
C-09	3/4-BU-AG	12060026	$11.09
C-09	3/4-BU-AG	12060026	$11.09
C-09	3/4-GB	12062047	$2.22
C-09	3/4-GB	12062047	$2.22
C-09	3/4-GB	12062047	$2.22
C-09	AS-1/2-1-1/2	12080035	$1.22
C-09	AS-1/2-2	12080036	$1.22
C-09	AS-1/2-2-1/2	12080037	$1.22
C-09	AS-1/2-3	12080038	$1.22
C-09	AS-1/2-4	12080039	$1.22
C-09	AS-1/2-5	12080040	$1.22
C-09	AS-1/2-6	12080041	$1.22
C-09	AS-1-4	12080043	$1.48
C-09	AS-1-5	12080044	$1.48
C-09	AS-1-6	12080045	$1.48
C-09	AS-1-8	12080046	$1.48
C-09	AS-3/4-10	12080047	$1.30
C-09	AS-3/4-2	12080049	$1.30
C-09	AS-3/4-2 1/2	12080050	$1.30
C-09	AS-3/4-3	12080051	$1.30
C-09	AS-3/4-4	12080052	$1.30
C-09	AS-3/4-5	12080053	$1.30
C-09	AS-3/4-6	12080054	$1.30
C-09	AS-3/4-8	12080055	$1.30
C-09	*400-GRO	12290031	$0.52
C-09	*700-GRO	12290032	$0.86
C-09	*700-GRO	12290032	$0.86
C-09	PL-55-PST-WW	72050302	$3.25
C-09	PL-55-PHS-WW	72050307	$1.91
C-09	PL-55-PST-WS	72050315	$4.10
C-09	PL-55-PHS-WS	72050316	$2.15
C-10	3/4-B	12060012	$4.25
C-10	3/4-BU	12060015	$6.62
C-10	3/4WYE-BLACK	12060024	$3.76
C-10	3/4-BU-AG	12060026	$11.09
C-10	SAS-1JU	12060043	$12.86

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C-10	3/4-GB	12062047	$2.22
C-10	440VLBB	72500289	$3.24
C-10	446VLBB	72501099	$3.74
C-10	770VLBB	72501100	$6.40
C-10	880VLBB	72501101	$8.48
C-11	CPT-06-LS	12030022	$0.75
C-11	CPT-09-LS	12030024	$1.28
C-11	CPT-14-LS	12030025	$5.76
C-11	CPT-09-LSO	12030032	$1.29
C-11	CPT-06-LSO	12030062	$0.77
C-11	LST-06-LS-WS	12030072	$3.90
C-11	LST-06-LS-WW	12030073	$3.51
C-11	TEE-06-LS	12030092	$2.81
C-11	TEE-06-LSL1/2	12030097	$4.80
C-11	TEE-06-LSL600	12030100	$2.76
C-11	CPT-11-LS	12030135	$3.32
C-11	CPT-10-LS	12030171	$2.52
C-12	CSP-06-LS350	12030029	$1.69
C-12	CSP-06-LS400	12030030	$1.69
C-12	CSP-06-LS600	12030033	$1.69
C-12	CSP-06-LS700	12030035	$1.69
C-12	CSP-06-LS710	12030036	$1.69
C-12	CSP-09-LS600	12030041	$2.44
C-12	CSP-09-LS710	12030043	$2.44
C-12	CSP-09-LS1-900	12030047	$2.44
C-12	ELL-06-LS	12030049	$2.51
C-12	END-06-LSC	12030053	$1.50
C-12	END-09-LSC	12030054	$2.01
C-12	FHS-06-LS-WS	12030070	$2.57
C-12	FHS-06-LS-WW	12030071	$2.19
C-12	SSP-06-LS	12030085	$1.22
C-12	SSP-09-LS	12030087	$1.54
C-12	SSP-09-LS1	12030088	$1.59
C-12	SSP-09-LS2	12030089	$1.92
C-12	SSP-14-LS2	12030090	$3.49
C-12	SSP-10-LS	12030111	$1.83
C-12	FPS-06-LS-WW	12030134	$3.72
C-12	SSP-11-LS1	12030136	$5.53
C-12	END-11-LSC	12030138	$5.25
C-12	ELL-09-LS	12030146	$5.93
C-12	CSP-11-LS1-900	12030147	$3.10
C-12	FHS-09-LS-WW	12030151	$4.40

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C-12	SSP-10-LS1	12030188	$1.91
C-12	END-10-LSC	12030189	$2.30
C-12	FHS-10-LS-WW	12030192	$2.61
C-12	SSP-10-LS2	12030194	$2.23
C-12	FHS-11-LS-WW	12030212	$0.00
C-12	SSP-11-LS2	12030214	$2.77
C-13	FHC-09-LSO	12030031	$3.12
C-13	FHC-06-LS	12030063	$1.56
C-13	FHC-06-PLUG	12030064	$1.46
C-13	FHC-09-LS	12030065	$2.50
C-13	FHC-1-06-LS	12030066	$2.39
C-13	FHC-06-LSO	12030067	$1.90
C-14	MA-06-LS1	12030017	$1.17
C-14	BASF-09-LS	12030040	$3.08
C-14	FCH-06-LS-L	12030058	$2.62
C-14	FCH-09-LS-L	12030060	$3.15
C-14	MA-06-LS	12030076	$1.05
C-14	MA-09-LS1	12030077	$1.54
C-14	MA-09-LS2	12030078	$2.41
C-14	MHT-06-LS	12030081	$1.59
C-14	MHT-09-LS	12030082	$2.16
C-14	WYE-06-MHT	12030109	$3.29
C-14	BASF-11-LS	12030137	$4.44
C-14	BASF-10-LS	12030186	$3.21
C-14	MHT-10-LS	12030191	$1.83
C-14	MA-10-LS1	12030195	$1.81
C-14	MA-10-LS2	12030197	$0.00
C-14	MHT-11-LS	12030210	$2.64
C-14	MA-11-LS1	12030216	$2.67
C-14	MA-11-LS2	12030217	$0.00
C-14	END-BV-06-LS	12030612	$5.67
C-14	END-BV-09-LS	12030912	$5.96
C-14	END-BV-11-LS	12031112	$14.98
C-15	T5B400-18	11230028	$1.82
C-15	T5B400-12	11230032	$2.23
C-15	T5B400O-12	11230040	$1.91
C-15	T5B400O-18	11231203	$1.82
C-15	400B-06-LSO	12030002	$0.73
C-15	250B-06-LS	12030004	$0.71
C-15	400B-06-LS	12030008	$0.71
C-15	420BV-06-LS	12030011	$2.91
C-15	700B-06-LS	12030014	$0.80
C-15	700B-09-LS	12030015	$1.45

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C-15	520I-06-LS	12030112	$0.61
C-15	SSP-BV-06-LS	12030117	$6.97
C-15	SSP-BV-09-LS	12030118	$7.30
C-15	SSP1-BV-09-LS	12030119	$9.08
C-15	CPT-BV-06-LS	12030131	$8.21
C-15	250B-BV-06-LS	12030160	$10.86
C-15	400B-BV-06-LS	12030165	$11.29
C-15	700B-10-LS	12030173	$2.69
C-15	PT50-BV-06-LS	12030175	$10.23
C-15	PT75-BV-06-LS	12030177	$9.97
C-15	1000B-11-LS	12030206	$0.00
C-15	T7B700O-18	12031100	$4.89
C-15	T7B700O-24	12031101	$5.01
C-15	T7B700-18	12031191	$4.76
C-15	T7B700-36	12031192	$5.08
C-15	T7B700-24	12031194	$4.89
C-15	T5B400-24	12031205	$1.85
C-15	T5B400O-24	12031206	$2.09
C-15	T7B700O-36	12031224	$5.08
C-16	1/2-IPS-CL24	11210017	$2.95
C-16	1/2-IPS-CL30	11210020	$3.77
C-16	1/2-IPS-CL36	11210021	$4.29
C-16	1/2-IPS-CL42	11210023	$5.12
C-16	1/2-IPS-CL48	11210025	$5.42
C-16	1/2-IPS-CL60	11210028	$7.72
C-16	1/2-IPS-CL72	11210029	$8.82
C-16	1-IPS-CL24	11210046	$6.59
C-16	1-IPS-CL30	11210047	$8.37
C-16	1-IPS-CL36	11210048	$10.56
C-16	1-IPS-CL48	11210050	$17.36
C-16	3/4-IPS-CL24	11210071	$3.38
C-16	3/4-IPS-CL30	11210074	$4.21
C-16	3/4-IPS-CL36	11210077	$5.12
C-16	3/4-IPS-CL42	11210079	$5.83
C-16	3/4-IPS-CL48	11210081	$6.83
C-16	3/4-IPS-CL60	11210085	$8.82
C-16	3/4-IPS-CL72	11210087	$11.09
C-16	*1000-GRO	12020002	$3.30
C-16	SSP-14-LS2	12030090	$3.49
C-16	SSP-10-LS	12030111	$1.83
C-16	SSP-11-LS1	12030136	$5.53
C-16	SSP-10-LS1	12030188	$1.91

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C-16	SSP-10-LS2	12030194	$2.23
C-16	SSP-11-LS2	12030214	$2.77
C-16	1/2-MHA	12040003	$0.99
C-16	1000-PIA	12040006	$2.06
C-16	3/4-MHA	12040028	$1.15
C-16	3/4-MHS	12040029	$0.97
C-16	400-PIA	12040044	$0.76
C-16	700-PIA	12040061	$0.85
C-16	700-PIA-1	12040092	$1.51
C-16	AS-1/2-1-1/2	12080035	$1.22
C-16	AS-1/2-2	12080036	$1.22
C-16	AS-1/2-2-1/2	12080037	$1.22
C-16	AS-1/2-3	12080038	$1.22
C-16	AS-1/2-4	12080039	$1.22
C-16	AS-1/2-5	12080040	$1.22
C-16	AS-1/2-6	12080041	$1.22
C-16	AS-1-4	12080043	$1.48
C-16	AS-1-5	12080044	$1.48
C-16	AS-1-6	12080045	$1.48
C-16	AS-1-8	12080046	$1.48
C-16	AS-3/4-10	12080047	$1.30
C-16	AS-3/4-2	12080049	$1.30
C-16	AS-3/4-2 1/2	12080050	$1.30
C-16	AS-3/4-3	12080051	$1.30
C-16	AS-3/4-4	12080052	$1.30
C-16	AS-3/4-5	12080053	$1.30
C-16	AS-3/4-6	12080054	$1.30
C-16	AS-3/4-8	12080055	$1.30
C-16	1-MHA	12290011	$1.51
C-16	*400-GRO	12290031	$0.52
C-16	*700-GRO	12290032	$0.86
C-16	*700-GRO	12290032	$0.86
C-17	600-C3T	12010210	$1.35
C-17	600-C3TM	12010211	$2.82
C-17	600-CST-WS	12010243	$2.09
C-17	600-CST-WW	12010244	$1.97
C-17	700-C3T	12010296	$1.35
C-17	700-C3TM	12010297	$3.16
C-17	700-CST-WS	12010331	$2.09
C-17	700-CST-WW	12010332	$1.97
C-17	710-C3T	12010348	$1.35
C-17	710-C3TM	12010349	$2.98
C-17	710-CST-WS	12010383	$2.09

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C-17	800-C3TM	12010428	$6.57
C-17	800-CST-WS	12010456	$4.03
C-17	800-CST-WW	12010458	$3.91
C-17	900-C3T	12010499	$2.77
C-17	900-C3TM	12010501	$6.57
C-17	900-CST-WS	12010531	$4.03
C-17	900-CST-WW	12010533	$3.91
C-18	600-CELL	12010220	$1.35
C-18	600-CELL-SN-WS	12010224	$2.94
C-18	600-CELL-SN-WW	12010225	$2.81
C-18	600-CSTV-WS	12010241	$8.15
C-18	600-CSTV-WW	12010242	$9.19
C-18	700-CELL	12010307	$1.35
C-18	700-CELL-SN-WS	12010311	$3.14
C-18	700-CELL-SN-WW	12010312	$2.83
C-18	700-CSTV-WS	12010329	$9.60
C-18	700-CSTV-WW	12010330	$9.19
C-18	710-CELL	12010359	$1.35
C-18	710-CELL-SN-WS	12010363	$3.12
C-18	710-CELL-SN-WW	12010364	$2.83
C-18	710-CSTV-WS	12010381	$9.60
C-18	710-CSTV-WW	12010382	$9.19
C-18	800-CELL	12010438	$1.91
C-18	800-CSTV-WS	12010454	$11.88
C-18	800-CSTV-WW	12010455	$11.48
C-18	900-CELL	12010511	$1.91
C-18	900-CSTV-WS	12010528	$11.88
C-18	900-CSTV-WW	12010530	$11.48
C-19	400-CC	12010108	$0.89
C-19	600-CC	12010214	$0.89
C-19	600-CEFCH-H	12010218	$3.45
C-19	600-CEFCH-L	12010219	$3.45
C-19	600-CMA	12010234	$1.22
C-19	700-CC	12010301	$0.89
C-19	700-CEFCH-H	12010305	$3.45
C-19	700-CEFCH-L	12010306	$3.45
C-19	700-CMA	12010321	$1.22
C-19	710-CC	12010353	$0.89
C-19	710-CEFCH-H	12010357	$3.45
C-19	710-CEFCH-L	12010358	$3.45
C-19	710-CMA	12010373	$1.22

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C-19	790-CCG	12010408	$3.38
C-19	800-CC	12010431	$1.22
C-19	800-CEFCH-H	12010436	$4.72
C-19	800-CEFCH-L	12010437	$4.72
C-19	800-CMA	12010450	$1.77
C-19	900-CC	12010504	$1.22
C-19	900-CEFCH-H	12010509	$4.72
C-19	900-CEFCH-L	12010510	$4.72
C-19	900-CMA	12010523	$1.74
C-20	400-CE	12010109	$1.37
C-20	600-CE	12010215	$0.87
C-20	600-CETC	12010226	$1.35
C-20	600-CHS-WS	12010232	$1.74
C-20	600-CHS-WW	12010233	$1.41
C-20	600-CRMA	12010236	$1.03
C-20	700-CE	12010303	$0.87
C-20	700-CETC	12010313	$1.35
C-20	700-CHS-WS	12010319	$1.74
C-20	700-CHS-WW	12010320	$1.41
C-20	700-CRMA	12010323	$1.03
C-20	710-CE	12010354	$0.87
C-20	710-CETC	12010365	$1.35
C-20	710-CHS-WS	12010371	$1.74
C-20	710-CHS-WW	12010372	$1.41
C-20	710-CRMA	12010375	$1.03
C-20	790-CE	12010409	$2.71
C-20	800-CE	12010433	$2.56
C-20	800-CETC	12010443	$2.65
C-20	800-CHS-WS	12010448	$3.07
C-20	800-CHS-WW	12010449	$2.75
C-20	900-CE	12010506	$1.52
C-20	900-CETC	12010516	$2.12
C-20	900-CHS-WS	12010521	$3.07
C-20	900-CHS-WW	12010522	$2.75
C-20	900X700-RCC*	12010541	$2.50
C-20	900X710-RCC*	12010544	$2.50
C-21	1000-CA-1A	12010008	$1.50
C-21	250-CA	12010065	$0.34
C-21	350-CA	12010083	$0.34
C-21	400-CA	12010107	$0.34
C-21	435-CA	12010139	$0.34
C-21	600-CA	12010213	$0.34
C-21	700-CA	12010299	$0.34

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Page	Model #	Part #	Price
C-21	710-CA	12010351	$0.34
C-21	790-CA	12010407	$0.57
C-21	800-CA	12010430	$0.57
C-21	900-CA	12010503	$0.57
C-21	P710CPS	72500948	$4.81
C-21	P700A	72500993	$0.99
C-21	P700SA	72500994	$0.99
C-21	P710SA	72500997	$1.02
C-21	P900A	72501001	$2.20
C-21	P600CPS	72501086	$1.43
C-21	P700CPS	72501089	$5.38
C-22	1/2-IPS-CL24	11210017	$2.95
C-22	1/2-IPS-CL30	11210020	$3.77
C-22	1/2-IPS-CL36	11210021	$4.29
C-22	1/2-IPS-CL42	11210023	$5.12
C-22	1/2-IPS-CL48	11210025	$5.42
C-22	1/2-IPS-CL60	11210028	$7.72
C-22	1/2-IPS-CL72	11210029	$8.82
C-22	1-IPS-CL24	11210046	$6.59
C-22	1-IPS-CL30	11210047	$8.37
C-22	1-IPS-CL36	11210048	$10.56
C-22	1-IPS-CL48	11210050	$17.36
C-22	3/4-IPS-CL24	11210071	$3.38
C-22	3/4-IPS-CL30	11210074	$4.21
C-22	3/4-IPS-CL36	11210077	$5.12
C-22	3/4-IPS-CL42	11210079	$5.83
C-22	3/4-IPS-CL48	11210081	$6.83
C-22	3/4-IPS-CL60	11210085	$8.82
C-22	3/4-IPS-CL72	11210087	$11.09
C-22	600-CHS-WS	12010232	$1.74
C-22	600-CHS-WW	12010233	$1.41
C-22	600-CST-WS	12010243	$2.09
C-22	600-CST-WW	12010244	$1.97
C-22	700-CHS-WS	12010319	$1.74
C-22	700-CHS-WW	12010320	$1.41
C-22	700-CST-WS	12010331	$2.09
C-22	700-CST-WW	12010332	$1.97
C-22	710-CHS-WS	12010371	$1.74
C-22	710-CHS-WW	12010372	$1.41
C-22	710-CST-WS	12010383	$2.09
C-22	710-CST-WW	12010384	$1.97
C-22	800-CHS-WS	12010448	$3.07
C-22	800-CHS-WW	12010449	$2.75

Page	Model #	Part #	Price
C-22	800-CST-WS	12010456	$4.03
C-22	800-CST-WW	12010458	$3.91
C-22	900-CHS-WS	12010521	$3.07
C-22	900-CHS-WW	12010522	$2.75
C-22	900-CST-WS	12010531	$4.03
C-22	900-CST-WW	12010533	$3.91
C-22	*MSTV-WW	12010562	$6.27
C-22	*MST-WS	12010563	$2.09
C-22	*MST-WW	12010564	$1.66
C-22	3/4MHAMSTWW	12010570	$2.45
C-22	*1000-GRO	12020002	$3.30
C-22	1/2-MHA	12040003	$0.99
C-22	1000-PIA	12040006	$2.06
C-22	3/4-MHA	12040028	$1.15
C-22	3/4-MHS	12040029	$0.97
C-22	400-PIA	12040044	$0.76
C-22	700-PIA	12040061	$0.85
C-22	700-PIA-1	12040092	$1.51
C-22	3/4-B	12060012	$4.25
C-22	3/4-B	12060012	$4.25
C-22	3/4-B	12060012	$4.25
C-22	3/4-BU **	12060015	$6.62
C-22	3/4WYE-BLACK	12060024	$3.76
C-22	3/4WYE-BLACK	12060024	$3.76
C-22	3/4WYE-BLACK	12060024	$3.76
C-22	3/4-BU-AG	12060026	$11.09
C-22	3/4-BU-AG	12060026	$11.09
C-22	3/4-BU-AG	12060026	$11.09
C-22	3/4-GB	12062047	$2.22
C-22	3/4-GB	12062047	$2.22
C-22	3/4-GB	12062047	$2.22
C-22	AS-1/2-1-1/2	12080035	$1.22
C-22	AS-1/2-2	12080036	$1.22
C-22	AS-1/2-2-1/2	12080037	$1.22
C-22	AS-1/2-3	12080038	$1.22
C-22	AS-1/2-4	12080039	$1.22
C-22	AS-1/2-5	12080040	$1.22
C-22	AS-1/2-6	12080041	$1.22
C-22	AS-1-4	12080043	$1.48
C-22	AS-1-5	12080044	$1.48
C-22	AS-1-6	12080045	$1.48
C-22	AS-1-8	12080046	$1.48
C-22	AS-3/4-10	12080047	$1.30

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Page	Model #	Part #	Price
C-22	AS-3/4-2	12080049	$1.30
C-22	AS-3/4-2 1/2	12080050	$1.30
C-22	AS-3/4-3	12080051	$1.30
C-22	AS-3/4-4	12080052	$1.30
C-22	AS-3/4-5	12080053	$1.30
C-22	AS-3/4-6	12080054	$1.30
C-22	AS-3/4-8	12080055	$1.30
C-22	1-MHA	12290011	$1.51
C-22	*400-GRO	12290031	$0.52
C-22	*700-GRO	12290032	$0.86
C-22	*700-GRO	12290032	$0.86
C-23	400Bx520-I	12030009	$0.73
C-23	400-TB	12040046	$0.47
C-23	700-TB	12040063	$0.60
C-23	ELO12	12290076	$0.50
C-23	TO12	12290077	$0.57
C-23	JO16	12290078	$0.41
C-23	ELO16	12290079	$0.57
C-23	TO16	12290080	$0.64
C-23	JI16	12290082	$0.59
C-23	ELI16	12290083	$0.78
C-23	TI16	12290084	$0.82
C-23	JO20	12290085	$0.70
C-23	ELO20	12290086	$0.87
C-23	TO20	12290087	$0.93
C-24	170-TB	12290009	$0.17
C-24	250-TB	12290012	$0.28
C-24	47-TB	17097032	$0.18
C-24	L250	72015079	$0.18
C-24	C125	72290006	$0.15
C-24	AL050MA	72291010	$0.82
C-24	AL075MA	72291011	$0.83
C-24	ALCOUP	72291013	$0.31
C-24	ALMPTEL	72291014	$0.83
C-24	ALELB	72291022	$0.86
C-24	ALY3/4	72291025	$1.65
C-24	ALSTAR	72291026	$1.65
C-24	ALCROSS	72291027	$1.65
C-24	AL075FTEE	72291028	$2.06
C-24	AL1FTEE	72291029	$2.06
C-24	PRA1032	72500492	$0.22
C-24	PRAB170	72500493	$0.22
C-24	T125	72500541	$0.29
C-24	T250	72500542	$0.20
C-24	C250	72501964	$0.17
C-24	ALTEE	77291024	$0.85
C-25	1000-PIA	12040006	$2.06
C-25	250-PIA-S	12040019	$0.70
C-25	400-CPIA-400	12040035	$1.25
C-25	400-CPIA-600	12040039	$1.25
C-25	400-CPIA-700	12040041	$1.25
C-25	400-PIA	12040044	$0.76
C-25	400-PIA-S	12040045	$0.76
C-25	700-CPIA-600	12040056	$1.34
C-25	700-CPIA-710	12040058	$1.34
C-25	700-PIA	12040061	$0.85
C-25	700-PIA-S	12040062	$0.85
C-25	700-PIA-1	12040092	$1.51
C-25	TJI16	12290091	$0.75
C-25	TEI16	12290092	$1.71
C-25	TTI16	12290093	$1.54
C-25	TSAI16	12290095	$2.19
C-26	3/4-CSS	12010001	$1.03
C-26	3/4-90-MHA	12010002	$2.42
C-26	1/2-CSS	12010004	$0.75
C-26	1/2-90-MHA	12010005	$2.19
C-26	1/2-MA	12040002	$1.22
C-26	1/2-MHA	12040003	$0.99
C-26	3/4-MHA	12040028	$1.15
C-26	3/4-MHS	12040029	$0.97
C-26	1-MHA	12290011	$1.51
C-26	660SWCHP	12501078	$6.56
C-26	FAM-H5P	72500379	$3.56
C-26	FAM-5075	72500803	$1.25
C-26	FAM-H3P	72500806	$1.25
C-27	MSTV-WW	12010562	$6.27
C-27	MST-WS	12010563	$2.09
C-27	MST-WW	12010564	$1.66
C-27	3/4-MHA-MST-WW	12010570	$2.45
C-27	3/4-FHS-1-WS	12040023	$2.64
C-27	3/4-FHS-1-WW	12040024	$2.08
C-27	3/4-FHS-WS	12040025	$2.25
C-27	3/4-FHS-WW	12040026	$1.90
C-27	350-TPAG	12040032	$1.95
C-27	400-TPA	12040047	$1.59
C-27	600-TPA	12040051	$1.59

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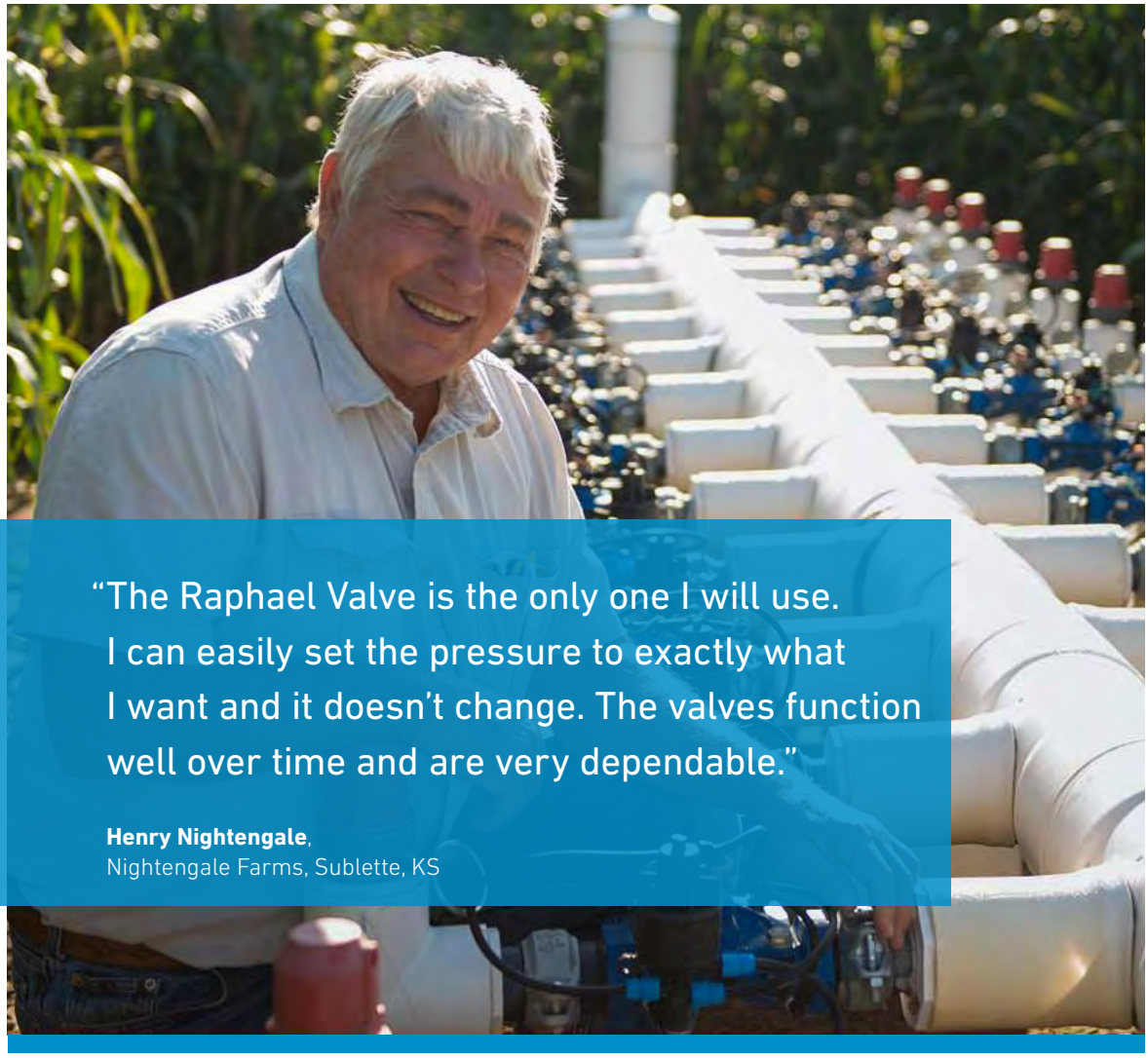
Page	Model #	Part #	Price
C-27	SAS-A	12040085	$1.09
C-28	BV-005S	12220001	$2.61
C-28	BV-007S	12220010	$3.52
C-28	BV-010S	12220020	$5.35
C-28	BV-012S	12220030	$7.35
C-28	BV-015S	12220040	$9.11
C-28	BV-020S	12220050	$13.67
C-28	BV-025S	12220055	$44.24
C-28	BV-030S	12220060	$69.61
C-28	BV-040S	12220070	$123.59
C-28	BV-060S	12220080	$390.77
C-28	BV-005T	12220100	$2.61
C-28	BV-007T	12220110	$3.52
C-28	BV-010T	12220120	$5.35
C-28	BV-012T	12220130	$7.35
C-28	BV-015T	12220140	$9.11
C-28	BV-020T	12220150	$13.67
C-28	BV-025T	12220155	$44.24
C-28	BV-030T	12220160	$69.61
C-28	BV-040T	12220170	$123.59
C-29	AS-1/2-1-1/2*	12080035	$1.22
C-29	AS-1/2-2	12080036	$1.22
C-29	AS-1/2-2-1/2	12080037	$1.22
C-29	AS-1/2-3	12080038	$1.22
C-29	AS-1/2-4	12080039	$1.22
C-29	AS-1/2-5	12080040	$1.22
C-29	AS-1/2-6	12080041	$1.22
C-29	AS-1-4	12080043	$1.48
C-29	AS-1-5	12080044	$1.48
C-29	AS-1-6	12080045	$1.48
C-29	AS-1-8	12080046	$1.48
C-29	AS-3/4-10	12080047	$1.30
C-29	AS-3/4-2	12080049	$1.30
C-29	AS-3/4-2 1/2	12080050	$1.30
C-29	AS-3/4-3	12080051	$1.30
C-29	AS-3/4-4	12080052	$1.30
C-29	AS-3/4-5	12080053	$1.30
C-29	AS-3/4-6	12080054	$1.30
C-29	AS-3/4-8	12080055	$1.30
C-29	AS-1-3	12080059	$1.48



"The Raphael Valve is the only one I will use. I can easily set the pressure to exactly what I want and it doesn't change. The valves function well over time and are very dependable."

Henry Nightengale,
Nightengale Farms, Sublette, KS

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Jain Hydraulic Valve Functions

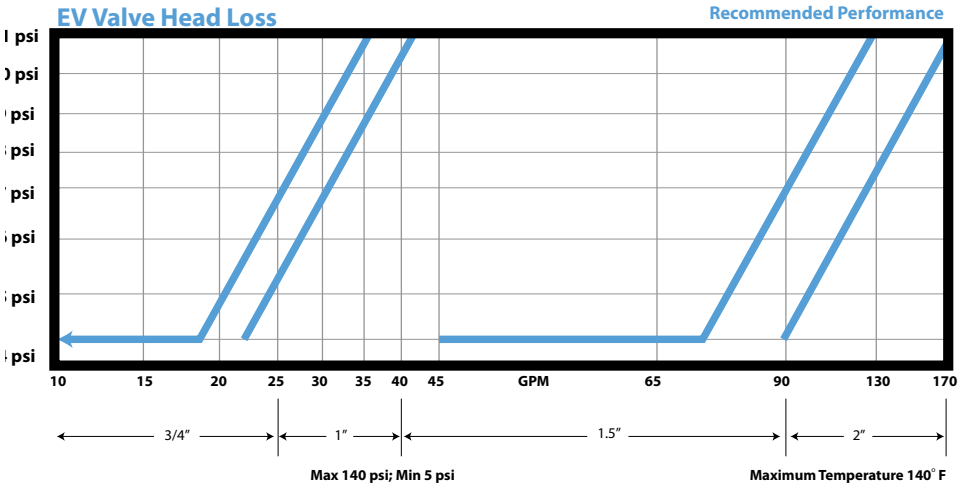
- Select the desired valve function from the table below
- Size the valve body using the performance charts
- Use the valve body and valve function on the price table to find list price.
- Order the exact model using the Model Builder below

	Hydraulic Valve Functions
B	Basic Body with diaphragm, bonnet and bonnet bolts, includes Schrader valves upstream and down stream for checking pressure. Unused ports are plugged.
M	Manual valve, B plus a 3 way manual selector valve, required tube and fittings
MEL	Manual Electric valve, M plus a solenoid for automatic operation via a controller.
MRC	Manual Remote Control valve, M plus a Hydraulic Relay for remote automation via hydraulic lines.
PRM	Pressure Reducing Manual valve, M plus a pressure reducing pilot. Pilot monitors down stream pressure and reduces down stream pressure by partially closing the valve so that the set down stream pressure is not exceeded.
PRMEL	Pressure Reducing Manual Electric valve, PRM plus a solenoid for automatic operation via a controller.
PRMRC	Pressure Reducing Manual Remote Control valve, PRM plus a Hydraulic Relay for remote automation via hydraulic lines.
PSM	Pressure Sustaining Manual valve, M plus a pressure sustaining pilot. Pilot monitors upstream pressure and restricts down stream flow to maintain upstream set pressure. Also functions as a Pressure Relief valve when discharged to atmosphere. Also functions as a Slow Opening valve to control fill flow rates.
PSMEL	Pressure Sustaining Manual Electric valve, PSM plus a solenoid for automatic operation via a controller.
PSMRC	Pressure Sustaining Manual Remote Control valve, PSM plus a Hydraulic Relay for remote automation via hydraulic lines.
PSPRM	Pressure Sustaining Pressure Reducing Manual valve, combination of a PSM and PRM valve. Valve will be sustaining until set upstream pressure is met. After upstream pressure is met down stream pressure with will be reduced to maintain set down with stream pressure.
PSPRMEL	Pressure Sustaining Pressure Reducing Manual Electric valve, PSPRM with a solenoid for automatic operation via a controller.
PSPRMRC	Pressure Sustaining Pressure Reducing Remote Control valve, PSPRM with a hydraulic Relay for automatic operation via hydraulic lines.
QR or 2PS	Quick Reacting Pressure Relief valve or 2 Way Pressure Sustaining valve. This is the 2 way version of the PSM valve less the manual 3 way selector. It reacts quickly but is more susceptible to dirty water plugging.
2PR	Pressure Reducing valve, this is the 2 way version of the PRM valve less the 3 way selector. It reacts quickly but is more susceptible to dirty water plugging.
2PR2PS	Pressure Sustaining and Pressure Reducing valve. This is the 2 way version of the 2PS & 2PR It reacts quickly but is more susceptible to dirty water plugging.

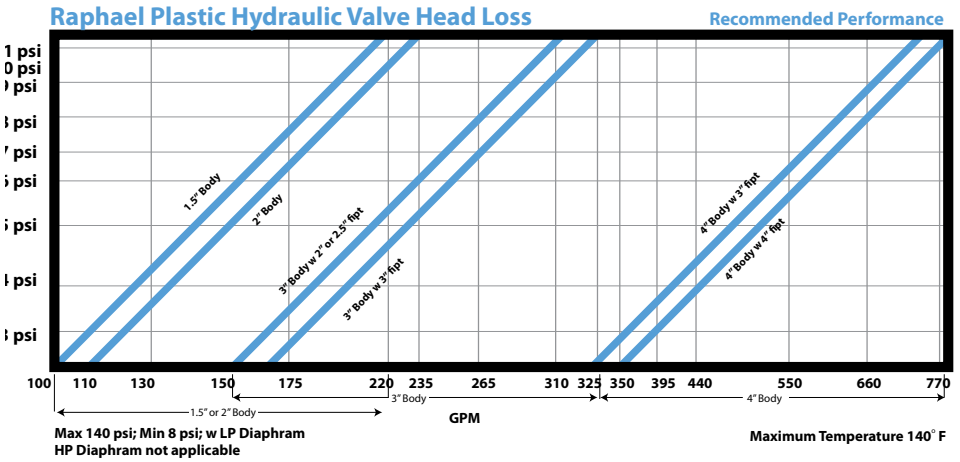
Other functions available by special order.

Performance Charts and Sizing

Locate design flow on the lower horizontal axis. Move vertically until you hit a red line. This line indicates the value size you should use. If you ca continue vertically and intersect another red line this line also indicates a valid valve size. The higher line is less expensive but has more head loss. The lower line is more expensive but has less head loss. Move horizontally to the left from the point of intersection to read the corresponding head loss on the left vertical axis.





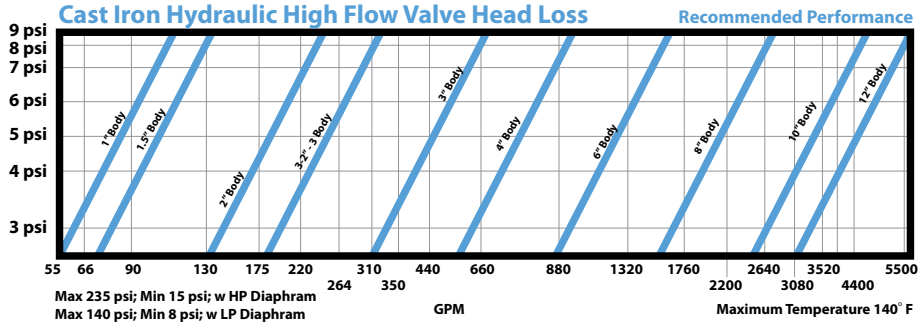




JAIN Hydraulic Valves Sizing

Cast Iron Hydraulic High Flow Valve Head Loss

Recommended Performance



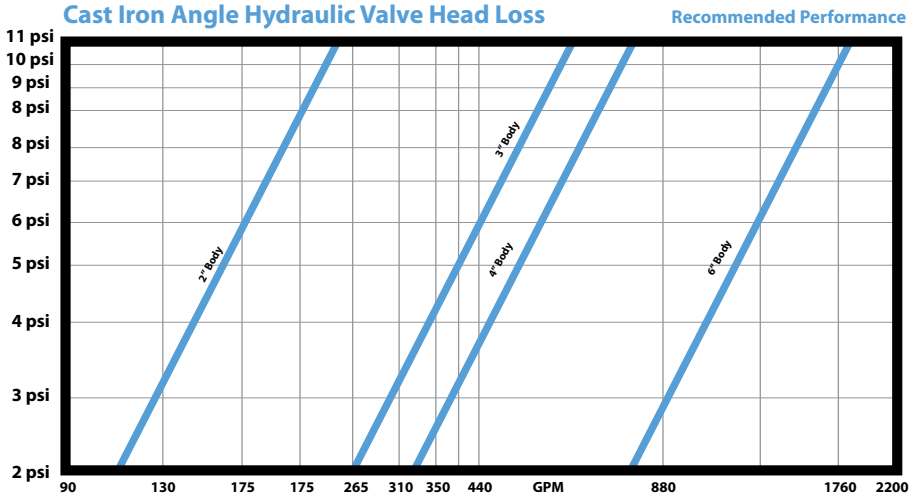
Max 235 psi; Min 15 psi; w HP Diaphram
Max 140 psi; Min 8 psi; w LP Diaphram

Maximum Temperature 140° F



Cast Iron Angle Hydraulic Valve Head Loss

Recommended Performance



Max 235 psi; Min 15 psi; w HP Diaphram
Max 140 psi; Min 8 psi; w LP Diaphram

Maximum Temperature 140° F



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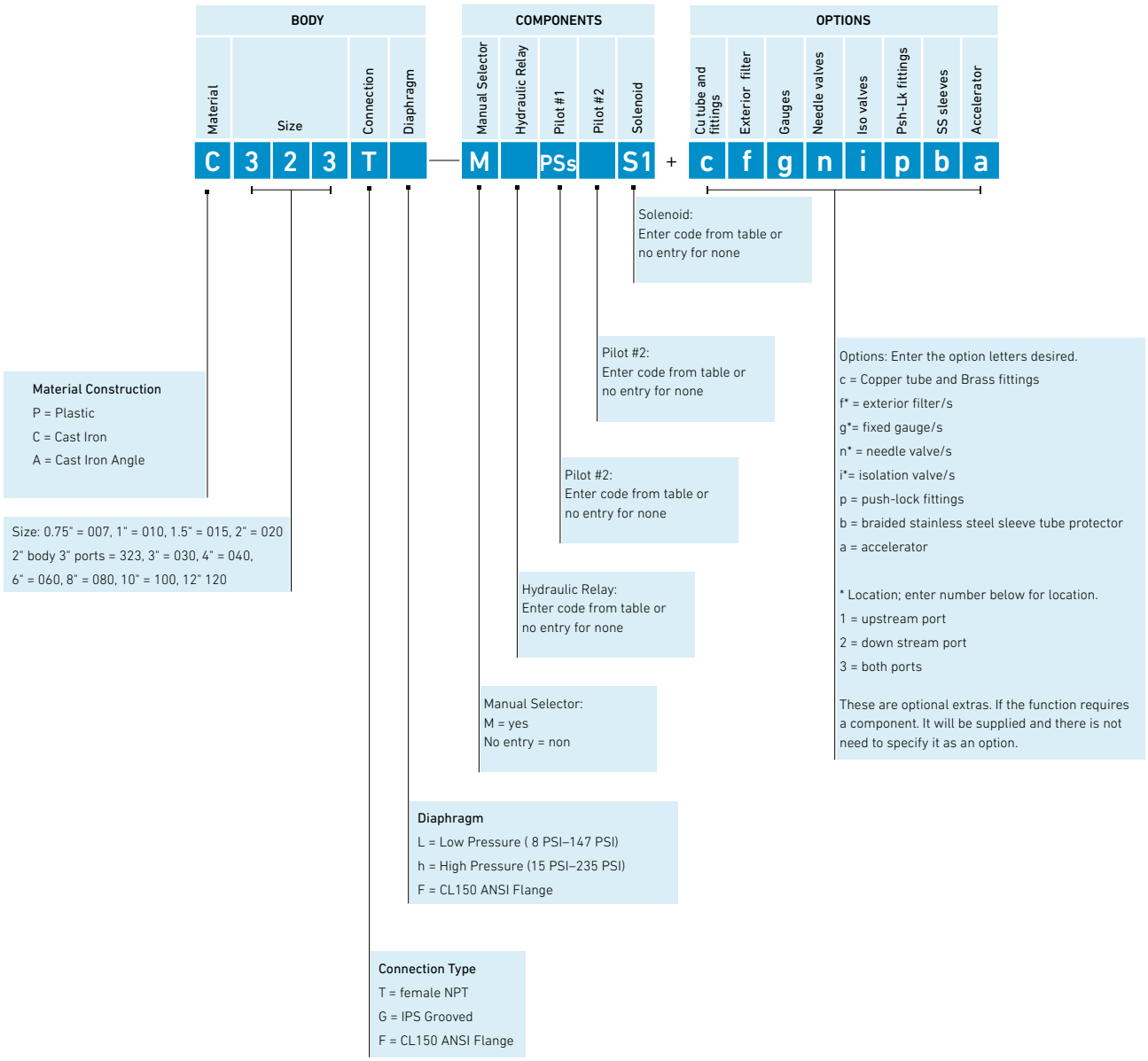
2019 Nursery Greehouse Catalog
www.schumacherirrigation.com
402-246-3685

Model Builder



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402-246-3685
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Schumacher IRRIGATION

Weight and Dimensions

Valve Body Weights and Dimensions						
Body Model	PN (L)	PN (h)	Wt (lbs)	Length (in)	Width (in)	Height (in)
P015T	14100009	x	2	7	5	4
P020T	14100010	x	2	8	5	4
P030T	14100025	x	3	9	6	6
P040T	14100027	x	10	13	10	8
P030G	14100026	x	3	9	6	6
P040G	14100200	x	10	12	10	8
P040F	14100033	x	17	20	10	9
C010T	14101008	14101021	3	6	4	3
C015T	14101009	14101023	4	6	4	3
C020T	14101000	14100120	8	7	5	4
C323T	14101010	pending	11	9	5	5
C030T	pending	14101020	24	11	8	5
C040T	pending	14101030	36	14	9	9
C020G	14101101	11401103	7	7	5	4
C323G	14101102	14101056	11	9	5	5
C030G	pending	14101110	24	11	8	5
C040G	pending	14101120	40	14	9	9
C060G	pending	14101122	73	16	12	9
C020F	14101055	14101056	17	7	6	6
C323F	14101047	14101048	24	9	8	7
C030F	14101040	14101025	39	11	8	8
C040F	pending	14101050	57	12	9	9
C060F	pending	14101060	101	16	12	12
C080F	pending	14101070	149	19	14	15
C100F	pending	14101080	244	25	18	17
C120F	pending	14101092	332	29	19	19
A020T	14101090	14101006	9	4	5	6
A323T	14101017	14101016	11	4	5	6
A030T	14101027	14101026	26	6	8	8
A040T	14101091	14101093	35	6	9	9
A020G	pending	14101106	9	4	5	6
A323G	14101101	14101116	10	4	5	6
A030G	14101107	14101117	24	6	8	8
A040G	14101108	14101118	34	6	9	9
A060G	14101109	14101119	70	8	12	12
A020F	pending	pending	18	4	6	0
A323F	pending	pending	26	6	8	0
A030F	14101057	14101041	42	6	8	1
A040F	14101058	14101051	58	7	9	1
A060F	14101069	pending	107	9	12	2
A080F	14101071	pending	138	9	14	2



Component Selection Tables

Hydraulic Relay Selection Table

Spring Color	Allowable Elevation Change	Valve regulating with control pressure & valve closed when not regulating	Valve regulating with control pressure & valve open when not regulating	Valve regulating without control pressure & valve closed when not regulating	Valve regulating without control pressure & valve open when not regulating
none	0–16ft	Hc1	Ho1	Hc2	Ho2
Yellow	16–32ft	yc1	yo1	yc2	yo2
Green	32–45ft	gc1	go1	gc2	go2
White	45–55ft	wc1	wo1	wc2	wo2
Red	55–72ft	rc1	r01	rc2	r02



use NO relay for a NC valve; use NC relay for a NO valve; NO = Normally Open; NC = Normally Closed
Normal condition is when there is no pressure at port 1 from control system

	3-Way Pilots			
	Pressure Regulating		Pressure Sustaining	
Valve	Reg Range		Reg Range	
Size	8–18 PSI	18–100 PSI	8–18 PSI	18–100 PSI
6" ↓	PRb	PRs*	PSb	PSs**
	8–80 PSI	80–230 PSI	8–80 PSI	80–230 PSI
8" ↑	3Rr	3Ry	3Sr	3Sy

* = if >100psi use 3Ry ** = if > 100psi use 3Sy

	Brass 2-Way Pilots			
	Pressure Reducing		Pressure Sustaining	
Valve	Reg Range		Reg Range	
Size	8–60 PSI	60–175 PSI	8–60 PSI	60–140 PSI
6" ↓	62r	62g*	82r	82y**
	8–60 PSI	60–230 PSI	8–60 PSI	60–230 PSI
8" ↑	61r	61y	81r	81y

* = if > 175psi use 61Y ** = if >140 psi use 81Y



ΔPmax = 50% if Pu > 150psi
ΔPmax = 70% if 150psi > Pu > 100psi
ΔPmax = 80% if Pu < 100psi

SOLENOIDS				
3-Way	N.O.		N.C.	
Add H for higher psi i.e. L2H	Valve Size		Valve Size	
	1"-4" 1.4mm	6"-12" 2.4mm	1"-4" 1.4mm	6"-12" 2.4mm
24VAC	S1	L1	S2	L2
110VAC	S3	L3	S4	L4
12VDC	S5	L5	S6	L6
Max psi	117	117	87	147
H Max psi	220	147	220	YTBD

SOLENOIDS				
2-Way	N.O.		N.C.	
Add H for higher psi i.e. M2H	Valve Size		Valve Size	
	1"-4" 1.4mm	6"-12" 2.4mm	1"-4" 1.4mm	6"-12" 2.4mm
24VAC	S7	L7	S8	L8
110VAC	S9	L9	S10	L10
12VDC	S11	L11	S12	L12
Max psi	220	220	175	220



C[μF]	V	Ω	Latching Solenoids			
			N.O.		N.C.	
			Valve Size		Valve Size	
			1"-2" 1.6mm	8"-12" 2.4mm	1"-2" 1.6mm	8"-12" 2.4mm
6800	4	2		LL1		LL2
6800	6	4	SL3		SL4	
4700	8.5	5		LL5		LL6
4700	12	9	SL7		SL8	
4700	16	12	SL9		SL10	
4700	18	13		LL11		LL12
4700	20	20		LL13		LL14
3300	24	23	SL15		SL16	
3300	26	53		LL17		LL18
	Max psi		115	145	90	145

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Components

Pilots, Hydraulic Relays and 3 way manual selector valves

Model #	Part #	Manual Selectors, Relays and Pilots	Unit Weight (oz)	Length (in)	Width (in)	Height (in)
Manual Selector Valves						
BK-3W-1/8	**34100383**	Vlv Ftg: Brs Vlv 3wy 1/4"mipt x (3) 1/8"fipt, 3.2mm	4.6	2	2	1.75
BK-3W-1/4	**34100384**	Vlv Ftg: Brs Vlv 3wy 1/4"mipt x (3) 1/4"fipt, 6mm	4.6	2	2	1.75
Hydraulic Relays and Accessories						
Ho	**34100282**	Vlv Rly: Plstc 1/8"fipt (no sprng)	3.5	3	2	2
Hy	**34100275**	Vlv Rly Acc: Sprng Ylw (16-32')	0.6	2	0.3	0.3
Hg	**34100276**	Vlv Rly Acc: Sprng Grn (32-45')	0.6	2	0.3	0.3
Hw	**34100277**	Vlv Rly Acc: Sprng Wht (45-55')	0.6	2	0.3	0.3
Hr	**34100278**	Vlv Rly Acc: Sprng Red (55-72')	0.6	2	0.3	0.3
Pilots 3way Plastic and Accessories						
PPo	**34100463**	Vlv Plt: Plstc 3wy Rdc or Sst 1/4"mipt & fipt (no sprng)	1.3	5	3.5	3.5
Pb	**34100267**	Vlv Plt Acc: Sprng Blu (8-22psi) for PPlt	1.6	2.8	1	1
Ps	**34100269**	Vlv Plt Acc: Sprng Slvr (15-100psi) for PPlt	1.6	2.8	1	1
PaT	**34100298**	Vlv Plt Acc: Mntg Tongue for PPo	0.3	2	0.4	0.1
Pilots 3way Brass and Accessories						
3Ro	**34100455**	Vlv Plt: Brs 3wy Rdc 1/4"fipt (no spring)	29.0	8	3	3
3So	**34100456**	Vlv Plt: Brs 3wy Sst 1/4"fipt (no spring)	29.0	8	3	3
Br	**34100292**	Vlv Plt Acc: Sprng Red (8-117psi) for Brs 3wy Plt, 2wy 62 & 82	1.7	3	1	1
Bg	34100291	Vlv Plt Acc: Sprng Grn (29-174psi) for Brs 3wy Plt, 2wy 62	1.7	3	1	1
By	**34100290**	Vlv Plt Acc: Sprng Ylw (16-235psi) for Brs 3wy Plt, 2wy 82	1.7	3	1	1
Pilots 2way Brass for Valves < 6" and Accessories						
62o	**34100452**	Vlv Plt: Brs 2wy Rdc 1/4"fipt (no spring) for Vlvs < 6"	29.0	9	4	4
82o	**34100454**	Vlv Plt: Brs 2wy Sst 1/4"fipt (no spring) for Vlvs < 6" & psi < 140	29.0	9	4	4
Br	**34100292**	Vlv Plt Acc: Sprng Red (8-117psi) for Brs 3wy Plt, 2wy 62 & 82	1.7	3	1	1
By	**34100290**	Vlv Plt Acc: Sprng Ylw (16-235psi) for Brs 3wy Plt, 2wy 62	1.7	3	1	1
Pilots 2way Brass for Valves > 4" and Accessories						
61r	**34100451**	Vlv Plt: Brs 2wy Rdc 1/4"fipt (no spring) for Vlvs > 4"	105.0	9	4	4
81o	**34100454**	Vlv Plt: Brs 2wy Sst 1/4"fipt (no spring) for Vlvs > 4"	64.0	9	4	4
B1r	**34100295**	Vlv Plt Acc: Sprng Red (8-88psi) for Brs 2wy 61 & 81 Plt	4.0	3	1	1
B1y	**34100293**	Vlv Plt Acc: Sprng Ylw (29-235psi) for Brs 2wy 61 & 81 Plt	4.0	3	1	1
Pilot Brass Parts						
44886	**34100297**	Vlv Plt Acc: Stl Mntg Brkt for Brs Plt	1.8	2	1	0.2
BRM2	**34100570**	Vlv Plt Acc: Stl Mntg Blt Pair for 2" CI	6.0	2	0.5	0.5
BRM3	**34100571**	Vlv Plt Acc: Stl Mntg Blt Pair for 3" CI	6.0	3	0.8	0.8
BRM4-8	**34100572**	Vlv Plt Acc: Stl Mntg Blt Pair for 4" CI	6.0	4	1	1
BRM10-12	**34100575**	Vlv Plt Acc: Stl Mntg Blt Pair for 10" CI	6.0	5	1	1



BK-3W



PP



3R, 3S



62



61



Ho

Model #	Part #	Standard Solenoides	Unit Wt. (oz)	Unit Cube (in^3)	Max psi	Nom. Resist. (ohm)	Nom. Volt.	Volt max	Volt min	In-Rush (A)	Holding (A)	watt
3-Way Normally Open												
S1	14105300	Vlv Slnd: 3wy NO 24VAC wo diode 1.2mm plstc 1/8"fipt Plstc Ovride 2 wire	3	6	117	24	24	26.4	19.2	0.14	0.12	3
L1	14105320	Vlv Slnd: 3wy NO 24VAC 2.4mm Brs 1/4"fipt Plstc Ovride Mld Cable	9	9	117	9.3	24	26.4	21.6	0.45	0.41	10
S3	14105301	Vlv Slnd: 3wy NO 110VAC wo diode 1.2mm plstc 1/8"fipt Plstc Ovride 2 wire	3	6	117	820	110	121	88	0.02	0.01	2
L3	14105321	Vlv Slnd: 3wy NO 110VAC 2.4mm Brs 1/4"fipt Plstc Ovride Mld Cable	9	9	117	228	110	121	99	0.1	0.09	10
S5	14105302	Vlv Slnd: 3wy NO 12VDC 1.2mm Plstc 1/8"fipt Plstc Ovride 2 wire	3	6	117	32	12	13.2	9.6	0.375	0.375	4.5
L5	14105322	Vlv Slnd: 3wy NO 12VDC 2.4mm Brs 1/4"fipt Plstc Ovride Mld Cable	9	9	117	25	12	13.2	10.8	0.73	0.66	8
Solenoids 3way Normally Closed												
S2	14105303	Vlv Slnd: 3wy NC 24VAC wo diode 1.2mm plstc 1/8"fipt Plstc Ovride 2 wire	3	6	87	24	24	26.4	19.2	0.14	0.12	3
L2	14105323	Vlv Slnd: 3wy NC 24VAC 2.4mm Brs 1/4"fipt Plstc Ovride Mld Cable	9	9	147	7.6	24	26.4	21.6	0.45	0.41	10
S4	14105304	Vlv Slnd: 3wy NC 110VAC wo diode 1.2mm plstc 1/8"fipt Plstc Ovride 2 wire	3	6	87	28	110	121	88	0.02	0.01	2
L4	14105324	Vlv Slnd: 3wy NC 110VAC 2.4mm Brs 1/4"fipt Plstc Ovride, Mld Cable	9	9	147	165	110	121	99	0.1	0.09	10
S6	14105305	Vlv Slnd: 3wy NC 12VDC 1.2mm plstc 1/8"fipt Plstc Ovride 2 wire	3	6	73	32	12	13.2	9.6	0.38	0.38	5
L6	14105325	Vlv Slnd: 3wy NC 12VDC 2.4mm Brs 1/4"fipt Plstc Ovride Mld Cable	9	9	147	14.5	12	13.2	10.8	0.73	0.66	8
Solenoids 2way Normally Open												
S7	14105200	Vlv Slnd: 2wy NO 24VAC 1.2mm plstc 1/8"fipt Plstc Ovride 2 wire	9	6	367	7.6	24	26.4	19.2	0.2	0.14	4.5
L7	14105220	Vlv Slnd: 2wy NO 24VAC 2.4mm Brs 1/4"fipt Plstc Ovride Mld Cable	9	9	220	7.6	24	26.4	19.2	0.45	0.41	10
S9	14105201	Vlv Slnd: 2wy NO 110VAC 1.2mm plstc 1/8"fipt Plstc Ovride 2 wire	9	6	367	165	110	121	88	0.02	0.02	2
L9	14105221	Vlv Slnd: 2wy NO 110VAC 2.4mm Brs 1/4"fipt Plstc Ovride, Mld Cable	9	9	220	165	110	121	88	0.1	0.09	10
S11	14105202	Vlv Slnd: 2wy NO 12VDC, 1.2mm plstc 1/8"fipt Plstc Ovride 2 wire	9	6	367	14.5	12	13.2	9.6	0.375	0.375	4.5
L11	14105222	Vlv Slnd: 2wy NO 12VDC 2.4mm Brs 1/4"fipt Plstc Ovride Mld Cable	9	9	220	14.5	12	13.2	9.6	0.73	0.66	8
Solenoids 2way Normally Closed												
S8	14105203	Vlv Slnd: 2wy NC 24VAC wo diode 1.2mm Plstc 1/8"fipt Plstc Ovride 2 wire	3	6	175	24	24	26.4	19.2	0.2	0.14	5
L8	14105223	Vlv Slnd: 2wy NC 24VAC 2.4mm Brs 1/4"fipt Plstc Ovride Mld Cable	9	9	220	7.6	24	26.4	21.6	0.45	0.41	10
S10	14105204	Vlv Slnd: 2wy NC 110VAC wo diode 1.2mm Plstc 1/8"fipt Plstc Ovride 2 wire	3	6	175	820	110	121	88	0.02	0.02	2
L10	14105224	Vlv Slnd: 2wy NC 110VAC 2.4mm Brs 1/4"fipt Plstc Ovride Mld Cable	9	9	220	1195	110	121	99	0.1	0.09	10
S12	14105205	Vlv Slnd: 2wy NC 12VDC 1.2mm plstc 1/8"fipt Plstc Ovride 2 wire	3	6	175	32	12	13.2	9.6	0.375	0.375	2
L12	14105225	Vlv Slnd: 2wy NC 12VDC 2.4mm Brs 1/4"fipt Plstc Ovride Mld cable	9	9	220	14.5	12	13.2	10.8	0.73	0.66	8
2way coils for EV valves												
EV1	14103058	Vlv Prt: Slnd Coil 2wy 24VAC NC wo diode for EV valve	3	3	176	36.5	24	26.4	19.2	0.09	0.08	2
EV2	14103057	Vlv Prt: Slnd Coil 2wy 110VAC NC for EV Valve	3	3	176	820	110	121	88	0.2	0.02	2
EV3	14103076	Vlv Prt: Slnd Coil 2wy 12VDC NC for EV Valve	3	3	176	32	12	13.2	9.6	0.8	0.375	4.5
EV4	14103059	Vlv Prt: Slnd Coil 2wy Ltch 9Ω for EV valve G	3	3	176	9.1						2
EV5	14103077	Vlv Prt: Slnd Coil 2wy Ltch 4Ω for EV valve B	3	3	176	4.1						2


S


L


EV

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Parts

Model #	Part #	Description	Unit Weight (oz)	Unit Cube (in^3)	Max Psi	Resistance (ohms)	Pulse (V)	Length (mS)
Solenoids 3way Latching Normally Open								
4S1	**14105331**	Vlv Slnd: 3wy NO Ltch 4Ω 1.2mm Plstc 1/8"fipt	3.3	6	117	4.1	6	30-50
9S1	**14103055**	Vlv Slnd: 3wy NO Ltch 9Ω 1.2mm Plstc 1/8"fipt	3.3	6	117	9.1	8	30-50
12S1	**14105334**	Vlv Slnd: 3wy NO Ltch 12Ω 1.2mm Plstc 1/8"fipt	3.3	6	117	12	9	30-50
23S1	**14105336**	Vlv Slnd: 3wy NO Ltch 23Ω 1.2mm Plstc 1/8"fipt	3.3	6	117	23	12	30-50
2L1	**14105350**	Vlv Slnd: 3wy NO Ltch 2Ω 2.4mm Brs 1/4"fipt	9.3	9	147	2	6	30-50
5L1	**14105352**	Vlv Slnd: 3wy NO Ltch 5Ω 2.4mm Brs 1/4"fipt	9.3	9	147	5	9	30-50
13L1	**14105354**	Vlv Slnd: 3wy NO Ltch 13Ω 2.4mm Brs 1/4"fipt	9.3	9	147	13	12	30-50
20L1	**14105356**	Vlv Slnd: 3wy NO Ltch 20Ω 2.4mm Brs 1/4"fipt	9.3	9	147	20	18	30-50
53L1	**14105358**	Vlv Slnd: 3wy NO Ltch 53Ω 2.4mm Brs 1/4"fipt	9.3	9	147	53	24	30-50
Solenoids 3way Latching Normally Closed								
4S2	**14105332**	Vlv Slnd: 3wy NC Ltch 4Ω 1.2mm Plstc 1/8"fipt	3.3	6	88	4.1	6	30-50
9S2	**14105333**	Vlv Slnd: 3wy NC Ltch 9Ω 1.2mm Plstc 1/8"fipt	3.3	6	88	9.1	6	30-50
12S2	**14105335**	Vlv Slnd: 3wy NC Ltch 12Ω 1.2mm Plstc 1/8"fipt	3.3	6	88	12	9	30-50
23S2	**14105337**	Vlv Slnd: 3wy NC Ltch 23Ω 1.2mm Plstc 1/8"fipt	3.3	6	88	23	12	30-50
2L2	**14105351**	Vlv Slnd: 3wy NC Ltch 2Ω 2.4mm Brs 1/4"fipt	9.3	9	147	2	6	30-50
5L2	**14105353**	Vlv Slnd: 3wy NC Ltch 5Ω 2.4mm Brs 1/4"fipt	9.3	9	147	5	9	30-50
13L2	**14105355**	Vlv Slnd: 3wy NC Ltch 13Ω 2.4mm Brs 1/4"fipt	9.3	9	147	13	12	30-50
20L2	**14105357**	Vlv Slnd: 3wy NC Ltch 20Ω 2.4mm Brs 1/4"fipt	9.3	9	147	20	18	30-50
53L2	**14105359**	Vlv Slnd: 3wy NC Ltch 53Ω 2.4mm Brs 1/4"fipt	9.3	9	147	53	24	30-50
Solenoids 2way Latching Normally Open								
2S3	**14105360**	Vlv Slnd: 2wy NO Ltch 4Ω 1.2mm Brs 1/8"fipt	9.3	6	235	2	6	30-50
9S3	**14105362**	Vlv Slnd: 2wy NO Ltch 9Ω 1.2mm Brs 1/8"fipt	9.3	6	235	5	9	30-50
12S3	**14105364**	Vlv Slnd: 2wy NO Ltch 12Ω 1.2mm Brs 1/8"fipt	9.3	6	235	12	12	30-50
23S3	**14105366**	Vlv Slnd: 2wy NO Ltch 23Ω 1.2mm Brs 1/8"fipt	9.3	6	235	23	18	30-50
53S3	**14105368**	Vlv Slnd: 2wy NO Ltch 53Ω 1.2mm Brs 1/8"fipt	9.3	6	235	53	24	30-50
2L3	**14105380**	Vlv Slnd: 2wy NO Ltch 2Ω 2.4mm Brs 1/4"fipt	9.3	9	220	2	6	30-50
5L3	**14105382**	Vlv Slnd: 2wy NO Ltch 5Ω 2.4mm Brs 1/4"fipt	9.3	9	220	5	9	30-50
13L3	**14105384**	Vlv Slnd: 2wy NO Ltch 13Ω 2.4mm Brs 1/4"fipt	9.3	9	220	13	12	30-50
20L3	**14105386**	Vlv Slnd: 2wy NO Ltch 20Ω 2.4mm Brs 1/4"fipt	9.3	9	220	20	18	30-50
53L3	**14105388**	Vlv Slnd: 2wy NO Ltch 53Ω 2.4mm Brs 1/4"fipt	9.3	9	220	53	24	30-50
Solenoids 2way Latching Normally Closed								
4S4	**14105361**	Vlv Slnd: 2wy NC Ltch 4Ω 1.2mm Plstc 1/8"fipt	3.3	6	176	4.1	6	30-50
9S4	**14105363**	Vlv Slnd: 2wy NC Ltch 9Ω 1.2mm Plstc 1/8"fipt	3.3	6	176	9.1	7.5	30-50
12S4	**14105365**	Vlv Slnd: 2wy NC Ltch 12Ω 1.2mm Plstc 1/8"fipt	3.3	6	176	12	9	30-50
23S4	**14105367**	Vlv Slnd: 2wy NC Ltch 23Ω 1.2mm Plstc 1/8"fipt	3.3	6	176	23	12	30-50
2L4	**14105381**	Vlv Slnd: 2wy NC Ltch 2Ω 2.4mm Brs 1/4"fipt	9.3	9	235	2	6	30-50
5L4	**14105383**	Vlv Slnd: 2wy NC Ltch 5Ω 2.4mm Brs 1/4"fipt	9.3	9	235	5	9	30-50
13L4	**14105385**	Vlv Slnd: 2wy NC Ltch 13Ω 2.4mm Brs 1/4"fipt	9.3	9	235	13	12	30-50
20L4	**14105387**	Vlv Slnd: 2wy NC Ltch 20Ω 2.4mm Brs 1/4"fipt	9.3	9	235	20	18	30-50
53L4	**14105389**	Vlv Slnd: 2wy NC Ltch 53Ω 2.4mm Brs 1/4"fipt	9.3	9	235	53	24	30-50


9S1


5L3

Model #	Part #	Fittings	Unit Weight (oz)	Unit Cube (in^3)
Finger Filters				
FI-P-1/8-1/4	**34100380**	Vlv Ftg: Plstc Scrn 1/8"fipt x 1/4"mipt	0.3	1.6
FI-B-1/4-1/4	**34100381**	Vlv Ftg: Brs Scrn 1/4"fipt x 1/4"mipt	1.9	2.0
FI-B-1/4-1/2	**34100382**	Vlv Ftg: Brs Scrn 1/4"fipt x 1/2"mipt	2.4	2.9
Specialty Valves				
BK-1/4NP	**34100388**	Vlv Ftg: Brs Ball Valve 1/4" fipt x mipt	2.9	3.0
BK-1/2NP	**34100389**	Vlv Ftg: Brs Ball Valve 1/2" fipt x mipt	4.2	4.1
BM -1/4-33	**34100387**	Vlv Ftg: Brs Needle Valve 1/4" fipt	3.3	2.6
APS18	**12070014**	Vlv Ftg: Brs vlv Schrdr1/4" mipt	0.5	0.6
T-BORDER-PL	**34100385**	Vlv Ftg: Plstc T Chk (Shtl) 1/8" mipt x 8mmC	0.5	3.6
T-Border-1/4	**34100386**	Vlv Ftg: Brs T Chk (Shtl) 1/4" fipt	3.3	1.6


FI-P-1/8-1/4


FI-B-1/4-1/4


FI-B-1/4-1/2


BK-1/2NP


BM -1/4-33

Model #	Part #	Fittings	Unit Weight (oz)	Unit Cube (in³)
Metal Threadded Fittings				
VFN18M	34100050	Vlv Ftg: Brs Nip TBE 1/8" mipt	0.3	0.3
VFN14M	34100052	Vlv Ftg: Brs Nip TBE 1/4" mipt	0.6	0.7
VFRN1418M	34100056	Vlv Ftg: Brs Nip Rdc TBE 1/4" x 1/8"	0.5	0.6
VFR1214M	34100076	Vlv Ftg: Brs RB 1/2" mipt x 1/4"fipt	1.6	1.0
VFTFFM18M	34100092	Vlv Ftg: Brs T Run 1/8"	1.9	1.2
VFTFFM14M	34100096	Vlv Ftg: Brs T Run 1/4"	2.3	1.3
VFP14M	34100112	Vlv Ftg: Brs PLG 1/4" mipt	0.4	0.3
BP1/2	34100114	Vlv Ftg: Brs PLG 1/2" mipt	1.6	1.0
8mmC Plastic Tubing Fittings				
IRMAE8x1/8	34100500	Vlv Ftg: Plstc EL 1/8" mipt x 8mmC	0.1	497.7
IRMAE8x1/4	34100501	Vlv Ftg: Plstc EL 1/4" mipt x 8mmC	0.1	1194.4
IRMA8x1/8	34100502	Vlv Ftg: Plstc MA 1/8" mipt x 8mmC	0.1	1105.9
IRMA8x1/4	34100503	Vlv Ftg: Plstc MA 1/4" mipt x 8mmC	0.1	1728.0
Blu PLt Ftg	34100545	Vlv Ftg: Plstc FA metric x 8mmC	0.1	2090.2
IRMBT8x1/8	34100505	Vlv Ftg: Plstc T Brnch 1/8" mipt x 8mmC	0.2	0.0
IRMBT8x1/4	34100506	Viv Ftg: Plstc T Brnch 1/4" mipt x 8mmC	0.3	2262.0
IRUT8x8x8	34100507	Viv Ftg: Plstc T Un 8mmC	0.3	0.0
IRMRT8x1/8	34100508	Vlv Ftg: Plstc T Rn 1/8" mipt x 8mmC	0.2	0.0
IRMRT8x1/4	34100509	Vlv Ftg: Plstc T RN 1/4" mipt x 8mmC	0.3	508.0
IRHP1/4	34100511	Vlv Ftg: Plstc plug 1/4" mipt	0.1	1791.6
3/8" Plastic Tubing Fittings				
PMAE3/8x1/8	34100517	Vlv Ftg: Plstc EL 1/8" mipt x 3/8"C (metal)	0.4	3.2
PMAE3/8x1/4	34100523	Vlv Ftg: Plstc EL 1/4" mipt x 3/8"C	0.4	3.3
PMA3/8x1/4	34100521	Vlv Ftg: Plstc MA 1/4" mipt x 3/8"C	0.3	2.1
PFA3/8x1/4	34100522	Vlv Ftg: Plstc FA 1/4" fipt x 3/8"C	0.3	2.1
PMBT3/8x1/8	34100516	Vlv Ftg: Plstc T Brnch 1/8" mipt x 3/8"C	0.8	6.0
PMBT3/8x1/4	34100524	Vlv Ftg: Plstc T Brnch 1/4" mipt x 3/8"C	1.0	6.9
PUCT3/8x3/8	34100526	Vlv Ftg: Plstc T Un 3/8"C	1.0	6.9
3/8" Brass Tubing Fittings				
CTTEL818M	34100130	Vlv Ftg: Brs EL 1/8" mipt x 3/8"C	4.0	3.5
CTTEL814M	34100132	Vlv Ftg: Brs EL 1/4" mipt x 3/8"C	4.0	3.5
CTTMA818M	34100120	Vlv Ftg: Brs MA 1/8" mipt x 3/8"C	4.0	3.5
CTTMA814M	34100124	Vlv Ftg: Brs MA 1/4" mipt x 3/8"C	4.0	3.5
CTFA818M	34100122	Vlv Ftg: Brs FA 1/8" mipt x 3/8"C	4.0	3.5
CTFA814M	34100126	Vlv Ftg: Brs FA 1/4" mipt x 3/8"C	4.0	3.5
CTBT818M	34100140	Vlv Ftg: Brs T Brnch 1/8" mipt x 3/8"C	4.0	3.5
CTBT814M	34100142	Vlv Ftg: Brs T Brnch 1/4" mipt x 3/8"C	4.0	3.5
Push Lock Fittings				
HTTE818P	34100182	Vlv Ftg: PshLk EL 1/8" mipt x 8mmC	4.0	3.5
HTTE814P	34100186	Vlv Ftg: PshLK EL 1/4" mipt 8mmC	4.0	3.5
HTTE318P	34100181	Vlv Ftg: PshLk EL 1/8" mipt x 3/8"C	4.0	3.5
HTTE314P	34100185	Vlv Ftg: PshLk EL 1/4" mipt x 3/8"C	4.0	3.5
HTTMA818P	34100172	Vlv Ftg: PshLk MA 1/8"mipt x 8mmC	4.0	3.5
HTTMA814P	34100176	Vlv Ftg: PshLk MA 1/4"mipt x 8mmC	4.0	3.5
HTTE318P	34100187	Vlv Ftg: PshLk MA 1/8"mipt x 3/8"C	4.0	3.5
HTTE314P	34100188	Vlv Ftg: PshLk MA 1/4"mipt x 3/8"C	4.0	3.5
HTBT818P	34100192	Vlv Ftg: PshLk T Brnch 1/8"mipt x 8mmC	4.0	3.5
HTBT814P	34100196	Vlv Ftg: PshLk T Brnch 1/4" mipt x 8mmC	4.0	3.5
HTBT318P	34100191	Vlv Ftg: PshLk T Brnch 1/8" mipt x 3/8"C	4.0	3.5
HTBT314P	34100195	Vlv Ftg: PshLk T Brnch 1/4" mipt x 3/8"C	4.0	3.5
Tubing				
315x208-1000PE	11190737	Vlv Ftg: PE Tube 315x208 (8mm) per ft	2.0	1.2
375x250-750PE	11190624	Vlv Ftg: PE Tube 375x250 (3/8") per ft	2.0	1.6
375x277-10CU	34100160	Vlv Ftg: CU Tube 375 x 277 (3/8" O.D.) per ft'	8.0	1.6


VFRN1418M


IRMAE8x1/4


IRMA8x1/4


IRMBT8x1/4


PMA3/8x1/4


PMBT3/8x1/4


CTTEL818M


HTTMA314P


HTBT314P


315X208-1000PE

Diaphragms

Model #	Part #	Diaphragms and Tools	Unit Weight (oz)	Length (in)	Width (in)	Height (in)
Diaphragms For Plastic Globe Style Bodies (NDJ EV VALVES)						
DV075-010	**14103067**	Vlv Bdy Prt: Diaphragm for 3/4"-1" Vlv Bodies	0.7	3.0	3.0	0.6
DV015-020	**14103068**	Vlv Bdy Prt: Diaphragm for 1.5"-2" Vlv Bodies	1.1	5.0	4.0	0.8
Diaphragms For Plastic High Flow Inline Vlv Bodies						
DP015-0	**34100370**	Vlv Bdy Prt: Diaphragm for 1-1/2" - 2" Plstc Vlv Bodies	3.1	4.8	4.8	1.2
DP030	**34100371**	Vlv Bdy Prt: Diaphragm for 3" Plstc Vlv Bodies	8.1	5.9	5.9	1.5
DP040	**34100372**	Vlv Bdy Prt: Diaphragm for 4" Plstc Vlv Bodies	25.1	9.9	9.9	1.6
Lowe Pressure Diaphragms For Castiron High Flow Vlv Bodies						
DCL010-015	**34100359**	Vlv Bdy Prt: Diaphragm LP for 1-1.5" CI Vlv Bodies	1.8	3.8	3.8	0.7
DCL020	**34100363**	Vlv Bdy Prt: Diaphragm LP for 2" CI Vlv Bodies	3.9	4.8	4.8	1.0
DCL030	**34100375**	Vlv Bdy Prt: Diaphragm LP for 3" CI Vlv Bodies	16.5	7.9	7.9	1.4
DCL040	**34100376**	Vlv Bdy Prt: Diaphragm LP for 4" CI Vlv Bodies	26.6	9.2	9.2	1.6
DCL060+	**34100377**	Vlv Bdy Prt: Diaphragm LP for 6" CI Vlv Bodies	50	11.6	11.6	1.8
DCL080+	**34100378**	Vlv Bdy Prt: Diaphragm LP for 8" CI Vlv Bodies	109.6	13.9	13.9	2.4
DCL100-120+	**34100379**	Vlv Bdy Prt: Diaphragm LP for 10-12" CI Vlv Bodies	190	20.9	20.9	3.0
High Pressure Diaphragms For Castiron High Flow Vlv Bodies						
DCH010-015	**34100360**	Vlv Bdy Prt: Diaphragm HP for 1-1.5" CI Vlv Bodies	1.8	3.8	3.8	0.7
DCH020	**34100361**	Vlv Bdy Prt: Diaphragm HP for 2" CI Vlv Bodies	3.9	4.8	4.8	1.0
DCH030	**34100364**	Vlv Bdy Prt: Diaphragm HP for 3" CI Vlv Bodies	16.5	7.9	7.9	1.4
DCH040	**34100365**	Vlv Bdy Prt: Diaphragm HP for 4" CI Vlv Bodies	26.6	9.2	9.2	1.6
DCH060+	**34100366**	Vlv Bdy Prt: Diaphragm HP for 6" CI Vlv Bodies	50	11.6	11.6	1.8
DCH080+	**34100367**	Vlv Bdy Prt: Diaphragm HP for 8" CI Vlv Bodies	109.6	13.9	13.9	14.0
DCH100-120+	**34100368**	Vlv Bdy Prt: Diaphragm HP for 10-12" CI Vlv Bodies	190	20.9	20.9	3.0
Valve Accessories						
PHG015	**12070506**	Vlv Acc: Tool Pressure Hose Gauge Asmbly 15 PSI	15	8.0	5.0	1.0
PHG030	**12070505**	Vlv Acc: Tool Pressure Hose Gauge Asmbly 30 PSI	15	8.0	5.0	1.0
PHG060	**12070500**	Vlv Acc: Tool Pressure Hose Gauge Asmbly 60 PSI	15	8.0	5.0	1.0
PHG160	**12070501**	Vlv Acc: Tool Pressure Hose Gauge Asmbly 160 PSI	15	8.0	5.0	1.0
PHG300	**12070502**	Vlv Acc: Tool Pressure Hose Gauge Asmbly 300 PSI	15	8.0	5.0	1.0
LFG-15	**12070325**	Vlv Acc: Tool Gauge 15 PSI 1/4"mipt 2.5"face LF	7.8	3.0	2.5	1.0
LFG-30	**12070326**	Vlv Acc: Tool Gauge 30 PSI 1/4"mipt 2.5"face LF	7.8	3.0	2.5	1.0
LFG-60	**12070328**	Vlv Acc: Tool Gauge 60 PSI 1/4"mipt 2.5"face LF	7.8	3.0	2.5	1.0
LFG-160	**12070330**	Vlv Acc: Tool Gauge 160 PSI 1/4"mipt 2.5"face LF	7.8	3.0	2.5	1.0
LFG-300	**12070333**	Vlv Acc: Tool Gauge 300 PSI 1/4"mipt 2.5"face LF	7.8	3.0	2.5	1.0
ACG	**12070006**	Vlv Acc: Tool Schrader Chuck 1/4'fipt	1.8	1.0	2.0	1.0
PH	**12090070**	Vlv Acc: Tool Hse 1/4"x24"	5.1	12.0	0.5	0.5


DCH060+


DCH020


DV015--020


DP040


LFG-100


PHG-160

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EV Low Flow Commercial Globe Valves

Model #	Part #	EV Plastic Globe Valves (2wy NC)	Unit Weight (oz)	Length (in)	Width (in)	Height (in)
EV-075-FC	14103021	Vlv Plstc NC 3/4"fipt w FC & 24VDC Coil	0.75	4.3	3.2	4.2
EV-010-FC	14103012	Vlv Plstc NC 1"fipt w FC & 24VDC Coil	0.75	4.3	3.2	4.2
EV-015-FC	14103017	Vlv Plstc NC 1.5"fipt w FC & 24VDC Coil	0.75	4.3	3.2	4.2
EV-020-FC	14103019	Vlv Plstc NC 2"fipt w FC & 24VDC Coil	0.75	4.3	3.2	4.2
EV-075-2	14103010	Vlv Plstc NC 3/4"fipth w FC & 110VAC Coil	0.75	4.3	3.2	5
EV-010-2	14103013	Vlv Plstc NC 1"fipt w FC & 110VAC Coil	0.75	4.3	3.2	5
EV-015-2	14103018	Vlv Plstc NC 1.5"fipt w FC & 110VAC Coil	0.75	4.3	3.2	5
EV-020-2	14103020	Vlv Plstc NC 2"fipt w FC & 110VAC Coil	0.75	4.3	3.2	5
EV-075-3	14103005	Vlv Plstc NC 3/4"fipt w FC & 12VDC Coil	1.65	6.3	5	7.1
EV-010-3	14103006	Vlv Plstc NC 1"fipt w FC & 12VDC Coil	1.65	6.3	5	7.1
EV-015-3	14103007	Vlv Plstc NC 1.5"fipt w FC & 12VDC Coil	1.65	6.3	5	7.1
EV-020-3	14103008	Vlv Plstc NC 2"fipt w FC & 12VDC Coil	1.65	6.3	5	7.1
EV-075-4	14103011	Vlv Plstc NC 3/4"fipt w FC & 9ohm Coil	1.75	6.7	5	7.5
EV-010-4	14103014	Vlv Plstc NC 1"fipt w FC & 9ohm Coil	1.75	6.7	5	7.5
EV015-4	14103015	Vlv Plstc NC 1.5"fipt w FC & 9ohm Coil	1.75	6.7	5	7.5
EV-020-4	14103022	Vlv Plstc NC 2"fipt w FC & 9ohm Coil	1.75	6.7	5	7.5
EV-075-9	14103031	Vlv Plstc NC 3/4"fipt w FC & 9ohm Coil	1.75	6.7	5	7.5
EV-010-9	14103034	Vlv Plstc NC 1"fipt w FC & 9ohm Coil	1.75	6.7	5	7.5
EV015-9	14103035	Vlv Plstc NC 1.5"fipt w FC & 9ohm Coil	1.75	6.7	5	7.5
EV-020-9	**14103032**	Vlv Plstc NC 2"fipt w FC & 9ohm Coil	1.75	6.7	5	7.5



Brass Gate and Ball Valves

Model #	Part #	Manual Brass Valves	Bag Qty.	Box Qty.	Stock Code
BGV-005	**12220246**	Vlv Brs Gate .5" fipt	10	100	MTO
BGV-007	**12220247**	Vlv Brs Gate .75" fipt	8	80	MTO
BGV-010	**12220248**	Vlv Brs Gate 1" fipt	6	60	MTO
BGV-012	**12220249**	Vlv Brs Gate 1.25" fipt	5	50	MTO
BGV-015	**12220250**	Vlv Brs Gate 1.5" fipt	2	43	MTO
BGV-20	**12220251**	Vlv Brs Gate 2" fipt	2	24	
BGV-025	**12220255**	Vlv Brs Gate 2.5" fipt	1	8	MTO
BGV-030	**12220261**	Vlv Brs Gate 3" fipt	1	6	
BGV-040	**12220271**	Vlv Brs Gate 4" fipt	1	4	
BBV-005	**12220302**	Vlv Brs Ball .5" fipt	12	120	MTO
BBV-007	**12220303**	Vlv Brs Ball .75" fipt	12	120	MTO
BBV-010	**12220304**	Vlv Brs Ball 1" fipt	6	60	MTO
BBV-012	**12220305**	Vlv Brs Ball 1.25" fipt	4	40	MTO
BBV-015	**12220306**	Vlv Brs Ball 1.5" fipt	2	30	MTO
BBV-020	**12220307**	Vlv Brs Ball 2" fipt	2	24	MTO
BBV-025	**12220308**	Vlv Brs Ball 2.5" fipt	2	8	MTO
BBV-030	**12220309**	Vlv Brs Ball 3" fipt	2	6	MTO
BBV-040	**12220310**	Vlv Brs Ball 4" fipt	2	4	MTO
BBV-005-FP	**12220201**	Vlv Brs Ball .5" fipt Full port	10	120	MTO
BBV-007-FP	**12220210**	Vlv Brs Ball .75" fipt Full port	10	100	MTO
BBV-010-FP	**12220220**	Vlv Brs Ball 1" fipt Full Port	6	60	MTO
BBV-012-FP	**12220230**	Vlv Brs Ball 1.25" fipt Full Port	6	40	MTO
BBV-015-FP	**12220240**	Vlv Brs Ball 1.5" fipt Full port	2	24	MTO
BBV-020-FP	**12220241**	Vlv Brs Ball 2" fipt Full Port	1	20	
BBV-025-FP	**12220242**	Vlv Brs Ball 2.5" fipt Full Port	1	8	MTO
BBV-030-FP	**12220243**	Vlv Brs Ball 3" fipt Full Port	1	6	MTO
BBV-040-FP	**12220244**	Vlv Brs Ball 4" fipt Full Port	1	4	MTO



BGV-020



BBV-007 FP

Leak Prevention and Anti-Siphon Devices

Model #	Part #	Flush Valves	Bag Qty	Box Qty
Flush Valves with tattle Tail				
FCH-L-FHT	**12060036**	3/4" FHT Low Pressure White Plunger	50	1200
FCH-H-FHT	**12060034**	3/4" FHT High Pressure Orange Plunger	50	1200
FCH-L-FIPT	**12060037**	3/4" FPT Low Pressure White Plunger	50	1200
FCH-H-FIPT	**12060035**	3/4" FPT Low Pressure White Plunger	50	1200
Lateral Flush Valves				
LFV-50NPT	**12060701**	Threaded 1/2" NPT Male laterAAL Flush Valve		180
LFV-16B	**12060716**	Barb 16mm Lateral Flush valve		180
LFV-17B	**12060717**	Barb 17mm Lateral Flush valve		180
LFV-20B	**12060720**	Barb 20mm Lateral Flush valve		180
LFV-17T	**12060727**	Tape 17mm Lateral flush valve		180
2" Flush valve				
FCH-2L	**12060010**	2" MPT x Low Pressure White Plunger		180
FCH-2H	**12060008**	2" MPT x High pressure Black Plunger		60



FCH-H-FHT



LFV-16B

Note: Available in BSP Thread.
Flush Valve Operating Information
FCH-L (Low): 0.6 GPM required to close; opens at < 1psi
FCH-H (High): 0.8 GPM required to close; opens at < 2psi
FCH-2L (Low): 16 GPM required to close; opens at < 1.5psi
FCH-2H (High): 30 GPM required to close; opens at < 7psi



FCH-2H

Model #	Part #	Leak Prevention Devices	Box Qty
Lateral LPD			
LLPD-16B	**11990616**	1/2" npt Thread x 16mm Barb	280
LLPD-17B	**11990617**	1/2" npt Thread x 17mm Barb	270
LLPD-20B	**11990610**	1/2" npt Thread x 18mm Barb	250
Spriinkler LPD			
ILPD-12B	**11990512**	LPD 1/2" FPT x 12mm Barb	230
ILPD-16M	**11990516**	LPD 1/2" FPT x 16mm Barb	230
ILPD-50NPT	**11990601**	LPD 1/2" Universal	270
LFV-20B	**11990602**	LPD 3/4" x 1/2" Universal	250
Anti-Siphon Devise			
PASV77H	**72501963**	3/4" FHT x 3/4" MHT	60



PASV77H



ILPD-50NPT



LLPD-16B



ILPD-12B

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11190624	375x250-750PE	D-11	$247.17
11190737	315x208-1000PE	D-11	$223.63
11990512	ILPD-12B	D-15	$8.15
11990516	ILPD-16M	D-15	$8.15
11990601	ILPD-50NPT	D-15	$8.15
11990602	LFV-20B	D-15	$8.15
11990610	LLPD-20B	D-15	$8.15
11990616	LLPD-16B	D-15	$8.15
11990617	LLPD-17B	D-15	$8.15
12060008	FCH-2H	D-15	$34.04
12060010	FCH-2L	D-15	$34.04
12060034	FCH-H-FHT	D-15	$1.39
12060035	FCH-H-FIPT	D-15	$1.39
12060036	FCH-L-FHT	D-15	$1.39
12060037	FCH-L-FIPT	D-15	$1.39
12060701	LFV-50NPT	D-15	$6.92
12060716	LFV-16B	D-15	$6.92
12060717	LFV-17B	D-15	$6.92
12060720	LFV-20B	D-15	$6.92
12060727	LFV-17T	D-15	$6.92
12070006	ACG	D-12	$16.46
12070014	APS18	D-10	$2.74
12070325	LFG-15	D-12	$19.90
12070326	LFG-30	D-12	$19.90
12070328	LFG-60	D-12	$19.90
12070330	LFG-160	D-12	$19.90
12070333	LFG-300	D-12	$19.90
12070500	PHG060	D-12	$81.11
12070501	PHG160	D-12	$81.11
12070502	PHG300	D-12	$81.11
12070505	PHG030	D-12	$81.11
12070506	PHG015	D-12	$81.11
12090070	PH	D-12	$34.07
12220201	BBV-005-FP	D-14	$11.90
12220210	BBV-007-FP	D-14	$26.75
12220220	BBV-010-FP	D-14	$33.01
12220230	BBV-012-FP	D-14	$50.25
12220240	BBV-015-FP	D-14	$67.66
12220241	BBV-020-FP	D-14	$93.18
12220242	BBV-025-FP	D-14	$218.93
12220243	BBV-030-FP	D-14	$314.26

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12220244	BBV-040-FP	D-14	$588.50
12220246	BGV-005	D-14	$16.11
12220247	BGV-007	D-14	$22.92
12220248	BGV-010	D-14	$29.62
12220249	BGV-012	D-14	$37.17
12220250	BGV-015	D-14	$59.48
12220251	BGV-020	D-14	$85.82
12220255	BGV-025	D-14	$143.60
12220261	BGV-030	D-14	$221.28
12220271	BGV-040	D-14	$362.52
12220302	BBV-005	D-14	$11.15
12220303	BBV-007	D-14	$16.11
12220304	BBV-010	D-14	$27.26
12220305	BBV-012	D-14	$37.17
12220306	BBV-015	D-14	$64.43
12220307	BBV-020	D-14	$86.73
12220308	BBV-025	D-14	$165.96
12220309	BBV-030	D-14	$256.59
12220310	BBV-040	D-14	$390.77
14103005	EV-075-3	D-13	$54.08
14103006	EV-010-3	D-13	$54.08
14103007	EV-015-3	D-13	$130.54
14103008	EV-020-3	D-13	$130.54
14103010	EV-075-2	D-13	$64.08
14103011	EV-075-4	D-13	$54.08
14103012	EV-010-FC	D-13	$54.08
14103013	EV-010-2	D-13	$64.08
14103014	EV-010-4	D-13	$54.08
14103015	EV015-4	D-13	$130.54
14103017	EV-015-FC	D-13	$130.54
14103018	EV-015-2	D-13	$140.54
14103019	EV-020-FC	D-13	$130.54
14103020	EV-020-2	D-13	$140.54
14103021	EV-075-FC	D-13	$54.08
14103022	EV-020-4	D-13	$130.54
14103031	EV-075-9	D-13	$54.08
14103032	EV-020-9	D-13	$130.54
14103034	EV-010-9	D-13	$54.08
14103035	EV015-9	D-13	$130.54
14103055	9S1	D-10	$71.33
14103057	EV2	D-09	$57.86

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14103058	EV1	D-09	$47.14
14103059	EV9	D-09	$37.41
14103067	DV075-010	D-12	$15.76
14103068	DV015-020	D-12	$15.76
14103076	EV3	D-09	$47.14
14103077	EV4	D-09	$47.41
14105200	S7	D-09	$69.93
14105201	S9	D-09	$69.93
14105202	S11	D-09	$69.93
14105203	S8	D-09	$69.93
14105204	S10	D-09	$69.93
14105205	S12	D-09	$69.93
14105220	L7	D-09	$143.59
14105221	L9	D-09	$143.59
14105222	L11	D-09	$143.59
14105223	L8	D-09	$143.59
14105224	L10	D-09	$143.59
14105225	L12	D-09	$143.59
14105300	S1	D-09	$69.93
14105301	S3	D-09	$69.93
14105302	S5	D-09	$69.93
14105303	S2	D-09	$69.93
14105304	S4	D-09	$69.93
14105305	S6	D-09	$69.93
14105320	L1	D-09	$143.59
14105321	L3	D-09	$143.59
14105322	L5	D-09	$143.59
14105323	L2	D-09	$143.59
14105324	L4	D-09	$143.59
14105325	L6	D-09	$143.59
14105331	4S1	D-10	$105.93
14105332	4S2	D-10	$105.93
14105333	9S2	D-10	$71.33
14105334	12S1	D-10	$77.47
14105335	12S2	D-10	$77.47
14105336	23S1	D-10	$105.93
14105337	23S2	D-10	$105.93
14105350	2L1	D-10	$173.10
14105351	2L2	D-10	$173.10
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14105357	20L2	D-10	$173.10
14105358	53L1	D-10	$173.10
14105359	53L2	D-10	$173.10
14105360	4S3	D-10	$73.83
14105361	4S4	D-10	$105.93
14105362	9S3	D-10	$71.33
14105363	9S4	D-10	$71.33
14105364	12S3	D-10	$77.47
14105365	12S4	D-10	$77.47
14105366	23S3	D-10	$77.47
14105367	23S4	D-10	$77.47
14105368	53S3	D-10	$77.47
14105380	2L3	D-10	$173.10
14105381	2L4	D-10	$173.10
14105382	5L3	D-10	$173.10
14105383	5L4	D-10	$173.10
14105384	13L3	D-10	$173.10
14105385	13L4	D-10	$173.10
14105386	20L3	D-10	$173.10
14105387	20L4	D-10	$173.10
14105388	53L3	D-10	$173.10
14105389	53L4	D-10	$173.10
34100050	VFN18M	D-11	$1.95
34100052	VFN14M	D-11	$10.72
34100056	VFRN1418M	D-11	$4.59
34100076	VFR1214M	D-11	$7.33
34100092	VFTFFM18M	D-11	$6.68
34100096	VFTFFM14M	D-11	$8.58
34100112	VFP14M	D-11	$2.69
34100114	BP1/2	D-11	$7.98
34100120	CTTMA818M	D-11	$5.89
34100122	CTFA818M	D-11	$6.53
34100124	CTTMA814M	D-11	$6.39
34100126	CTFA814M	D-11	$6.53
34100130	CTTEL818M	D-11	$7.03
34100132	CTTEL814M	D-11	$46.09
34100140	CTBT818M	D-11	$6.19
34100142	CTBT814M	D-11	$6.19

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Part #	Model #	Page	Price
34100160	375x277-10CU	D-11	$284.25
34100172	HTTMA818P	D-11	$9.23
34100176	HTTMA814P	D-11	$3.84
34100181	HTTE318P	D-11	$25.39
34100182	HTTE818P	D-11	$11.42
34100185	HTTE314P	D-11	$25.39
34100186	HTTE814P	D-11	$4.44
34100187	HTTE318P	D-11	$25.39
34100188	HTTE314P	D-11	$25.39
34100191	HTBT318P	D-11	$35.00
34100192	HTBT818P	D-11	$24.94
34100195	HTBT314P	D-11	$35.00
34100196	HTBT814P	D-11	$5.44
34100267	Pb	D-08	$27.39
34100269	Ps	D-08	$27.39
34100275	Hy	D-08	$6.67
34100276	Hg	D-08	$6.67
34100277	Hw	D-08	$6.67
34100278	Hr	D-08	$6.67
34100282	Ho	D-08	$99.77
34100290	By	D-08	$34.92
34100291	Bg	D-08	$34.92
34100292	Br	D-08	$34.92
34100293	B1y	D-08	$34.92
34100295	B1r	D-08	$34.92
34100297	44886	D-08	$24.94
34100298	PaT	D-08	$4.99
34100359	DCL010-015	D-12	$38.11
34100360	DCH010-015	D-12	$38.11
34100361	DCH020	D-12	$51.63
34100363	DCL020	D-12	$51.63
34100364	DCH030	D-12	$82.66
34100365	DCH040	D-12	$123.96
34100366	DCH060+	D-12	$431.59
34100367	DCH080+	D-12	$932.71
34100368	DCH100-120+	D-12	$1,305.45
34100370	DP015-0	D-12	$38.11
34100371	DP030	D-12	$82.59
34100372	DP040	D-12	$152.44
34100375	DCL030	D-12	$82.66
34100376	DCL040	D-12	$124.01
34100377	DCL060+	D-12	$431.59

Part #	Model #	Page	Price
34100378	DCL080+	D-12	$932.72
34100379	DCL100-120+	D-12	$1,305.45
34100380	FI-P-1/8-1/4	D-10	$14.97
34100381	FI-B-1/4-1/4	D-10	$29.93
34100382	FI-B-1/4-1/2	D-10	$49.88
34100383	BK-3W-1/8	D-08	$39.91
34100384	BK-3W-1/4	D-08	$39.91
34100385	T-BORDER-PL	D-10	$62.85
34100386	T-Border-1/4	D-10	$121.37
34100387	BM -1/4-33	D-10	$49.88
34100388	BK-1/4NP	D-10	$41.35
34100389	BK-1/2NP	D-10	$48.30
34100451	61o	D-08	$463.91
34100452	62o	D-08	$269.37
34100454	81o	D-08	$542.25
34100454	82o	D-08	$370.78
34100455	3Ro	D-08	$532.40
34100456	3So	D-08	$532.40
34100463	PPo	D-08	$87.34
34100500	IRMAE8x1/8	D-11	$1.45
34100501	IRMAE8x1/4	D-11	$1.45
34100502	IRMA8x1/8	D-11	$1.20
34100503	IRMA8x1/4	D-11	$1.20
34100505	IRMBT8x1/8	D-11	$1.80
34100506	IRMBT8x1/4	D-11	$1.80
34100507	IRUT8x8x8	D-11	$2.14
34100508	IRMRT8x1/8	D-11	$1.80
34100509	IRMRT8x1/4	D-11	$1.80
34100511	IRHP1/4	D-11	$0.50
34100516	PMBT3/8x1/8	D-11	$7.49
34100517	PMAE3/8x1/8	D-11	$8.18
34100521	PMA3/8x1/4	D-11	$8.18
34100522	PFA3/8x1/4	D-11	$17.96
34100523	PMAE3/8x1/4	D-11	$14.67
34100524	PMBT3/8x1/4	D-11	$19.75
34100526	PUCT3/8x3/8	D-11	$35.92
34100545	Blu PLt Ftg	D-11	$8.48
34100570	BRM2	D-08	$11.67
34100571	BRM3	D-08	$11.67
34100572	BRM4-8	D-08	$17.51
34100575	BRM10-12	D-08	$17.51
72501963	PASV77H	D-15	$3.85

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Page	Model #	Part #	Price
D-08	Pb	34100267	$27.39
D-08	Ps	34100269	$27.39
D-08	Hy	34100275	$6.67
D-08	Hg	34100276	$6.67
D-08	Hw	34100277	$6.67
D-08	Hr	34100278	$6.67
D-08	Ho	34100282	$99.77
D-08	By	34100290	$34.92
D-08	Bg	34100291	$34.92
D-08	Br	34100292	$34.92
D-08	B1y	34100293	$34.92
D-08	B1r	34100295	$34.92
D-08	44886	34100297	$24.94
D-08	PaT	34100298	$4.99
D-08	BK-3W-1/8	34100383	$39.91
D-08	BK-3W-1/4	34100384	$39.91
D-08	61o	34100451	$463.91
D-08	62o	34100452	$269.37
D-08	81o	34100454	$542.25
D-08	82o	34100454	$370.78
D-08	3Ro	34100455	$532.40
D-08	3So	34100456	$532.40
D-08	PPo	34100463	$87.34
D-08	BRM2	34100570	$11.67
D-08	BRM3	34100571	$11.67
D-08	BRM4-8	34100572	$17.51
D-08	BRM10-12	34100575	$17.51
D-09	EV2	14103057	$57.86
D-09	EV1	14103058	$47.14
D-09	EV9	14103059	$37.41
D-09	EV3	14103076	$47.14
D-09	EV4	14103077	$47.41
D-09	S7	14105200	$69.93
D-09	S9	14105201	$69.93
D-09	S11	14105202	$69.93
D-09	S8	14105203	$69.93
D-09	S10	14105204	$69.93
D-09	S12	14105205	$69.93
D-09	L7	14105220	$143.59
D-09	L9	14105221	$143.59
D-09	L11	14105222	$143.59

Page	Model #	Part #	Price
D-09	L8	14105223	$143.59
D-09	L10	14105224	$143.59
D-09	L12	14105225	$143.59
D-09	S1	14105300	$69.93
D-09	S3	14105301	$69.93
D-09	S5	14105302	$69.93
D-09	S2	14105303	$69.93
D-09	S4	14105304	$69.93
D-09	S6	14105305	$69.93
D-09	L1	14105320	$143.59
D-09	L3	14105321	$143.59
D-09	L5	14105322	$143.59
D-09	L2	14105323	$143.59
D-09	L4	14105324	$143.59
D-09	L6	14105325	$143.59
D-10	APS18	12070014	$2.74
D-10	9S1	14103055	$71.33
D-10	4S1	14105331	$105.93
D-10	4S2	14105332	$105.93
D-10	9S2	14105333	$71.33
D-10	12S1	14105334	$77.47
D-10	12S2	14105335	$77.47
D-10	23S1	14105336	$105.93
D-10	23S2	14105337	$105.93
D-10	2L1	14105350	$173.10
D-10	2L2	14105351	$173.10
D-10	5L1	14105352	$173.10
D-10	5L2	14105353	$173.10
D-10	13L1	14105354	$173.10
D-10	13L2	14105355	$173.10
D-10	20L1	14105356	$173.10
D-10	20L2	14105357	$173.10
D-10	53L1	14105358	$173.10
D-10	53L2	14105359	$173.10
D-10	4S3	14105360	$73.83
D-10	4S4	14105361	$105.93
D-10	9S3	14105362	$71.33
D-10	9S4	14105363	$71.33
D-10	12S3	14105364	$77.47
D-10	12S4	14105365	$77.47
D-10	23S3	14105366	$77.47

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Page	Model #	Part #	Price
D-10	23S4	14105367	$77.47
D-10	53S3	14105368	$77.47
D-10	2L3	14105380	$173.10
D-10	2L4	14105381	$173.10
D-10	5L3	14105382	$173.10
D-10	5L4	14105383	$173.10
D-10	13L3	14105384	$173.10
D-10	13L4	14105385	$173.10
D-10	20L3	14105386	$173.10
D-10	20L4	14105387	$173.10
D-10	53L3	14105388	$173.10
D-10	53L4	14105389	$173.10
D-10	FI-P-1/8-1/4	34100380	$14.97
D-10	FI-B-1/4-1/4	34100381	$29.93
D-10	FI-B-1/4-1/2	34100382	$49.88
D-10	T-BORDER-PL	34100385	$62.85
D-10	T-Border-1/4	34100386	$121.37
D-10	BM -1/4-33	34100387	$49.88
D-10	BK-1/4NP	34100388	$41.35
D-10	BK-1/2NP	34100389	$48.30
D-11	375x250-750PE	11190624	$247.17
D-11	315x208-1000PE	11190737	$223.63
D-11	VFN18M	34100050	$1.95
D-11	VFN14M	34100052	$10.72
D-11	VFRN1418M	34100056	$4.59
D-11	VFR1214M	34100076	$7.33
D-11	VFTFFM18M	34100092	$6.68
D-11	VFTFFM14M	34100096	$8.58
D-11	VFP14M	34100112	$2.69
D-11	BP1/2	34100114	$7.98
D-11	CTTMA818M	34100120	$5.89
D-11	CTFA818M	34100122	$6.53
D-11	CTTMA814M	34100124	$6.39
D-11	CTFA814M	34100126	$6.53
D-11	CTTEL818M	34100130	$7.03
D-11	CTTEL814M	34100132	$46.09
D-11	CTBT818M	34100140	$6.19
D-11	CTBT814M	34100142	$6.19
D-11	375x277-10CU	34100160	$284.25
D-11	HTTMA818P	34100172	$9.23
D-11	HTTMA814P	34100176	$3.84

Page	Model #	Part #	Price
D-11	HTTE318P	34100181	$25.39
D-11	HTTE818P	34100182	$11.42
D-11	HTTE314P	34100185	$25.39
D-11	HTTE814P	34100186	$4.44
D-11	HTTE318P	34100187	$25.39
D-11	HTTE314P	34100188	$25.39
D-11	HTBT318P	34100191	$35.00
D-11	HTBT818P	34100192	$24.94
D-11	HTBT314P	34100195	$35.00
D-11	HTBT814P	34100196	$5.44
D-11	IRMAE8x1/8	34100500	$1.45
D-11	IRMAE8x1/4	34100501	$1.45
D-11	IRMA8x1/8	34100502	$1.20
D-11	IRMA8x1/4	34100503	$1.20
D-11	IRMBT8x1/8	34100505	$1.80
D-11	IRMBT8x1/4	34100506	$1.80
D-11	IRUT8x8x8	34100507	$2.14
D-11	IRMRT8x1/8	34100508	$1.80
D-11	IRMRT8x1/4	34100509	$1.80
D-11	IRHP1/4	34100511	$0.50
D-11	PMBT3/8x1/8	34100516	$7.49
D-11	PMAE3/8x1/8	34100517	$8.18
D-11	PMA3/8x1/4	34100521	$8.18
D-11	PFA3/8x1/4	34100522	$17.96
D-11	PMAE3/8x1/4	34100523	$14.67
D-11	PMBT3/8x1/4	34100524	$19.75
D-11	PUCT3/8x3/8	34100526	$35.92
D-11	Blu PLt Ftg	34100545	$8.48
D-12	ACG	12070006	$16.46
D-12	LFG-15	12070325	$19.90
D-12	LFG-30	12070326	$19.90
D-12	LFG-60	12070328	$19.90
D-12	LFG-160	12070330	$19.90
D-12	LFG-300	12070333	$19.90
D-12	PHG060	12070500	$81.11
D-12	PHG160	12070501	$81.11
D-12	PHG300	12070502	$81.11
D-12	PHG030	12070505	$81.11
D-12	PHG015	12070506	$81.11
D-12	PH	12090070	$34.07
D-12	DV075-010	14103067	$15.76

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Page	Model #	Part #	Price
D-12	DV015-020	14103068	$15.76
D-12	DCL010-015	34100359	$38.11
D-12	DCH010-015	34100360	$38.11
D-12	DCH020	34100361	$51.63
D-12	DCL020	34100363	$51.63
D-12	DCH030	34100364	$82.66
D-12	DCH040	34100365	$123.96
D-12	DCH060+	34100366	$431.59
D-12	DCH080+	34100367	$932.71
D-12	DCH100-120+	34100368	$1,305.45
D-12	DP015-0	34100370	$38.11
D-12	DP030	34100371	$82.59
D-12	DP040	34100372	$152.44
D-12	DCL030	34100375	$82.66
D-12	DCL040	34100376	$124.01
D-12	DCL060+	34100377	$431.59
D-12	DCL080+	34100378	$932.72
D-12	DCL100-120+	34100379	$1,305.45
D-13	EV-075-3	14103005	$54.08
D-13	EV-010-3	14103006	$54.08
D-13	EV-015-3	14103007	$130.54
D-13	EV-020-3	14103008	$130.54
D-13	EV-075-2	14103010	$64.08
D-13	EV-075-4	14103011	$54.08
D-13	EV-010-FC	14103012	$54.08
D-13	EV-010-2	14103013	$64.08
D-13	EV-010-4	14103014	$54.08
D-13	EV015-4	14103015	$130.54
D-13	EV-015-FC	14103017	$130.54
D-13	EV-015-2	14103018	$140.54
D-13	EV-020-FC	14103019	$130.54
D-13	EV-020-2	14103020	$140.54
D-13	EV-075-FC	14103021	$54.08
D-13	EV-020-4	14103022	$130.54
D-13	EV-075-9	14103031	$54.08
D-13	EV-020-9	14103032	$130.54
D-13	EV-010-9	14103034	$54.08
D-13	EV015-9	14103035	$130.54
D-14	BBV-005-FP	12220201	$11.90
D-14	BBV-007-FP	12220210	$26.75
D-14	BBV-010-FP	12220220	$33.01
D-14	BBV-012-FP	12220230	$50.25

Page	Model #	Part #	Price
D-14	BBV-015-FP	12220240	$67.66
D-14	BBV-020-FP	12220241	$93.18
D-14	BBV-025-FP	12220242	$218.93
D-14	BBV-030-FP	12220243	$314.26
D-14	BBV-040-FP	12220244	$588.50
D-14	BGV-005	12220246	$16.11
D-14	BGV-007	12220247	$22.92
D-14	BGV-010	12220248	$29.62
D-14	BGV-012	12220249	$37.17
D-14	BGV-015	12220250	$59.48
D-14	BGV-020	12220251	$85.82
D-14	BGV-025	12220255	$143.60
D-14	BGV-030	12220261	$221.28
D-14	BGV-040	12220271	$362.52
D-14	BBV-005	12220302	$11.15
D-14	BBV-007	12220303	$16.11
D-14	BBV-010	12220304	$27.26
D-14	BBV-012	12220305	$37.17
D-14	BBV-015	12220306	$64.43
D-14	BBV-020	12220307	$86.73
D-14	BBV-025	12220308	$165.96
D-14	BBV-030	12220309	$256.59
D-14	BBV-040	12220310	$390.77
D-15	FCH-L-FHT	12060036	$1.39
D-15	FCH-H-FHT	12060034	$1.39
D-15	FCH-L-FIPT	12060037	$1.39
D-15	FCH-H-FIPT	12060035	$1.39
D-15	LFV-50NPT	12060701	$6.92
D-15	LFV-16B	12060716	$6.92
D-15	LFV-17B	12060717	$6.92
D-15	LFV-20B	12060720	$6.92
D-15	LFV-17T	12060727	$6.92
D-15	FCH-2L	12060010	$34.04
D-15	FCH-2H	12060008	$34.04
D-15	LLPD-16B	11990616	$8.15
D-15	LLPD-17B	11990617	$8.15
D-15	LLPD-20B	11990610	$8.15
D-15	ILPD-12B	11990512	$8.15
D-15	ILPD-16M	11990516	$8.15
D-15	ILPD-50NPT	11990601	$8.15
D-15	LFV-20B	11990602	$8.15
D-15	PASV77H	72501963	$3.85

VALVES—Hydraulic Valve Pricing Table

	Hydrauliv Valve Function															
Body Size	B	M	MEL	MRC	PRM	PRMEL	PRMRC	PSM	PSMEL	PSMRC	PSPRM	PSPRMEL	PSPRMRC	QR or 2PS	2PR	2PRPS
P015T	106	162	301	273	318	372	488	356	552	503	557	651	703	x	x	x
P020T	120	176	314	286	330	395	502	372	565	518	570	664	717	x	x	x
P030T	239	294	435	406	447	529	617	490	685	637	686	781	834	x	x	x
P040T	537	593	733	705	734	811	905	789	983	936	954	1,048	1,101	x	x	x
P030G	234	290	431	402	442	525	613	485	681	633	682	778	828	x	x	x
P040G	464	528	673	638	663	751	837	716	913	864	881	985	1,031	x	x	x
P040F	705	743	867	858	895	945	1,064	956	1,142	1,100	1,121	1,197	1,262	x	x	x
C010T	99	154	294	266	306	468	476	349	486	495	438	532	584	761	574	1,494
C015T	130	185	323	295	336	496	506	378	516	525	469	563	615	791	603	1,524
C020T	161	215	352	326	366	526	537	408	547	554	497	592	644	821	633	1,553
C323T	223	278	417	388	427	587	598	473	611	619	559	653	705	884	694	1,614
C030T	486	542	680	652	682	850	862	736	873	882	823	917	969	1,148	959	1,879
C040T	771	824	961	935	974	1,132	1,142	1,021	1,213	1,168	1,104	1,196	1,251	1,738	1,238	2,165
C020G	161	215	352	326	366	526	537	408	601	554	497	592	644	801	633	1,553
C323G	223	278	417	388	427	587	598	473	663	619	559	653	705	866	694	1,614
C030G	486	542	680	652	682	850	862	736	928	882	823	917	969	1,444	959	1,879
C040G	739	794	933	904	942	1,101	1,109	988	1,180	1,134	1,073	1,167	1,219	1,697	1,208	2,127
C060G	1,792	1,902	2,123	2,123	2,505	2,793	2,666	2,597	3,356	2,597	2,666	2,666	2,666	3,554	2,686	2,686
C020F	222	299	373	399	414	495	583	460	556	601	556	591	704	1,075	704	1,549
C323F	286	359	428	460	479	557	648	526	622	669	618	647	766	1,163	763	1,626
C030F	504	558	695	669	697	858	868	752	945	899	831	925	977	1,462	966	1,885
C040F	771	826	965	936	955	1,117	1,124	1,020	1,212	1,166	1,088	1,183	1,234	1,728	1,223	2,144
C060F	1,844	1,956	2,175	2,175	2,555	2,844	2,716	2,648	3,408	2,794	2,716	2,897	2,862	3,606	2,737	3,656
C080F	3,434	3,545	3,765	3,765	4,143	4,430	4,301	4,238	4,997	4,385	4,307	4,489	4,454	5,198	4,323	5,244
C100F	4,586	4,696	4,917	4,917	5,294	5,583	5,455	5,389	6,150	5,536	5,455	5,638	5,601	6,347	5,475	6,395
C120F	9,086	9,196	9,417	9,417	9,791	10,080	9,952	9,889	10,650	10,036	9,952	10,134	10,099	10,847	9,974	10,894
A020T	197	251	383	397	394	548	540	436	584	583	519	614	666	490	475	815
A323T	250	320	386	451	446	521	597	493	549	638	585	609	734	595	578	978
A030T	397	452	590	600	594	756	740	647	784	793	727	822	873	702	684	1,085
A040T	831	844	949	1,036	1,034	1,168	1,166	1,099	1,201	1,253	1,148	1,198	1,290	1,016	999	1,399
A020G	237	285	421	439	436	594	581	480	631	627	559	653	705	516	502	842
A323G	297	363	426	498	494	567	644	542	594	688	631	650	779	629	613	1,013
A030G	486	542	680	689	681	840	827	736	873	882	812	906	959	790	772	1,191
A040G	950	968	1,071	1,155	1,147	1,278	1,278	1,217	1,317	1,367	1,257	1,308	1,399	1,133	1,115	1,535
A060G	2,076	2,151	2,376	2,306	2,728	3,022	2,875	2,830	3,135	2,999	2,827	3,014	2,980	2,874	3,048	4,029
A020F	200	254	386	402	397	552	543	440	587	586	523	617	669	492	477	817
A323F	343	437	518	560	552	638	721	597	668	746	710	751	868	785	765	1,267
A030F	656	727	888	861	856	1,030	1,013	905	1,063	1,053	1,000	1,118	1,152	1,027	1,005	1,508
A040F	972	1,026	1,165	1,173	1,167	1,324	1,313	1,221	1,360	1,367	1,298	1,393	1,445	1,275	1,254	1,757
A060F	1,924	2,033	2,253	2,179	2,576	2,864	2,724	2,672	2,969	2,818	2,681	2,863	2,827	2,726	2,904	3,867
A080F	3,277	3,289	3,496	3,469	4,070	5,000	4,518	4,201	5,157	4,481	5,123	5,289	4,155	4,309	4,277	5,239

Add or Subtract as needed:

Brass Pilots (430 $ea. Valves < 8" have plastic pilots. Plastic pilots rated to 100 psi. PRPS valves have 2 pilots / valve

Solenoids: S to L upgrade $88 ea. Latching upgrade $55 each.

Manual Selector: Valves < 6" $36 ea. Valves > 4" $66 each

VALVES—Option Pricing

JHV Options Price Table								
Body	c	f	g	n	i	p	s	a
P015T	x	106	61	81	30	116	217	171
P020T	x	106	61	81	30	116	217	171
P030T	x	106	61	81	30	116	217	171
P040T	x	106	61	81	30	116	217	171
P030G	x	106	61	81	30	116	217	171
P040G	x	106	61	81	30	116	217	171
P040F	x	106	61	81	30	116	217	171
C010T	610	106	61	81	30	116	217	171
C015T	610	106	61	81	30	116	217	171
C020T	610	106	61	81	30	116	217	171
C323T	610	106	61	81	30	116	217	171
C030T	610	106	61	81	30	116	217	171
C040T	610	106	61	81	30	116	217	171
C020G	610	106	61	81	30	116	217	171
C323G	610	106	61	81	30	116	217	171
C030G	610	106	61	81	30	116	217	171
C040G	610	106	61	81	30	116	217	171
C060G	610	106	61	81	54	212	217	624
C020F	610	106	61	81	30	116	217	171
C323F	610	106	61	81	30	116	217	171
C030F	610	106	61	81	30	116	217	171
C040F	610	106	61	81	30	116	217	171
C060F	610	106	61	81	54	212	217	624
C080F	610	106	61	81	54	212	217	624
C100F	610	106	61	81	54	212	217	624
C120F	610	106	61	81	54	212	217	624
A020T	610	106	61	81	30	116	217	171
A323T	610	106	61	81	30	116	217	171
A030T	610	106	61	81	30	116	217	171
A040T	610	106	61	81	30	116	217	171
A020G	610	106	61	81	30	116	217	171
A323G	610	106	61	81	30	116	217	171
A030G	610	106	61	81	30	116	217	171
A040G	610	106	61	81	30	116	217	171
A060G	610	106	61	81	54	212	217	624
A020F	610	106	61	81	30	116	217	171
A323F	610	106	61	81	30	116	217	171
A030F	610	106	61	81	30	116	217	171
A040F	610	106	61	81	30	116	217	171
A060F	610	106	61	81	54	212	217	624
A080F	610	106	61	81	54	212	217	624



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Hose Threaded T-Filters

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Stock Code
Hose Thread: Plastic T-Filter 4E-3/4" FHS x 3/4" MHT (Stainless Steel Screen)							
4E-3/4T-50	72130088	50 mesh		50	27.0	C	
4E-3/4T-100	72130082	100 mesh		50	27.0	C	
4E-3/4T-150	72130084	150 mesh		50	27.0	C	
4E-3/4T-200	72130086	200 mesh		50	27.0	C	
Hose Thread: Replacement Stainless Steel Screens for Plastic 4E-3/4" Hose Bib T-Filters							
T-50M	72110035	Yellow - 50 mesh		100	12.0	F	
T-100M	72110031	Blue - 100 mesh		100	12.0	F	
T-150M	72110032	Black - 150 mesh		100	12.0	F	
T-200M	72110033	Red - 200 mesh		100	12.0	F	MTO
Hose Thread: Plastic In-Line Hose Filter and Screen							
PIF	72500488	PIF 3/4" Plastic Inline Filter		50	17.6	C	
PIF5	72501097	PIF 120 Mesh Screen Only		100	2.2	C	



4E-3/4T-150



T-50M



T-100M

Pipe Threaded T Filters

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Stock Code
Pipe Threaded:1 1/2" FPT - Black Basin (150 psi) (Stainless Steel Screen)							
T-015B-30	12110002	Orange - 30 mesh		1	5.0	C	MTO
T-015B-50	12110052	Yellow - 50 mesh		1	5.0	C	
T-015B-100	12110053	Blue - 100 mesh		1	5.0	C	
T-015B-150	12110001	Black - 150 mesh		1	5.0	C	
T-015B-200	12110004	Red - 200 mesh		1	5.0	C	MTO
Pipe Threaded: 1 1/2" FPT - Clear Basin (150 psi) (Stainless Steel Screen)							
T-015C-30	12110003	Orange - 30 mesh		1	5.0	C	MTO
T-015C-50	12110047	Yellow - 50 mesh		1	5.0	C	
T-015C-100	12110054	Blue - 100 mesh		1	5.0	C	MTO
T-015C-150	12110007	Black - 150 mesh		1	5.0	C	MTO
T-015C-200	12110009	Red - 200 mesh		1	5.0	C	MTO





Pipe Threaded T Filters

Model #	Part #	Description	Box Qty.	Box Wt.	Box Code	Stock Code
Pipe Threaded: 2" FPT - Black Basin (150 psi) (Stainless Steel Screen)						
T-020B-30	12110005	Orange - 30 mesh	1	5.0	C	MTO
T-020B-50	12110021	Yellow - 50 mesh	1	5.0	C	
T-020B-100	12110012	Blue - 100 mesh	1	5.0	C	
T-020B-150	12110015	Black - 150 mesh	1	5.0	C	
T-020B-200	12110018	Red - 200 mesh	1	5.0	C	MTO
Pipe Threaded: 2" FPT - Clear Basin (150 psi) (Stainless Steel Screen)						
T-020C-30	12110006	Orange - 30 mesh	1	5.0	C	MTO
T-020C-50	12110029	Yellow - 50 mesh	1	5.0	C	MTO
T-020C-100	12110023	Blue - 100 mesh	1	5.0	C	MTO
T-020C-150	12110025	Black - 150 mesh	1	5.0	C	MTO
T-020C-200	12110027	Red - 200 mesh	1	5.0	C	MTO

Note: BSP Models available. Chemical resistant Viton seals available.
T-Filters are available drilled and tapped for 1/8" Schrader valve. Contact Jain Customer Service for pricing.





Pipe Threaded Filter Replacement Components						
11/2 & 2-30M	12120017	1 1/2" & 2" replacement screen 30 mesh- Orange	1	2.0	B	
S-50M	12120016	1 1/2" & 2" replacement screen 50 mesh- Yellow	1	0.7	B	
S-100M	12120015	1 1/2" & 2" replacement screen 100 mesh- Blue	1	0.7	B	
S-150M	12120011	1 1/2" & 2" replacement screen 150 mesh- Black	1	0.7	B	
S-200M	12120013	1 1/2" & 2" replacement screen 200 mesh- Red	1	0.7	B	MTO
BB-015/020	12120001	1 1/2" & 2" Black Basin	12	24.0	A	
BC-015/020	12120003	1 1/2" & 2" Clear Basin	12	24.0	A	
GE-015/020	12120005	1 1/2" & 2" O-Ring EPDM	1	0.5	B	

Note: T-Filter Screens are not sintered



11/2 & 2-30M



S-150M



BB-015/020



GE-015/020



BC-015/020

Turbo Disclean Filter

Model #	Part #	Description	Box Qty.	Box Wt.	Box Code	Stock Code
Jain Turbo Disclean Manual Disc Filters - 120 psi (8.3 Bar) Max Pressure Includes: Disclean Filter PP Reinforced Body, Disc Element with Turbo Spin Plate and 3/4" FPT PVC Purge Valve						
DCTPL30TWN	12130450	2" MPT Turbo Disclean T/L Filter with 120 Mesh, 195 Sq. Inch Disc Element - 130 Max Flow	1	14.2		MTO
DCTPL50TWN	12130460	3" MPT Turbo Disclean T/L Filter with 120 Mesh (125 Micron) 257 Sq. Inch Disc Element - 220 gpm Max Flow	1	20.9		MTO
Jain SmartClean Vertical Manual Operated Screen Filter - 120 psi (8.3 Bar) Max. Pressure Includes: SmartClean Filter with PP Reinforced Body, Manual Suction Scanner, SS Screen with PP Element and ¾"FPT PVC Purge Valve						
SCVP03T-S12P-M	13170110	3"MPT SmartClean VMO T Filter with 120 Mesh (125 Micron) 257 Sq. Inch. Screen Element - 220 gpm Max. Flow	1	22.9		MTO



DCTPL30TWN



DCTPL50TWN



SCVP03T-S12P-M



Disclean Filter

Jain Y-Filters

Model #	Part #	Description	Box Qty.	Box Code	Stock Code
Jain Filter with Flush Cap					
JF-075-50	72130300	3/4" w/ ss screen 50 mesh	16	F	
JF-075-100	72130301	3/4" w/ ss screen 100 mesh	16	F	MTO
JF-075-150	72130302	3/4" w/ ss screen 150 mesh	16	F	
JF-075-200	72130303	3/4" w/ ss screen 200 mesh	16	F	MTO
JF-100-50	72130310	1" w/ ss screen 50 mesh	16	F	
JF-100-100	72130311	1" w/ ss screen 100 mesh	16	F	MTO
JF-100-150	72130312	1" w/ ss screen 150 mesh	16	F	
JF-100-200	72130313	1" w/ ss screen 200 mesh	16	F	MTO
Jain Filter with Flush Valve					
JFFV-075-150	72130322	3/4" w/ ss screen 150 mesh	16	F	
JFFV-100-150	72130332	1" w/ ss screen 150 mesh	16	F	
Jain Filter Replacement Screens					
RSS50	72130400	3/4" and 1" ss 50 mesh Black	30	F	MTO
RSS100	72130401	3/4" and 1" ss 100 mesh Blue	30	F	MTO
RSS150	72130402	3/4" and 1" ss 150 mesh Yellow	30	F	
RSS200	72130403	3/4" and 1" ss 200 mesh Red	30	F	MTO

Note: Maximum operating pressure 85 psi.





JFFV-100-150



RSS150



Plastic Spin Clean Y-Filters

Model #	Part #	Description	Box Qty.	Box Wt.	Box Code	Stock Code
4E 3/4" MPT with MHT Flush & Cap (80 psi - 9 GPM max.) (Stainless Steel Screen)						
4E-3/4A-30	72130073	Orange - 30 mesh	8	6.0	G	MTO
4E-3/4A-50	72130074	Yellow - 50 mesh	8	6.0	G	MTO
4E-3/4A-100	72130070	Blue - 100 mesh	8	6.0	G	
4E-3/4A-150	72130071	Black - 150 mesh	8	6.0	G	
4E-3/4A-200	72130072	Red - 200 mesh	8	6.0	G	
4E 3/4" MPT with MHT Flush & Ball Valve (80 psi - 9 GPM max.) (Stainless Steel Screen)						
4E-3/4B-30	72130079	Orange - 30 mesh	6	6.0	G	MTO
4E-3/4B-50	72130080	Yellow - 50 mesh	6	6.0	G	
4E-3/4B-100	72130076	Blue - 100 mesh	6	6.0	G	
4E-3/4B-150	72130077	Black - 150 mesh	6	6.0	G	
4E-3/4B-200	72130078	Red - 200 mesh	6	6.0	G	
4EH 3/4" MPT with MPT Flush & Cap (150 psi - 9 gpm max.) (Stainless Steel Screen)						
4EH-3/4A-30	72130113	Orange - 30 mesh	8	8.5	G	MTO
4EH-3/4A-50	72130114	Yellow - 50 mesh	8	8.5	G	MTO
4EH-3/4A-100	72130110	Blue - 100 mesh	8	8.5	G	MTO
4EH-3/4A-150	72130111	Black - 150 mesh	8	8.5	G	
4EH-3/4A-200	72130112	Red - 200 mesh	8	8.5	G	MTO
4EH 3/4" MPT with MPT Flush & Ball Valve (150 psi - 9 gpm max.) (Stainless Steel Screen)						
4EH-3/4B-30	72130118	Orange - 30 mesh	6	12.8	F	MTO
4EH-3/4B-50	72130119	Yellow - 50 mesh	6	12.8	F	MTO
4EH-3/4B-100	72130115	Blue - 100 mesh	6	12.8	F	
4EH-3/4B-150	72130116	Black - 150 mesh	6	12.8	F	
4EH-3/4B-200	72130117	Red - 200 mesh	6	12.8	F	MTO
4E 1" MPT with MHT Flush & Cap (80 psi -18 gpm max.) (Stainless Steel Screen)						
4E-1AN-30	72130171	Orange - 30 mesh	8	8.0	G	MTO
4E-1AN-50	72130173	Yellow - 50	8	8.0	G	
4E-1AN-100	72130175	Blue - 100 mesh	8	8.0	G	
4E-1AN-150	72130177	Black - 150 mesh	8	8.0	G	
4E-1AN-200	72130179	Red - 200 mesh	8	8.0	G	MTO

NOTE: available with BSP Threads - Call Customer Service for pricing and availability.

4E 1" MPT with MHT Flush & Ball Valve (80 psi - 18 gpm max.) (Stainless Steel Screen)						
4E-1BN-30	72130181	Orange - 30 mesh	6	7.0	G	MTO
4E-1BN-50	72130183	Yellow - 50 mesh	6	7.0	G	
4E-1BN-100	72130185	Blue - 100 mesh	6	7.0	G	
4E-1BN-150	72130187	Black - 150 mesh	6	7.0	G	
4E-1BN-200	72130189	Red - 200 mesh	6	7.0	G	

NOTE: Available with BSP Threads - Call Customer Service for pricing and availability.

Note: All Plastic Filter models available drilled and tapped for 1/8" schrader valve. Contact Jain Customer Service for pricing and availability. Plastic Filters are not for use indoors or for static flow, continuous pressure (no-flow) conditions, hot water, or on potable water systems.

Plastic Spin Clean Y-Filters

Model #	Part #	Description	Box Qty.	Box Wt.	Box Code	Stock Code
4EH 1" MPT w/ MPT Flush & Cap (150 psi - 18 gpm max.) (Stainless Steel Screen)						
4EH-1AN-30	72130191	Orange - 30 mesh	6	10.0	G	MTO
4EH-1AN-50	72130193	Yellow - 50 mesh	6	10.0	G	MTO
4EH-1AN-100	72130195	Blue - 100 mesh	6	10.0	G	MTO
4EH-1AN-150	72130197	Black - 150 mesh	6	10.0	G	
4EH-1AN-200	72130199	Red - 200 mesh	6	10.0	G	MTO

Note: Available with BSP Threads - Call Customer Service for pricing and availability.



4EH 1" MPT w/ MPT Flush & Ball Valve (150 psi - 18 gpm max.) (Stainless Steel Screen)						
4EH-1BN-30	72130201	Orange - 30 mesh	6	7.5	G	
4EH-1BN-50	72130203	Yellow - 50 mesh	6	7.5	G	MTO
4EH-1BN-100	72130205	Blue - 100 mesh	6	7.5	G	
4EH-1BN-150	72130207	Black - 150 mesh	6	7.5	G	
4EH-1BN-200	72130209	Red - 200 mesh	6	7.5	G	MTO

Note: Available with BSP Threads - Call Customer Service for pricing and availability.



4EH 1 1/2" MPT w/ MPT Flush & Ball Valve (150 psi - 55 gpm max.) (Stainless Steel Screen)						
4EH-11/2-30	72130093	Orange - 30 mesh	1	5.8	G	
4EH-11/2-50	72130094	Yellow - 50 mesh	1	5.8	G	
4EH-11/2-100	72130090	Blue - 100 mesh	1	5.8	G	
4EH-11/2-150	72130091	Black - 150 mesh	1	5.8	G	
4EH-11/2-200	72130092	Red - 200 mesh	1	5.8	G	

Note: Available with BSP Threads - Call Customer Service for pricing and availability.



4EH 2" MPT w/ MPT Flush & Ball Valve (150 psi - 110 gpm max.) (Stainless Steel Screen)						
4EH-2P-30	72130108	Orange - 30 mesh	1	5.6	G	
4EH-2P-50	72130109	Yellow - 50 mesh	1	5.6	G	
4EH-2P-100	72130105	Blue - 100 mesh	1	5.6	G	
4EH-2P-150	72130106	Black - 150 mesh	1	5.6	G	
4EH-2P-200	72130107	Red - 200 mesh	1	5.6	G	

Note: Available with BSP Threads - Call Customer Service for pricing and availability.



All Plastic Filter models available drilled and tapped for 1/8" schrader valve. Contact Jain Customer Service for pricing.

Plastic Filters are not for use indoors or for static flow, continuous pressure (no-flow) conditions, hot water, or on potable water systems.

Plastic Spin Clean Accessories

Model #	Part #	Description	Box Qty.	Bo Wt.	Box Code
SS Replacement Screens: For 3/4" & 1" Filters (Length: 5 1/4")					
3/4"&1"-30M	72140035	Orange - 30 mesh screen		10.0	G
3/4"&1"-50M	72140036	Yellow - 50 mesh screen		10.0	G
3/4"&1"-100M	72140031	Blue - 100 mesh screen		10.0	G
3/4"&1"-150M	72140032	Black - 150 mesh screen		10.0	G
3/4"&1"-200M	72140034	Red - 200 mesh screen		10.0	G
SS Replacement Screens: For 1 1/2" & 2" Filters (Length: 7 1/4")					
11/2" & 2"-30M	72120017	Orange - 30 mesh screen (Non-Sintered)		4.0	G
11/2" & 2"-50M	72140049	Yellow - 50 mesh screen		4.0	G
11/2" & 2"-100M	72140045	Blue - 100 mesh screen		4.0	G
11/2" & 2"-150M	72140046	Black - 150 mesh screen		4.0	G
11/2" & 2"-200M	72140047	Red - 200 mesh screen		4.0	G





Model #	Part #	Description	Box Qty.	Box Wt.	Box Code	Stock Code
Spin Plates: For 3/4" & 1" Filters (Length: 5 1/4")						
3/4-SP	72140001	3/4" - 2 Hole (Standard), 9 GPM	10	0.5	B	
1-SP	72140002	1" - 2 Hole (Standard), 18 GPM	10	0.5	B	
11/2-SP-2	72140059	1 1/2" - 2 Hole, 23-28 GPM		0.5	B	
11/2-SP-3	72140058	1 1/2" - 3 Hole, 34-42 GPM		0.5	B	
11/2-SP	72140013	1 1/2" - 4 Hole, 45-55 GPM		0.5	B	MTO
2-SP-2	72140060	2" - 2 Hole , 45-55 GPM		0.5	B	
2-SP-3	72140061	2" - 3 Hole, 68-84 GPM		0.5	B	
2-SP	72140029	2" - 4 Hole, 90-110 GPM		0.5	B	

Note: To obtain lower flow rates in 1" model, use 3/4" Spin Plates.
To obtain lower flow rates in 2" model, use 1 1/2" Spin Plates.





Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code
Debris Basin						
11/2 & 2-DB-H	72140007	With O-Ring: 1 1/2" & 2" Model		1	3.0	B
3/4 &1-DB	72140038	3/4" & 1" Low Pressure		1	1.0	B
O-Rings						
11/2 & 2-Ring	72140008	Body to Basin: 11/2" & 2" models		1	0.1	B
3/4 & 1-Ring	72140037	Body to Basin: 3/4" & 1" models		1	0.1	B
Wrench						
Wrench	72140044	Wrench for 1 1/2" & 2" 4E Plastic Filters (T-Filters/Y-Filters)	1	50	45.0	F







Steel Spin Clean Y-Filters

Model #	Part #	Description	Box Qty.	Bo Wt.	Box Code	Stock Code
2" Flanged 4E Steel Filter (103 GPM max. flow)						
4E-2-30F	13150027	Orange - 30 mesh	1	48.0	Q	MTO
4E-2-50F	13150029	Yellow - 50 mesh	1	48.0	Q	MTO
4E-2-100F	13150013	Blue - 100 mesh	1	48.0	Q	MTO
4E-2-150F	13150017	Black - 150 mesh	1	48.0	Q	MTO
4E-2-200F	13150022	Red - 200 mesh	1	48.0	Q	MTO
2" Grooved 4E Steel Filter (103 GPM max. flow)						
4E-2-30G	13150086	Orange - 30 mesh	1	38.0	Q	MTO
4E-2-50G	13150028	Yellow - 50 mesh	1	38.0	Q	MTO
4E-2-100G	13150012	Blue - 100 mesh	1	38.0	Q	MTO
4E-2-150G	13150016	Black - 150 mesh	1	38.0	Q	MTO
4E-2-200G	13150021	Red - 200 mesh	1	38.0	Q	MTO
3" Flanged 4E Steel Filter (210 GPM max. flow)						
4E-3-30F	13150045	Orange - 30 mesh	1	53.0	Q	MTO
4E-3-50F	13150047	Yellow - 50 mesh	1	53.0	Q	
4E-3-100F	13150032	Blue - 100 mesh	1	53.0	Q	
4E-3-150F	13150037	Black - 150 mesh	1	53.0	Q	
4E-3-200F	13150041	Red - 200 mesh	1	53.0	Q	MTO
3" Grooved 4E Steel Filter (210 GPM max. flow)						
4E-3-30	13150044	Orange - 30 mesh	1	43.0	Q	MTO
4E-3-50	13150046	Yellow - 50 mesh	1	43.0	Q	MTO
4E-3-100	13150031	Blue - 100 mesh	1	43.0	Q	MTO
4E-3-150	13150036	Black - 150 mesh	1	43.0	Q	MTO
4E-3-200	13150040	Red - 200 mesh	1	43.0	Q	MTO
4" Flanged 4E Steel Filter (365 GPM max. flow)						
4E-4-30F	13150062	Orange - 30 mesh	1	75.0	Q	MTO
4E-4-50F	13150064	Yellow - 50 mesh	1	75.0	Q	
4E-4-100F	13150052	Blue - 100 mesh	1	75.0	Q	
4E-4-150F	13150056	Black - 150 mesh	1	75.0	Q	
4E-4-200F	13150059	Red - 200 mesh	1	75.0	Q	MTO











Note: 4E Epoxy Coated Steel Spin Clean Filters come complete with two flow plugs, one liquid filled pressure gauge and 3-way valve assembly, one air vent and one brass ball valve. All Steel Spin Clean Filters are packaged and crated for secure shipping. All screens are sintered 316 stainless steel mesh and 304 stainless steel perforated support screen.

Steel Spin Clean Y-Filters

Model #	Part #	Description	Box Qty.	Box Wt.	Box Code	Stock Code
4" Grooved 4E Steel Filter (365 GPM max. flow)						
4E-4-30	13150061	Orange - 30 mesh	1	50.0	Q	MTO
4E-4-50	13150063	Yellow - 50 mesh	1	50.0	Q	MTO
4E-4-100	13150051	Blue - 100 mesh	1	50.0	Q	MTO
4E-4-150	13150055	Black - 150 mesh	1	50.0	Q	MTO
4E-4-200	13150058	Red - 200 mesh	1	50.0	Q	MTO
6" Flanged 4E Steel Filter (550 GPM max. flow)						
4E-6-30F	13150072	Orange - 30 mesh	1	122.0	S	MTO
4E-6-50F	13150073	Yellow - 50 mesh	1	122.0	S	
4E-6-100F	13150067	Blue - 100 mesh	1	122.0	S	
4E-6-150F	13150069	Black - 150 mesh	1	122.0	S	
4E-6-200F	13150071	Red - 200 mesh	1	122.0	S	MTO
6" Grooved 4E Steel Filter (550 GPM max. flow)						
4E-6-30	13150115	Orange - 30 mesh	1	90.0	R	MTO
4E-6-50	13150116	Yellow - 50 mesh	1	90.0	R	MTO
4E-6-100	13150117	Blue - 100 mesh	1	90.0	R	MTO
4E-6-150	13150118	Black - 150 mesh	1	90.0	R	MTO
4E-6-200	13150119	Red - 200 mesh	1	90.0	R	MTO







Steel Spin Clean Y-Filters

Model #	Part #	Description	Box Qty.	Box Wt.	Box Code	Stock Code
6" Flanged High Flow 4E Steel Filter (1000 GPM max. flow)						
4E-6HF-30F	13150078	Orange - 30 mesh	1	300.0	R	MTO
4E-6HF-50F	13150079	Yellow - 50 mesh	1	300.0	R	MTO
4E-6HF-100F	13150075	Blue - 100 mesh	1	300.0	R	
4E-6HF-150F	13150076	Black - 150 mesh	1	300.0	R	
4E-6HF-200F	13150077	Red - 200 mesh	1	300.0	R	MTO
8" Flanged 4E Steel Filter (1300 GPM max. flow)						
4E-8-30F	13150083	Orange - 30 mesh	1	330.0	R	MTO
4E-8-50F	13150084	Yellow - 50 mesh	1	330.0	R	
4E-8-100F	13150080	Blue - 100 mesh	1	330.0	R	
4E-8-150F	13150081	Black - 150 mesh	1	330.0	R	
4E-8-200F	13150082	Red - 200 mesh	1	330.0	R	MTO
10" Flanged 4E Steel Filter (2200 GPM max. flow)						
4E-10-30F	13150004	Orange - 30 mesh	1	545.0	U	MTO
4E-10-50F	13150005	Yellow - 50 mesh	1	545.0	U	
4E-10-100F	13150001	Blue - 100 mesh	1	545.0	U	
4E-10-150F	13150002	Black - 150 mesh	1	545.0	U	
4E-10-200F	13150003	Red - 200 mesh	1	545.0	U	MTO
12" Flanged 4E Steel Filter (2800 GPM max. flow)						
4E-12-30F	13150010	Orange - 30 mesh	1	640.0	U	MTO
4E-12-50F	13150011	Yellow - 50 mesh	1	640.0	U	MTO
4E-12-100F	13150007	Blue - 100 mesh	1	640.0	U	
4E-12-150F	13150008	Black - 150 mesh	1	640.0	U	MTO
4E-12-200F	13150009	Red - 200 mesh	1	640.0	U	MTO









Note: 4E Epoxy Coated Steel Spin Clean Filters come complete with two flow plugs, one liquid filled pressure gauge and 3-way valve assembly, one air vent and one brass ball valve. All Steel Spin Clean Filters are packaged and crated for secure shipping. All screens are sintered 316 stainless steel mesh and 304 stainless steel perforated support screen.

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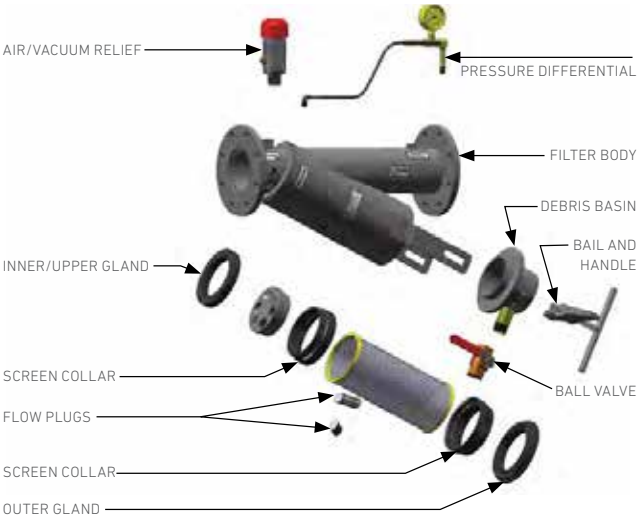
Steel Filter Dimensions

4E Steel Filter Screen Dimensions

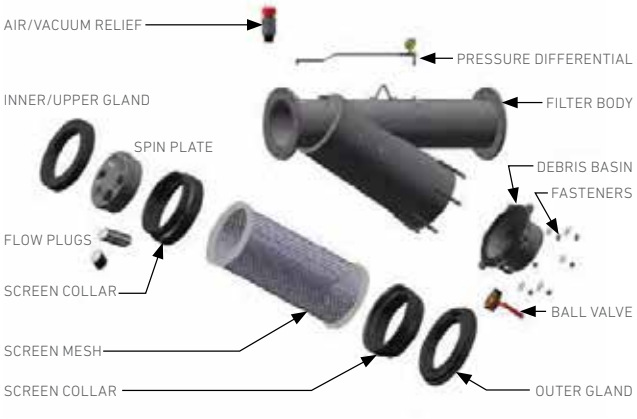
	Diameter		Length		Length with Collar	
Size	in	cm	in	cm	in	cm
2" & 3"	5 3/8	13.65	9 1/4	23.50	N/A	N/A
4"	5 3/8	13.65	12	30.48	N/A	N/A
6"	6 3/8	16.19	16 5/8	42.39	N/A	N/A
6"-HF	9 3/8	23.81	19	48.26	21 1/2	54.61
8"	9 3/8	23.81	25 15/16	65.88	28 1/2	72.39
10"	14 1/2	36.83	28 15/16	73.50	31 9/16	80.17
12"	14 1/2	36.83	36 3/16	91.92	38 7/8	98.74

FILTERS

4E Steel Filter Flanged 2"–6"



4E Steel High Flow Filter Flanged 6" HD–12"



4E Steel Filter Flanged 2"–6"



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Mesh Screens

Model #	Part #	Description	Box Qty.	Box Wt.	Box Code	Stock Code
SS Replacement Screens: For 4E-2" and 4E-3"						
2-3-30M	13180033	Orange - 30 mesh screen	1	3.0	C	
2-3-50M	13180045	Yellow - 50 mesh screen	1	3.0	C	
2-3-100M	13180030	Blue - 100 mesh screen	1	3.0	C	
2-3-150M	13180031	Black - 150 mesh screen	1	3.0	C	
2-3-200M	13180032	Red - 200 mesh screen	1	3.0	C	MTO
SS Replacement Screens: For 4E-4"						
4-30M	13180061	Orange - 30 mesh screen	1	3.5	C	
4--50M	13180063	Yellow - 50 mesh screen	1	3.5	C	
4-100M	13180058	Blue - 100 mesh screen	1	3.5	C	
4-150M	13180059	Black - 150 mesh screen	1	3.5	C	
4-200M	13180060	Red - 200 mesh screen	1	3.5	C	MTO
SS Replacement Screens: For 4E-6"						
6-30M	13180080	Orange - 30 mesh screen	1	5.0	A	
6-50M	13180081	Yellow - 50 mesh screen	1	5.0	A	
6-100M	13180077	Blue - 100 mesh screen	1	5.0	A	
6-150M	13180078	Black - 150 mesh screen	1	5.0	A	
6-200M	13180079	Red - 200 mesh screen	1	5.0	A	MTO
SS Replacement Screens: For 4E-6" HF						
6HF-30M	13180091	Orange - 30 mesh screen	1	11.0	A	MTO
6HF-50M	13180092	Yellow - 50 mesh screen	1	11.0	A	MTO
6HF-100M	13180088	Blue - 100 mesh screen	1	11.0	A	
6HF-150M	13180089	Black - 150 mesh screen	1	11.0	A	
6HF-200M	13180090	Red - 200 mesh screen	1	11.0	A	MTO
SS Replacement Screens: For 4E-8"						
8-30M	13180110	Orange - 30 mesh screen	1	15.0	T	MTO
8-50M	13180111	Yellow - 50 mesh screen	1	15.0	T	
8-100M	13180106	Blue - 100 mesh screen	1	15.0	T	
8-150M	13180108	Black - 150 mesh screen	1	15.0	T	
8-200M	13180109	Red - 200 mesh screen	1	15.0	T	MTO









Note: All 4E screens are manufactured with sintered 316 stainless steel mesh with 304 stainless screen perforated support screen. 80 & 120 Mesh SS Replacement Screens available on request.

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Mesh Screens

Model #	Part #	Description	Box Qty.	Box Wt.	Box Code	Stock Code
SS Replacement Screens for Steel Spin Clean Filters - 4E-10"						
10-30M	13180013	Orange - 30 mesh screen	1	25.0	T	MTO
10-50M	13180014	Yellow - 50 mesh screen	1	25.0	T	MTO
10-100M	13180001	Blue - 100 mesh screen	1	25.0	T	
10-150M	13180011	Black - 150 mesh screen	1	25.0	T	
10-200M	13180012	Red - 200 mesh screen	1	25.0	T	MTO
SS Replacement Screens for Steel Spin Clean Filters - 4E-12"						
12-30M	13180023	Orange - 30 mesh screen	1	29.0	T	MTO
12-50M	13180024	Yellow - 50 mesh screen	1	29.0	T	MTO
12-100M	13180020	Blue - 100 mesh screen	1	29.0	T	MTO
12-150M	13180021	Black - 150 mesh screen	1	29.0	T	MTO
12-200M	13180022	Red - 200 mesh screen	1	29.0	T	MTO

Note: All 4E screens are manufactured with sintered 316 stainless steel mesh and 304 stainless screen perforated support screen. 80 & 120 Mesh SS Replacement Screens available on request.



Steel Spin Clean Accessories

Model #	Part #	Description	Box Qty.	Box Wt.	Box Code	Stock Code
Steel Spin Clean Filter Inner Gland						
A-IG	13180037	For 4E-2", 3", 4" & 5E-130-3"	1	2.0	F	
B-IG	13180095	For 4E-6" & 5E-225-4"	1	2.0	F	
C-IG	13180118	For 4E-6"HF, 8" & 5E-350-6", 550-6"	1	2.0	F	
D-IG	13180004	For 4E-10", 12" & 5E-950-8", 1300-8"	1	5.0	D	
Steel Spin Clean Filter Outer Gland						
A-OG	13180040	For 4E-2", 3", 4" & 5E-130-3"	1	2.0	F	
B-OG	13180097	For 4E-6" & 5E-225-4"	1	2.0	F	
C-OG	13180121	For 4E-6"HF, 8" & 5E-350-6", 550-6"	1	2.0	F	
D-OG	13180007	For 4E-10", 12" & 5E-950-8", 1300-8"	1	5.0	D	
Steel Spin Clean Filter Plastic Collar						
A-PC	13180043	For 4E-2", 3", 4"	1	2.0	B	
A130-PC	13180150	For 5E-130-3"	1	2.0	A	MTO
B-PC	13180100	For 4E-6" & 5E-225-4"	1	2.0	A	
C-PC	13180124	For 4E-6"HF, 8" & 5E-350-6", 550-6"	1	2.0	F	
D-PC	13180010	For 4E-10", 12" & 5E-950-8", 1300-8"	1	2.0	B	
Flow Plugs for 4E Filters						
2-FP	13180049	For 4E-2"	16	6.0	B	MTO
3-FP	13180055	For 4E-3"	16	6.0	B	
4-FP	13180071	For 4E-4"	16	6.0	B	
6-FP	13180087	For 4E-6"	16	6.0	B	
6-HF-FP	13180093	For 4E-6"HF	16	6.0	B	
8-FP	13180116	For 4E-8"	16	6.0	B	
10-FP	13180016	For 4E-10"	16	6.0	B	
12-FP	13180025	For 4E-12"	16	6.0	B	MTO













Steel Spin Clean Accessories

Model #	Part #	Description	Stock Code
4E Spin Plates			
2-SP	13180051	For 4E-2" (PVC)	MTO
3-SP	13180056	For 4E-3" (PVC)	
SP-4	13180072	For 4E-4" (PVC)	
6-SP	13180102	For 4E-6" (PVC)	
6-HFSP	13180094	For 4E-6" wtih Cone (alum)	MTO
8-SP	13180126	For 4E-8" (alum.)	
10-SP	13180018	For 4E-10" (alum.)	MTO
12-SP	13180027	For 4E-12" (alum.)	MTO
4E Spin Plates with Sand Guard			
2-SPSG	13180053	For 4E-2" (PVC)	MTO
3-SPSG	13180057	For 4E-3" (PVC)	MTO
4-SPSG	13180073	For 4E-4" (PVC)	MTO
6-SPSG	13180103	For 4E-6" (PVC)	MTO
6HF-SPSG	13180005	For 4E-6" with Cone (alum)	MTO
8-SPSG	13180008	For 4E-8" (alum)	MTO
10-SPSG	13180015	For 4E-10" (alum)	MTO
12-SPSG	13180017	For 4E-12" (alum)	MTO
4E Debris Basin			
234-DB-CC	13180035	For 4E-2", 3", 4" (Coated)	
6-DB-CC	13180086	For 4E-6" (Coated)	MTO
8-DB	13180114	For 4E-6HF and 4E-8" (alum)	MTO
10-12-DB	13180002	For 4E-10", 12" (alum)	MTO
4E Bale / Handle			
234-BH	13180034	Standard	
6-BH	13180083	Large	MTO
4E Filter Automatic Purge Kit			
4E-APK	13280020	Includes filtron PD Battery Operated Controller, 2" Hydraulic Y-Valve, Mount and Fittings	

Note: For use with 6"HF to 12" Y-Filters









SP-4



10-SP

Steel Spin Clean Accessories

Model #	Part #	Description	Box Qty.	Box Wt.	Box Code	Stock Code
Inserts for 5E-SWF Filters						
FI-130	13180156	For 5E-130-3"	16	5.0	B	MTO
FI-225	13180155	For 5E-225-4"	16	5.0	B	MTO
FI-350	13180154	For 5E-350-6"	16	5.0	B	MTO
FI-550	13180153	For 5E-550-6"	16	5.0	B	MTO
FI-950	13180152	For 5E-950-8"	16	5.0	B	MTO
FI-1300	13180151	For 5E-1300-8"	16	5.0	B	MTO
FI-40	13170006	For 5E-40	16	5.0	B	MTO
4E 3-Way Pressure Gauge Valve Kit Converts Dual Gauges to a Single Gauge with 3-Way Valve Kit (Pressure Gauge Not Included)						
3-WAY KIT	13280002	Includes: 3-way valve, 1/4" x 3" nipple, 1/4" street elbow, two 1/4" tubing elbows, 250 x 170 PE tubing	1	0.6	B	







Jain Media Filter Systems

- 5 Year Warranty with 20psi to 100psi operating range
- High uniformity back wash provides efficient filtration and automatic cleaning.
- Exterior Epoxy and interior Polyester coating prevent abrasion and oxidation
- Precision welded high strength carbon steel
- Large maintenance ports provide easy access



Jain Media Filtration Systems Model Builder

Jain Media Filter System Specification Builder

Series		Tank Diameter	# of Tanks		Inlets and Outlets	Configuration		Controller	Solenoid	Voltage
MFS	-	48	04	-	08	E	-	F4	G	12D
Base System								Controlls		

Series:
MFS = Media Filter, Single chamber
Tank Diameter:
48", 36" or 24" (36" and 24" by special oder)
# of Tanks:
24"; 2 to 3 (by special order)
36"; 2 to 3 (by special order)
48"; 2 t0 12 (additional tanks by special order)
Inlet and Outlet Size:
3'" and 4" for 24" systems
4" and 6" for 36" systems
6", 8" and 10" for 48" End configurations
8", 10" and 12" for 48" T configurations
12", 14" and 16" for 48" H configurations
Configurations:
E = End fed systems
T = T fed systems
H = H fed systems
Controllers:
F3 = Alextronix F3, 3 tank controller
F4 = Alextronix F4, 4 tank controller
F8 = Alextronix F8. 8 tank controller
F12 = Alextronix F12, 12 tank controller
F16 = Alextronix F16, 16 tank controller
Solenoid:
G = GemSol, P = Parker
12D = 12VDC, 24A = 24VAC, 12L = 12V latching

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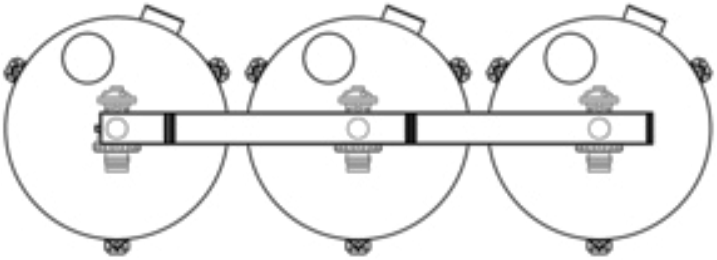
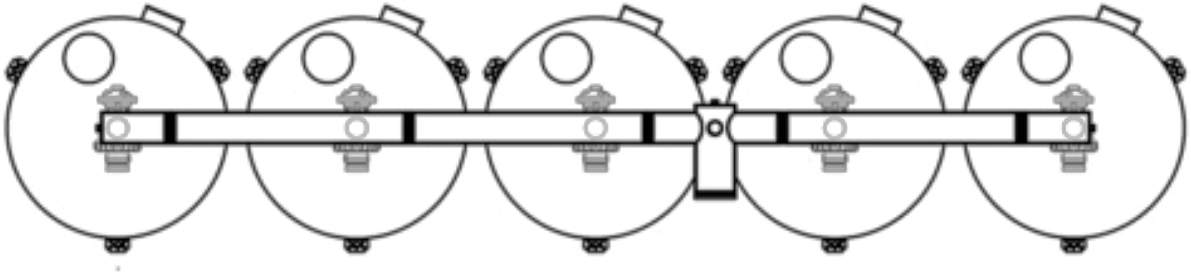
Jain Media Filtration Systems

Model #	Part #	DESCRIPTION	Dirty H2 Qmin gpm	Clean H2O Qmax gpm	Warranty Pmax psi	Warranty Pmin psi	Wt Lbs	Vol ft3
End Feed								
MFS-4802-06E-F3P12D	1364026136	Jain Media Filter Sta w Cast Iron Single Chamber 48"Tanks (2), FV&C 6" SS End Feed manifold, FV&C backwash Valve, Alextronix Cntrl 12VDC Prkr	375	625	100	20	1,152	180
MFS-4803-06E-F3P12D	1364036136	Jain Media Filter Sta w Cast Iron Single Chamber 48"Tanks (3), FV&C 6" SS End Feed manifold, FV&C backwash Valve, Alextronix Cntrl 12VDC Prkr	563	938	100	20	1,738	271
MFS-4804-08E-F4P12D	1364038136	Jain Media Filter Sta w Cast Iron Single Chamber 48"Tanks (4), FV&C 8" SS End Feed manifold, FV&C backwash Valve, Alextronix Cntrl 12VDC Prkr	750	1,250	100	20	2,390	371
T Feed Systems								
MFS-4804-10T-F4P12D	1364040236	Jain Media Filter Sta w Cast Iron Single Chamber 48"Tanks (4), FV&C 10" SS Center Feed manifold, FV&C backwash Valve, Alextronix Cntrl 12VDC Prkr	750	1,250	100	20	2,389	370
MFS-4805-10T-F8P12D	1364050236	Jain Media Filter Sta w Cast Iron Single Chamber 48"Tanks (5), FV&C 10" SS Center Feed manifold, FV&C backwash Valve, Alextronix Cntrl 12VDC Prkr	938	1,563	100	20	2,974	461
MFS-4806-10T-F8P12D	1364060236	Jain Media Filter Sta w Cast Iron Single Chamber 48"Tanks (6), FV&C 10" SS Center Feed manifold, FV&C backwash Valve, Alextronix Cntrl 12VDC Prkr	1,125	1,875	100	20	3,560	553
H Feed Systems								
MFS-4807-12H-F8P12D	1364070236	Jain Media Filter Sta w Cast Iron Single Chamber 48"Tanks (7), FV&C 12" SS H Feed manifold, FV&C backwash Valve, Alextronix Cntrl 12VDC Prkr	1,313	2,188	100	20	4,330	664
MFS-4808-12H-F8P12D	1364080236	Jain Media Filter Sta w Cast Iron Single Chamber 48"Tanks (8), FV&C 12" SS H Feed manifold, FV&C backwash Valve, Alextronix Cntrl 12VDC Prkr	1,500	2,500	100	20	4,915	755
MFS-4809-14H-F12P12D	1364090236	Jain Media Filter Sta w Cast Iron Single Chamber 48"Tanks (9), FV&C 14" SS Center Feed manifold, FV&C backwash Valve, Alextronix Cntrl 12VDC Prkr	1,688	2,813	100	20	5,853	872
MFS-4810-14H-F12P12D	1364100236	Jain Media Filter Sta w Cast Iron Single Chamber 48"Tanks (10), FV&C 14" SS Center Feed manifold, FV&C backwash Valve, Alextronix Cntrl 12VDC Prker	1,875	3,125	100	20	6,457	965
MFS-4811-14H-F12P12D	1364110236	Jain Media Filter Sta w Cast Iron Single Chamber 48"Tanks (11), FV&C 14" SS Center Feed manifold, FV&C backwash Valve, Alextronix Cntrl 12VDC Prkr	2,963	3,438	100	20	7,061	1,059
MFS-4812-14H-F12P12D	1364120236	Jain Media Filter Sta w Cast Iron Single Chamber 48"Tanks (12), FV&C 14" SS Center Feed manifold, FV&C backwash Valve, Alextronix Cntrl 12VDC Prkr	2,250	3,750	100	20	7,665	1,153

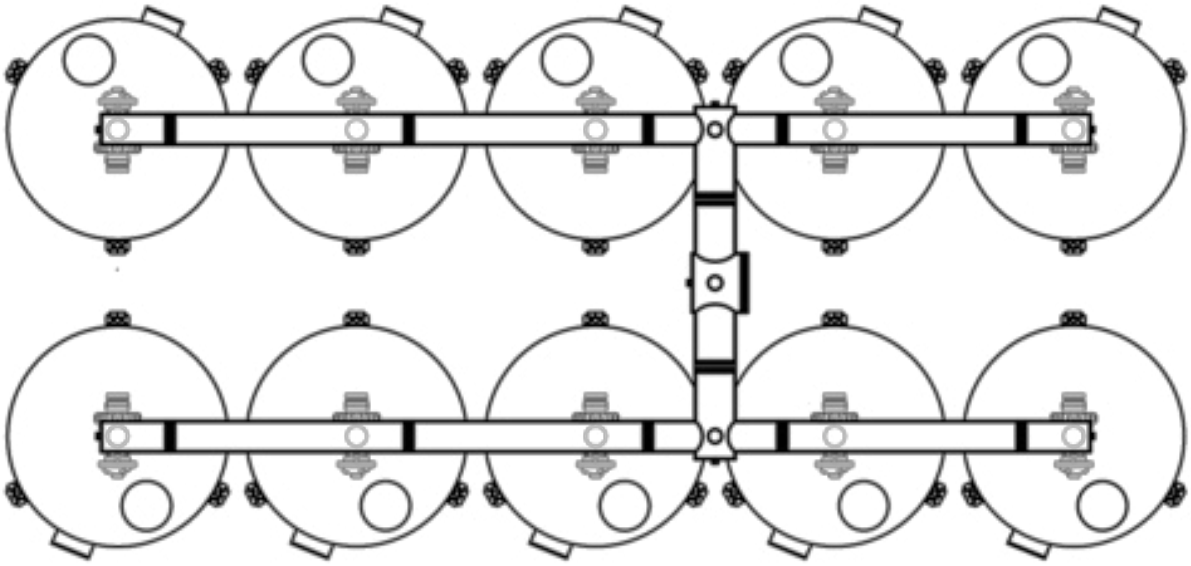
- Use design flow and water quality to select system.
- Maximum flow is for very clean water. Minimum flow is for very dirty water.
- If using maximum flow up-sizing manifold should be considered.
- No Gravel Pack required, Media not included
- 19 cu-ft of media per 48" tank
- System companion kits on next page



End Feed E Configuration / Tanks 52" on Center (4E6)



48" Tanks Center Fed T Configuration / Tanks 52" on Center (5T10)



48" Tanks Two Rows Center Fed H Configuration / Tanks 52" on Center, Rows 72" on center (10H14)

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Jain Media Filtration Kits

Model	PN	DESCRIPTION	Weight (Lbs)	Volume (ft^3)
Flush Manifold Kits				
MF FK2E6	13350500	Flsh Mfold Kit: Rstrc Vlv, Site Tube, Fittings & Pipe 2E6	58	5
MF FK3E6	13350501	Flsh Mfold Kit: Rstrc Vlv, Site Tube, Fittings & Pipe 3E6	69	6
MF FK4E8	13350502	Flsh Mfold Kit: Rstrc Vlv, Site Tube, Fittings & Pipe 4E8, 4T10	81	7
MF FK5T10	13350503	Flsh Mfold Kit: Rstrc Vlv, Site Tube, Fittings & Pipe 5T10	92	7
MF FK6T10	13350504	Flsh Mfold Kit: Rstrc Vlv, Site Tube, Fittings & Pipe 6T10	104	8
MF FK7H12	13350505	Flsh Mfold Kit: Rstrc Vlv, Site Tube, Fittings & Pipe 7H12	121	9
MF FK8H12	13350506	Flsh Mfold Kit: Rstrc Vlv, Site Tube, Fittings & Pipe 8H12	132	10
MF FK9H14	13350507	Flsh Mfold Kit: Rstrc Vlv, Site Tube, Fittings & Pipe 9H14	144	11
MF FK10H14	13350508	Flsh Mfold Kit: Rstrc Vlv, Site Tube, Fittings & Pipe 10H14	155	12
MF FK11H12	13350509	Flsh Mfold Kit: Rstrc Vlv, Site Tube, Fittings & Pipe 11H14	166	13
MF FK12H12	13350510	Flsh Mfold Kit: Rstrc Vlv, Site Tube, Fittings & Pipe 12H14	178	13
Wiring Kits				
MF WK2E6	13350520	MF Wiring Kit: Conuduit, Fittings, Wire, Wire connectors 2E6	5	1
MF WK3E6	13350521	MF Wiring Kit: Conuduit, Fittings, Wire, Wire connectors 3E6	8	1
MF WK4E8	13350522	MF Wiring Kit: Conuduit, Fittings, Wire, Wire connectors 4E8	11	1
MF WK4T10	13350523	MF Wiring Kit: Conuduit, Fittings, Wire, Wire connectors 4T10	10	1
MF WK5T10	13350524	MF Wiring Kit: Conuduit, Fittings, Wire, Wire connectors 5T10	12	2
MF WK6T10	13350525	MF Wiring Kit: Conuduit, Fittings, Wire, Wire connectors 6T10	15	2
MF WK7H12	13350526	MF Wiring Kit: Conuduit, Fittings, Wire, Wire connectors 7H12	17	2
MF WK8H12	13350527	MF Wiring Kit: Conuduit, Fittings, Wire, Wire connectors 8H12	20	2
MF WK9H14	13350528	MF Wiring Kit: Conuduit, Fittings, Wire, Wire connectors 9H14	22	3
MF WK10H14	13350529	MF Wiring Kit: Conuduit, Fittings, Wire, Wire connectors 10H14	25	3
MF WK11H14	13350530	MF Wiring Kit: Conuduit, Fittings, Wire, Wire connectors 11H14	27	3
MF WK12H14	13350531	MF Wiring Kit: Conuduit, Fittings, Wire, Wire connectors 12H14	30	4
Vent & Pressure Relief Kit				
MF VRK E6	13350540	MF Vnt Rlf Kit: Combination Air Vent, Pressure Relief & Ftgs 2E6, 3E6	49	1
MF VRK E8	13350541	MF Vnt Rlf Kit: Combination Air Vent, Presure Relief & Ftgs 3E8	74	2
MF VRK T	13350542	MF Vnt Rlf Kit: Combination Air Vent, Presure Relief & Ftgs T	33	1
MF VRK H	13350543	MF Vnt Rlf Kit: Cmb Air Vent, Presure Relief & Ftgs H	67	2
Pressure Sustaining Kit				
MF PSK E6	13350550	MF Prs Sst Kit; PSM Vlv, Cnc Adpts & Hrdwr E6	61	1
MF PSK E8	13350551	MF Prs Sst Kit; PSM Vlv, Cnc Adpts & HrdwrE8	184	2
MF PSK T10	13350552	MF Prs Sst Kit; PSM Vlv, Cnc Adpts & Hrdwr T10	249	5
MF PSK H12	13350553	MF Prs Sst Kit; PSM Vlv, Cnc Adpts & Hrdwr H12	548	11
MF PSK H14	13350554	MF Prs Sst Kit; PSM Vlv, Cnc Adpts & Hrdwr H14	559	13

- Filtration Systems do not include these kits
- Match kit to the system using the code in the kit description
- Example: 6T10 = 6 Tank, T configuration, 10" inlet

Jain Media Filtration Kits

For these items please see the catalog section listed below.

Item	Catalog Section
Y Filter & Screen	See Plastic Filters section. Specify 4EH-3/4B-100 (PN 72130115)
Gauges	See Accessories section, Specify LFG-100 (PN 12070347)
Hydraulic PE Fittings	See Hydraulic Valve section
PE Tubing; Tank to Tank	See Hydraulic Valve section. 375x250-750PE (PN 11190624) 15'/tnk
PE Tubing; TOK to Cntrl	See Hydraulic Valve section. 315x208-1000PE (PN 11190737) 15'/TOK
Air Vents	See Air Vent Section, specify ARV-2 (PN12090020) 1/E or T Sys, 2/H Sys
Pressure Relief Valve	See Hydraulic Valve section specify. A020Gh-PSs (PN 14109199). 1/E or T SYS, 2/T Sys
Pressure Sustaining Valve	See Valve section; Size by flow and specify C___Fh-M0PSs
Restricting valve	See valve section, specify BGV-040 (pn 12220271)



BGV-040 and MFS-4



A020Gh-PSs



ARV-2



C060Fh-MPSs

Jain Media Filtration Components

Model #	Part #	DESCRIPTION	Wt (lbs)	L (in)	H (in)	W (in)
Components						
JMCS4	13600004	MF Tnk Stl Coated Sngl Chmbr 48"	470	52	55	52
BW Vlv 4F	33049006	FV&C BW Vlv 4"x4"x4" (1/Tnk)	30	15.5	6.75	8
ALEX-F3	13350103	Alex F3 Controller (1/Sys)	9	8	8	5
ALEX-F4	13350104	Alex F4 Controller(1/Sys)	9	8	8	5
ALEX-F8	13350108	Alex F8 Controller (1/Sys)	9	8	8	5
ALEX-F12	13350112	Alex F12 Controller (1/Sys)	15	13	10	5
ALEX-F16	13350116	Alex F16 Controller (1/Sys)	15	13	10	5
P12D	13350256	Parker 12 VDC Solenoid Kit (1/Tnk)	1.6	4	3	3
P24A	13350254	Parker 24VAC Solenoid Kit (1/Tnk)	1.6	4	3	3
P12L	13350252	Parker 12V Ltch Solenoid kit (1/Tnk)	1.6	4	3	3
MF TOK	33049071	Media Filter Take off Kit (1/Sys)	2.8	12	8	4
STB6x4SS	13350432	MF Mfold Stub 6x4 SS	9	15	10	7
STB8x4SS	13350433	MF Mfold Stub 8x4 SS	12	15	12	9
STB10x4SS	13350434	MF Mfold Stub 10x4 SS	15	15	14	11
GBE6x4SS	33049065	MF Mfold GBE 6x4 SS	25	52	10	7
GBE8x4SS	13350279	MF Mfold GBE 8x4 SS	32	52	12	9
GBE10x4SS	13350273	MF Mfold GBE 10x4 SS	40	52	14	11
MT6x8SS	13350226	MF Mfold T6x8SS	35	22	14	30
MT8x10SS	13350293	MF Mfold T8x10SS	45	23	16	30
MT10x12SS	13350289	MF Mfold T10x12SS	54	24	18	30
XOT8x12	13350286	MF Mfold XoT8x12SS	50	40	15	20
XOT10x14	13350446	MF Mfold XoT10x14SS	80	40	17	22
XOT12x16	13350447	MF Mfold XoT12x16SS	95	40	19	24
EL45 6x2	13350420	MF Mfold EL 45 Vnt 6x2	10	12	11	7
EL45 8x2	13350421	MF Mfold EL 45 Vnt 8x6	15	14	13	9
EL45 10x2	13350422	MF Mfold EL 45 Vnt 10x6	20	15	16	11



BW Vlv 4F



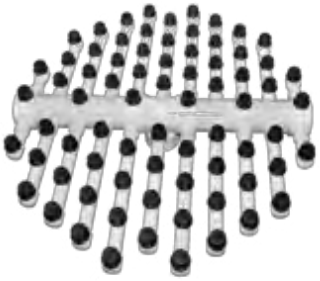
MF TOK Upper



MF TOK Lower



304L Stainless Steel Manifold with Grooved Iron Clamps



MFUD48



MF TOK at Controller

Schumacher IRRIGATION
2019 Nursery Greehouse Catalog
www.schumacherirrigation.com
402-246-3685

Jain Media Filtration Parts

Model #	Part #	DESCRIPTION	Wt (lbs)	L (in)	H (in)	W (in)
Parts						
13350322	GC-2	Clmp Irn Grv 2" cmplt	1.8	5.08	1.85	3.31
13350321	GC-3	Clmp Irn Grv 3" cmplt	2.8	6.46	2.05	5.07
13350320	GC-4	Clmp Irn Grv 4" cmplt	4.1	7.76	2.05	5.71
13350326	GC-6	Clmp Irn Grv 6" cmplt	10.55	2.09	7.87	7.87
13350328	GC-8	Clmp Irn Grv 8" cmplt	12.8	13.27	2.44	10.24
13350329	GC-10	Clmp Irn Grv 10" cmplt	18	13.78	2.56	13.5
13350323	GC-12	Clmp Irn Grv 12" cmplt	23.8	15.75	2.56	15.35
13350324	GC-14	Clmp Irn Grv 14" cmplt	34.5	19.8	2.95	16.23
13350325	GC-16	Clmp Irn Grv 16" cmplt	37	21.85	2.95	18.23
12292009	GN-2P	Ftg PVC SCH80 Adpt PE x Grv 2"	0.34	4	2.5	2.5
12292010	GN-3P	Ftg PVC SCH80 Adpt PE x Grv 3"	0.7	4	3.5	3.5
12292011	GN-4P	Ftg PVC SCH80 Adpt PE x Grv 4"	1	6	4.5	4.5
12292013	GN-6P	Ftg PVC SCH80 Adpt PE x Grv 6"	1.75	6	6.7	6.7
12292014	GN-8P	Ftg PVC SCH80 Adpt PE x Grv 8"	2.7	6	8.7	8.7
12292015	GN-10P	Ftg PVC SCH80 Adpt PE x Grv 10"	4	7.5	10.5	10.5
12292019	GN-12P	Ftg PVC SCH80 Adpt PE x Grv 12"	6	7.5	12.5	12.5
12292021	GN-14P	Ftg PVC SCH80 Adpt PE x Grv 14"	7	8	14	14
12292022	GN-16P	Ftg PVC SCH80 Adpt PE x Grv 16"	10	10	16	16
12292016	GMA-2P	Ftg PVC SCH80 Adpt MIPT x Grv 2"	0.34	4	2.5	2.5
33049186	GP-6P	Ftg PVC End Plate Grv 6" CL100	0.7	6.7	0.7	6.7
33049044	CAP-4P	Ftg PVC Cap fipt 4" CL100	0.75	3	4.5	4.5
33049040	LID-8	MF LID 8" EPX Carbon Steel	6	9	0.4	9
33049038	LID-10	MF LID 10" EPX Carbon Steel	9	11	0.4	11
33049041	LID-G8	MF LID, Gasket 8"	0.25	4	0.4	4
33049042	LID-G10	MF LID, Gasket 10"	0.25	5	0.4	5
33049050	MFST-4	MF Sight Tube 4"	2	12	4.5	4.5
12292050	FPFA-4P	Ftg PVC SCH40 FA 4"	1.2	6	5	5
12292051	FPMA-4P	Ftg PVC SCH40 MA 4"	1.2	6	5	5
12292052	FPTEE-4P	Ftg PVC SCH40 T slip 4"	2.35	9	5	7
12292053	FPEL-4P	Ftg PVC SCH40 EL slip 4"	1.8	7	5	7
12292035	PP-4x46	Pipe PVC IPS CL100 SW 4"	4	46	4.5	4.5
12292036	PP-2x46	Pipe PVC IPS CL100 SW 2"	2.4	46	2.5	2.5
12292043	FPEL-2P	Ftg PVC SCH40 EL slip 2"	0.5	5	2.5	2.5
12292041	FPMA-2P	Ftg PVC Sch40 MA 2"	0.3	2.5	2.5	2.5
13350360	MFSHRM	MF Diffuser	0.07	2.8	2.22	2.22
13350050	MFUD48	MF Underdrain 48" Kit less diffusers	24	44	6	12
13350060	LID-BWK	MF LID, Bolt/Washer Kit (one per hole)	0.25	1	1	1
13350252	LSK-12VDCL	Solar Kit	15	16	18	14
33040022	MF-CMA	MF Controller Mount	2	30	12	2
13350222	MFWR18-7	MF DB Irr Cable 22 AWG 7 (10'/tank) 300'/rool	12	8	6	6
13350223	MFWRC3-18	MF Wire Connector 3-18	0.01	0.25	0.2	0.3
13350490	MFWRCMA	Elec Conduit Ftg MA 1/2"	0.1	0.25	0.30	0.20
13350491	MFWRC	Elec Flex Conduit 1/2" (20'coil)	2	16	4	16
13350491	MFWRCT	Elec Conduit T Junction Box 1/2"	0.2	3	1	2
13350222	MFWRCR	MF Conduit retainer	0.01	1	0.25	1



GC-6



CAP-4P



MFMSHRM



LID-10 / LID-G10 / LIDBWK



MFWRCR



MFWRC3-18



MFWR18-7



LSK-12VDC

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Part #	Model #	Page	Price
12110001	T-015B-150	E-02	$194.03
12110002	T-015B-30	E-02	$194.03
12110003	T-015C-30	E-02	$218.75
12110004	T-015B-200	E-02	$194.03
12110005	T-020B-30	E-03	$218.75
12110006	T-020C-30	E-03	$242.23
12110007	T-015C-150	E-02	$218.75
12110009	T-015C-200	E-02	$218.75
12110012	T-020B-100	E-03	$218.75
12110015	T-020B-150	E-03	$218.75
12110018	T-020B-200	E-03	$218.75
12110021	T-020B-50	E-03	$218.75
12110023	T-020C-100	E-03	$242.23
12110025	T-020C-150	E-03	$242.23
12110027	T-020C-200	E-03	$242.23
12110029	T-020C-50	E-03	$242.23
12110047	T-015C-50	E-02	$218.75
12110052	T-015B-50	E-02	$194.03
12110053	T-015B-100	E-02	$194.03
12110054	T-015C-100	E-02	$218.75
12120001	BB-015/020	E-03	$91.75
12120003	BC-015/020	E-03	$103.22
12120005	GE-015/020	E-03	$5.28
12120011	S-150M	E-03	$147.07
12120013	S-200M	E-03	$147.07
12120015	S-100M	E-03	$147.07
12120016	S-50M	E-03	$147.07
12120017	11/2 & 2-30M	E-03	$160.67
12130450	DCTPL30TWN	E-04	$375.47
12130460	DCTPL50TWN	E-04	$549.66
12292010	GN-3P	E-25	$24.50
12292011	GN-4P	E-25	$27.35
12292013	GN-6P	E-25	$63.14
12292014	GN-8P	E-25	$94.20
12292015	GN-10P	E-25	$129.77
12292016	GMA-2P	E-25	$69.46
12292019	GN-12P	E-25	$201.45
12292021	GN-14P	E-25	$129.53
12292022	GN-16P	E-25	$185.04
12292035	PP-4x46	E-25	$35.87
12292036	PP-2x46	E-25	$10.54

Part #	Model #	Page	Price
12292041	FPMA-2P	E-25	$2.87
12292043	FPEL-2P	E-25	$14.38
12292050	FPFA-4P	E-25	$13.25
12292051	FPMA-4P	E-25	$12.74
12292052	FPTEE-4P	E-25	$33.54
12292053	FPEL-4P	E-25	$22.30
13150001	4E-10-100F	E-11	$16,326.82
13150002	4E-10-150F	E-11	$16,326.82
13150003	4E-10-200F	E-11	$16,326.82
13150004	4E-10-30F	E-11	$16,326.82
13150005	4E-10-50F	E-11	$16,326.82
13150007	4E-12-100F	E-11	$19,028.39
13150008	4E-12-150F	E-11	$19,028.39
13150009	4E-12-200F	E-11	$19,028.39
13150010	4E-12-30F	E-11	$19,028.39
13150011	4E-12-50F	E-11	$19,028.39
13150012	4E-2-100G	E-09	$3,350.39
13150013	4E-2-100F	E-09	$3,527.12

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Part #	Model #	Page	Price
13150016	4E-2-150G	E-09	$3,350.39
13150017	4E-2-150F	E-09	$3,527.12
13150021	4E-2-200G	E-09	$3,350.39
13150022	4E-2-200F	E-09	$3,527.12
13150027	4E-2-30F	E-09	$3,527.12
13150028	4E-2-50G	E-09	$3,350.39
13150029	4E-2-50F	E-09	$3,527.12
13150031	4E-3-100	E-09	$3,810.13
13150032	4E-3-100F	E-09	$3,988.09
13150036	4E-3-150	E-09	$3,810.13
13150037	4E-3-150F	E-09	$3,988.09
13150040	4E-3-200	E-09	$3,810.13
13150041	4E-3-200F	E-09	$3,988.09
13150044	4E-3-30	E-09	$3,810.13
13150045	4E-3-30F	E-09	$3,988.09
13150046	4E-3-50	E-09	$3,810.13
13150047	4E-3-50F	E-09	$3,988.09
13150051	4E-4-100	E-10	$4,122.80
13150052	4E-4-100F	E-09	$4,258.74
13150055	4E-4-150	E-10	$4,122.80
13150056	4E-4-150F	E-09	$4,258.74
13150058	4E-4-200	E-10	$4,122.80
13150059	4E-4-200F	E-09	$4,258.74
13150061	4E-4-30	E-10	$4,122.80
13150062	4E-4-30F	E-09	$4,258.74
13150063	4E-4-50	E-10	$4,122.80
13150064	4E-4-50F	E-09	$4,258.74
13150067	4E-6-100F	E-10	$5,924.67
13150069	4E-6-150F	E-10	$5,924.67
13150071	4E-6-200F	E-10	$5,924.67
13150072	4E-6-30F	E-10	$5,924.67
13150073	4E-6-50F	E-10	$5,924.67
13150075	4E-6HF-100F	E-11	$10,122.85
13150076	4E-6HF-150F	E-11	$10,122.85
13150077	4E-6HF-200F	E-11	$10,122.85
13150078	4E-6HF-30F	E-11	$10,122.85
13150079	4E-6HF-50F	E-11	$10,122.85
13150080	4E-8-100F	E-11	$11,144.90
13150081	4E-8-150F	E-11	$11,144.90
13150082	4E-8-200F	E-11	$11,144.90
13150083	4E-8-30F	E-11	$11,144.90
13150084	4E-8-50F	E-11	$11,144.90
13150086	4E-2-30G	E-09	$3,350.39
13150115	4E-6-30	E-10	$5,924.67
13150116	4E-6-50	E-10	$5,924.67
13150117	4E-6-100	E-10	$5,924.67
13150118	4E-6-150	E-10	$5,924.67
13150119	4E-6-200	E-10	$5,924.67
13170006	FI-40	E-17	$5.61
13170110	SCVP03T-S12P-M	E-04	CALL
13180001	10-100M	E-14	$4,285.93
13180002	10-12-DB	E-16	$3,423.31
13180004	D-IG	E-15	$149.54
13180005	6HF-SPSG	E-16	$1,693.12
13180007	D-OG	E-15	$155.72
13180008	8-SPSG	E-16	$1,118.45
13180010	D-PC	E-15	$160.67
13180011	10-150M	E-14	$4,285.93
13180012	10-200M	E-14	$4,285.93
13180013	10-30M	E-14	$4,285.93
13180014	10-50M	E-14	$4,285.93
13180015	10-SPSG	E-16	$1,663.46
13180016	10-FP	E-15	$58.77
13180017	12-SPSG	E-16	$2,825.16
13180018	10-SP	E-16	$1,672.11
13180020	12-100M	E-14	$4,923.63
13180021	12-150M	E-14	$4,923.63
13180022	12-200M	E-14	$4,923.63
13180023	12-30M	E-14	$4,923.63
13180024	12-50M	E-14	$4,923.63
13180025	12-FP	E-15	$58.77
13180027	12-SP	E-16	$1,919.28
13180030	2-3-100M	E-13	$720.51
13180031	2-3-150M	E-13	$720.51
13180032	2-3-200M	E-13	$720.51
13180033	2-3-30M	E-13	$720.51
13180034	234-BH	E-16	$294.14
13180035	234-DB-CC	E-16	$1,046.77
13180037	A-IG	E-15	$32.36
13180040	A-OG	E-15	$32.36
13180043	A-PC	E-15	$35.28
13180045	2-3-50M	E-13	$720.51

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Part #	Model #	Page	Price
13180049	2-FP	E-15	$7.93
13180051	2-SP	E-16	$341.10
13180053	2-SPSG	E-16	$629.05
13180055	3-FP	E-15	$7.93
13180056	3-SP	E-16	$355.93
13180057	3-SPSG	E-16	$629.05
13180058	4-100M	E-13	$773.65
13180059	4-150M	E-13	$773.65
13180060	4-200M	E-13	$773.65
13180061	4-30M	E-13	$773.65
13180063	4--50M	E-13	$773.65
13180071	4-FP	E-15	$7.93
13180072	SP-4	E-16	$368.29
13180073	4-SPSG	E-16	$671.07
13180077	6-100M	E-13	$1,529.99
13180078	6-150M	E-13	$1,529.99
13180079	6-200M	E-13	$1,529.99
13180080	6-30M	E-13	$1,529.99
13180081	6-50M	E-13	$1,529.99
13180083	6-BH	E-16	$400.42
13180086	6-DB-CC	E-16	$1,227.20
13180087	6-FP	E-15	$15.85
13180088	6HF-100M	E-13	$2,948.74
13180089	6HF-150M	E-13	$2,948.74
13180090	6HF-200M	E-13	$2,948.74
13180091	6HF-30M	E-13	$2,948.74
13180092	6HF-50M	E-13	$2,948.74
13180093	6-HF-FP	E-15	$58.77
13180094	6-HFSP	E-16	$1,863.67
13180095	B-IG	E-15	$40.78
13180097	B-OG	E-15	$44.31
13180100	B-PC	E-15	$38.23
13180102	6-SP	E-16	$412.78
13180103	6-SPSG	E-16	$811.96
13180106	8-100M	E-13	$3,223.10
13180108	8-150M	E-13	$3,223.10
13180109	8-200M	E-13	$3,223.10
13180110	8-30M	E-13	$3,223.10
13180111	8-50M	E-13	$3,223.10
13180114	8-DB	E-16	$1,788.28
13180116	8-FP	E-15	$58.77

Part #	Model #	Page	Price
13180118	C-IG	E-15	$110.56
13180121	C-OG	E-15	$118.86
13180124	C-PC	E-15	$101.40
13180126	8-SP	E-16	$609.28
13180150	A130-PC	E-15	$88.19
13180151	FI-1300	E-17	$5.88
13180152	FI-950	E-17	$5.88
13180153	FI-550	E-17	$5.88
13180154	FI-350	E-17	$5.88
13180155	FI-225	E-17	$5.88
13180156	FI-130	E-17	$5.88
13280002	3-WAY KIT	E-17	$245.94
13280020	4E-APK	E-16	$3,588.78
13350050	MFUD48	E-25	$405.00
13350060	LID-BWK	E-25	$4.00
13350103	ALEX-F3	E-24	$3,361.52
13350104	ALEX-F4	E-24	$3,836.08
13350108	ALEX-F8	E-24	$4,339.07
13350112	ALEX-F12	E-24	$5,304.27
13350116	ALEX-F16	E-24	$6,092.75
13350222	MFWR18-7	E-25	$0.99
13350222	MFWRCR	E-25	$0.99
13350223	MFWRC3-18	E-25	$0.74
13350226	MT6x8SS	E-24	$2,215.82
13350252	P12L	E-24	$795.89
13350252	LSK-12VDCL	E-25	$795.89
13350254	P24A	E-24	$685.90
13350256	P12D	E-24	$795.89

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13350273	GBE10x4SS	E-24	$0.00
13350279	GBE8x4SS	E-24	$0.00
13350286	XOT8x12	E-24	$0.00
13350289	MT10x12SS	E-24	$0.00
13350293	MT8x10SS	E-24	$0.00
13350320	GC-4	E-25	$36.42
13350321	GC-3	E-25	$28.46
13350322	GC-2	E-25	$39.80
13350323	GC-12	E-25	$226.21
13350324	GC-14	E-25	$395.25
13350325	GC-16	E-25	$481.48
13350326	GC-6	E-25	$63.43
13350328	GC-8	E-25	$104.03
13350329	GC-10	E-25	$273.13
13350360	MFSHRM	E-25	$0.00
13350420	EL45 6x2	E-24	$423.93
13350421	EL45 8x2	E-24	$525.81
13350422	EL45 10x2	E-24	$667.69
13350432	STB6x4SS	E-24	$373.27
13350433	STB8x4SS	E-24	$468.68
13350434	STB10x4SS	E-24	$624.71
13350446	XOT10x14	E-24	$2,219.42
13350447	XOT12x16	E-24	$2,661.94
13350490	MFWRCMA	E-25	$1.85
13350491	MFWRCT	E-25	$10.54
13350500	MF FK2E6	E-22	$923.00
13350501	MF FK3E6	E-22	$1,046.00
13350502	MF FK4E8	E-22	$1,169.00
13350503	MF FK5T10	E-22	$1,292.00
13350504	MF FK6T10	E-22	$1,414.00
13350505	MF FK7H12	E-22	$1,604.00
13350506	MF FK8H12	E-22	$1,727.00
13350507	MF FK9H14	E-22	$1,850.00
13350508	MF FK10H14	E-22	$1,972.00
13350509	MF FK11H12	E-22	$2,095.00
13350510	MF FK12H12	E-22	$2,218.00
13350520	MF WK2E6	E-22	$126.00
13350521	MF WK3E6	E-22	$194.00
13350522	MF WK4E8	E-22	$262.00
13350523	MF WK4T10	E-22	$252.00
13350524	MF WK5T10	E-22	$316.00

Part #	Model #	Page	Price
13350525	MF WK6T10	E-22	$381.00
13350526	MF WK7H12	E-22	$437.00
13350527	MF WK8H12	E-22	$501.00
13350528	MF WK9H14	E-22	$565.00
13350529	MF WK10H14	E-22	$630.00
13350530	MF WK11H14	E-22	$694.00
13350531	MF WK12H14	E-22	$758.00
13350540	MF VRK E6	E-22	$3,252.00
13350541	MF VRK E8	E-22	$3,735.00
13350542	MF VRK T	E-22	$2,885.00
13350543	MF VRK H	E-22	$5,770.00
13350550	MF PSK E6	E-22	$1,302.00
13350551	MF PSK E8	E-22	$3,778.00
13350552	MF PSK T10	E-22	$5,961.00
13350553	MF PSK H12	E-22	$43,425.00
13350554	MF PSK H14	E-22	$43,425.00
13600004	JMCS4	E-24	$2,747.86
33040022	MF-CMA	E-25	$516.54
33049006	BW Vlv 4F	E-24	$973.60
33049038	LID-10	E-25	$216.28

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33049040	LID-8	E-25	$216.28
33049041	LID-G8	E-25	$787.24
33049042	LID-G10	E-25	$0.00
33049044	CAP-4P	E-25	$0.00
33049050	MFST-4	E-25	$637.70
33049065	GBE6x4SS	E-24	$0.00
33049071	MF TOK	E-24	$419.44
33049186	GP-6P	E-25	$38.54
33080500	TF02D	E-26	$943.74
33080501	TF02DE	E-26	$0.00
33080510	TF02A	E-26	$998.31
33080511	TF02AE	E-26	$0.00
72110031	T-100M	E-02	$7.87
72110032	T-150M	E-02	$7.87
72110033	T-200M	E-02	$9.84
72110035	T-50M	E-02	$7.87
72120017	11/2" & 2"-30M	E-08	$163.88
72130070	4E-3/4A-100	E-06	$36.14
72130071	4E-3/4A-150	E-06	$36.14
72130072	4E-3/4A-200	E-06	$36.14
72130073	4E-3/4A-30	E-06	$36.14
72130074	4E-3/4A-50	E-06	$36.14
72130076	4E-3/4B-100	E-06	$42.42
72130077	4E-3/4B-150	E-06	$42.42
72130078	4E-3/4B-200	E-06	$42.42
72130079	4E-3/4B-30	E-06	$42.42
72130080	4E-3/4B-50	E-06	$42.42
72130082	4E-3/4T-100	E-02	$10.62
72130084	4E-3/4T-150	E-02	$10.92
72130086	4E-3/4T-200	E-02	$12.67
72130088	4E-3/4T-50	E-02	$10.62
72130090	4EH-11/2-100	E-07	$403.39
72130091	4EH-11/2-150	E-07	$403.39
72130092	4EH-11/2-200	E-07	$403.39
72130093	4EH-11/2-30	E-07	$403.39
72130094	4EH-11/2-50	E-07	$403.39
72130105	4EH-2P-100	E-07	$443.72
72130106	4EH-2P-150	E-07	$443.72
72130107	4EH-2P-200	E-07	$443.72
72130108	4EH-2P-30	E-07	$443.72
72130109	4EH-2P-50	E-07	$443.72

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72130110	4EH-3/4A-100	E-06	$50.78
72130111	4EH-3/4A-150	E-06	$50.78
72130112	4EH-3/4A-200	E-06	$50.78
72130113	4EH-3/4A-30	E-06	$50.78
72130114	4EH-3/4A-50	E-06	$50.78
72130115	4EH-3/4B-100	E-06	$57.42
72130116	4EH-3/4B-150	E-06	$57.42
72130117	4EH-3/4B-200	E-06	$57.42
72130118	4EH-3/4B-30	E-06	$57.42
72130119	4EH-3/4B-50	E-06	$57.42
72130171	4E-1AN-30	E-06	$35.77
72130173	4E-1AN-50	E-06	$35.77
72130175	4E-1AN-100	E-06	$35.77
72130177	4E-1AN-150	E-06	$35.77
72130179	4E-1AN-200	E-06	$35.77
72130181	4E-1BN-30	E-06	$43.54
72130183	4E-1BN-50	E-06	$43.54
72130185	4E-1BN-100	E-06	$43.54
72130187	4E-1BN-150	E-06	$43.54
72130189	4E-1BN-200	E-06	$43.54
72130191	4EH-1AN-30	E-07	$56.97
72130193	4EH-1AN-50	E-07	$56.97
72130195	4EH-1AN-100	E-07	$56.97
72130197	4EH-1AN-150	E-07	$56.97
72130199	4EH-1AN-200	E-07	$56.97
72130201	4EH-1BN-30	E-07	$61.41
72130203	4EH-1BN-50	E-07	$61.41
72130205	4EH-1BN-100	E-07	$61.41
72130207	4EH-1BN-150	E-07	$61.41
72130209	4EH-1BN-200	E-07	$61.41
72130300	JF-075-50	E-05	$16.87
72130301	JF-075-100	E-05	$17.72
72130302	JF-075-150	E-05	$16.87
72130303	JF-075-200	E-05	$17.72
72130310	JF-100-50	E-05	$17.42
72130311	JF-100-100	E-05	$18.30
72130312	JF-100-150	E-05	$17.42
72130313	JF-100-200	E-05	$18.30
72130322	JFFV-075-150	E-05	$24.70
72130332	JFFV-100-150	E-05	$24.70
72130400	RSS50	E-05	$10.70

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72130401	RSS100	E-05	$10.70
72130402	RSS150	E-05	$10.20
72130403	RSS200	E-05	$10.70
72140001	3/4-SP	E-08	$5.57
72140002	1-SP	E-08	$5.85
72140007	11/2 & 2-DB-H	E-08	$70.06
72140008	11/2 & 2-Ring	E-08	$5.38
72140013	11/2-SP	E-08	$22.94
72140029	2-SP	E-08	$25.75
72140031	3/4"&1"-100M	E-08	$22.18
72140032	3/4"&1"-150M	E-08	$22.18
72140034	3/4"&1"-200M	E-08	$22.18
72140035	3/4"&1"-30M	E-08	$22.18
72140036	3/4"&1"-50M	E-08	$22.18
72140037	3/4 & 1-Ring	E-08	$2.68
72140038	3/4 &1-DB	E-08	$22.25
72140044	Wrench	E-08	$42.02
72140045	11/2" & 2"-100M	E-08	$226.54
72140046	11/2" & 2"-150M	E-08	$226.54
72140047	11/2" & 2"-200M	E-08	$226.54
72140049	11/2" & 2"-50M	E-08	$226.54
72140058	11/2-SP-3	E-08	$25.75
72140059	11/2-SP-2	E-08	$25.75
72140060	2-SP-2	E-08	$25.75
72140061	2-SP-3	E-08	$25.75
72500488	PIF	E-02	$9.87
72501097	PIF5	E-02	$5.34
1364026136	MFS-4802-06E-F3P12D	E-20	$9,339.50
1364036136	MFS-4803-06E-F3P12D	E-20	$13,629.66
1364038136	MFS-4804-08E-F4P12D	E-20	$13,747.36
1364040236	MFS-4804-10T-F4P12D	E-20	$26,101.00
1364050236	MFS-4805-10T-F8P12D	E-20	$33,032.00
1364060236	MFS-4806-10T-F8P12D	E-20	$27,424.10
1364070236	MFS-4807-12H-F8P12D	E-20	$49,224.00
1364080236	MFS-4808-12H-F8P12D	E-20	$54,688.00
1364090236	MFS-4809-14H-F12P12D	E-20	$67,904.00
1364100236	MFS-4810-14H-F12P12D	E-20	$73,921.00
1364110236	MFS-4811-14H-F12P12D	E-20	$79,937.00
1364120236	MFS-4812-14H-F12P12D	E-20	$85,953.00

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E-02	T-015B-150	12110001	$194.03
E-02	T-015B-30	12110002	$194.03
E-02	T-015C-30	12110003	$218.75
E-02	T-015B-200	12110004	$194.03
E-02	T-015C-150	12110007	$218.75
E-02	T-015C-200	12110009	$218.75
E-02	T-015C-50	12110047	$218.75
E-02	T-015B-50	12110052	$194.03
E-02	T-015B-100	12110053	$194.03
E-02	T-015C-100	12110054	$218.75
E-02	T-100M	72110031	$7.87
E-02	T-150M	72110032	$7.87
E-02	T-200M	72110033	$9.84
E-02	T-50M	72110035	$7.87
E-02	4E-3/4T-100	72130082	$10.62
E-02	4E-3/4T-150	72130084	$10.92
E-02	4E-3/4T-200	72130086	$12.67
E-02	4E-3/4T-50	72130088	$10.62
E-02	PIF	72500488	$9.87
E-02	PIF5	72501097	$5.34
E-03	T-020B-30	12110005	$218.75
E-03	T-020C-30	12110006	$242.23
E-03	T-020B-100	12110012	$218.75
E-03	T-020B-150	12110015	$218.75
E-03	T-020B-200	12110018	$218.75
E-03	T-020B-50	12110021	$218.75
E-03	T-020C-100	12110023	$242.23
E-03	T-020C-150	12110025	$242.23
E-03	T-020C-200	12110027	$242.23
E-03	T-020C-50	12110029	$242.23
E-03	BB-015/020	12120001	$91.75
E-03	BC-015/020	12120003	$103.22
E-03	GE-015/020	12120005	$5.28
E-03	S-150M	12120011	$147.07
E-03	S-200M	12120013	$147.07
E-03	S-100M	12120015	$147.07
E-03	S-50M	12120016	$147.07
E-03	11/2 & 2-30M	12120017	$160.67
E-04	DCTPL30TWN	12130450	$375.47
E-04	DCTPL50TWN	12130460	$549.66
E-04	SCVP03T-S12P-M	13170110	CALL

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E-05	JF-075-50	72130300	$16.87
E-05	JF-075-100	72130301	$17.72
E-05	JF-075-150	72130302	$16.87
E-05	JF-075-200	72130303	$17.72
E-05	JF-100-50	72130310	$17.42
E-05	JF-100-100	72130311	$18.30
E-05	JF-100-150	72130312	$17.42
E-05	JF-100-200	72130313	$18.30
E-05	JFFV-075-150	72130322	$24.70
E-05	JFFV-100-150	72130332	$24.70
E-05	RSS50	72130400	$10.70
E-05	RSS100	72130401	$10.70
E-05	RSS150	72130402	$10.20
E-05	RSS200	72130403	$10.70
E-06	4E-3/4A-100	72130070	$36.14
E-06	4E-3/4A-150	72130071	$36.14
E-06	4E-3/4A-200	72130072	$36.14
E-06	4E-3/4A-30	72130073	$36.14
E-06	4E-3/4A-50	72130074	$36.14
E-06	4E-3/4B-100	72130076	$42.42
E-06	4E-3/4B-150	72130077	$42.42
E-06	4E-3/4B-200	72130078	$42.42
E-06	4E-3/4B-30	72130079	$42.42
E-06	4E-3/4B-50	72130080	$42.42
E-06	4EH-3/4A-100	72130110	$50.78
E-06	4EH-3/4A-150	72130111	$50.78
E-06	4EH-3/4A-200	72130112	$50.78
E-06	4EH-3/4A-30	72130113	$50.78
E-06	4EH-3/4A-50	72130114	$50.78
E-06	4EH-3/4B-100	72130115	$57.42
E-06	4EH-3/4B-150	72130116	$57.42
E-06	4EH-3/4B-200	72130117	$57.42
E-06	4EH-3/4B-30	72130118	$57.42
E-06	4EH-3/4B-50	72130119	$57.42
E-06	4E-1AN-30	72130171	$35.77
E-06	4E-1AN-50	72130173	$35.77
E-06	4E-1AN-100	72130175	$35.77
E-06	4E-1AN-150	72130177	$35.77
E-06	4E-1AN-200	72130179	$35.77
E-06	4E-1BN-30	72130181	$43.54
E-06	4E-1BN-50	72130183	$43.54

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E-06	4E-1BN-100	72130185	$43.54
E-06	4E-1BN-150	72130187	$43.54
E-06	4E-1BN-200	72130189	$43.54
E-07	4EH-11/2-100	72130090	$403.39
E-07	4EH-11/2-150	72130091	$403.39
E-07	4EH-11/2-200	72130092	$403.39
E-07	4EH-11/2-30	72130093	$403.39
E-07	4EH-11/2-50	72130094	$403.39
E-07	4EH-2P-100	72130105	$443.72
E-07	4EH-2P-150	72130106	$443.72
E-07	4EH-2P-200	72130107	$443.72
E-07	4EH-2P-30	72130108	$443.72
E-07	4EH-2P-50	72130109	$443.72
E-07	4EH-1AN-30	72130191	$56.97
E-07	4EH-1AN-50	72130193	$56.97
E-07	4EH-1AN-100	72130195	$56.97
E-07	4EH-1AN-150	72130197	$56.97
E-07	4EH-1AN-200	72130199	$56.97
E-07	4EH-1BN-30	72130201	$61.41
E-07	4EH-1BN-50	72130203	$61.41
E-07	4EH-1BN-100	72130205	$61.41
E-07	4EH-1BN-150	72130207	$61.41
E-07	4EH-1BN-200	72130209	$61.41
E-08	11/2" & 2"-30M	72120017	$163.88
E-08	3/4-SP	72140001	$5.57
E-08	1-SP	72140002	$5.85
E-08	11/2 & 2-DB-H	72140007	$70.06
E-08	11/2 & 2-Ring	72140008	$5.38
E-08	11/2-SP	72140013	$22.94
E-08	2-SP	72140029	$25.75
E-08	3/4"&1"-100M	72140031	$22.18
E-08	3/4"&1"-150M	72140032	$22.18
E-08	3/4"&1"-200M	72140034	$22.18
E-08	3/4"&1"-30M	72140035	$22.18
E-08	3/4"&1"-50M	72140036	$22.18
E-08	3/4 & 1-Ring	72140037	$2.68
E-08	3/4 &1-DB	72140038	$22.25
E-08	Wrench	72140044	$42.02
E-08	11/2" & 2"-100M	72140045	$226.54
E-08	11/2" & 2"-150M	72140046	$226.54
E-08	11/2" & 2"-200M	72140047	$226.54

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E-08	11/2" & 2"-50M	72140049	$226.54
E-08	11/2-SP-3	72140058	$25.75
E-08	11/2-SP-2	72140059	$25.75
E-08	2-SP-2	72140060	$25.75
E-08	2-SP-3	72140061	$25.75
E-09	4E-2-100G	13150012	$3,350.39
E-09	4E-2-100F	13150013	$3,527.12
E-09	4E-2-150G	13150016	$3,350.39
E-09	4E-2-150F	13150017	$3,527.12
E-09	4E-2-200G	13150021	$3,350.39
E-09	4E-2-200F	13150022	$3,527.12
E-09	4E-2-30F	13150027	$3,527.12
E-09	4E-2-50G	13150028	$3,350.39
E-09	4E-2-50F	13150029	$3,527.12
E-09	4E-3-100	13150031	$3,810.13
E-09	4E-3-100F	13150032	$3,988.09
E-09	4E-3-150	13150036	$3,810.13
E-09	4E-3-150F	13150037	$3,988.09
E-09	4E-3-200	13150040	$3,810.13
E-09	4E-3-200F	13150041	$3,988.09
E-09	4E-3-30	13150044	$3,810.13
E-09	4E-3-30F	13150045	$3,988.09
E-09	4E-3-50	13150046	$3,810.13
E-09	4E-3-50F	13150047	$3,988.09
E-09	4E-4-100F	13150052	$4,258.74
E-09	4E-4-150F	13150056	$4,258.74
E-09	4E-4-200F	13150059	$4,258.74
E-09	4E-4-30F	13150062	$4,258.74
E-09	4E-4-50F	13150064	$4,258.74
E-09	4E-2-30G	13150086	$3,350.39
E-10	4E-4-100	13150051	$4,122.80
E-10	4E-4-150	13150055	$4,122.80
E-10	4E-4-200	13150058	$4,122.80
E-10	4E-4-30	13150061	$4,122.80
E-10	4E-4-50	13150063	$4,122.80
E-10	4E-6-100F	13150067	$5,924.67
E-10	4E-6-150F	13150069	$5,924.67
E-10	4E-6-200F	13150071	$5,924.67
E-10	4E-6-30F	13150072	$5,924.67
E-10	4E-6-50F	13150073	$5,924.67
E-10	4E-6-30	13150115	$5,924.67

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E-10	4E-6-50	13150116	$5,924.67
E-10	4E-6-100	13150117	$5,924.67
E-10	4E-6-150	13150118	$5,924.67
E-10	4E-6-200	13150119	$5,924.67
E-11	4E-10-100F	13150001	$16,326.82
E-11	4E-10-150F	13150002	$16,326.82
E-11	4E-10-200F	13150003	$16,326.82
E-11	4E-10-30F	13150004	$16,326.82
E-11	4E-10-50F	13150005	$16,326.82
E-11	4E-12-100F	13150007	$19,028.39
E-11	4E-12-150F	13150008	$19,028.39
E-11	4E-12-200F	13150009	$19,028.39
E-11	4E-12-30F	13150010	$19,028.39
E-11	4E-12-50F	13150011	$19,028.39
E-11	4E-6HF-100F	13150075	$10,122.85
E-11	4E-6HF-150F	13150076	$10,122.85
E-11	4E-6HF-200F	13150077	$10,122.85
E-11	4E-6HF-30F	13150078	$10,122.85
E-11	4E-6HF-50F	13150079	$10,122.85
E-11	4E-8-100F	13150080	$11,144.90
E-11	4E-8-150F	13150081	$11,144.90
E-11	4E-8-200F	13150082	$11,144.90
E-11	4E-8-30F	13150083	$11,144.90
E-11	4E-8-50F	13150084	$11,144.90
E-13	2-3-100M	13180030	$720.51
E-13	2-3-150M	13180031	$720.51
E-13	2-3-200M	13180032	$720.51
E-13	2-3-30M	13180033	$720.51
E-13	2-3-50M	13180045	$720.51
E-13	4-100M	13180058	$773.65
E-13	4-150M	13180059	$773.65
E-13	4-200M	13180060	$773.65
E-13	4-30M	13180061	$773.65
E-13	4--50M	13180063	$773.65
E-13	6-100M	13180077	$1,529.99
E-13	6-150M	13180078	$1,529.99
E-13	6-200M	13180079	$1,529.99
E-13	6-30M	13180080	$1,529.99
E-13	6-50M	13180081	$1,529.99
E-13	6HF-100M	13180088	$2,948.74
E-13	6HF-150M	13180089	$2,948.74

Page	Model #	Part #	Price
E-13	6HF-200M	13180090	$2,948.74
E-13	6HF-30M	13180091	$2,948.74
E-13	6HF-50M	13180092	$2,948.74
E-13	8-100M	13180106	$3,223.10
E-13	8-150M	13180108	$3,223.10
E-13	8-200M	13180109	$3,223.10
E-13	8-30M	13180110	$3,223.10
E-13	8-50M	13180111	$3,223.10
E-14	10-100M	13180001	$4,285.93
E-14	10-150M	13180011	$4,285.93
E-14	10-200M	13180012	$4,285.93
E-14	10-30M	13180013	$4,285.93
E-14	10-50M	13180014	$4,285.93
E-14	12-100M	13180020	$4,923.63
E-14	12-150M	13180021	$4,923.63
E-14	12-200M	13180022	$4,923.63
E-14	12-30M	13180023	$4,923.63
E-14	12-50M	13180024	$4,923.63
E-15	D-IG	13180004	$149.54
E-15	D-OG	13180007	$155.72
E-15	D-PC	13180010	$160.67
E-15	10-FP	13180016	$58.77
E-15	12-FP	13180025	$58.77
E-15	A-IG	13180037	$32.36
E-15	A-OG	13180040	$32.36
E-15	A-PC	13180043	$35.28
E-15	2-FP	13180049	$7.93
E-15	3-FP	13180055	$7.93
E-15	4-FP	13180071	$7.93
E-15	6-FP	13180087	$15.85
E-15	6-HF-FP	13180093	$58.77
E-15	B-IG	13180095	$40.78
E-15	B-OG	13180097	$44.31
E-15	B-PC	13180100	$38.23
E-15	8-FP	13180116	$58.77
E-15	C-IG	13180118	$110.56
E-15	C-OG	13180121	$118.86
E-15	C-PC	13180124	$101.40
E-15	A130-PC	13180150	$88.19
E-16	10-12-DB	13180002	$3,423.31
E-16	6HF-SPSG	13180005	$1,693.12

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E-16	8-SPSG	13180008	$1,118.45
E-16	10-SPSG	13180015	$1,663.46
E-16	12-SPSG	13180017	$2,825.16
E-16	10-SP	13180018	$1,672.11
E-16	12-SP	13180027	$1,919.28
E-16	234-BH	13180034	$294.14
E-16	234-DB-CC	13180035	$1,046.77
E-16	2-SP	13180051	$341.10
E-16	2-SPSG	13180053	$629.05
E-16	3-SP	13180056	$355.93
E-16	3-SPSG	13180057	$629.05
E-16	SP-4	13180072	$368.29
E-16	4-SPSG	13180073	$671.07
E-16	6-BH	13180083	$400.42
E-16	6-DB-CC	13180086	$1,227.20
E-16	6-HFSP	13180094	$1,863.67
E-16	6-SP	13180102	$412.78
E-16	6-SPSG	13180103	$811.96
E-16	8-DB	13180114	$1,788.28
E-16	8-SP	13180126	$609.28
E-16	4E-APK	13280020	$3,588.78
E-17	FI-40	13170006	$5.61
E-17	FI-1300	13180151	$5.88
E-17	FI-950	13180152	$5.88
E-17	FI-550	13180153	$5.88
E-17	FI-350	13180154	$5.88
E-17	FI-225	13180155	$5.88
E-17	FI-130	13180156	$5.88
E-17	3-WAY KIT	13280002	$245.94
E-20	MFS-4802-06E-F3P12D	1364026136	$9,339.50
E-20	MFS-4803-06E-F3P12D	1364036136	$13,629.66
E-20	MFS-4804-08E-F4P12D	1364038136	$13,747.36
E-20	MFS-4804-10T-F4P12D	1364040236	$26,015.00
E-20	MFS-4805-10T-F8P12D	1364050236	$26,101.00
E-20	MFS-4806-10T-F8P12D	1364060236	$27,424.10
E-20	MFS-4807-12H-F8P12D	1364070236	$49,224.00
E-20	MFS-4808-12H-F8P12D	1364080236	$54,688.00
E-20	MFS-4809-14H-F12P12D	1364090236	$67,904.00
E-20	MFS-4810-14H-F12P12D	1364100236	$73,921.00
E-20	MFS-4811-14H-F12P12D	1364110236	$79,937.00
E-20	MFS-4812-14H-F12P12D	1364120236	$85,953.00

Page	Model #	Part #	Price
E-22	MF FK2E6	13350500	$923.00
E-22	MF FK3E6	13350501	$1,046.00
E-22	MF FK4E8	13350502	$1,169.00
E-22	MF FK5T10	13350503	$1,292.00
E-22	MF FK6T10	13350504	$1,414.00
E-22	MF FK7H12	13350505	$1,604.00
E-22	MF FK8H12	13350506	$1,727.00
E-22	MF FK9H14	13350507	$1,850.00
E-22	MF FK10H14	13350508	$1,972.00
E-22	MF FK11H12	13350509	$2,095.00
E-22	MF FK12H12	13350510	$2,218.00
E-22	MF WK2E6	13350520	$126.00
E-22	MF WK3E6	13350521	$194.00
E-22	MF WK4E8	13350522	$262.00
E-22	MF WK4T10	13350523	$252.00
E-22	MF WK5T10	13350524	$316.00
E-22	MF WK6T10	13350525	$381.00
E-22	MF WK7H12	13350526	$437.00
E-22	MF WK8H12	13350527	$501.00
E-22	MF WK9H14	13350528	$565.00
E-22	MF WK10H14	13350529	$630.00
E-22	MF WK11H14	13350530	$694.00
E-22	MF WK12H14	13350531	$758.00
E-22	MF VRK E6	13350540	$3,252.00
E-22	MF VRK E8	13350541	$3,735.00
E-22	MF VRK T	13350542	$2,885.00
E-22	MF VRK H	13350543	$5,770.00
E-22	MF PSK E6	13350550	$1,302.00
E-22	MF PSK E8	13350551	$3,778.00
E-22	MF PSK T10	13350552	$5,961.00
E-22	MF PSK H12	13350553	$11,148.00
E-22	MF PSK H14	13350554	$14,487.00
E-24	ALEX-F3	13350103	$3,361.52
E-24	ALEX-F4	13350104	$3,836.08
E-24	ALEX-F8	13350108	$4,339.07
E-24	ALEX-F12	13350112	$5,304.27
E-24	ALEX-F16	13350116	$6,092.75
E-24	MT6x8SS	13350226	$2,215.82
E-24	P12L	13350252	$795.89
E-24	P24A	13350254	$685.90
E-24	P12D	13350256	$795.89

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E-24	GBE10x4SS	13350273	$1,126.50
E-24	GBE8x4SS	13350279	$816.41
E-24	XOT8x12	13350286	$1,630.07
E-24	MT10x12SS	13350289	$1,799.16
E-24	MT8x10SS	13350293	$1,456.76
E-24	EL45 6x2	13350420	$423.93
E-24	EL45 8x2	13350421	$525.81
E-24	EL45 10x2	13350422	$667.69
E-24	STB6x4SS	13350432	$0.00
E-24	STB8x4SS	13350433	$0.00
E-24	STB10x4SS	13350434	$0.00
E-24	XOT10x14	13350446	$0.00
E-24	XOT12x16	13350447	$0.00
E-24	JMCS4	13600004	$0.00
E-24	BW Vlv 4F	33049006	$973.60
E-24	GBE6x4SS	33049065	$0.00
E-24	MF TOK	33049071	$419.44
E-25	GN-2P	12292009	$18.80
E-25	GN-3P	12292010	$24.50
E-25	GN-4P	12292011	$27.35
E-25	GN-6P	12292013	$63.14
E-25	GN-8P	12292014	$94.20
E-25	GN-10P	12292015	$129.77
E-25	GMA-2P	12292016	$69.46
E-25	GN-12P	12292019	$201.45
E-25	GN-14P	12292021	$129.53
E-25	GN-16P	12292022	$185.04
E-25	PP-4x46	12292035	$35.87
E-25	PP-2x46	12292036	$10.54
E-25	FPMA-2P	12292041	$2.87
E-25	FPEL-2P	12292043	$14.38
E-25	FPFA-4P	12292050	$13.25
E-25	FPMA-4P	12292051	$12.74
E-25	FPTEE-4P	12292052	$33.54
E-25	FPEL-4P	12292053	$22.30
E-25	MFUD48	13350050	$405.00
E-25	LID-BWK	13350060	$4.00
E-25	MFWR18-7	13350222	$0.99
E-25	MFWRCR	13350222	$0.99
E-25	MFWRC3-18	13350223	$0.74
E-25	LSK-12VDCL	13350252	$795.89

Page	Model #	Part #	Price
E-25	GC-4	13350320	$36.42
E-25	GC-3	13350321	$28.46
E-25	GC-2	13350322	$39.80
E-25	GC-12	13350323	$226.21
E-25	GC-14	13350324	$395.25
E-25	GC-16	13350325	$481.48
E-25	GC-6	13350326	$63.43
E-25	GC-8	13350328	$104.03
E-25	GC-10	13350329	$273.13
E-25	MFSHRM	13350360	$27.00
E-25	MFWRCMA	13350490	$1.85
E-25	MFWRC	13350491	$1.21
E-25	MFWRCT	13350491	$10.54
E-25	MF-CMA	33040022	$516.54
E-25	LID-10	33049038	$216.28
E-25	LID-8	33049040	$216.28
E-25	LID-G8	33049041	$787.24
E-25	LID-G10	33049042	$0.00
E-25	CAP-4P	33049044	$0.00
E-25	MFST-4	33049050	$637.70
E-25	GP-6P	33049186	$38.54



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2002 AquaSmart Pressure Compensating Sprinkler

2002 AquaSmart PC Ordering Guide

Series #	Swivel		Base		Nozzle		Tube Length		Stake	
165	1	Red Swivel***	1	Female	4	Violet (5.3 GPH)	0	No Tube	0	No Stake
	2	Blue Swivel	2	Barb****	9	Gray (7.4 GPH)	1	24"	5	Stake 37 - Red **
	3	Black Swivel	4	3/8"	0	Brown (9.3 GPH)	2	30" **		
	4	Orange Swivel	6	Quick Thread **	3	Blue (12.5 GPH)	3	36"		
	5	Inv Green Swivel *			2	Green (14.5 GPH)	4	48"		
	6	Two Stage Red Swivel with deflector			5	Orange (18.5 GPH)	5	60"		
	7	Two Stage Blue Swivel with deflector			6	Yellow (25.1 GPH)	6	72"		
	8	Two Stage Black Swivel with deflector			7	Red XL (9.3 GPH)				
					8	Black XL (10.5 GPH)				
					1	Ivory XL (12.4 GPH)				
Eg: 165	2		6		2		2		5	

Catalog Number: 165 2 6 2 2 5

Description: Complete 2002 Assembly with a Blue Swivel, Quick Thread Base, Green Nozzle on a 30" Tube Length, and a Red Stake 37.

* With spring loaded bearing ,

** Standard configuration

*** Red XL (extra long range) swivels to be used only with black, Ivory and red nozzles

***Used with Vinyl leads

Note: Barbed bases use PVC tubing, threaded bases use PE Tubing.

2002 AquaSmart Performance Table

Nozzle Color	Nominal Flow (GPH)	Nozzle Diameter (inches)	Swivels — Wetted Diameter (ft)							
			Orange	Black		Blue		Green	Red	
			Short Range	Medium Range w/ Deflector	Medium Range	Long Range w/ Deflector	Long Range	Inverted*	Extra Long Range w/ Deflector	Extra Long Range
										
Violet	5.3	0.033	9.8	4.9	11.4					
Gray	7.4	0.039	9.8	6.6	13.0	4.9	14.7	16.4		
Brown	9.3	0.043	11.5	8.2	13.0	6.6	16.5	16.4		
Blue	12.5	0.049	11.5	8.2	14.7	6.6	18.0	16.4		
Green	14.5	0.052	11.5	8.2	14.7	6.6	19.7	16.4		
Orange	18.5	0.058		8.2	16.5	8.2	23.0	16.4		
Yellow	25.1	0.069		9.8	18.0	9.8	24.6	16.4		
Red XL	9.3	0.037							3.3	23.0
Black XL	10.5	0.039							4.9	23.0
Ivory XL	12.4	0.043							6.6	23.0

Operating Pressure Range; Standard Nozzles: 20–60 PSI

Operating pressure XL Nozzles 25–60 PSI

Tested at 10" above ground at 30 PSI

*Inverted Swivel tested at 24" above ground

2002 AquaSmart Pressure Compensating Sprinkler

Model #	Part #	Description	Box Qty	Pallet Qty	Stock Code
2002 Aquasmart Pressure Compensating Sprinklers					
		2002 Head Only (excludes inverted)	350		Call
2002 Assemblies with PE Tubing					
		24" Tube Length	150		MTO
		30" Tube Length (standard)	150	4200	
		36" Tube Length	150		MTO
		48" Tube Length	100		MTO
		60" Tube Length	100		MTO



Model #	Part #	Description	Bag Qt.	Box Qty	Box Code	Stock Code
2002 Nozzles						
2002-VT-NZ	11915104	Violet (5.3 GPH)	100			MTO
2002-GY-NZ	11915109	Gray (7.4 GPH)	100			MTO
2002-RD-NZ	11915107	Red XL (9.3 GPH)	100			MTO
2002-BN-NZ	11915100	Brown (9.3 GPH)	100			MTO
2002-BK-NZ	11915108	Black XL (10.4 GPH)	100			MTO
2002-BE-NZ	11915103	Blue (12.5 GPH)	100			MTO
2002-IY-NZ	11915001	Ivory XL (12.4 GPH)	100			MTO
2002-GN-NZ	11915102	Green (14.5 GPH)	100			MTO
2002-OE-NZ	11915105	Orange (18.5 GPH)	100			MTO
2002-YW-NZ	11915106	Yellow (25.1 GPH)	100			MTO
2002 Swivels						
2002-BK-1S	17016208	Black	100			MTO
2002-BE-1S	17016203	Blue	100			
2002-RD-1S	17016207	Red	100			
2002-GN-INV	17016202	Green, Inverted	100			MTO
2002-OE-1S	17016215	Orange	100			MTO
2002-BK-2S	17016218	Black, 2-stage with deflector	100			MTO
2002-BE-2S	17016213	Blue, 2-stage with deflector	100			
2002-RD-2S	17016217	Red, 2-stage with deflector	100			MTO
2002 Body Components						
2002-BODY	17015600	Bridge	100			
2002-IBODY	11917000	Inverted Bridge with Spring	100			MTO
2002-BB-B	17015500	Barbed Housing (base)	100			MTO
2002-FM-B	17015502	Female Housing (base)	100			MTO
2002-QT-B	17015506	Quick Thread Housing (base)	100			
2002-38-B	17015504	3/8" Threaded Housing (base)	100			MTO
2002-REG-DPH	17010402	E.P.D.M. Diaphragm	100			
2002-TP	17043000	Trunk Protector	100			
2002-RD-BR	17015007	Red Bearing	100			
2002-CLIP	17015018	Retainer Clip for Diaphragm	100			
Stakes for Micro Sprinklers						
STAKE-37R	17097947	Stake 37, Red (2002, 2005)		170	Z	













2005 AquaMaster Sprinklers

2005 AquaMaster Non-PC Ordering Guide

Series #	Spinner		Base		Nozzle @ 30 PSI		Tube Length		Stake	
166	1	Blue	1	Female	4	Violet (9.2 GPH)	0	No Tube	0	No Stake
	3	Black	2	Quick Thread**	0	Brown (13.2 GPH)	1	24"	3	Stake 34-Red
	7	Gray	3	3/8" Thread	9	Gray (18.5 GPH)	2	30" **	5	Stake 37-Red **
	5	Green	4	1/2" Thread	2	Green (27.7 GPH)	3	36"		
	2	Blue-Two Stage			5	Orange (31.7 GPH)	4	48"		
	4	Black-Two Stage			8	Black (42.3 GPH)	5	60"		
	6	Gray-Two Stage			3	Blue (52.8 GPH)				
	8	Green-Inverted*			6	Yellow (66.1 GPH)				
					7	Red (79.3 GPH)				
Example: 166	3		2		0		2		5	

Catalog Number: 166 3 2 0 2 5

Description: Complete 2005 Black Swivel, Quick Thread Base, and Brown Nozzle . 30" Lead Tube and a Red Stake 37.

Assemblies come standard with a Quick Thread Base and 30" PE Lead Tube and Red Stake 37.

Note: Barbed bases use PVC Tubing; Threaded bases use PE Tubing.

* Uses Bridge w/Spring Loaded Bearing

** Standard

2005 AquaMaster Performance Table

Nozzle Color	Nominal Flow (GPH)	Nozzle Diameter (in)	2005 Swivels — Wetted Diameter (feet)							
			Black		Blue		Gray		Green	Green
			Medium Range w/ Deflector	Medium Range	Long Range w/ Deflector	Long Range	Long Range w/ Deflector	Long Range	Extra Long Range	Inverted *
										
Violet	9	0.03	6.6	18.0						21.3
Brown	13	0.04	6.6	21.3						24.6
Gray	18	0.04			8.2	23.0				29.5
Green	28	0.06			9.8	27.9				32.8
Orange	32	0.06					6.6	18.0	29.5	34.4
Black	42	0.07					8.2	19.7	32.8	36.1
Blue	53	0.08					8.2	19.7	34.4	37.7
Yellow	66	0.09					9.8	19.7	36.1	
Red	79	0.09					9.8	23.0	39.4	

Note: Flow rate and wetted diameter (feet) at 30 PSI. Tested at 10" above ground. Green Inverted tested at 6' above ground.

Model #	Part #	Description	Box Qty	Pallet Qty	Stock Code
2005 Aquamaster Assemblies					
		2005 Head Only (excludes inverted)	500		Call
2005 Assemblies with PE Tubing					
		24" Tube Length	200		MTO
		30" Tube Length (standard)	200	5600	
		36" Tube Length	200		MTO
		48" Tube Length	150		MTO
		60" Tube Length	150		MTO





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2005 AquaMaster Sprinklers

Model #	Part #	Description	Bag Qty	Box Qty	Box Code	Stock Code
2005 Nozzles — Quick Thread						
2005-VT-QT-NZ	17019154	Violet (9.2 GPH)	50			MTO
2005-BN-QT-NZ	17019150	Brown (13.2 GPH)	50			MTO
2005-GY-QT-NZ	17019159	Gray (18.5 GPH)	50			MTO
2005-GN-QT-NZ	17019152	Green (27.7 GPH)	50			MTO
2005-OE-QT-NZ	17019155	Orange (31.7 GPH)	50			MTO
2005-BK-QT-NZ	17019158	Black (42.3 GPH)	50			MTO
2005-BE-QT-NZ	17019153	Blue (52.8 GPH)	50			MTO
2005 Nozzle — 3/8" Thread						
2005-VT-38-NZ	17019114	Violet (9.2 GPH)	50			MTO
2005-BN-38-NZ	17019110	Brown (13.2 GPH)	50			MTO
2005-GY-38-NZ	17019119	Gray (18.5 GPH)	50			MTO
2005-GN-38-NZ	17019112	Green (27.7 GPH)	50			MTO
2005-OE-38-NZ	17019115	Orange (31.7 GPH)	50			MTO
2005-BK-38-NZ	17019118	Black (42.3 GPH)	50			MTO
2005-BE-38-NZ	17019113	Blue (52.8 GPH)	50			MTO
2005 Nozzle — 1/2" Thread						
2005-VT-12-NZ	17019124	Violet (9.2 GPH)	50			MTO
2005-BN-12-NZ	17019120	Brown (13.2 GPH)	50			MTO
2005-GY-12-NZ	17019129	Gray (18.5 GPH)	50			MTO
2005-GN-12-NZ	17019122	Green (27.7 GPH)	50			MTO
2005-OE-12-NZ	17019125	Orange (31.7 GPH)	50			MTO
2005-BK-12-NZ	17019128	Black (42.3 GPH)	50			MTO
2005-BE-12-NZ	17019123	Blue (52.8 GPH)	50			MTO
2005 Nozzle — Female Press-Fit						
2005-VT-FM-NZ	17019104	Violet (9.2 GPH)	50			MTO
2005-BN-FM-NZ	17019100	Brown (13.2 GPH)	50			MTO
2005-GY-FM-NZ	17019109	Gray (18.5 GPH)	50			MTO
2005-GN-FM-NZ	17019102	Green (27.7 GPH)	50			MTO
2005-OE-FM-NZ	17019105	Orange (31.7 GPH)	50			MTO
2005-BK-FM-NZ	17019108	Black (42.3 GPH)	50			MTO
2005-BE-FM-NZ	17019103	Blue (52.8 GPH)	50			MTO
2005 Swivels						
2005-BK-1S	17019208	Black	100			MTO
2005-BE-1S	17019203	Blue	100			MTO
2005-GY-1S	17019209	Gray	100			MTO
2005-GN-1S	17019202	Green — Upright	100			MTO
2005-BK-2S	17019228	Black, w/ deflector	100			MTO
2005-BE-2S	17019223	Blue, w/ deflector	100			MTO
2005-GY-2S	17019229	Gray, w/ deflector	100			MTO
2005-GN-IS	17019212	Green - Inverted	100			MTO
2005 Body Components						
2005-BODY	17018600	Bridge	100			MTO
2005-IBODY	11919000	Inverted Bridge with Spring	100			MTO
2005-QT-A	17019308	Quick Thread Adapter	100			MTO
Stakes for Micro Sprinklers						
STAKE-37R	17097947	Stake 37, Red		170	Z	















Modular Sprinklers

Modular Ordering Guide

Series #	Swivel / Spreader		Super LPD (Black)		Nozzle @ 30 PSI		Base/Tube		Stake	
161	1	Small Round (Black)	0	None	4	Violet (9.2 GPH)	0	None	0	None
	2*	One-Sided (Black)	6	Antimist	0	Brown (11.4 GPH)	9	Butterfly - Barb w/12" Tube	1	Stake 31 Black
	3	Big (Orange Oblong)	8	LPD - Female **	9	Gray (18.5 GPH)	5	Butterfly - Barb w/18" Tube	3	Stake 31 Red**
	4	Anti-Ant (Red/Black)	9	LPD - Female & Antimist **	2	Green (27.7 GPH)	1	Butterfly - Barb w/24" Tube	9	Weight
	5*	Inverted (Green Kiwi)			5	Orange (31.7 GPH)	2	Butterfly - Barb w/30" Tube **		
	6	12 Jet (Green)	7	LPD - Barb & Antimist	6	Yellow (42.3 GPH)	3	Butterfly - Barb w/36" Tube		
	7*	Flat (Yellow)	5	LPD - 3/8"	3	Blue (52.8 GPH)	4	Butterfly - Barb w/48" Tube		
	8	180° (Red)			1	Ivory (62.1 GPH)	6	3/8" Male - Base		
	9*	Close Range (Orange Concave)			7	Red (68.7 GPH)	7	1/2" Male - Base		
	0*	Mist (Violet)			8	Black (79.3 GPH)	8	Butterfly - Quick Thread		
	A	90° (Black)								
	B	Strip (Blue)								
	C	One-Sided (Blue)								
Example: 161	7		8		9		0		0	

Catalog Number: 161 1 9 3 2 3
Bridge Assembly with Flat (Yellow)Spreader and Female LPD
*Swivels can be inverted
**Standard



Modular Sprinkler Performance Table

Nozzle Color	Anti-mist Color	Flow Rate [GPH]	Nozzle Diam. [in]	Wetted Diameter (ft)															
				Static Spreaders							Swivels								
				90° (Black)	180° (Red)	Mist (Violet)	Strip (Blue)	Close-Range (Orange Concave)	Flat (Yellow)	12 Jet (Green)	Small Round (Black)	Anti-Ant (Red/ Black)	One-Sided (Black)	One-Sided (Blue)	Big (Orange Oblong)	Inverted* (Green Kiwi)			
																Height (feet)			
																2'	4'	6'	
Violet		9.2	0.032	5.6	7.2	4.9	10.5	3.0	9.2	11.2	19.7	19.7	21.3			16.4	19.7	19.7	
Brown		11.4	0.037	5.6	8.2	5.9	13.8	3.0	11.2	14.8	19.7	21.3	23.0			18.0	19.7	21.3	
Gray		18.5	0.046	8.2	8.9		27.9	3.0	11.2	18.0	21.3	21.3	24.6			21.3	21.3	24.6	
Green		27.7	0.056	11.5	8.9		29.5	3.0	11.2	19.7	21.3	23.0	26.2		29.5	26.2	26.2	27.9	
Orange		31.7	0.059	14.8	8.9		29.5	3.0	13.1	19.7	21.3	24.6	26.2		29.5	26.2	27.9	29.5	
Yellow		42.3	0.068								21.3	26.2	27.9	26.2	31.2	29.5	29.5	31.2	
Blue		52.8	0.076									27.9	29.5	27.9	31.2	29.5	29.5	32.8	
Ivory		62.1	0.081										31.2	29.5	32.8	29.5	31.2	34.4	
Red		68.7	0.086										32.8	32.8	32.8	29.5	32.8	36.1	
Black		79.3	0.092										34.4	34.4	32.8	31.2	32.8	36.1	
Green	Green	10.6	0.037	6.6	3.9		9.2	2.6	11.5	8.2	13.1					14.8	16.4	19.7	
Orange	Orange	18.5	0.046	7.2	7.2		16.4	2.6	11.5	14.8	16.4					19.7	23.0	24.6	
Yellow	Yellow	23.8	0.055	8.2	8.2		18.0	3.0	13.1	16.4	18.0					19.7	23.0	26.2	
Blue	Blue	31.7	0.059	8.2	8.9		23.0	3.3	13.1	19.7	19.7					21.3	26.2	26.2	

* Flow rate and wetted diameter (feet) at 29 PSI and 10" above ground level. Inverted swivel at 2', 4' and 6'.

Not Recommended ; Voids Warranty.

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Modular Sprinklers

Description	Box Qty	Stock Code
Modular Bridge Assemblies		
Bridge Assemblies without Antimist	2500	Call
Bridge Assemblies w/ Antimist	1750	MTO
Bridge Assemblies w/ LPD and without Antimist	750	MTO
Bridge Assemblies w/ LPD and Antimist	650	MTO

Note: Tube assemblies are available upon request with substitution of the Butterfly barb with the Barbed LPD.



Description	Box Qty	Stock Code
Modular Stake Assemblies		
24" Tube Assembly	200	MTO
30" Tube Assembly (standard)	200	
36" Tube Assembly	200	MTO
48" Tube Assembly	150	MTO
60" Tube Assembly	150	MTO



Description	Box Qty	Stock Code
Inverted Modular Assemblies		
12" Tube Assembly w/ weight		MTO
24" Tube Assembly w/ weight	400	MTO
30" Tube Assembly w/ weight (standard)	400	
36" Tube Assembly w/ weight	400	MTO
48" Tube Assembly w/ weight		MTO
60" Tube Assembly w/ weight		MTO



Modular Sprinklers

Model #	Part #	Description	Bag Qty	Stock Code
Modular Group Bridge				
MOD-BODY	17050600	Bridge	100	
Modular Group Nozzles				
MOD-VT-NZ	17050104	Violet (9.2 GPH)	100	
MOD-BN-NZ	17050100	Brown (11.4 GPH)	100	
MOD-GY-NZ	17050109	Gray (18.5 GPH)	100	
MOD-GN-NZ	17050102	Green (27.7 GPH)	100	
MOD-OE-NZ	17050105	Orange (31.7 GPH)	100	
MOD-YW-NZ	17050106	Yellow (42.3 GPH)	100	
MOD-BE-NZ	17050103	Blue (52.8 GPH)	100	
MOD-IY-NZ	17050101	Ivory (62.1 GPH)	100	MTO
MOD-RD-NZ	17050107	Red (68.7 GPH)	100	
MOD-BK-NZ	17050108	Black (79.3 GPH)	100	
Modular Antimist				
MOD-GN-AM	17050012	Green (.035")	100	
MOD-OE-AM	17050015	Orange (.047")	100	
MOD-YW-AM	17050016	Yellow (.055")	100	
MOD-BE-AM	17050013	Blue (.060")	100	
Modular Swivel — 8000 Series				
MOD-BR-S	17050218	Small Round (Black)	100	
MOD-BKS-S	17050208	One Sided (Black)	100	
MOD-BES-S	17050228	One Sided (Blue)	100	MTO
MOD-OO-S	17050215	Big (Orange Oblong)	100	
MOD-IPS-S	17050217	Anti Ant - (Red) Swivel	100	MTO
MOD-IPC-S	17050220	Anti Ant - (Black) Cup	100	MTO
MOD-GK-S	17050202	Inverted (Green Kiwi)	100	
Butterfly Adapters				
MOD-BF-38T47B	17097030	Butterfly 3/8" x 4/7 Barb	100	MTO
MOD-BF-47B	17090710	Butterfly 4/7 Barb, Black	100	
MOD-BF-38T	17097016	Butterfly 3/8"	100	
MOD-BF-QT	17097017	Butterfly quick thread	100	
MOD-38-B	17097002	3/8" male threaded base	100	
MOD-12-B	17097001	1/2" male threaded base	100	



Butterfly Adapters

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Modular Sprinklers

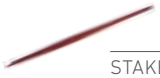
Model #	Part #	Description	Bag Qty	Box Qty	Box Code	Stock Code
Modular Spreaders - 7000 Series						
MOD-OC-S	17050305	Close Range (Orange Concave)	100			
MOD-YF-S	17050306	Flat (Yellow)	100			
MOD-GJ-S	17050302	12 Jet (Green)	100			
MOD-VMD-S	17050314	Mist (Violet)	100			
MOD-90-S	17050308	90° (Black)	100			
MOD-180-S	17050317	180° (Red)	100			
MOD-BS-S	17050303	Strip (Blue)	100			MTO
Stakes for Micro Sprinklers						
STAKE-31R	17097907	Spike 31 Red (Modular)		550	Z	
STAKE-31B	17097908	Spike 31 Black (Modular)		550	Z	MTO
Butterfly Tube Assemblies with Barb						
TA-PVC-BF-BB-24	11997030	24" Tube Assembly w/ Butterfly	100	400	H	
TA-PVC-BF-BB-30	11997032	30" Tube Assembly w/ Butterfly	100	400	H	
TA-PVC-BF-BB-36	11997036	36" Tube Assembly w/ Butterfly	100	400	H	
TA-PVC-BF-BB-48	11997040	48" Tube Assembly w/ Butterfly	100	400		MTO
TA-PVC-BF-BB-60	11997042	60" Tube Assembly w/ Butterfly	100			MTO
Stabilized Hanging Sprinkler Tube Assembly w/ Barb						
TA-PVC-BF-BB-WT-12	11997140	12" Tube Assembly w/ Butterfly	100	200		
TA-PVC-BF-BB-WT-18	11997142	18" Tube Assembly w/ Butterfly	100	400		MTO
TA-PVC-BF-BB-WT-24	11997143	24" Tube Assembly w/ Butterfly	100	200		
TA-PVC-BF-BB-WT-30	11997146	30" Tube Assembly w/ Butterfly	100	200		MTO
TA-PVC-BF-BB-WT-36	11997149	36" Tube Assembly w/ Butterfly	100	150		
TA-PVC-BF-BB-WT-48	11997152	48" Tube Assembly w/ Butterfly	100	200		
TA-PVC-BF-BB-WT-60	11997155	60" Tube Assembly w/ Butterfly	100	200		MTO

Modular Spreaders - 7000 Series



MOD-YF-S

Stakes for Micro Sprinklers



STAKE-31R



STAKE-31B

Butterfly Tube Assemblies with Barb



TA-PVC-BF-BB-24

Stabilized Hanging Sprinkler Tube Assembly with Barb



TA-PVC-BF-BB-WT-12



"I enjoy working with Jain Irrigation because of their quality products and excellent service. The Jain Jet has proven to be my go-to sprinkler because of the large selection of flow rates and spray patterns that match all my soil types."

Marc Camino, Valley Wide Land Management
Del Rey, CA



JAIN Jet precision molding ensures precise spray patterns

PRECISION & PRICE:

JAIN JET DELIVERS

Stronger and More Rigid Stake
Feel the Difference

Industry Leading Warranty
5 Years vs 1 Year

Same Popular Spray Patterns and Flows—No Difference



Competitor

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Jain Jet

Jain Jet Ordering Guide

Series #	Jet Pattern		Nozzle Flow @ 20 PSI		Tube Length		Stake	
168	10	A - Full Circle Hi-Lo	1	#30 Black (5.9 GPH)	0	No Tube	0	No Stake
	11	B - Butterfly	2	# 35 Orange (8.5 GPH)	1	24" PE	1	Stake 34-Red
	12	B1 - Butterfly	3	# 40 Blue (10.7 GPH)	2	30" PE	2	Muilt-Stake-Red **
	13	C - Wrap-Around	4	#45 Violet (14.1 GPH)	3	36" PE **		
	14	D - Modified Butterfly	5	#50 Green (16.7 GPH)	4	48" PE		
	15	E - Full Circle	6	#55 Yellow (20.5 GPH)	5	60" PE		
	16	F - Inverted	7	#60 Red (24.4 GPH)	6	24" PVC		
	17	G - Wrap-Around			7	30" PVC		
	18	H - Half Circle			8	36" PVC		
	19	J2 - Full Circle 16						
	23	K - Butterfly Mist						
	24	L - Quarter Mist						
	25	N - Notch Hi-Lo						
	26	P - 150 Arc						
	27	R - Rectangle						
	28	U - Notch						
	29	V - 100 Arc						
	30	X - Butterfly Rectangle						
	31	Fill In						
Example: 168	10		2		0		0	

Catalog Number: 168 28 3 2 2
Description: Jain Jet A Pattern #35 (Orange) Nozzle
Some flow patterns and lead lengths are special order. Please call to check your specification.
** Standard



Jain Jet

Jain Jet Performance Table

Nozzle Size	Flow Rate (GPH at 20 PSI)	Diameter (ft)							
		Pattern A		Pattern B	Pattern B1	Pattern C	Pattern D	Pattern E	Pattern F
									
		High Stream	Low Stream						
#30 Black	6	14	10	16	17	12	11	12	15
#35 Orange	8.4	17	13	18	18	16	12	14	18
#40 Blue	10.7	19	15	20	21	19	13	15	21
#45 Violet	14.1	22	17	21	22	22	14	17	23
#50 Green	16.7	25	19	22	24	22		17	25
#55 Yellow	20.5	27	20		27	27		19	27
#60 Red	24	28	22		28	29		21	29

Nozzle Size	Flow Rate (GPH at 20 PSI)	Diameter (ft)							
		Pattern N		Pattern G	Pattern H	Pattern J2	Pattern K	Pattern L	Pattern U
									
		High Stream	Low Stream						
#30 Black	6	14	10	9	14	9	8	4	14
#35 Orange	8.4	17	13	12	16	11	8	4	17
#40 Blue	10.7	19	15	13	17	12	8	5	19
#45 Violet	14.1	22	17	14	18	14	9	5	22
#50 Green	16.7	25	19			16	9	6	25
#55 Yellow	20.5	27	20				9	7	26
#60 Red	24	28	22				11	7	28

Nozzle Size	Flow Rate (GPH at 20 PSI)	Diameter (ft)							
		Pattern P		Pattern R		Pattern V		Pattern X	
									
		Radius	'W' Dimension	Length	Width	Radius	'W' Dimension	Length	Width
#30 Black	6	8	15	13	6	7	11	15	7
#35 Orange	8.4	9	16.5	15	7	8	11.5	19	8
#40 Blue	10.7	10	18.5	16	9	8	12.5	19	9
#45 Violet	14.1	11	20.5	17	10	9	14	22	12
#50 Green	16.7	12	22	19	13			24	14
#55 Yellow	20.5			21	17			25	15
#60 Red	24			24	22			27	16

Jain Jet

Model #	Part #	Description	Box Qty	Box Code	Stock Code
Stakes for Jain Jets and Smart Jets					
MS-12DR	12501132	Multi Stake*	250	A	
STAKE-34R	17097917	Stake 34, Red	170	Z	
MS-12DR-36PE	22020071	Multi stake with 36" lead and barb	150		
Accessories					
JJ-TOPHAT	12501133	Jain Jet Top Hat	3000	B	
47-COLLAR	12010595	Locking Collar (Vinyl jet assemblies)			MTO

* Multi Stake is the standard stake for all Jain Jets and Smart Jets

Stakes for Modular Sprinklers



MS-12DR*



STAKE-34R

Stakes for Modular Sprinklers



JJ-TOPHAT



47-COLLAR

Smart Jet PC

Smart Jet Ordering Guide

Series #	Pattern Description		Nozzle		Tube		Stake	
187	10	A -Full Circle*	1	30 Black	0	NO TUBE	0	No Stake
	13	C - Wrap-Around	2	35 Orange	1	24" PE	1	Stake 34
	19	J2 - Full Circle - 16 Jet	3	40 Blue	2	30" PE	2*	Multi-Stake*
	28	U - Wrap-Around	4	45 Violet	3	36" PE*		
			5	50 Green	4	48" PE		
			6	55 Yellow	5	60" PE		
			7	60 Red	6	24" PVC		
			8	65 Brown	7	30" PVC		
Example: 187	28		5		2		2	

Catalog **Number:** 18 7 28 5 2 2
Description: Smart Jet PC with U pattern, Green Nozzle, 30" tube and Multi-Stake.
Some flow patterns and lead lengths are special order. Please call to check your specification.
* Standard Configuration

Description	Box Qty	Stock Code
Smart Jet		
Head Only	1000	Call
Smart Jet PC Assemblies		
24" Tube Length		MTO
30" Tube Length		MTO
36" Tube Length*		MTO
48" Tube Length		MTO
60" Tube Length		MTO

* Standard Configuration

Smart Jet PC Performance

Nozzle Color	Outlet Diameter [inches]	Flow Rate (GPH)	Pressure (PSI)	Flow rate & wetted diameter / Approx. Diameter [ft]				
				A (High) Full Circle 12 jets	A (Low) Full Circle 12 jets	C 210° 8 jets	J Full Circle 16 jets	U 270° 10 jets
								
Black	0.033	5.7	20	16	14	16	11	13
Orange	0.041	8.2	20	17	14	17	13	16
Blue	0.045	9.8	20	17	15	19	15	18
Violet	0.049	12.1	20	18	16	19	15	18
Green	0.053	14.5	20	20	18	21	17	21



Note: Wetted diameter tested at 10" above ground. Performance table prepared under laboratory conditions.

Micro Sprinkler and Jet Tools and Accessories

Model #	Part #	Description	Bag Qty	Box Qty	Box Code	Stock Code
Accessories						
47-TB	17097032	Barb 4/7 x 4/7	100	2800	B	
FNF-PLUG	17091239	Fast-n-Fast plug	100	2800	B	MTO
FNF-CON	11990100	Fast-n-Fast connector	50	700	B	MTO
WEIGHT	17097051	Stabilizer weight 5 1/2 for suspended stand 1/4" barb	50	500	F	
170-TB	12290009	1/4" Barb Coupling	500	5000	B	
DRAMM-GRO	12291066	Dramm Grommet	250	2000	B	MTO
Tools						
PP-47	17097785	3.2 mm punch	1	10	B	
JJ-PR	12290170	Jain Jet Punch (Red)	1	10		
AP025	12071006	2.5 mm Hole Punch	1	10	B	
AP030	12071008	3.0 mm Hole Punch	1	10	B	

Accessories


47-TB


FNF-PLUG


FNF-CON


WEIGHT


170-TB


DRAMM-GRO

Tools


PP-47


AP025


JJ-PR

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Super 10 Sprinklers

Model #	Part #	Description	Box Qty	Box Code	Stock Code
Super 10 Revolver Low Angle, 14 Degree: Unregulated					
S10-NON-14-VT	17135744	Violet, 1.5 GPM @ 35 PSI, 55 ft	200	Z	MTO
S10-NON-14-YW	17135746	Yellow, 1.9 GPM @ 35 PSI, 65 ft	200	Z	MTO
S10-NON-14-GN	17135742	Green, 2.4 GPM @ 35 PSI, 65 ft	200	Z	MTO
S10-NON-14-RD	17135747	Red, 2.9 GPM @ 35 PSI, 68 ft	200	Z	MTO
Super 10 Revolver Low Angle, 14 Degree: Regulated					
S10-REG-14-VT	17136744	Violet, 1.5 GPM @ 35 PSI, 55 ft	200	Z	MTO
S10-REG-14-YW	17136746	Yellow, 1.9 GPM @ 35 PSI, 65 ft	200	Z	MTO
S10-REG-14-GN	17136742	Green, 2.4 GPM @ 35 PSI, 65 ft	200	Z	MTO
S10-REG-14-RD	17136747	Red, 2.9 GPM @ 35 PSI, 68 ft	200	Z	MTO
Super 10 Revolver, 25 Degree: Unregulated					
S10-NON-25-BE	17135443	Blue, 1.5 GPM @ 35 PSI, 55 ft	200	Z	MTO
S10-NON-25-YW	17135446	Yellow, 1.9 GPM @ 35 PSI, 65 ft	200	Z	MTO
S10-NON-25-GN	17135442	Green, 2.4 GPM @ 35 PSI, 65 ft	200	Z	MTO
S10-NON-25-RD	17135447	Red, 2.9 GPM @ 35 PSI, 68 ft	200	Z	MTO
S10-NON-25-BN	17135440	Brown, 1.4 GPM @ 35 PSI*		Z	MTO
Super 10 Revolver, 25 Degree: Regulated					
S10-REG-25-BE	17136443	Blue, 1.5 GPM @ 35 PSI, 55 ft	200	Z	MTO
S10-REG-25-YW	17136446	Yellow, 1.9 GPM @ 35 PSI, 65 ft	200	Z	MTO
S10-REG-25-GN	17136442	Green, 2.4 GPM @ 35 PSI, 65 ft	200	Z	MTO
S10-REG-25-RD	17136447	Red, 2.9 GPM @ 35 PSI, 68 ft	200	Z	MTO

* For use with Road Protector

Note: Please call for Super 10 availability and lead times



S10-NON-14-RD



S10-NON-25-GN



S10-REG-25-YE

Super 10 Sprinklers

Model #	Part #	Description	Stock Code
Super 10 Nozzles			
S10-BN-NZ	17035100	Brown, 1.4 GPM (for road protector only)	MTO
S10-BE-NZ	17035103	Blue, 1.5 GPM for 25°	MTO
S10-VT-NZ	17035104	Violet, 1.5 GPM for 14°	MTO
S10-YW-NZ	17035106	Yellow, 1.9 GPM	MTO
S10-GN-NZ	17035102	Green, 2.4 GPM	MTO
S10-RD-NZ	17035107	Red, 2.9 GPM	MTO
Super 10 Nozzles - Swirl Inlets			
S10-BE-SI	17031303	for Blue and Violet Nozzle	MTO
S10-YW-SI	17031306	for Yellow Nozzle	MTO
S10-GN-SI	17031302	for Green Nozzle	MTO
S10-RD-SI	17031307	for Red Nozzle	MTO
Super 10 Components			
S10-COVER	17035600	Cover	MTO
S10-NON-B	17031550	1/2" Black Base for Non-Regulated	MTO
S10-REG-B	17031559	1/2" Silver Base for Regulated	MTO
S10-PLATE	17033001	Regulator Plate	MTO
S10-R-DPH	17030420	Diaphragm	MTO
S10-BALL	17030045	5/16" Stainless Ball	MTO
S10-CUSH	17030047	Cushion	MTO
S10-CWASH	17033401	Ceramic Washer	MTO
S10-BWASH	17031408	Buna Washer	MTO
S10-14-BODY	17035017	Nozzle Body 14° (Red)	MTO
S10-25-BODY	17035010	Nozzle Body 25° (Black)	MTO
S10-NOZ-B	17035050	Nozzle Base	MTO
S10-WRENCH	17030050	Wrench for Super 10	MTO
S10-RP	17035800	Road Guard Protector	MTO

Please call for Super 10 availability and lead times

Super 10 Nozzle



S10-XX-NZ

Super 10 Swirl Inlets



S10-XX-SI

Super 10 Compounds



S10-COVER



S10-NON-B and S10-RE-B



S10-PLATE



S10-R-DPH



S10-BALL



S10-CUSH



S10-CWASH



S10-BWASH



S10-14-BODY



S10-NOZ-B



S10-WRENCH



S10-RP

Mini Revolver

Model #	Part #	Description	Box Qty	Box Code	Stock Code
Mini Revolver 16: Unregulated - Black Base					
MR-NON-BR*	18047341	Brown 27 GPH @ 35 PSI,r 42 ft Diameter	200	Y	
MR-NON-BE	18047343	Blue 35 GPH @ 35 PSI, 46 ft Diameter	200	Y	
MR-NON-YW	18047346	Yellow 47 GPH @ 35 PSI, 48 ft Diameter	200	Y	MTO
MR-NON-VT	18047344	Violet 59 GPH @ 35 PSI, 51 ft Diameter	200	Y	MTO
MR-NON-BK	18047348	Black 71 GPH @ 35 PSI, 52 ft Diameter	200	Y	MTO
MR-NON-OE	18047345	Orange 47 GPH @ 35 PSI, 39 ft Diameter (low angle)	200	Y	MTO
MR-NON-RD	18047347	Red 59 GPH @ 35 PSI, 42 ft Diameter (low angle)	200	Y	MTO
Mini Revolver 16: Regulated - Sliver Base					
MR-REG-BE	18047443	Blue 35 GPH @ 35 PSI, 46 ft Diameter	200	Y	
MR-REG-YW	18047446	Yellow 47 GPH @ 35 PSI, 48 ft Diameter	200	Y	
MR-REG-VT	18047444	Violet 59 GPH @ 35 PSI, 51 ft Diameter	200	Y	MTO
MR-REG-BK	18047448	Black 71 GPH @ 35 PSI, 52 ft Diameter	200	Y	MTO
MR-REG-OE	18047445	Orange 47 GPH @ 35 PSI, 39 ft Diameter (low angle)	200	Y	MTO
MR-REG-RD	18047447	Red 59 GPH @ 35 PSI, 42 ft Diameter (low angle)	200	Y	MTO





Please call for availability and lead times on MTO Mini Revolver sprinklers
* New



Mini Revolver

Model #	Part #	Description	Box Qty	Box Code	Stock Code
Mini Revolver 16 Nozzles					
MR-BR-NZ	17047101	Brown 27 GPH Mini Revolver Nozzle			MTO
MR-BE-NZ	17047102	Blue 35 GPH Mini Revolver Nozzle			MTO
MR-YW-NZ	17047106	Yellow 47 GPH Mini Revolver Nozzle			MTO
MR-VT-NZ	17047104	Violet 59 GPH Mini Revolver Nozzle			MTO
MR-BK-NZ	17047108	Black 71 GPH Mini Revolver Nozzle			MTO
MR-OE-NZ	17047105	Orange 47 GPH (low angle) Mini Revolver Nozzle			MTO
MR-RD-NZ	17047107	Red 59 GPH (low angle) Mini Revolver Nozzle			MTO
Mini Revolver 16 Components					
MR-NON-B	17040552	1/2" Black Base			MTO
MR-REG-B	17040559	1/2" Silver Base for Regulated			MTO
MR-COVER	17041600	Cover			MTO
MR-ORING	17043001	Base O-Ring			MTO
MR-BE-APT	17041353	Blue Adapter - For Blue Nozzle			MTO
MR-OE-APT	17041355	Orange Adapter - For Orange and Yellow Nozzle			MTO
MR-RD-APT	17041357	Red Adapter - For Red and Violet Nozzle			MTO
MR-BK-APT	17041358	Black Adapter - For Black Nozzle			MTO
MR-NON-APT	17041350	Adapter for Non-Regulated Sprinklers			MTO
MR-BE-ENG	17041303	Blue Engine Base - For Blue Nozzle			MTO
MR-OE-ENG	17041305	Orange Engine Base - For Orange and Yellow Nozzle			MTO
MR-RD-ENG	17041307	Red Engine Base - For Red and Violet Nozzle			MTO
MR-BK-ENG	17041308	Black Engine Base - For Black Nozzle			MTO
MR-BALL	17040001	Stainless Ball			MTO
MR-SEAL	17040410	Body Seal			MTO
MR-R-DPH	17040400	Regulating Diaphragm			MTO
MR-RP	17043005	Road Protector			MTO
MR-ENG	17043502	Engine Body			MTO
MR-BWASH	17040412	Buna Washer			MTO
MR-CWASH	17043400	Ceramic Washer			MTO
MR-NT	17041128	Nozzle Tube			MTO



Plastic Impacts

Model #	Part #	Description	Box Qty	Box Wt	Box Code	Stock Code
429 AG — 1/2" Male Base, Full and Part Circle, 26 Degree						
429AG-S14	16047623	#14 Nozzle (7/64", 2.8 mm) Orange	125	17.9	X	
429AG-S15	16047633	#15 Nozzle (15/128", 3.0 mm) Red	125	17.9	X	MTO
429AG-S16	16047643	#16 Nozzle (1/8", 3.2 mm) Green	125	17.9	X	
429AG-S18	16047653	#18 Nozzle (9/64", 3.6 mm) Blue	125	17.9	X	MTO
429AG-S20	16047663	#20 Nozzle (5/32", 4.0 mm) Black	125	17.9	X	
429AG-RD-WO	16046010	429 without Nozzle, Red Sleeve for 7/64" and smaller nozzles	125	17.9	X	MTO
429AG-BK-WO	16046510	429 without Nozzle, Black Sleeve for 15/128" and larger nozzles	125	17.9	X	MTO
5022 SD — 1/2" Male Base, Full Circle, 25 Degree 5022 - Single Bayonet Constructed Nozzle						
5022SD-S12	16052701	#12 Nozzle (3/32", 2.4 mm) Purple	100	11.0	W	
5022SD-S14	16052702	#14 Nozzle (7/64", 2.8 mm) Orange	100	11.0	W	
5022SD-S15	16052703	#15 Nozzle (15/128", 3.0 mm) Red	100	11.0	W	
5022SD-S16	16052704	#16 Nozzle (1/8", 3.2 mm) Green	100	11.0	W	
5022SD-S18	16052705	#18 Nozzle (9/64", 3.6 mm) Blue	100	11.0	W	
5022SD-S20	16052706	#20 Nozzle (5/32", 4.0 mm) Black	100	11.0	W	
5022 SD — 1/2" Male Base, Full Circle, 25 Degree 5022 - Dual Bayonet Constructed Nozzles						
5022SD-D12	16052711	#12 Nozzle (3/32", 2.4 mm) Purple x Lt. Green	100	11.0	W	MTO
5022SD-D14	16052712	#14 Nozzle (7/64", 2.8 mm) Orange x Lt. Green	100	11.0	W	MTO
5022SD-D15	16052713	#15 Nozzle (15/128", 3.0 mm) Red x Lt. Green	100	11.0	W	MTO
5022SD-D16	16052714	#16 Nozzle (1/8", 3.2 mm) Green x Lt. Green	100	11.0	W	MTO
5022SD-D18	16052715	#18 Nozzle (9/64", 3.6 mm) Blue x Lt. Green	100	11.0	W	MTO
5022SD-D20	16052716	#20 Nozzle (5/32", 4.0 mm) Black x Lt. Green	100	11.0	W	MTO
5022 SD — 1/2" Male Base, Full Circle, 25 Degree 5022 without Nozzles						
5022SD-RD-BE-WO	16052701	5022 without Nozzle Red Sleeve for 7/64 and smaller Sprinkler	100	11.0	W	MTO
5022SD-BK-BE-WO	16052722	5022 without Nozzle Black Sleeve for 15/128 Single and larger Sprinkler	100	11.0	W	
5022SD-BK-BK-WO	16052720	5022 without Nozzle Black Sleeve for 15/128 Dual and larger Sprinkler	100	11.0	W	MTO



429AG-S14



5022SD-S12



5022SD-D12


5022

Plastic Impacts

Model #	Part #	Description	Box Qty	Box Wt	Box Code	Stock Code
5024 Wedge Drive — 1/2" Male Base, Full Circle						
5024WD-S09	16052652	#9 Nozzle (9/28", 1.8 mm) Light Green	125	13	W	
5024 SD — 1/2" Male Base, Full Circle: 12 Degree						
5024SD-12-S12	16052551	#12 Nozzle (3/32", 2.4 mm) Purple	125	13	W	
5024SD-12-S14	16052552	#14 Nozzle (7/64", 2.8 mm) Orange	125	13	W	
5024SD-12-S15	16052553	#15 Nozzle (15/128", 3.0 mm) Red	125	13	W	MTO
5024SD-12-S16	16052554	#16 Nozzle (1/8", 3.2 mm) Green	125	13	W	MTO
5024SD-12-S18	16052555	#18 Nozzle (9/64", 3.6 mm) Blue	125	13	W	MTO
5024 without Nozzles						
5024SD-RD-WO	16052530	5024 without Nozzle, Red Sleeve for 7/64" and smaller nozzles	125	13	W	MTO
5024SD-BK-WO	16052500	5024 without Nozzle, Black Sleeve for 15/128" and larger nozzles	125	13	W	MTO

5024 SD replaced 5024. SD model now includes standard Frost Cap and Super Diffuser for better uniformity.



5024SD-12-S15

Plastic Impacts

Model #	Part #	Description	Bag Qty	Stock Code
Plastic Impact Nozzles: 429/5022 SD/5024 SD Nozzles				
5022-12-NZ	17582251	#12 Nozzle (3/32", 2.4 mm) Purple	100	MTO
5022-14-NZ	17582281	#14 Nozzle (7/64", 2.8 mm) Orange	100	
5022-15-NZ	17582301	#15 Nozzle (15/128", 3.0 mm) Red	100	MTO
5022-16-NZ	17582321	#16 Nozzle (1/8", 3.2 mm) Green	100	
5022-18-NZ	17582351	#18 Nozzle (9/64", 3.6 mm) Blue	100	
5022-20-NZ	17582401	#20 Nozzle (5/32", 4.0 mm) Black	100	
5022-09-RNZ	17583181	#9 Rear Slotted Nozzle (9/128", 1.78 mm) Light Green	100	MTO
5022-BK-PLUG	17582001	Black Rear Plug	100	
Plastic Impact Nozzles: 5024 (Non SD) Low Angle Nozzles				
5024-9-12-NZ	17584251	#12 Nozzle (3/32", 2.4mm) 5024 9° Purple	100	MTO
5024-9-14-NZ	17584281	#14 Nozzle (7/64", 2.8mm) 5024 9° Orange	100	MTO
5024-9-15-NZ	17584301	#15 Nozzle (64/128", 3.0mm) 5024 9° Red	100	MTO
5024-9-16-NZ	17584321	#16 Nozzle (1/8", 3.2mm) 5024 9° Green	100	MTO
Plastic Impact Nozzles: 5024 (Non SD) High Angle Nozzles				
5024-14-12-NZ	17581251	#12 Nozzle (3/32" 2.4mm) 14° Purple	100	MTO
5024-14-14-NZ	17581281	#14 Nozzle (7/64" 2.8mm) 14° Orange	100	MTO
5024-14-15-NZ	17581321	#15 Nozzle (15/128" 3.0mm) 14° Red	100	MTO
5024-14-16-NZ	17581351	#16 Nozzle (1/8" 3.2mm) 14° Green	100	MTO
Plastic Impact Nozzles: 5024 Wedge Drive Nozzless				
5024-WD-09-NZ	17582181	#9 Nozzle (9/128", 1.8mm) 5024 WD Light Green	100	MTO
5024-WD-10-NZ	17582201	#10 Nozzle (5/64", 2.0mm) 5024 WD White	100	MTO
5024-WD-11-NZ	17582221	#11 Nozzle(11/128", 2.2mm) 5024 WD Brown	100	MTO



5022-12-NZ

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Plastic Impacts

Model #	Part #	Description	Bag Qty	Box Qty	Box Wt	Box Code	Stock Code
5035 SD — 3/4" Male Base, Single Bayonet Constructed Nozzle, 25 Degree Full Circle, Single Bayonet Constructed Nozzle							
5035SD-S18	16053502	#18 Nozzle (9/64", 3.6 mm) Blue		45	13	W	MTO
5035SD-S20	16053503	#20 Nozzle (5/32", 4.0 mm) Black		45	13	W	
5035SD-S22	16053504	#22 Nozzle (11/64", 4.4 mm) Brown		45	13	W	MTO
5035SD-S25	16053505	#25 Nozzle (25/128", 5.0 mm) Purple		45	13	W	MTO
5035SD-S28	16053506	#28 Nozzle (7/32", 5.6 mm) Orange		45	13	W	MTO
5035SD-S30	16053507	#30 Nozzle (15/64", 6.0 mm) Red		45	13	W	MTO
5035 SD — 3/4" Male Base, Single Bayonet Constructed Nozzle, 25 DegreePart Circle, Single Bayonet Constructed Nozzle							
5035SD-PC-S18	16053602	#18 Nozzle (9/64", 3.6 mm) Blue		45	13	W	MTO
5035SD-PC-S20	16053603	#20 Nozzle (5/32", 4.0 mm) Black		45	13	W	
5035SD-PC-S22	16053604	#22 Nozzle (11/64", 4.4 mm) Brown		45	13	W	MTO
5035SD-PC-S25	16053605	#25 Nozzle (25/128", 5.0 mm) Purple		45	13	W	MTO
5035 SD — 3/4" Male Base, Single Bayonet Constructed Nozzle, 25 Degree 5035 without Nozzle							
5035SD-RD-WO	16053501	Red Sleeve for 5/32" and smaller nozzles		45	13	W	MTO
5035SD-BK-WO	16053510	Black Sleeve for 11/64" and larger nozzles		45	13	W	MTO
5035 SD — 3/4" Male Base, Full Circle, Dual Bayonet Constructed Nozzles, 25 Degree							
5035SD-D18	16053512	#18 (9/64", 3.6mm) Blue Nozzle x 3/32" Nozzle		45	13	W	MTO
5035SD-D20	16053513	#20 (5/32", 4.0mm) Black Nozzle x 3/32" Nozzle		45	13	W	
5035SD-D22	16053514	#22 (11/64", 4.4mm) Brown Nozzle x 3/32" Nozzle		45	13	W	MTO
5035SD-D25	16053515	#25 (25/128", 5.0mm) Purple Nozzle x 3/32" Nozzle		45	13	W	MTO
5035SD-D28	16053516	#28 (7/32", 5.6mm) Orange Nozzle x 3/32" Nozzle		45	13	W	MTO
5035SD-D30	16053517	#30 (15/64", 6.0mm) Red Nozzle x 3/32" Nozzle		45	13	W	MTO
5035 Sprinkler Nozzles							
5035-18-NZ	17585351	#18 Nozzle (9/64", 3.6 mm) Blue	50	300		B	MTO
5035-20-NZ	17585401	#20 Nozzle (5/32", 4.0 mm) Black	50	300		B	MTO
5035-22-NZ	17585451	#22 Nozzle (11/64", 4.4 mm) Brown	50	300		B	MTO
5035-25-NZ	17585501	#25 Nozzle (25/128", 5.0 mm) Purple	50	300		B	MTO
5035-28-NZ	17585551	#28 Nozzle (7/32", 5.6 mm) Orange	50	300		B	MTO
5035-30-NZ	17585601	#30 Nozzle (15/64", 6.0 mm) Red	50	300		B	MTO
5035-12-RNZ	17583251	3/32" Rear Slotted Nozzle, Gray	50	300		B	MTO
5035-BK-PLUG	17582001	Black Rear Plug	100	1200		B	



5035SD-PC-S18



5035SD-D22



5035-18-NZ

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Metal Impacts

Model #	Part #	Description	Bag Qty	Box Qty	Box Wt (lbs)	Box Code	Stock Code
423 AG - 1/2" Male Base, Full and Part Circle, 25 Degree							
423AG-16	16043432	1/8" Green nozzle		75	43	W	MTO
423AG-18	16043435	9/64" Blue nozzle		75	43	W	
423AG-20	16043440	5/32" Black nozzle		75	43	W	

Model #	Part #	Description	Bag Qty	Box Qty	Box Wt	Box Code	Stock Code
233 AF - 3/4" Male, Full Circle, Anti-Frost, 30 Degree 233AF w/ Single Nozzle							
233AF-S18	16024640	#18 Nozzle (9/64", 3.6 mm) Blue		50	42	W	MTO
233AF-S20	16024642	#20 Nozzle (5/32", 4.0 mm) Black		50	42	W	
233AF-S22	16024644	#22 Nozzle (11/64", 4.4 mm) Brown		50	42	W	
233AF-S25	16024646	#25 Nozzle (25/128", 5.0 mm) Purple		50	42	W	MTO
233AF-S28	16024648	#28 Nozzle (7/32", 5.6 mm) Orange		50	42	W	MTO
233AF-S32	16024650	#32 Nozzle (1/4", 6.4 mm) Gray		50	42	W	MTO
233 AF - 3/4" Male, Full Circle, Anti-Frost, 30 Degree 233AF w/ Dual Nozzles							
233AF-D18	16024654	#18 Nozzle (9/64", 3.6 mm) Blue		50	42	W	MTO
233AF-D20	16024656	#20 Nozzle (5/32", 4.0 mm) Black		50	42	W	MTO
233AF-D22	16024658	#22 Nozzle (11/64", 4.4 mm) Brown		50	42	W	MTO
233AF-D25	16024660	#25 Nozzle (25/128", 5.0 mm) Purple		50	42	W	MTO
233AF-D28	16024662	#28 Nozzle (7/32", 5.6 mm) Orange		50	42	W	MTO
233AF-D32	16024664	#32 Nozzle (1/4", 6.4 mm) Gray		50	42	W	MTO
233 AF - 3/4" Male, Full Circle, Anti-Frost, 30 Degree 233AF without Nozzles							
233AF-RD-WO	16024600	233AF without Nozzle, Red Sleeve for 11/64" and smaller nozzles		50	42	W	MTO
233AF-BK-WO	16024601	233AF without Nozzle, Black Sleeve for 25/128" and larger nozzles		50	42	W	MTO
233 Sprinkler Nozzles							
233AF-18-NZ	17585355	#18 Nozzle (9/64", 3.6 mm) Blue	50				MTO
233AF-20-NZ	17585405	#20 Nozzle (5/32", 4.0 mwm) Black	50				MTO
233AF-22-NZ	17585455	#22 Nozzle (11/64", 4.4 mm) Brown	50				MTO
233AF-25-NZ	17585505	#25 Nozzle (25/128", 5.0 mm) Purple	50				MTO
233AF-28-NZ	17585555	#28 Nozzle (7/32", 5.6 mm) Orange	50				MTO
233AF-32-NZ	17585655	#32 Nozzle (1/4", 6.4 mm) Gray	50				MTO
233AF-12-RNZ	17544251	#12 Rear Slotted Nozzle (3/32", 2.4 mm) , Gray	100				MTO



423AG-20



233AF-D20



233AF-18-NZ

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Field Stands

Series #	Stand Size		PVC Tubing		Connection Type		Take-Off Type		Options	
179	5	Stand 47B	1	24"	2	1/2" FPT	1	Barb 4/7	0	None
			2	30"	4	Acme				
			3	36"						
			4	39"						
			5	48"						
	6	Stand 47	1	24"	1	Press-Fit	2	Barb 4/7	0	None
			2	30"	2	1/2" FPT	3	Bayonet 5/8		
			3	36"			4	Take Apart 5/8		
	7	Stand 58 (Stand 50)	1	24"	1	Press-Fit	2	Barb 5/8	0	None
			2	30"	2	1/2" FPT	3	Bayonet 5/8		
			3	36"	3	1/2" MPT	4	Take Apart 5/8		
			4	39"						
			5	48"						
	8	Stand 710	1	24"	1	Press-Fit	2	Barb 7/10	0	None
			2	30"	2	1/2" FPT	4	Take Apart 7/10		
			3	36"						
			4	39"						
			5	48"						
	9	Stand 912 (Stand 52)	1	24"	2	1/2" FPT	2	Barb 9/12	0	None
			2	30"	3	1/2" FPT - LPD	4	Take Apart 9/12		
			3	36"						
			4	39"						
			5	48"						
			6	60"						
Example: 179	7		1		2		4		0	

Catalog Number: 179 7 1 2 4 0

Description: Series 179 mounted on a Stand 58 (Stake 37), with 24" tubing lead, 1/2" FPT adapter for Mini-Revolver and a 5/8" take Apart Friction Insert

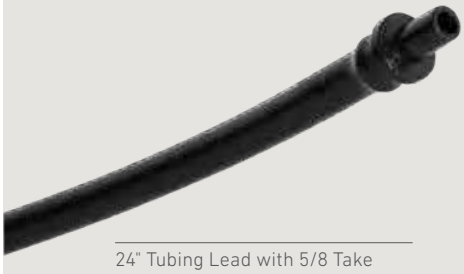
* Take apart Field Stands do NOT include hose adapter.

Field Stand Examples





Stand Size Options
17493203 8mm Galvanized Rod 24"
17097947 Stake 37, Red
17493205 8mm Fiberglass Rod Black - 24'



24" Tubing Lead with 5/8 Take Apart Insert



18047343
Blue 35 GPH @ 35 PSI, 46 ft Diameter



11990071
Detachable Start Connector 5/8



Black Polyethylene Tubing



17097108
1/2" FPT Agri-Connector 5/8 mm

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Field Stands

Model #	Part #	Description	Bag Qty	Box Qty	Box Code	Stock Code
Field Stand Connection Adapters						
ACME-1/2A	12290120	Acme x 1/2" Slip PVC Adaptor	50	400	F	MTO
FACME-1/2NPT	12290121	1/2" Female Pipe Thread x Female ACME Coupler		550	Y	MTO
MOD-BF-BB	17090710	Black Butterfly 4/7 Barb	100	1200	C	
AGC-12F-47	17097707	1/2" FPT Agri-connector 4/7mm	25	400	F	MTO
AGC-12F-58	17097108	1/2" FPT Agri-connector 5/8mm	25	400	F	MTO
AGC-12M-58	17482811	1/2" MPT Adapter 5/8mm	25	400	F	MTO
AGC-12F-710	17097110	1/2" FPT Agri-connector 7/10mm	25	400	F	MTO
AGC-12F-912	17097712	1/2" FPT Agri-connector 9/12mm	25	400	F	MTO
FSA-12F-912	17482821	1/2" FPT Adapter 9/12mm	25	400	F	MTO
FSA-12F-FR15-912	17482601	1/2" FPT Adapter Reg. 1.5gpm 9/12mm	25	400	F	MTO
Field Stand LPD						
ILPD-12B	11990512	Irristand 52 LPD barb 12mm		230		MTO
ILPD-16B	11990516	Irristand 56 LPD barb 16mm		230		MTO
ILPD-50NPT	11990601	Universal 1/2" LPD		270		MTO
ILPD-7550NPT	11990602	Universal 3/4" x 1/2" LPD		250		MTO
Field Stand Take Off Adapters						
47-TB	17097032	Barb 4/7mm	100	2800	B	
58-TB	12291015	Barb 5/8mm	100	2800	B	MTO
710-TB	11997047	Barb 7/10mm	100	800	B	MTO
912-TB	12291016	Barb 9/12mm	25	500	B	
HAD-FM-BY	17497051	Bayonet Male Start Connector 4/7	100	2800	B	MTO
HAD-MA-BY	17497041	Bayonet Hose Adapter 4/7	100	2800	B	MTO
HAD-PG-BY	17497031	Plug for Bayonet 4/7	100	2800	B	MTO
FS-SC-58	11990071	Detachable Male Start Connector 5/8	25	500		
FS-SC-710	11990077	Detachable Male Start Connector 7/10	25	500	B	MTO
FS-SC-912	17030902	Detachable Male Start Connector 9/12	25	500	B	MTO
FS-HA-58	11990044	Detachable Female Start Hose Adapter 5/8	500	5000		
FS-HA-710	11990904	Detachable Female Start Hose Adapter 7/10	25	1200	B	MTO
FS-HA-912	17030904	Detachable Female Start Hose Adapter 9/12	25	1200	B	MTO
N/A	11990065	Plug for Detachable 5/8 Start Connector				
N/A	11990906	Plug for Detachable 7/10 Start Connector				
FS-PLUG-912	17030906	Plug for Detachable 9/12 Start Con	25	1200	B	











4/7 is designed for 276 x 158 vinyl tubing
5/8 is designed for 300 x 190 vinyl tubing
7/10 is designed for 400 x 275 vinyl tubing
9/12 is designed for 505 x 355 vinyl tubing

Field Stands

Model #	Part #	Description	Bag Qty	Box Qty	Box Code	Stock Code
Stakes						
BUR-STK-47	12290250	Burial Stake		9100	A	
ROD-G6-48	17493201	6mm Galv Rod - 48"				MTO
ROD-F8-RD-24	17493212	8mm Red Fibreglass Rod - 24"				MTO
ROD-F8-RD-36	17493213	8mm Red Fibreglass Rod - 36"				MTO
ROD-F8-RD-48	17493214	8mm Red Fibreglass Rod - 48"				MTO
ROD-G8-24	17493203	8mm Galv Rod - 24"				MTO
ROD-G8-48	17493601	8mm Galv Rod - 48"				
ROD-GR8-48	17493652	8mm Galv Rod w/ Stabilizer Ring - 48"				MTO
ROD-GF8-48	17493600	8mm Galv Rod w/ Footpeg - 48"				MTO
Accessories						
FSA-A8	17482820	Adapter to 8mm Rod				MTO
PP-47	17097785	4/7 Hole Punch	1	10	B	
PP-58	17030058	5/8 Hole Punch	1			
AP030	12071008	3.0 mm Hole Punch/Dan/Naan	1	10	B	
AP036	12071009	3.6 mm Hole Punch 250 Series	1	10	B	
AP070	12071025	7.0 mm Hole Punch 400 Series	1	10	B	
PP-400	12070065	400 Series Punch (use w/ 9/12 fittings)	1	10	B	
11930099	16090099	Pusher for Adapter	1	10	B	MTO



BUR-STK-47



PP-400

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11915001	2002-IY-NZ	F-03	$1.75
11915100	2002-BN-NZ	F-03	$1.75
11915102	2002-GN-NZ	F-03	$1.75
11915103	2002-BE-NZ	F-03	$1.75
11915104	2002-VT-NZ	F-03	$1.75
11915105	2002-OE-NZ	F-03	$1.75
11915106	2002-YW-NZ	F-03	$1.75
11915107	2002-RD-NZ	F-03	$1.75
11915108	2002-BK-NZ	F-03	$1.75
11915109	2002-GY-NZ	F-03	$1.75
11917000	2002-IBODY	F-03	$1.98
11919000	2005-IBODY	F-05	$1.37
11990044	FS-HA-58	F-30	$0.61
11990065	N/A	F-30	$0.55
11990071	FS-SC-58	F-30	$0.49
11990077	FS-SC-710	F-30	$0.70
11990100	FNF-CON	F-17	$1.15
11990512	ILPD-12B	F-30	$8.16
11990516	ILPD-16B	F-30	$8.16
11990601	ILPD-50NPT	F-30	$8.16
11990602	ILPD-7550NPT	F-30	$8.16
11990904	FS-HA-710	F-30	$0.43
11990906	N/A	F-30	$0.61
11997030	TA-PVC-BF-BB-24	F-10	$1.79
11997032	TA-PVC-BF-BB-30	F-10	$1.90
11997036	TA-PVC-BF-BB-36	F-10	$1.99
11997040	TA-PVC-BF-BB-48	F-10	$2.19
11997042	TA-PVC-BF-BB-60	F-10	$2.39
11997047	710-TB	F-30	$0.61
11997140	TA-PVC-BF-BB-WT-12	F-10	$2.57
11997142	TA-PVC-BF-BB-WT-18	F-10	$2.68
11997143	TA-PVC-BF-BB-WT-24	F-10	$2.72
11997146	TA-PVC-BF-BB-WT-30	F-10	$2.85
11997149	TA-PVC-BF-BB-WT-36	F-10	$2.95
11997152	TA-PVC-BF-BB-WT-48	F-10	$3.15
11997155	TA-PVC-BF-BB-WT-60	F-10	$3.35
12010595	47-COLLAR	F-15	$0.30
12070065	PP-400	F-31	$42.99
12071006	AP025	F-17	$17.14
12071008	AP030	F-17	$17.14

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12071008	AP030	F-31	$17.14
12071009	AP036	F-31	$17.14
12071025	AP070	F-31	$17.14
12290009	170-TB	F-17	$0.17
12290120	ACME-1/2A	F-30	$1.04
12290121	FACME-1/2NPT	F-30	$1.04
12290170	JJ-PR	F-17	$5.67
12290250	BUR-STK-47	F-31	$1.18
12291015	58-TB	F-30	$0.29
12291016	912-TB	F-30	$1.03
12291066	DRAMM-GRO	F-17	$0.49
12501132	MS-12DR	F-15	$0.89
12501133	JJ-TOPHAT	F-15	$0.39
16024600	233AF-RD-WO	F-27	$36.61
16024601	233AF-BK-WO	F-27	$36.61
16024640	233AF-S18	F-27	$36.61
16024642	233AF-S20	F-27	$36.61
16024644	233AF-S22	F-27	$36.61
16024646	233AF-S25	F-27	$36.61
16024648	233AF-S28	F-27	$36.61
16024650	233AF-S32	F-27	$36.61
16024654	233AF-D18	F-27	$36.61
16024656	233AF-D20	F-27	$36.61
16024658	233AF-D22	F-27	$36.61
16024660	233AF-D25	F-27	$36.61
16024662	233AF-D28	F-27	$36.61
16024664	233AF-D32	F-27	$36.61
16043432	423AG-16	F-27	$32.22
16043435	423AG-18	F-27	$32.22
16043440	423AG-20	F-27	$32.22
16046010	429AG-RD-WO	F-22	$19.11
16046510	429AG-BK-WO	F-22	$19.11
16047623	429AG-S14	F-22	$19.11
16047633	429AG-S15	F-22	$19.11
16047643	429AG-S16	F-22	$19.11
16047653	429AG-S18	F-22	$19.11
16047663	429AG-S20	F-22	$19.11
16052500	5024SD-BK-WO	F-24	$16.79
16052530	5024SD-RD-WO	F-24	$16.79
16052551	5024SD-12-S12	F-24	$16.79

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16052553	5024SD-12-S15	F-24	$16.79
16052554	5024SD-12-S16	F-24	$16.79
16052555	5024SD-12-S18	F-24	$16.79
16052652	5024WD-S09	F-24	$16.79
16052701	5022SD-S12	F-22	$16.79
16052701	5022SD-RD-BE-WO	F-22	$16.79
16052702	5022SD-S14	F-22	$16.79
16052703	5022SD-S15	F-22	$16.79
16052704	5022SD-S16	F-22	$16.79
16052705	5022SD-S18	F-22	$16.79
16052706	5022SD-S20	F-22	$16.79
16052711	5022SD-D12	F-22	$16.79
16052712	5022SD-D14	F-22	$16.79
16052713	5022SD-D15	F-22	$16.79
16052714	5022SD-D16	F-22	$16.79
16052715	5022SD-D18	F-22	$16.79
16052716	5022SD-D20	F-22	$16.79
16052720	5022SD-BK-BK-WO	F-22	$16.79
16052722	5022SD-BK-BE-WO	F-22	$16.79
16053501	5035SD-RD-WO	F-26	$23.66
16053502	5035SD-S18	F-26	$23.66
16053503	5035SD-S20	F-26	$23.66
16053504	5035SD-S22	F-26	$23.66
16053505	5035SD-S25	F-26	$23.66
16053506	5035SD-S28	F-26	$23.66
16053507	5035SD-S30	F-26	$23.66
16053510	5035SD-BK-WO	F-26	$23.66
16053512	5035SD-D18	F-26	$23.66
16053513	5035SD-D20	F-26	$23.66
16053514	5035SD-D22	F-26	$23.66
16053515	5035SD-D25	F-26	$23.66
16053516	5035SD-D28	F-26	$23.66
16053517	5035SD-D30	F-26	$23.66
16053602	5035SD-PC-S18	F-26	$31.55
16053603	5035SD-PC-S20	F-26	$31.55
16053604	5035SD-PC-S22	F-26	$31.55
16053605	5035SD-PC-S25	F-26	$31.55
16090099	11930099	F-31	$50.70
17010402	2002-REG-DPH	F-03	$0.77

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17015007	2002-RD-BR	F-03	$0.38
17015018	2002-CLIP	F-03	$0.38
17015500	2002-BB-B	F-03	$0.72
17015502	2002-FM-B	F-03	$0.72
17015504	2002-38-B	F-03	$0.72
17015506	2002-QT-B	F-03	$0.72
17015600	2002-BODY	F-03	$1.15
17016202	2002-GN-INV	F-03	$0.45
17016203	2002-BE-1S	F-03	$0.45
17016207	2002-RD-1S	F-03	$0.45
17016208	2002-BK-1S	F-03	$0.45
17016213	2002-BE-2S	F-03	$0.45
17016215	2002-OE-1S	F-03	$0.45
17016217	2002-RD-2S	F-03	$0.45
17016218	2002-BK-2S	F-03	$0.45
17018600	2005-BODY	F-05	$0.71
17019100	2005-BN-FM-NZ	F-05	$1.05
17019102	2005-GN-FM-NZ	F-05	$1.05
17019103	2005-BE-FM-NZ	F-05	$1.05
17019104	2005-VT-FM-NZ	F-05	$1.05
17019105	2005-OE-FM-NZ	F-05	$1.05
17019108	2005-BK-FM-NZ	F-05	$1.05
17019109	2005-GY-FM-NZ	F-05	$1.05
17019110	2005-BN-38-NZ	F-05	$1.05
17019112	2005-GN-38-NZ	F-05	$1.05
17019113	2005-BE-38-NZ	F-05	$1.05
17019114	2005-VT-38-NZ	F-05	$1.05
17019115	2005-OE-38-NZ	F-05	$1.05
17019118	2005-BK-38-NZ	F-05	$1.05
17019119	2005-GY-38-NZ	F-05	$1.05
17019120	2005-BN-12-NZ	F-05	$1.05
17019122	2005-GN-12-NZ	F-05	$1.05
17019123	2005-BE-12-NZ	F-05	$1.05
17019124	2005-VT-12-NZ	F-05	$1.05
17019125	2005-OE-12-NZ	F-05	$1.05
17019128	2005-BK-12-NZ	F-05	$1.05
17019129	2005-GY-12-NZ	F-05	$1.05
17019150	2005-BN-QT-NZ	F-05	$1.05
17019152	2005-GN-QT-NZ	F-05	$1.05
17019153	2005-BE-QT-NZ	F-05	$1.05

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17019155	2005-OE-QT-NZ	F-05	$1.05
17019158	2005-BK-QT-NZ	F-05	$1.05
17019159	2005-GY-QT-NZ	F-05	$1.05
17019202	2005-GN-1S	F-05	$0.55
17019203	2005-BE-1S	F-05	$0.55
17019208	2005-BK-1S	F-05	$0.55
17019209	2005-GY-1S	F-05	$0.55
17019212	2005-GN-IS	F-05	$0.55
17019223	2005-BE-2S	F-05	$0.55
17019228	2005-BK-2S	F-05	$0.55
17019229	2005-GY-2S	F-05	$0.55
17019308	2005-QT-A	F-05	$0.51
17030045	S10-BALL	F-19	$1.05
17030047	S10-CUSH	F-19	$0.23
17030050	S10-WRENCH	F-19	$3.45
17030058	PP-58	F-31	$50.24
17030420	S10-R-DPH	F-19	$0.86
17030902	FS-SC-912	F-30	$0.76
17030904	FS-HA-912	F-30	$0.46
17030906	FS-PLUG-912	F-30	$0.78
17031302	S10-GN-SI	F-19	$2.63
17031303	S10-BE-SI	F-19	$2.23
17031306	S10-YW-SI	F-19	$2.63
17031307	S10-RD-SI	F-19	$2.23
17031408	S10-BWASH	F-19	$0.89
17031550	S10-NON-B	F-19	$1.83
17031559	S10-REG-B	F-19	$1.83
17033001	S10-PLATE	F-19	$1.04
17033401	S10-CWASH	F-19	$1.09
17035010	S10-25-BODY	F-19	$1.31
17035017	S10-14-BODY	F-19	$1.31
17035050	S10-NOZ-B	F-19	$0.56
17035100	S10-BN-NZ	F-19	$1.04
17035102	S10-GN-NZ	F-19	$1.04
17035103	S10-BE-NZ	F-19	$1.04
17035104	S10-VT-NZ	F-19	$1.04
17035106	S10-YW-NZ	F-19	$1.04
17035107	S10-RD-NZ	F-19	$1.04
17035600	S10-COVER	F-19	$1.25

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17035800	S10-RP	F-19	$1.96
17040001	MR-BALL	F-21	$0.87
17040400	MR-R-DPH	F-21	$0.86
17040410	MR-SEAL	F-21	$0.56
17040412	MR-BWASH	F-21	$1.05
17040552	MR-NON-B	F-21	$2.11
17040559	MR-REG-B	F-21	$2.11
17041128	MR-NT	F-21	$1.01
17041303	MR-BE-ENG	F-21	$1.05
17041305	MR-OE-ENG	F-21	$1.05
17041307	MR-RD-ENG	F-21	$1.05
17041308	MR-BK-ENG	F-21	$1.05
17041350	MR-NON-APT	F-21	$1.54
17041353	MR-BE-APT	F-21	$1.05
17041355	MR-OE-APT	F-21	$1.05
17041357	MR-RD-APT	F-21	$1.05
17041358	MR-BK-APT	F-21	$1.05
17041600	MR-COVER	F-21	$0.81
17043000	2002-TP	F-03	$0.45
17043001	MR-ORING	F-21	$0.34
17043005	MR-RP	F-21	$1.44
17043400	MR-CWASH	F-21	$1.02
17043502	MR-ENG	F-21	$0.49
17047101	MR-BR-NZ	F-21	$0.76
17047102	MR-BE-NZ	F-21	$0.76
17047104	MR-VT-NZ	F-21	$0.76
17047105	MR-OE-NZ	F-21	$0.76
17047106	MR-YW-NZ	F-21	$0.76
17047107	MR-RD-NZ	F-21	$0.76
17047108	MR-BK-NZ	F-21	$0.76
17050012	MOD-GN-AM	F-09	$0.47
17050013	MOD-BE-AM	F-09	$0.47
17050015	MOD-OE-AM	F-09	$0.47
17050016	MOD-YW-AM	F-09	$0.47
17050100	MOD-BN-NZ	F-09	$0.34
17050101	MOD-IY-NZ	F-09	$0.34
17050102	MOD-GN-NZ	F-09	$0.34
17050103	MOD-BE-NZ	F-09	$0.34
17050104	MOD-VT-NZ	F-09	$0.34
17050105	MOD-OE-NZ	F-09	$0.34

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17050106	MOD-YW-NZ	F-09	$0.34
17050107	MOD-RD-NZ	F-09	$0.34
17050108	MOD-BK-NZ	F-09	$0.34
17050109	MOD-GY-NZ	F-09	$0.34
17050202	MOD-GK-S	F-09	$0.46
17050208	MOD-BKS-S	F-09	$0.46
17050215	MOD-OO-S	F-09	$0.46
17050217	MOD-IPS-S	F-09	$0.46
17050218	MOD-BR-S	F-09	$0.46
17050220	MOD-IPC-S	F-09	$0.46
17050228	MOD-BES-S	F-09	$0.46
17050302	MOD-GJ-S	F-10	$0.46
17050303	MOD-BS-S	F-10	$0.46
17050305	MOD-OC-S	F-10	$0.46
17050306	MOD-YF-S	F-10	$0.46
17050308	MOD-90-S	F-10	$0.46
17050314	MOD-VMD-S	F-10	$0.46
17050317	MOD-180-S	F-10	$0.46
17050600	MOD-BODY	F-09	$1.05
17090710	MOD-BF-47B	F-09	$0.67
17090710	MOD-BF-BB	F-30	$0.67
17091239	FNF-PLUG	F-17	$0.31
17097001	MOD-12-B	F-09	$1.26
17097002	MOD-38-B	F-09	$1.26
17097016	MOD-BF-38T	F-09	$0.67
17097017	MOD-BF-QT	F-09	$0.67
17097030	MOD-BF-38T47B	F-09	$0.67
17097032	47-TB	F-17	$0.18
17097032	47-TB	F-30	$0.18
17097051	WEIGHT	F-17	$0.83
17097108	AGC-12F-58	F-30	$1.22
17097110	AGC-12F-710	F-30	$1.22
17097707	AGC-12F-47	F-30	$1.22
17097712	AGC-12F-912	F-30	$1.22
17097785	PP-47	F-17	$20.36
17097785	PP-47	F-31	$20.36
17097907	STAKE-31R	F-10	$1.08
17097908	STAKE-31B	F-10	$1.08
17097917	STAKE-34R	F-15	$1.15
17097947	STAKE-37R	F-03	$1.17

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17135440	S10-NON-25-BN	F-18	$12.68
17135442	S10-NON-25-GN	F-18	$12.68
17135443	S10-NON-25-BE	F-18	$12.68
17135446	S10-NON-25-YW	F-18	$12.68
17135447	S10-NON-25-RD	F-18	$12.68
17135742	S10-NON-14-GN	F-18	$12.68
17135744	S10-NON-14-VT	F-18	$12.68
17135746	S10-NON-14-YW	F-18	$12.68
17135747	S10-NON-14-RD	F-18	$12.68
17136442	S10-REG-25-GN	F-18	$15.88
17136443	S10-REG-25-BE	F-18	$15.88
17136446	S10-REG-25-YW	F-18	$15.88
17136447	S10-REG-25-RD	F-18	$15.88
17136742	S10-REG-14-GN	F-18	$15.88
17136744	S10-REG-14-VT	F-18	$15.88
17136746	S10-REG-14-YW	F-18	$15.88
17136747	S10-REG-14-RD	F-18	$15.88
17482601	FSA-12F-FR15-912	F-30	$6.13
17482811	AGC-12M-58	F-30	$1.22
17482820	FSA-A8	F-31	$1.58
17482821	FSA-12F-912	F-30	$2.15
17493201	ROD-G6-48	F-31	$3.21
17493203	ROD-G8-24	F-31	$4.03
17493212	ROD-F8-RD-24	F-31	$3.25
17493213	ROD-F8-RD-36	F-31	$4.88
17493214	ROD-F8-RD-48	F-31	$5.85
17493600	ROD-GF8-48	F-31	$6.63
17493601	ROD-G8-48	F-31	$6.63
17493652	ROD-GR8-48	F-31	$10.68
17497031	HAD-PG-BY	F-30	$0.52
17497041	HAD-MA-BY	F-30	$0.52
17497051	HAD-FM-BY	F-30	$0.52
17544251	233AF-12-RNZ	F-27	$1.83
17581251	5024-14-12-NZ	F-25	$1.83
17581281	5024-14-14-NZ	F-25	$1.83
17581321	5024-14-15-NZ	F-25	$1.83
17581351	5024-14-16-NZ	F-25	$1.83
17582001	5022-BK-PLUG	F-25	$1.83
17582001	5035-BK-PLUG	F-26	$1.83

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17582201	5024-WD-10-NZ	F-25	$1.83
17582221	5024-WD-11-NZ	F-25	$1.83
17582251	5022-12-NZ	F-25	$1.83
17582281	5022-14-NZ	F-25	$1.83
17582301	5022-15-NZ	F-25	$1.83
17582321	5022-16-NZ	F-25	$1.83
17582351	5022-18-NZ	F-25	$1.83
17582401	5022-20-NZ	F-25	$1.83
17583181	5022-09-RNZ	F-25	$1.83
17583251	5035-12-RNZ	F-26	$1.83
17584251	5024-9-12-NZ	F-25	$1.83
17584281	5024-9-14-NZ	F-25	$1.83
17584301	5024-9-15-NZ	F-25	$1.83
17584321	5024-9-16-NZ	F-25	$1.83
17585351	5035-18-NZ	F-26	$3.35
17585355	233AF-18-NZ	F-27	$3.35
17585401	5035-20-NZ	F-26	$3.35
17585405	233AF-20-NZ	F-27	$3.35
17585451	5035-22-NZ	F-26	$3.35
17585455	233AF-22-NZ	F-27	$3.35
17585501	5035-25-NZ	F-26	$3.35
17585505	233AF-25-NZ	F-27	$3.35
17585551	5035-28-NZ	F-26	$3.35
17585555	233AF-28-NZ	F-27	$3.35
17585601	5035-30-NZ	F-26	$3.35
17585655	233AF-32-NZ	F-27	$3.35
18047341	MR-NON-BR*	F-20	$9.10
18047343	MR-NON-BE	F-20	$9.10
18047344	MR-NON-VT	F-20	$9.10
18047345	MR-NON-OE	F-20	$9.10
18047346	MR-NON-YW	F-20	$9.10
18047347	MR-NON-RD	F-20	$9.10
18047348	MR-NON-BK	F-20	$9.10
18047443	MR-REG-BE	F-20	$10.92
18047444	MR-REG-VT	F-20	$10.92
18047445	MR-REG-OE	F-20	$10.92
18047446	MR-REG-YW	F-20	$10.92
18047447	MR-REG-RD	F-20	$10.92
18047448	MR-REG-BK	F-20	$10.92
22020071	MS-12DR-36PE	F-15	$1.36

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F-03	2002-GN-NZ	11915102	$1.75
F-03	2002-BE-NZ	11915103	$1.75
F-03	2002-VT-NZ	11915104	$1.75
F-03	2002-OE-NZ	11915105	$1.75
F-03	2002-YW-NZ	11915106	$1.75
F-03	2002-RD-NZ	11915107	$1.75
F-03	2002-BK-NZ	11915108	$1.75
F-03	2002-GY-NZ	11915109	$1.75
F-03	2002-IBODY	11917000	$1.98
F-03	2002-REG-DPH	17010402	$0.77
F-03	2002-RD-BR	17015007	$0.38
F-03	2002-CLIP	17015018	$0.38
F-03	2002-BB-B	17015500	$0.72
F-03	2002-FM-B	17015502	$0.72
F-03	2002-38-B	17015504	$0.72
F-03	2002-QT-B	17015506	$0.72
F-03	2002-BODY	17015600	$1.15
F-03	2002-GN-INV	17016202	$0.45
F-03	2002-BE-1S	17016203	$0.45
F-03	2002-RD-1S	17016207	$0.45
F-03	2002-BK-1S	17016208	$0.45
F-03	2002-BE-2S	17016213	$0.45
F-03	2002-OE-1S	17016215	$0.45
F-03	2002-RD-2S	17016217	$0.45
F-03	2002-BK-2S	17016218	$0.45
F-03	2002-TP	17043000	$0.45
F-03	STAKE-37R	17097947	$1.17
F-05	2005-IBODY	11919000	$1.37
F-05	2005-BODY	17018600	$0.71
F-05	2005-BN-FM-NZ	17019100	$1.05
F-05	2005-GN-FM-NZ	17019102	$1.05
F-05	2005-BE-FM-NZ	17019103	$1.05
F-05	2005-VT-FM-NZ	17019104	$1.05
F-05	2005-OE-FM-NZ	17019105	$1.05
F-05	2005-BK-FM-NZ	17019108	$1.05
F-05	2005-GY-FM-NZ	17019109	$1.05
F-05	2005-BN-38-NZ	17019110	$1.05
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F-05	2005-OE-38-NZ	17019115	$1.05
F-05	2005-BK-38-NZ	17019118	$1.05
F-05	2005-GY-38-NZ	17019119	$1.05
F-05	2005-BN-12-NZ	17019120	$1.05
F-05	2005-GN-12-NZ	17019122	$1.05
F-05	2005-BE-12-NZ	17019123	$1.05
F-05	2005-VT-12-NZ	17019124	$1.05
F-05	2005-OE-12-NZ	17019125	$1.05
F-05	2005-BK-12-NZ	17019128	$1.05
F-05	2005-GY-12-NZ	17019129	$1.05
F-05	2005-BN-QT-NZ	17019150	$1.05
F-05	2005-GN-QT-NZ	17019152	$1.05
F-05	2005-BE-QT-NZ	17019153	$1.05
F-05	2005-VT-QT-NZ	17019154	$1.05
F-05	2005-OE-QT-NZ	17019155	$1.05
F-05	2005-BK-QT-NZ	17019158	$1.05
F-05	2005-GY-QT-NZ	17019159	$1.05
F-05	2005-GN-1S	17019202	$0.55
F-05	2005-BE-1S	17019203	$0.55
F-05	2005-BK-1S	17019208	$0.55
F-05	2005-GY-1S	17019209	$0.55
F-05	2005-GN-IS	17019212	$0.55
F-05	2005-BE-2S	17019223	$0.55
F-05	2005-BK-2S	17019228	$0.55
F-05	2005-GY-2S	17019229	$0.55
F-05	2005-QT-A	17019308	$0.51
F-05	STAKE-37R	17097947	$1.17
F-09	MOD-GN-AM	17050012	$0.47
F-09	MOD-BE-AM	17050013	$0.47
F-09	MOD-OE-AM	17050015	$0.47
F-09	MOD-YW-AM	17050016	$0.47
F-09	MOD-BN-NZ	17050100	$0.34
F-09	MOD-IY-NZ	17050101	$0.34
F-09	MOD-GN-NZ	17050102	$0.34
F-09	MOD-BE-NZ	17050103	$0.34
F-09	MOD-VT-NZ	17050104	$0.34
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F-09	MOD-GK-S	17050202	$0.46
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F-09	MOD-BODY	17050600	$1.05
F-09	MOD-BF-47B	17090710	$0.67
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F-09	MOD-38-B	17097002	$1.26
F-09	MOD-BF-38T	17097016	$0.67
F-09	MOD-BF-QT	17097017	$0.67
F-09	MOD-BF-38T47B	17097030	$0.67
F-10	TA-PVC-BF-BB-24	11997030	$1.79
F-10	TA-PVC-BF-BB-30	11997032	$1.90
F-10	TA-PVC-BF-BB-36	11997036	$1.99
F-10	TA-PVC-BF-BB-48	11997040	$2.19
F-10	TA-PVC-BF-BB-60	11997042	$2.39
F-10	TA-PVC-BF-BB-WT-12	11997140	$2.57
F-10	TA-PVC-BF-BB-WT-18	11997142	$2.68
F-10	TA-PVC-BF-BB-WT-24	11997143	$2.72
F-10	TA-PVC-BF-BB-WT-30	11997146	$2.85
F-10	TA-PVC-BF-BB-WT-36	11997149	$2.95
F-10	TA-PVC-BF-BB-WT-48	11997152	$3.15
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F-10	MOD-GJ-S	17050302	$0.46
F-10	MOD-BS-S	17050303	$0.46
F-10	MOD-OC-S	17050305	$0.46
F-10	MOD-YF-S	17050306	$0.46
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F-10	MOD-VMD-S	17050314	$0.46
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F-10	STAKE-31R	17097907	$1.08
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F-15	47-COLLAR	12010595	$0.30
F-15	MS-12DR	12501132	$0.89
F-15	JJ-TOPHAT	12501133	$0.39
F-15	STAKE-34R	17097917	$1.15
F-15	MS-12DR-36PE	22020071	$1.36
F-17	FNF-CON	11990100	$1.15
F-17	AP025	12071006	$17.14
F-17	AP030	12071008	$17.14
F-17	170-TB	12290009	$0.17
F-17	JJ-PR	12290170	$5.67
F-17	DRAMM-GRO	12291066	$0.49
F-17	FNF-PLUG	17091239	$0.31
F-17	47-TB	17097032	$0.18
F-17	WEIGHT	17097051	$0.83
F-17	PP-47	17097785	$20.36
F-18	S10-NON-25-BN	17135440	$12.68
F-18	S10-NON-25-GN	17135442	$12.68
F-18	S10-NON-25-BE	17135443	$12.68
F-18	S10-NON-25-YW	17135446	$12.68
F-18	S10-NON-25-RD	17135447	$12.68
F-18	S10-NON-14-GN	17135742	$12.68
F-18	S10-NON-14-VT	17135744	$12.68
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F-18	S10-NON-14-RD	17135747	$12.68
F-18	S10-REG-25-GN	17136442	$15.88
F-18	S10-REG-25-BE	17136443	$15.88
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F-18	S10-REG-25-RD	17136447	$15.88
F-18	S10-REG-14-GN	17136742	$15.88
F-18	S10-REG-14-VT	17136744	$15.88
F-18	S10-REG-14-YW	17136746	$15.88
F-18	S10-REG-14-RD	17136747	$15.88
F-19	S10-BALL	17030045	$1.05
F-19	S10-CUSH	17030047	$0.23
F-19	S10-WRENCH	17030050	$3.45
F-19	S10-R-DPH	17030420	$0.86
F-19	S10-GN-SI	17031302	$2.63
F-19	S10-BE-SI	17031303	$2.23
F-19	S10-YW-SI	17031306	$2.63
F-19	S10-RD-SI	17031307	$2.23
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F-19	S10-CWASH	17033401	$1.09
F-19	S10-25-BODY	17035010	$1.31
F-19	S10-14-BODY	17035017	$1.31
F-19	S10-NOZ-B	17035050	$0.56
F-19	S10-BN-NZ	17035100	$1.04
F-19	S10-GN-NZ	17035102	$1.04
F-19	S10-BE-NZ	17035103	$1.04
F-19	S10-VT-NZ	17035104	$1.04
F-19	S10-YW-NZ	17035106	$1.04
F-19	S10-RD-NZ	17035107	$1.04
F-19	S10-COVER	17035600	$1.25
F-19	S10-RP	17035800	$1.96
F-20	MR-NON-BR*	18047341	$9.10
F-20	MR-NON-BE	18047343	$9.10
F-20	MR-NON-VT	18047344	$9.10
F-20	MR-NON-OE	18047345	$9.10
F-20	MR-NON-YW	18047346	$9.10
F-20	MR-NON-RD	18047347	$9.10
F-20	MR-NON-BK	18047348	$9.10
F-20	MR-REG-BE	18047443	$10.92
F-20	MR-REG-VT	18047444	$10.92
F-20	MR-REG-OE	18047445	$10.92
F-20	MR-REG-YW	18047446	$10.92
F-20	MR-REG-RD	18047447	$10.92
F-20	MR-REG-BK	18047448	$10.92
F-21	MR-BALL	17040001	$0.87
F-21	MR-R-DPH	17040400	$0.86
F-21	MR-SEAL	17040410	$0.56
F-21	MR-BWASH	17040412	$1.05
F-21	MR-NON-B	17040552	$2.11
F-21	MR-REG-B	17040559	$2.11
F-21	MR-NT	17041128	$1.01
F-21	MR-BE-ENG	17041303	$1.05
F-21	MR-OE-ENG	17041305	$1.05
F-21	MR-RD-ENG	17041307	$1.05
F-21	MR-BK-ENG	17041308	$1.05
F-21	MR-NON-APT	17041350	$1.54
F-21	MR-BE-APT	17041353	$1.05

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F-21	MR-BK-APT	17041358	$1.05
F-21	MR-COVER	17041600	$0.81
F-21	MR-ORING	17043001	$0.34
F-21	MR-RP	17043005	$1.44
F-21	MR-CWASH	17043400	$1.02
F-21	MR-ENG	17043502	$0.49
F-21	MR-BR-NZ	17047101	$0.76
F-21	MR-BE-NZ	17047102	$0.76
F-21	MR-VT-NZ	17047104	$0.76
F-21	MR-OE-NZ	17047105	$0.76
F-21	MR-YW-NZ	17047106	$0.76
F-21	MR-RD-NZ	17047107	$0.76
F-21	MR-BK-NZ	17047108	$0.76
F-22	429AG-RD-WO	16046010	$19.11
F-22	429AG-BK-WO	16046510	$19.11
F-22	429AG-S14	16047623	$19.11
F-22	429AG-S15	16047633	$19.11
F-22	429AG-S16	16047643	$19.11
F-22	429AG-S18	16047653	$19.11
F-22	429AG-S20	16047663	$19.11
F-22	5022SD-S12	16052701	$16.79
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F-22	5022SD-S14	16052702	$16.79
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F-22	5022SD-BK-BE-WO	16052722	$16.79
F-24	5024SD-BK-WO	16052500	$16.79
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F-25	5024-14-12-NZ	17581251	$1.83
F-25	5024-14-14-NZ	17581281	$1.83
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F-25	5024-WD-09-NZ	17582181	$1.83
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F-25	5022-12-NZ	17582251	$1.83
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F-25	5022-15-NZ	17582301	$1.83
F-25	5022-16-NZ	17582321	$1.83
F-25	5022-18-NZ	17582351	$1.83
F-25	5022-20-NZ	17582401	$1.83
F-25	5022-09-RNZ	17583181	$1.83
F-25	5024-9-12-NZ	17584251	$1.83
F-25	5024-9-14-NZ	17584281	$1.83
F-25	5024-9-15-NZ	17584301	$1.83
F-25	5024-9-16-NZ	17584321	$1.83
F-26	5035SD-RD-WO	16053501	$23.66
F-26	5035SD-S18	16053502	$23.66
F-26	5035SD-S20	16053503	$23.66
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F-26	5035SD-S28	16053506	$23.66
F-26	5035SD-S30	16053507	$23.66
F-26	5035SD-BK-WO	16053510	$23.66
F-26	5035SD-D18	16053512	$23.66
F-26	5035SD-D20	16053513	$23.66
F-26	5035SD-D22	16053514	$23.66
F-26	5035SD-D25	16053515	$23.66
F-26	5035SD-D28	16053516	$23.66
F-26	5035SD-D30	16053517	$23.66
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F-26	5035-12-RNZ	17583251	$1.83
F-26	5035-18-NZ	17585351	$3.35
F-26	5035-20-NZ	17585401	$3.35
F-26	5035-22-NZ	17585451	$3.35
F-26	5035-25-NZ	17585501	$3.35
F-26	5035-28-NZ	17585551	$3.35
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F-27	233AF-RD-WO	16024600	$36.61
F-27	233AF-BK-WO	16024601	$36.61
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F-27	233AF-D20	16024656	$36.61
F-27	233AF-D22	16024658	$36.61
F-27	233AF-D25	16024660	$36.61
F-27	233AF-D28	16024662	$36.61
F-27	233AF-D32	16024664	$36.61
F-27	423AG-16	16043432	$32.22
F-27	423AG-18	16043435	$32.22
F-27	423AG-20	16043440	$32.22
F-27	233AF-12-RNZ	17544251	$1.83
F-27	233AF-18-NZ	17585355	$3.35
F-27	233AF-20-NZ	17585405	$3.35
F-27	233AF-22-NZ	17585455	$3.35
F-27	233AF-25-NZ	17585505	$3.35
F-27	233AF-28-NZ	17585555	$3.35
F-27	233AF-32-NZ	17585655	$3.35
F-30	FS-HA-58	11990044	$0.61
F-30	N/A	11990065	$0.55
F-30	FS-SC-58	11990071	$0.49
F-30	FS-SC-710	11990077	$0.70
F-30	ILPD-12B	11990512	$8.16
F-30	ILPD-16B	11990516	$8.16

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Page	Model #	Part #	Price
F-30	ILPD-50NPT	11990601	$8.16
F-30	ILPD-7550NPT	11990602	$8.16
F-30	FS-HA-710	11990904	$0.43
F-30	N/A	11990906	$0.61
F-30	710-TB	11997047	$0.61
F-30	ACME-1/2A	12290120	$1.04
F-30	FACME-1/2NPT	12290121	$1.04
F-30	58-TB	12291015	$0.29
F-30	912-TB	12291016	$1.03
F-30	FS-SC-912	17030902	$0.76
F-30	FS-HA-912	17030904	$0.46
F-30	FS-PLUG-912	17030906	$0.78
F-30	MOD-BF-BB	17090710	$0.67
F-30	47-TB	17097032	$0.18
F-30	AGC-12F-58	17097108	$1.22
F-30	AGC-12F-710	17097110	$1.22
F-30	AGC-12F-47	17097707	$1.22
F-30	AGC-12F-912	17097712	$1.22
F-30	FSA-12F-FR15-912	17482601	$6.13
F-30	AGC-12M-58	17482811	$1.22
F-30	FSA-12F-912	17482821	$2.15
F-30	HAD-PG-BY	17497031	$0.52
F-30	HAD-MA-BY	17497041	$0.52
F-30	HAD-FM-BY	17497051	$0.52
F-31	PP-400	12070065	$42.99
F-31	AP030	12071008	$17.14
F-31	AP036	12071009	$17.14
F-31	AP070	12071025	$17.14
F-31	BUR-STK-47	12290250	$1.18
F-31	11930099	16090099	$50.70
F-31	PP-58	17030058	$50.24
F-31	PP-47	17097785	$20.36
F-31	FSA-A8	17482820	$1.58
F-31	ROD-G6-48	17493201	$3.21
F-31	ROD-G8-24	17493203	$4.03
F-31	ROD-F8-RD-24	17493212	$3.25
F-31	ROD-F8-RD-36	17493213	$4.88
F-31	ROD-F8-RD-48	17493214	$5.85
F-31	ROD-GF8-48	17493600	$6.63
F-31	ROD-G8-48	17493601	$6.63
F-31	ROD-GR8-48	17493652	$10.68



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Pressure Compensating Emitters

Model #	Part #	Description	Bag Qty	Box Qty	Box Wt	Box Code	Stock Code
Click Tif Button Emitter HD - Pressure Compensating - Check Non Leak (CNL) Model Opens at 11.4 psi; closes at 4.3 psi							
CTHDT2-CNL	12503205	0.5 GPH, brown, taper	100	1000	7	C	
CTHDT3-CNL	12503208	0.8 GPH, blue, taper	100	1000	7	C	MTO
CTHDT4- CNL	12503210	1.0 GPH, black, taper	100	1000	7	C	
CTHDT8-CNL	12503215	2.0 GPH, green, taper	100	1000	7	C	
CTHDT12-CNL	12503220	3.0 GPH, red, taper	100	1000	7	C	MTO
CTHDB2-CNL	12503255	0.5 GPH, brown, barb	100	1000	7	C	MTO
CTHDB4-CNL	12503260	1.0 GPH, black, barb	100	1000	7	C	
CTHDT2-CNL-BULK	32021205	0.5 GPH, brown, taper, BULK		4000	27	Z	
CTHDT3-CNL-BULK	32021208	0.8 GPH, blue, taper, BULK		4000	27	Z	
CTHDT4-CNL-BULK	32021210	1.0 GPH, black, taper, BULK		4000	27	Z	
CTHDT8-CNL-BULK	32021215	2.0 GPH, green, taper, BULK		4000	27	Z	
CTHDT12-CNL-BULK	32021220	3.0 GPH, red, taper, BULK		4000	27	Z	
CTHDB2-CNL-BULK	32021255	0.5 GPH, brown, barb, BULK		4000	27	Z	
CTHDB4-CNL-BULK	32021260	1.0 GPH, black, barb, BULK		4000	27	Z	

Note: Barb emitters use 187x125 tubing; Taper emitters use multi-outlet components on page.
Bulk items sold in box qty only.
For best results use 1/8" punch tool.



CTHDT8-CNL



CTHDT3-CNL



Pressure Compensating Emitters

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Stock Code
Click Tif Button Emitter HD							
CTTPC2	12503405	0.5 GPH Brown, taper	100	1000	7.0	C	MTO
CTTPC4	12503410	1.0 GPH Black, taper	100	1000	7.0	C	
CTTPC8	12503420	2.0 GPH Green, taper	100	1000	7.0	C	
CTBPC2	12503505	0.5 GPH Brown, barb	100	1000	7.0	C	
CTBPC4	12503510	1.0 GPH Black, barb	100	1000	7.0	C	
CTTPC2-BULK	32020405	0.5 GPH Brown, taper, BULK		4000	27.0	C	
CTTPC4-BULK	32020410	1.0 GPH Black, taper, BULK		4000	27.0	Z	
CTTPC8-BULK	32020420	2.0 GPH Green, taper, BULK		4000	27.0	Z	
CTBPC2-BULK	32020505	0.5 GPH Brown, barb, BULK		4000	27.0	Z	MTO
CTBPC4-BULK	32020510	1.0 GPH Black, barb, BULK		4000	27.0	Z	MTO
Micro Flappers - Self-Flushing - 0.187" Barb Inlet x 1/8" Outlet Barb							
MF-1/2	72501103	0.5 GPH Brown	100	5000	11.5	B	
MF-3/4	72501104	0.75 GPH Gray	100	5000	11.5	B	MTO
MF-1	72501105	1.0 GPH Black	100	5000	11.5	B	
MF-2	72501106	2.0 GPH Green	100	5000	11.5	B	
Micro Flappers - Self-Flushing - 0.187" Barb Inlet x 1/8" Outlet Barb							
CETAPC02	72500825	CETA Emitter 0.5 GPH - Red	100	1500			
CETAPC04	72500826	CETA Emitter 1.0 GPH - Black	100	1500			
CETAPC08	72500827	CETA Emitter 2.0 GPH - Green	100	1500			
Self Piercing Barb Turbo PC Emitter with 1/4" Barb Inlet & Taper Outlet							
JE02	72500560	0.5 GPH Yellow	50	1500	13.0	F	
JE04	72500561	1.0 GPH Black	50	1500	13.0	F	
JE08	72500562	2.0 GPH Blue	50	1500	13.0	F	
JE14	72500563	3.7 GPH Green	50	1500	13.0	F	



Non-Pressure Compensating Emitters

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code
Turbulent Flow Drip Emitter with 1/4" Barb Inlet						
TF-A	72015071	Adjustable 0-12.0 GPH, 1/4" barb inlet	100	500	7.1	B
Flag Emitters with Locking Cap - Take Apart Laminar Flow Emitter, 1/4" Barb Inlet & Outlet (0.160 ~ 0.170"ID Tubing)						
JL02	72500753	0.5 GPH Yellow	100	2000	7.1	C
JL04	72500746	1.0 GPH Black	100	2000	7.1	C
JL08	72500748	2.0 GPH Blue	100	2000	7.1	C
JL16	72500750	4.0 GPH Green	100	2000	7.1	C
Mini Inline Emitter - Double Sided - 1/4" Taper Barb						
MIL02	72500566	0.5 GPH Orange	100	1500		
MIL02	72500567	1.0 GPH Black	50	1500		
MIL02	72500568	2.0 GPH Blue	100	1500		



Jets & Sprays

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code
Vari-Jet - 10-32 thread						
PVJ06F	72500961	0.060 Orifice 360 deg. circle. Spray Vari-Flow valve (18 stream)	100	500	3.3	B
PVJ06H	72500962	0.060 Orifice 180 deg. Spray Vari-Flow valve	100	500	3.3	B
PVJ06Q	72500963	0.060 Orifice 90 deg. Spray Vari-Flow valve	100	500	3.3	B
PVJM	72500964	Vari-Jet Mister - 360 deg. fine spray	100	500	3.3	B
Vari-Rotor Spray w/ 10-32 thread, Full Circle						
PVMS25	72500965	0.06 orifice, Black, Adjustable Mini Sprinkler (0-25 GPH)	25	500	3.8	B
Rotor Spray Mini-Sprinklers w/ 10-32 thread, Full Circle						
PMS9	72500745	0.035 orifice, Brown, 9 GPH @ 20 PSI 17' diameter	100	500	2.2	B
PMS12	72500955	0.04 orifice, Blue, 12 GPH @ 20 PSI 17' diameter	100	500	2.2	B
PMS18	72500956	0.05 orifice, Green, 18 GPH @ 20 PSI 21' diameter	100	500	2.2	B
PMS25	72500744	0.06 orifice, Red, 25 GPH @ 20 PSI 23' diameter	100	500	2.2	B
One Piece Aqua-Jets - 0.03 Orifice - Black						
AJ-300-B	12503128	300 deg.	100	2000	1.8	B
AJ-180-B	12500794	180 deg.	100	2000	1.8	B
AJ-090-B	12500796	90 deg.	100	2000	1.8	B
One Piece Aqua-Jets - 0.04 Orifice - Blue						
AJ-300-BL	12500797	300 deg.	100	2000	1.8	B
AJ-180-BL	12500798	180 deg.	100	2000	1.8	B
AJ-090-BL	12500799	90 deg.	100	2000	1.8	B
One Piece Aqua-Jets - 0.05 Orifice - Green						
AJ-300-GR	12503118	300 deg.	100	2000	1.8	B
AJ-180-GR	12503119	180 deg.	100	2000	1.8	B
AJ-090-GR	12503120	90 deg.	100	2000	1.8	B
One Piece Aqua-Jets - 0.063 Orifice - Red						
AJ-300-R	12500800	300 deg.	100	2000	1.8	B
AJ-180-R	12500801	180 deg.	100	2000	1.8	B
AJ-090-R	12500802	90 deg.	100	2000	1.8	B















Stake Accessories

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Stock Code
Micro-Pop Riser with Stake End and 1/4" Barb Inlet – Non-Rotating Pop-Up Riser							
PMP2	72500740	9" Riser retracted length 15"	10	30	8.5	F	
PMP3	72500741	6" Riser retracted length 11 1/2"	10	30	6.5	C	MTO
R-Stake							
RSTAKE	72015046	6" Riser Stake with 10-32 thread outlet	25	250	1.4	F	
12" Mounting Stake							
PCS12	72500807	12" plastic stake (Black) holds 250 x 160 PE or 300 x 160 vinyl tubing, also holds rigid risers	25	200	14.9	A	
Rigid Risers - 0.160 ID x 0.300 OD							
PRR06	72500969	6" Riser Extension	25	500	4.6	B	
PRR08	71195028	8" Riser Extension	25	500	6.0	C	
PRR12	71195029	12" Riser Extension	25	500	8.8	C	
PRR18	71195030	18" Riser Extension	25	500	12.9	A	
Rigid Risers with Barbed Adapter - 0.160 ID x 0.300 OD with Barbed Adapter							
PRRAB06	72500515	6" Riser	25	500	8.8	B	MTO
PRRAB08	72500516	8" Riser	25	500	11.5	C	
PRRAB12	72500512	12" Riser	25	500	17.0	C	
PRRAB18	72500513	18" Riser	25	500	25.3	A	MTO





Multi-Port Manifolds

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Stock Code
Quadra Bubbler (4) 1/4" Outlets with 3/4" MPT Inlet							
QB416	72500769	Blue Low Flow (2 GPH per outlet)	10	300	20.3	F	
QB456	72500771	Black Med Flow (6 GPH per outlet)	10	300	20.3	F	
QB496	72500772	Red High Flow (10 GPH per outlet)	10	300	20.3	F	
QB4186	72500770	Green Extra High Flow (20 GPH per outlet)	10	300	20.3	F	
QB2 Bubbler (4) 3/4" FPT - For Use with 0.170 ID Tubing							
QB2-16	72550971	Blue - low flow (2 GPH/outlet)	10	200	12.4	F	
QB2-56	72500774	Black - med flow (6 GPH/outlet)	10	200	12.4	F	
QB2-96	72500775	Red - high flow (10 GPH/outlet)	10	200	12.4	F	
QB2-186	72500773	Green - extra high flow (20 GPH/outlet)	10	200	12.4	F	
QB2-16P	72503167	Blue - low flow (2 GPH/outlet) -Purple base	10	200	12.4	F	MTO
QB2-56P	72503166	Black - med flow (6 GPH/outlet) - Purple base	10	200	12.4	F	MTO
QB2-96P	72503172	Red - high flow (10 GPH/outlet) - Purple base	10	200	12.4	F	MTO
QB2-186P	72503174	Green - extra high flow (20 GPH/outlet) - Purple base	10	200	12.4	F	MTO
Octa-Bubbler 8 Pressure Compensating Swivel Ports .250 barb outlet							
OCT816	72500729	Blue low flow bubbler (2 GPH/outlet)	10	30	11.2	C	
OCT856	72500731	Black med flow bubbler (6 GPH/outlet)	10	30	11.2	C	
OCT896	72500732	Red high flow bubbler (10 GPH/outlet)	10	30	11.2	C	
OCT8186	72500730	Green extra-high flow bubbler (20 GPH/outlet)	10	30	11.2	C	
OCT816P	72500051	Blue low flow bubbler (2 GPH/outlet) -Purple cap	10	30	11.2	C	
OCT856P	72500050	Black med flow bubbler (6 GPH/outlet) - Purple cap	10	30	11.2	C	MTO
OCT896P	72503162	Red high flow bubbler (10 GPH/outlet) - Purple cap	10	30	11.2	C	MTO
OCT8186P	72500020	Green extra-high flow bubbler (20 GPH/outlet) - Purple cap	10	30	11.2	C	MTO
Octa-Bubbler Flow Control Devices							
FCD8160	72500623	Blue (2 GPH)	8	480	11.2	B	
FCD8560	72500625	Black (6 GPH)	8	480	11.2	B	
FCD8960	72500970	Red (10 GPH)	8	480	11.2	B	
FCD81860	72500624	Green (20 GPH)	8	480	11.2	B	
Bubbler Access Box							
BBOX645	72500621	6" L x 5" W x 4" H Bubbler Access Box w/ metal washer for metal detection		36	18.14	D	
BBOX645P	72500622	6" L x 5" W x 4" H Bubbler Access Box w/ metal washer for metal detection		36	18.14	D	MTO















Multi-Port Manifolds

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Stock Code
Multi-Port Manifold Accessories							
BA-PP-QB	72500616	Port Plug for Quadra Bubblers and QB2s	25	2000	4.9	B	
BA-PP-OB	72500619	Port Plug for Octa-Bubblers	25	2000	4.9	B	
BA-BUG	72500286	Insect plug for Bubbler Tubing	100	2000	7.1	B	
BA-CP-QB	72500614	Clamp Plate - Locks tubing to Quadra Bubbler ports	10	300	1.8	B	MTO
BA-CP-QB2	72500617	Clamp Plate-Locks tubing to QB2 ports	10	300	1.8	B	MTO
OCTREP	72500007	Octa-Bubbler repair kit	1	10	1.0	B	MTO


BA-PP-OB


BA-BUG


BA-CP-QB


BA-CP-QB2


OCTREP

Bubblers

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Stock Code
J-Bubbler PC - 1/2" FPT (Umbrella Pattern) with Cone Screen							
JBPC04	72500582	1.0 GPM (60 GPH)	25	300	5.0	C	MTO
J-Bubbler Adjustable Flow - 1/2" FPT (Umbrella Pattern) with Cone Screen							
JBAFP	72500583	Max flow 2.9 GPM @ 43 PSI	25	300	8.0	C	
JBAF	72500584	Max flow 4.5 GPM @ 43 PSI Screw Adjust Bubbler	25	300	8.0	C	MTO
Mini-Bubbler Adjustable 0-30 GPH @ 15-30 PSI - 360 Degree							
PVMBB	72503126	1/4" barb	25	500	4.9	B	
PVMBT	72503127	10-32 thread	25	500	4.9	B	
PVMBR	72500603	1/2" FPT adapter	25	250	4.9	B	MTO
PVMBS	72015008	Assembled on a 5" plastic stake *	25	250	4.9	B	
Spectrum 360 Vortex Sprayer							
PVSV360B	72015009	1/4" barb	25	500	9.3	B	
PVSV360T	72015010	10-32 thread	25	500	9.3	B	
PVSV360R	72015012	1/2" FTP adapter	25	250	4.9	B	MTO
PVSV360S	72015011	Assembled on a 5" plastic stake *	25	250	3.3	B	
PVJS8B	72503121	Full Circle, 8-stream	25	500	4.9	B	
PVJS4B	72503123	Half Circle, 4-stream	25	500	4.9	B	

* 1/4" barb adapter included









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Shrubbler

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Stock Code
Adjustable Flow 1/4" Barbed Inlet Adjustable 0-13 GPH @ 15-30 PSI							
PVJS8B	72503121	Full Circle, 8-stream	25	500	4.9	B	
PVJS4B	72503123	Half Circle, 4-stream	25	500	4.9	B	
Adjustable Flow 10-32 Threaded Inlet Adjustable 0-13 GPH @ 15-30 PSI							
PVJS8T	72503122	Full Circle, 8-stream	25	500	4.9	B	
PVJS4T	72503124	Half Circle, 4-stream	25	500	4.9	B	
Adjustable Flow 1/2" FPT Adapters Adjustable 0-13 GPH @ 15-30 PSI							
PVJS8R	72500602	Full Circle, 8-stream	25	500	3.3	B	MTO
PVJS4R	72500601	Half Circle, 4-stream	25	500	3.3	B	MTO
Adjustable Flow Shrubbler on a 5" Stake (includes 1/4" barb adapter) 0-13 GPH @ 15-30 PSI							
PVJS8S	72503125	Full Circle, 8-stream	25	250	3.3	B	
PVJS4S	72500954	Half Circle, 4-stream	25	250	3.3	B	
Shrub Adapters							
REA1032B	72500523	1/2" FPT Riser Emitter Adapter (Black for 10-32 or 0.125 to 0.250 barb, Flexible)	50	400	6.7	B	
RA250E	72500521	Riser Adapter, 1/2" FPT x 1/2" MPT x 1/4" Barb ell swivel	50	400	7.2	F	
SAT-2010-01	72500930	1/2" FPT x 10-32 THD	50	1000	14.8	F	



PVJS8B



PVJS8T



PVJS8R



PVJS8S



REA1032B



RA250E

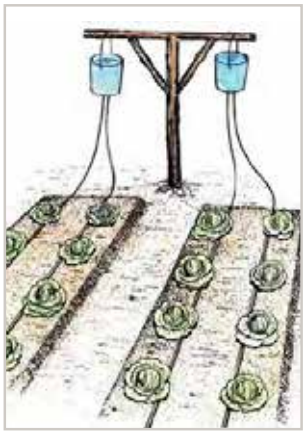


SAT-2010-01

EMISSION DEVICES

Bucket Kits

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Stock Code
Bucket Kits & Accessories						
218116	12501310	Bucket Kit 2-4-6 Boxed (Retail) with 15 Mil Drip Tape with 12" Spacing @ 0.5 gpm	1	1	3.2	MTO
218119	12501311	Bucket Kit 2-4-6 (Plastic Bag) with 15 Mil Drip Tape with 12" Spacing @ 0.5 gpm	1	1	2.5	MTO
218120	12501312	10 Bulk Bucket Kit with 15 Mil Drip Tape with 12" Spacing @ 0.5 gpm	1	1	28.0	MTO
128134	12501313	10 Bulk Bucket Kit with 15 mil Drip Tape with 4" Spacing @ 1.0 gpm	1	1	28.0	MTO
218125	12501314	40 Bulk Bucket Kit with 15 Mil Drip Tape with 12" Spacing @ 0.5 gpm	1	1	113.0	MTO
219190	12501315	Bag of Bucket Kit Fittings	1	1	1.5	MTO
219110	12501316	3/4" Male Adapter MPT x Slip	1	1	0.04	MTO
219120	12501317	3/4" Female Adapter FPT x Slip Replacement Fittings	1	1	0.05	MTO
219130	12501318	Flat Washer Drip Kit Replacement Washer	1	1	0.01	MTO
219140	12501319	Filter / Stopper Drip Kit Replacement Filter Plug	1	1	0.04	MTO
Note: Bulk items are not pre-cut for each kit.						
Super Kits & Accessories						
218140	12501320	Super Bucket Kit	1	1	10.0	MTO
218145	12501321	3 Bulk Super Bucket Kit	1	1	29.0	MTO
850099	11726902	15 Mil Marathon Plain Hose 1000 feet Coil Sub-main (header hose) for small gardens and super bucket kits.	1	1	25.0	MTO
1/4 Acre Kits & Accessories						
217500	12501323	1/4 Acre Kit with 15 Mil 12" 0.5 gpm Drip Tape	1	1	48.0	MTO
182569	12501324	1-1/2" Replacement End Cap For Blue Lay-Flat Header In 1/4 Acre Kit	1	1	0.07	MTO
428906	12501325	Replacement Lay Flat Hose Punch For 1/4 Acre Kit (Used To Punch Holes In Blue Lay Flat Header For .250 x .350 Connector Tubes)	1	1		MTO
151150	12501326	1-1/2" Lay Flat Hose - 50 foot Blue Replacement Sub Main For 1/4 Acre Kit Bulk Roll Used For Sub Main	1	1	8.0	MTO
151100	12501327	1-1/2" Lay Flat Hose - 300 foot Blue Replacement Sub Main For 1/4 Acre Kit Bulk Roll Used For Sub Main	1	1	43.0	MTO





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11726902	850099	G-09	$252.12
12500794	AJ-180-B	G-04	$0.28
12500796	AJ-090-B	G-04	$0.28
12500797	AJ-300-BL	G-04	$0.28
12500798	AJ-180-BL	G-04	$0.28
12500799	AJ-090-BL	G-04	$0.28
12500800	AJ-300-R	G-04	$0.28
12500801	AJ-180-R	G-04	$0.28
12500802	AJ-090-R	G-04	$0.28
12501310	218116	G-09	$87.36
12501311	218119	G-09	$87.36
12501312	218120	G-09	$468.39
12501313	128134	G-09	$468.39
12501314	218125	G-09	$1,181.71
12501315	219190	G-09	$37.84
12501316	219110	G-09	$3.43
12501317	219120	G-09	$1.38
12501318	219130	G-09	$0.81
12501319	219140	G-09	$5.30
12501320	218140	G-09	$122.31
12501321	218145	G-09	$241.00
12501323	217500	G-09	$629.05
12501324	182569	G-09	$17.05
12501325	428906	G-09	$27.43
12501326	151150	G-09	$116.50
12501327	151100	G-09	$583.33
12503118	AJ-300-GR	G-04	$0.28
12503119	AJ-180-GR	G-04	$0.28
12503120	AJ-090-GR	G-04	$0.28
12503128	AJ-300-B	G-04	$0.28
12503205	CTHDT2-CNL	G-02	$0.44
12503208	CTHDT3-CNL	G-02	$0.44
12503210	CTHDT4- CNL	G-02	$0.44
12503215	CTHDT8-CNL	G-02	$0.43
12503220	CTHDT12-CNL	G-02	$0.43
12503255	CTHDB2-CNL	G-02	$0.43
12503260	CTHDB4-CNL	G-02	$0.44
12503405	CTTPC2	G-03	$0.43
12503410	CTTPC4	G-03	$0.43
12503420	CTTPC8	G-03	$0.43

Part #	Model #	Page	Price
12503505	CTBPC2	G-03	$0.43
12503510	CTBPC4	G-03	$0.43
32020405	CTTPC2-BULK	G-03	$0.35
32020410	CTTPC4-BULK	G-03	$0.35
32020420	CTTPC8-BULK	G-03	$0.35
32020505	CTBPC2-BULK	G-03	$0.35
32020510	CTBPC4-BULK	G-03	$0.35
32021205	CTHDT2-CNL-BULK	G-02	$0.35
32021208	CTHDT3-CNL-BULK	G-02	$0.35
32021210	CTHDT4-CNL-BULK	G-02	$0.35
32021215	CTHDT8-CNL-BULK	G-02	$0.35
32021220	CTHDT12-CNL-BULK	G-02	$0.35
32021255	CTHDB2-CNL-BULK	G-02	$0.35
32021260	CTHDB4-CNL-BULK	G-02	$0.35
71195028	PRR08	G-05	$0.25
71195029	PRR12	G-05	$0.38
71195030	PRR18	G-05	$0.52
72015008	PVMBS	G-07	$1.17
72015009	PVSV360B	G-07	$0.87
72015010	PVSV360T	G-07	$0.87
72015011	PVSV360S	G-07	$1.17
72015012	PVSV360R	G-07	$1.43
72015046	RSTAKE	G-05	$0.83
72015071	TF-A	G-03	$0.59
72500007	OCTREP	G-07	$5.03
72500020	OCT8186P	G-06	$16.80
72500050	OCT856P	G-06	$16.80
72500051	OCT816P	G-06	$16.80
72500286	BA-BUG	G-07	$0.15
72500512	PRRAB12	G-05	$0.98
72500513	PRRAB18	G-05	$1.15
72500515	PRRAB06	G-05	$0.82
72500516	PRRAB08	G-05	$0.85
72500521	RA250E	G-08	$2.21
72500523	REA1032B	G-08	$1.51
72500560	JE02	G-03	$0.35
72500561	JE04	G-03	$0.35
72500562	JE08	G-03	$0.35
72500563	JE14	G-03	$0.35
72500566	MIL02	G-03	$0.57

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72500567	MIL02	G-03	$0.57
72500568	MIL02	G-03	$0.57
72500582	JBPC04	G-07	$2.19
72500583	JBAFP	G-07	$1.56
72500584	JBAF	G-07	$1.71
72500601	PVJS4R	G-08	$1.37
72500602	PVJS8R	G-08	$1.37
72500603	PVMBR	G-07	$1.44
72500614	BA-CP-QB	G-07	$1.26
72500616	BA-PP-QB	G-07	$0.23
72500617	BA-CP-QB2	G-07	$0.71
72500619	BA-PP-OB	G-07	$0.30
72500621	BBOX645	G-06	$8.80
72500622	BBOX645P	G-06	$10.12
72500623	FCD8160	G-06	$0.76
72500624	FCD81860	G-06	$0.76
72500625	FCD8560	G-06	$0.76
72500729	OCT816	G-06	$14.79
72500730	Oct-86	G-06	$14.79
72500731	OCT856	G-06	$14.79
72500732	OCT896	G-06	$14.79
72500740	PMP2	G-05	$8.76
72500741	PMP3	G-05	$8.40
72500744	PMS25	G-04	$1.79
72500745	PMS9	G-04	$1.79
72500746	JL04	G-03	$0.40
72500748	JL08	G-03	$0.40
72500750	JL16	G-03	$0.40
72500753	JL02	G-03	$0.40
72500769	QB416	G-06	$4.88
72500770	QB4186	G-06	$4.88
72500771	QB456	G-06	$4.88
72500772	QB496	G-06	$4.88
72500773	QB2-186	G-06	$6.20
72500774	QB2-56	G-06	$6.20
72500775	QB2-96	G-06	$6.20
72500807	PCS12	G-05	$0.66
72500825	CETAPC02	G-03	$0.64
72500826	CETAPC04	G-03	$0.64
72500827	CETAPC08	G-03	$0.64

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72500930	SAT-2010-01	G-08	$0.68
72500954	PVJS4S	G-08	$1.10
72500955	PMS12	G-04	$1.79
72500956	PMS18	G-04	$1.79
72500961	PVJ06F	G-04	$1.94
72500962	PVJ06H	G-04	$1.94
72500963	PVJ06Q	G-04	$1.94
72500964	PVJM	G-04	$1.94
72500965	PVMS25	G-04	$2.99
72500969	PRR06	G-05	$0.23
72500970	FCD8960	G-06	$0.76
72501103	MF-1/2	G-03	$0.60
72501104	MF-3/4	G-03	$0.60
72501105	MF-1	G-03	$0.60
72501106	MF-2	G-03	$0.60
72503121	PVJS8B	G-07	$0.72
72503121	PVJS8B	G-08	$0.72
72503122	PVJS8T	G-08	$0.72
72503123	PVJS4B	G-07	$0.72
72503123	PVJS4B	G-08	$0.72
72503124	PVJS4T	G-08	$0.72
72503125	PVJS8S	G-08	$1.10
72503126	PVMBB	G-07	$0.87
72503127	PVMBT	G-07	$0.87
72503162	OCT896P	G-06	$16.80
72503166	QB2-56P	G-06	$7.01
72503167	QB2-16P	G-06	$7.01
72503172	QB2-96P	G-06	$7.01
72503174	QB2-186P	G-06	$7.01
72550971	QB2-16	G-06	$6.20

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G-02	CTHDT2-CNL	12503205	$0.44
G-02	CTHDT3-CNL	12503208	$0.44
G-02	CTHDT4- CNL	12503210	$0.44
G-02	CTHDT8-CNL	12503215	$0.43
G-02	CTHDT12-CNL	12503220	$0.43
G-02	CTHDB2-CNL	12503255	$0.43
G-02	CTHDB4-CNL	12503260	$0.44
G-02	CTHDT2-CNL-BULK	32021205	$0.35
G-02	CTHDT3-CNL-BULK	32021208	$0.35
G-02	CTHDT4-CNL-BULK	32021210	$0.35
G-02	CTHDT8-CNL-BULK	32021215	$0.35
G-02	CTHDT12-CNL-BULK	32021220	$0.35
G-02	CTHDB2-CNL-BULK	32021255	$0.35
G-02	CTHDB4-CNL-BULK	32021260	$0.35
G-03	CTTPC2	12503405	$0.43
G-03	CTTPC4	12503410	$0.43
G-03	CTTPC8	12503420	$0.43
G-03	CTBPC2	12503505	$0.43
G-03	CTBPC4	12503510	$0.43
G-03	CTTPC2-BULK	32020405	$0.35
G-03	CTTPC4-BULK	32020410	$0.35
G-03	CTTPC8-BULK	32020420	$0.35
G-03	CTBPC2-BULK	32020505	$0.35
G-03	CTBPC4-BULK	32020510	$0.35
G-03	TF-A	72015071	$0.59
G-03	JE02	72500560	$0.35
G-03	JE04	72500561	$0.35
G-03	JE08	72500562	$0.35
G-03	JE14	72500563	$0.35
G-03	MIL02	72500566	$0.57
G-03	MIL02	72500567	$0.57
G-03	MIL02	72500568	$0.57
G-03	JL04	72500746	$0.40
G-03	JL08	72500748	$0.40
G-03	JL16	72500750	$0.40
G-03	JL02	72500753	$0.40
G-03	CETAPC02	72500825	$0.64
G-03	CETAPC04	72500826	$0.64
G-03	CETAPC08	72500827	$0.64
G-03	MF-1/2	72501103	$0.60

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G-03	MF-3/4	72501104	$0.60
G-03	MF-1	72501105	$0.60
G-03	MF-2	72501106	$0.60
G-04	AJ-180-B	12500794	$0.28
G-04	AJ-090-B	12500796	$0.28
G-04	AJ-300-BL	12500797	$0.28
G-04	AJ-180-BL	12500798	$0.28
G-04	AJ-090-BL	12500799	$0.28
G-04	AJ-300-R	12500800	$0.28
G-04	AJ-180-R	12500801	$0.28
G-04	AJ-090-R	12500802	$0.28
G-04	AJ-300-GR	12503118	$0.28
G-04	AJ-180-GR	12503119	$0.28
G-04	AJ-090-GR	12503120	$0.28
G-04	AJ-300-B	12503128	$0.28
G-04	PMS25	72500744	$1.79
G-04	PMS9	72500745	$1.79
G-04	PMS12	72500955	$1.79
G-04	PMS18	72500956	$1.79
G-04	PVJ06F	72500961	$1.94
G-04	PVJ06H	72500962	$1.94
G-04	PVJ06Q	72500963	$1.94
G-04	PVJM	72500964	$1.94
G-04	PVMS25	72500965	$2.99
G-05	PRR08	71195028	$0.25
G-05	PRR12	71195029	$0.38
G-05	PRR18	71195030	$0.52
G-05	RSTAKE	72015046	$0.83
G-05	PRRAB12	72500512	$0.98
G-05	PRRAB18	72500513	$1.15
G-05	PRRAB06	72500515	$0.82
G-05	PRRAB08	72500516	$0.85
G-05	PMP2	72500740	$8.76
G-05	PMP3	72500741	$8.40
G-05	PCS12	72500807	$0.66
G-05	PRR06	72500969	$0.23
G-06	OCT8186P	72500020	$16.80
G-06	OCT856P	72500050	$16.80
G-06	OCT816P	72500051	$16.80
G-06	BBOX645	72500621	$8.80

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G-06	BBOX645P	72500622	$10.12
G-06	FCD8160	72500623	$0.76
G-06	FCD81860	72500624	$0.76
G-06	FCD8560	72500625	$0.76
G-06	OCT816	72500729	$14.79
G-06	Oct-86	72500730	$14.79
G-06	OCT856	72500731	$14.79
G-06	OCT896	72500732	$14.79
G-06	QB416	72500769	$4.88
G-06	QB4186	72500770	$4.88
G-06	QB456	72500771	$4.88
G-06	QB496	72500772	$4.88
G-06	QB2-186	72500773	$6.20
G-06	QB2-56	72500774	$6.20
G-06	QB2-96	72500775	$6.20
G-06	FCD8960	72500970	$0.76
G-06	OCT896P	72503162	$16.80
G-06	QB2-56P	72503166	$7.01
G-06	QB2-16P	72503167	$7.01
G-06	QB2-96P	72503172	$7.01
G-06	QB2-186P	72503174	$7.01
G-06	QB2-16	72550971	$6.20
G-07	PVMBS	72015008	$1.17
G-07	PVSV360B	72015009	$0.87
G-07	PVSV360T	72015010	$0.87
G-07	PVSV360S	72015011	$1.17
G-07	PVSV360R	72015012	$1.43
G-07	OCTREP	72500007	$5.03
G-07	BA-BUG	72500286	$0.15
G-07	JBPC04	72500582	$2.19
G-07	JBAFP	72500583	$1.56
G-07	JBAF	72500584	$1.71
G-07	PVMBR	72500603	$1.44
G-07	BA-CP-QB	72500614	$1.26
G-07	BA-PP-QB	72500616	$0.23
G-07	BA-CP-QB2	72500617	$0.71
G-07	BA-PP-OB	72500619	$0.30
G-07	PVJS8B	72503121	$0.72
G-07	PVJS4B	72503123	$0.72
G-07	PVMBB	72503126	$0.87

Page	Model #	Part #	Price
G-07	PVMBT	72503127	$0.87
G-08	RA250E	72500521	$2.21
G-08	REA1032B	72500523	$1.51
G-08	PVJS4R	72500601	$1.37
G-08	PVJS8R	72500602	$1.37
G-08	SAT-2010-01	72500930	$0.68
G-08	PVJS4S	72500954	$1.10
G-08	PVJS8B	72503121	$0.72
G-08	PVJS8T	72503122	$0.72
G-08	PVJS4B	72503123	$0.72
G-08	PVJS4T	72503124	$0.72
G-08	PVJS8S	72503125	$1.10
G-09	850099	11726902	$252.12
G-09	218116	12501310	$87.36
G-09	218119	12501311	$87.36
G-09	218120	12501312	$468.39
G-09	128134	12501313	$468.39
G-09	218125	12501314	$1,181.71
G-09	219190	12501315	$37.84
G-09	219110	12501316	$3.43
G-09	219120	12501317	$1.38
G-09	219130	12501318	$0.81
G-09	219140	12501319	$5.30
G-09	218140	12501320	$122.31
G-09	218145	12501321	$241.00
G-09	217500	12501323	$629.05
G-09	182569	12501324	$17.05
G-09	428906	12501325	$27.43
G-09	151150	12501326	$116.50
G-09	151100	12501327	$583.33



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Misters and Foggers

Green Mist and Foggers Ordering Guide

Model #	Mount		Super LPD		Nozzle @ 30psi		Base		Tubing	
128	2	One Fogger	0	None	0	None	0	None	0	None
	5	2-Way Tee	7	LPD (Blue) - Female (standard)	3	Blue	1	Butterfly - Barb (standard)	1	12" with weight
	1	4-Way Cross	8	LPD (Black) - Female (standard)	5	Orange	2	1/2" Male - Base	2	18" with weight
	9	Green Mist	6	LPD (Blue) - Barb	7	Red	3	Fast-n-Fast	3	24" with weight
	3	Green Mist Jr.	3	LPD (Black) - Barb	8	Black			4	30" with weight
			5	LPD (Blue) - 3/8"	2	Green (Green Mist)			5	36" with weight
			2	LPD (Black) - 3/8"	4	Purple (Green Mist Jr.)			6	48" with weight
					9	Plug			7	60" with weight

LPD (Blue) - High Pressure applications, Opens @ 55psi, Closes @ 35psi, -Nominal Pressure
LPD (BLack) - Low Pressure applications, Opens @ 20psi, Closes @ 9psi, -Nominal Pressure
Standard assemblies come with vinyl tubing.
Note: No tubing needed if a base is ordered.

Selection Guide

Product	Nozzle Color	Super LPD Color	Pressure (psi)	Nominal Flow (GPH)		
				Single Nozzle	2-Way Tee	4-Way Cross
Dan Fogger	Blue	Blue	58	1.8	3.6	7.2
	Orange	Blue	58	3.6	7.2	14.4
	Red	Blue	58	5.4	10.8	21.6
	Black	Blue	58	7.4	14.8	29.6
Green Mist	Green	Black	30	7.9	-	
Green Mist Jr.	Purple	Black	30	5.3		

Model #	Part #	Description	Box Qty	Stock Code
Bridge Fogger Assemblies				
		Single Fogger with LPD	1000	MTO
		2-Way-Fogger Assembly withLPD	400	MTO
		4-Way Cross Fogger Assembly with LPD	350	MTO





Misters and Foggers

Model #	Part #	Description	Bag Qty	Box Qty	Box Code	Stock Code
Bridgeless Mister / Foggers						
GM-LPD-FM	12898200	Green Nozzle 7.96 GPH with LPD	50	400	C	MTO
BGMJ-5	12838400	Green Mist Jr. with LPD, 5.3GPH	50	400	C	MTO
Mister Components						
GM-NZ	12890200	GreenMist Nozzle, 7.9 GPH	50	800	B	MTO
GMJ-5	17493000	GreenMist Jr. Nozzle, 5.3 GPH	100	2800	B	
GSJ-10	17493001	Green Spin Jr., Blue, 10.4 GPH	100	2800	B	MTO
GSJ-13	17499900	Green Spin Jr., Green, 13.2 GPH	100	2800	B	MTO
Fogger Components						
FOG-BE-NZ	12820300	Blue Nozzle (1.8 GPH)	100	800	B	
FOG-OE-NZ	12820500	Orange Nozzle (3.6 GPH)	100	800	B	
FOG-RD-NZ	12820700	Red Nozzle (5.4 GPH)	100	800	B	MTO
FOG-BK-NZ	12820800	Black Nozzle (7.2 GPH)	100	800	B	MTO
FOG-4W	17091014	4-Way Cross for Fogger	50	500	C	MTO
FOG-2W	17091020	2-Way Tee for Fogger	50	400	B	MTO
FOG-45	17091018	45 Degree Angle for Fogger	50	400	B	MTO
FOG-PLUG	17050018	Plug for Sprinkler and Fogger Assemblies	100	800	B	

Mister Components


GM-NZ


GMJ-5


GSJ-10


GSJ-13

Mister Components


FOG-BE-NZ


FOG-OE-NZ


FOG-RD-NZ


FOG-4W


FOG-2W


FOG-45


FOG-PLUG

Green Spin and Green Spin Jr

Green Spin Ordering Guide

Series #	Super LPD		Nozzle @ 30 PSI		Base		Tube	
1280	0	None	0	Brown (11.4 gph)	0	None	0	None
	6	Antimist	2	Green (27.7 gph)	1	Butterfly	1	12" with weight
	8	LPD - Female (standard)	3	Blue (52.8 gph)	7	1/2" Male - Base	2	18" with weight
	9	LPD - Female & Antimist (standard)	5	Orange (31.7 gph)	9	Fast-n-Fast	3	24" with weight
	7	LPD - Barb	8	Black (42.3 gph)			4	30" with weight
	5	LPD - Barb & Antimist	9	Gray (18.5 gph)			5	36" with weight
	2	LPD - 3/8"	1	Jr. Blue (10.4 gph)			6	48" with weight
	4	LPD - 3/8" & Anitmist	4	Jr. Green (13.2 gph)			7	60" with weight
	1	LPD - Barb/Bayonet						
	3	LPD - Barb/Bayonet & Antimist						

Catalog Number: 1280 9 5 9 1

Description: Complete GreenSpin Assembly with LPD Female and Antimist, Orange Nozzle Butterfly and 12" Tubing with weight.

Note: No tubing needed if a base is ordered.



Green Spin and Green Spin Jr

Performance Table - Green Spin *with* Antimist

Nozzle Color	Antimist Nozzle Color	Flow Rate (GPH)	Nozzle (inches)	Height (feet)	Wetted Diameter (feet)	
					Gray Swivel	Black Swivel
						
Green	Green	10.6	0.038	2	–	–
				4		
				6		
				10		
Orange	Orange	18.5	0.047	2	18.0	
				4	21.3	
				6	26.2	
				10	29.5	
Black	Yellow	23.8	0.057	2		16.4
				4		21.3
				6		24.6
				10		27.9
Blue	Blue	31.7	0.063	2		18.0
				4		23.0
				6		24.6
				10		29.5

* Flow rate and wetted diameter at 30 psi. Tested at 6' above ground.

Performance Table - Green Spin *without* Antimist

Nozzle Color	Flow Rate (GPH)	Nozzle (inches)	Wetted Diameter (feet)	
			Gray	Black
				
Brown	11.4	0.04	24.6	–
Gray	18.5	0.05	29.5	–
Green	27.7	0.06	29.5	–
Orange	31.7	0.06	31.2	–
Black	42.3	0.07	–	29.5
Blue	52.8	0.08	–	31.2

* Flow rate and wetted diameter at 30 psi. Tested at 6' above ground

** Old Swivel now black color.

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Green Spin and Green Spin Jr

Model #	Part #	Description	Bag Qty	Box Qty	Box Code	Stock Code
Green Spin Assemblies						
		Green Spin		1750		Call
		Green Spin with AntiMist		1000		MTO
		Green Spin with LPD		600		MTO
		Green Spin with LPD and AntiMist				MTO
Green Spin Antimist Nozzles - Press Fit						
MOD-GN-AM	17050012	Green (0.035")	100			
MOD-OE-AM	17050015	Orange (0.047")	100			
MOD-YW-AM	17050016	Yellow (0.055")	100			
MOD-BE-AM	17050013	Blue (0.060")	100			
Green Spin Antimist Nozzles - Bayonet						
BAY-GN-AM	17050112	Green (0.035")	100			MTO
BAY-OE-AM	17050115	Orange (0.047")	100			MTO
BAY-YW-AM	17050116	Yellow (0.055")	100			MTO
BAY-BE-AM	17050113	Blue (0.060")	100			MTO



Green Spin Female Press Fit



Green Spin Bayonet



Green Spin and LPD



Green Spin Jr and Retrofit LPD



MOD-GN-AM



BAY-OE-AM

Modular

Modular Ordering Guide

Series #	Spinner*		Super LPD (Black)		Nozzle @ 30psi		Base/Tube		Stake	
161	2	One-Sided Black	0	None	4	Violet (9.2 gph)	0	None	0	None
	5	Inverted	6	Antimist	0	Brown (11.4 gph)	9	Butterfly - Barb (standard) with 12" Tube	9	Weight
	7	Flat	8	LPD - Female (standard)	9	Gray (18.5 gph)	5	Butterfly - Barb (standard) with 18" Tube		
	9	Big Orange	9	LPD - Female & Antimist (standard)	2	Green (27.7 gph)	1	Butterfly - Barb (standard) with 24" Tube		
	0	Mist Sprayer	7	LPD - Barb	5	Orange (31.7 gph)	2	Butterfly - Barb (standard) with 30" Tube		
			5	LPD - Barb & Antimist	6	Yellow (42.3 gph)	3	Butterfly - Barb (standard) with 36" Tube		
			2	LPD - 3/8"	3	Blue (52.8 gph)	4	Butterfly - Barb (standrad) with 48" Tube		
			4	LPD - 3/8" & Antimist	1	Ivory (62.1 gph)	6	3/8" Male - Base		
					7	Red (68.7 gph)	7	1/2" Male - Base		
					8	Black (79.3 gph)	8	Butterfly - Quick Thread		

Catalog Number: 161 5 9 3 2 9
Description: Bridge Assembly with Green Kiwi Spinner, LPD & Antimist, Blue Nozzle, 30" Tube, and Weight.
* Spinners can be used inverted.

Model #	Part #	Description	Box Qty	Stock Code
Bridge Assemblies				
		Bridge Assemblies without Antimist	2500	Call
		Bridge Assemblies with Antimist	1750	MTO
		Bridge Assemblies with LPD and without Antimist	750	MTO
		Bridge Assemblies with LPD and Antimist	650	MTO

Tube assemblies are available upon request with substitution of the Butterfly Barb with the Barbed LPD.
Note: Components available on pages F-09 of Micros & Sprinklers.


Bridge Assembly without Antimist


Bridge Assembly with Antimist


Bridge Assemblies with LPD and without Antimist

Weighted Emitter Accessories and LPD

Model #	Part #	Description	Box Qty	Box Wt	Box Code	Stock Code
Butterfly - Adapters						
MOD-BF-38T47B	17097030	Butterfly 3/8" x 4/7	100			
MOD-BF-47B	17090710	Butterfly barb 4/7, black	100			
MOD-BF-38T	17097016	Butterfly 3/8"	100			
MOD-BF-QT	17097017	Butterfly quick thread	100			
MOD-38-B	17097002	3/8" male threaded base	100			
MOD-12-B	17097001	1/2" male threaded base	100			
Bayonets						
HAD-12-BY	17484921	1/2" bayonet base	100			
HAD-38-BY	17484931	3/8" bayonet base for rigid pipes	100			MTO
HAD-FM-BY	17497051	Bayonet female base	100			
HAD-MA-BY	17497041	Bayonet male connector	100			MTO
HAD-PG-BY	17497031	Bayonet plug	100			MTO
Super LPD - Leak Prevention Devices						
LPD-LP-FM-MA	11990308	Low-Pressure, female	50	600	C	
LPD-LP-BB-MA	11990328	Low-Pressure, 4/7	50	600	C	MTO
LPD-LP-38-MA	11990348	Low-Pressure, 3/8" use with Dramm Grommet 12291066	50	600	C	
LPD-LP-BB-BY	11990228	Low-Pressure, 4/7 x bayonet	50	600	C	MTO
LPD-LP-BY-BY	11990258	Low-Pressure, bayonet x bayonet	50	600	C	MTO
LPD-HP-FM-MA	11990303	High-Pressure, female	50	600	C	
LPD-HP-BB-MA	11990323	High-Pressure, 4/7	50	600	C	MTO
LPD-HP-38-MA	11990343	High-Pressure, 3/8" use with Dramm Grommet 12291066 (upstream connection)	50	600	C	MTO

Note: Low Pressure = Black (opens at 20 psi), Medium Pressure = Green (opens at 44 psi), High Pressure = Blue (opens at 60 psi).

Butterfly - Adapters


MOD-BF-38T47B


MOD-BF-47B


MOD-BF-38T


MOD-38-B


MOD-12-B

Bayonets


HAD-12-BY


HAD-38-BY


HAD-FM-BY


HAD-MA-BY


HAD-PG-BY

Super LPD - Leak Prevention Devices



Weighted Emitter Accessories and LPD

Model #	Part #	Description	Bag Qty	Box Qty	Box Wt	Box Code	Stock Code
Retrofit Super LPD - Leak Prevention Devices							
RLPD-LP-MA-FM	11990488	Low-Pressure, retrofit male x retrofit female		50	600	C	MTO
RLPD-LP-BB-FM	11990428	Low-Pressure, 4/7 x retrofit female		50	600	C	MTO
RLPD-LP-38-FM	11990448	Low-Pressure, 3/8" x retrofit female use with Dramm Grommet 12291066		50	600	C	MTO
RLPD-LP-MA-MA	11990388	Low-Pressure, retrofit male x taper male		50	600	C	MTO
RLPD-LP-MA-BY	11990288	Low-Pressure, retrofit male x bayonet		50	600	C	MTO
RLPD-HP-MA-FM	11990483	High-Pressure, retrofit male x retrofit female		50	600	C	MTO
RLPD-HP-BB-FM	11990423	High-Pressure, 4/7 x retrofit female		50	600	C	MTO
RLPD-HP-38-FM	11990443	High-Pressure, 3/8" x retrofit female use with Dramm Grommet 12291066		50	600	C	MTO
LPD Accessories							
LPD-FILTER	17090300	Filter for Super LPD	100	700		B	MTO
LPD-DPH	11992403	Diaphragm for Super LPD	100	1000		B	MTO

Note: Low Pressure = Black, High Pressure = Blue

Super LPD - Leak Prevention Devices


RLPD-LP-MA-FM


RLPD-LP-BB-FM


RLPD-LP-38-FM


RLPD-LP-MA-MA


RLPD-LP-MA-BY


RLPD-HP-MA-FM


RLPD-HP-BB-FM


RLPD-HP-38-FM

LPD Accessories


LPD-FILTER

Accessories			Bag Qty	Box Qty	Box Wt	Box Code	Stock Code
FNF-CON	11990100	Fast-n-Fast	100	700		B	MTO
FNF-PLUG	17091239	Plug for Fast-n-Fast	100	2800		B	MTO
WEIGHT	17097051	Stabilizer weight 5 1/2 for suspended stand	50	500		F	
32-DRAMM GR	12291066	3/8" Dramm Grommet					

Accessories


FNF-CON


FNF-PLUG


WEIGHT

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Click Tif

Model #	Part #	Description	Bag Qty	Box Qty	Box Wt	Box Code	Stock Code
Click Tif Button Emitter HD - Pressure Compensating - Check Non-Leak							
CTHDT2-CNL	12503205	0.5 GPH Brown, taper	100	1000	7	C	
CTHDT3-CNL	12503208	0.8 GPH Blue, taper	100	1000	7	C	MTO
CTHDT4- CNL	12503210	1.0 GPH Black, taper	100	1000	7	C	
CTHDT8-CNL	12503215	2.0 GPH Green, taper	100	1000	7	C	
CTHDT12-CNL	12503220	3.0 GPH Red, taper	100	1000	7	C	MTO
CTHDT2-CNL-BULK	32021205	0.5 GPH Brown, taper, BULK		4000	27	Z	
CTHDT3-CNL-BULK	32021208	0.8 GPH Blue, taper, BULK		4000	27	Z	
CTHDT4-CNL-BULK	32021210	1.0 GPH Black, taper, BULK		4000	27	Z	
CTHDT8-CNL-BULK	32021215	2.0 GPH Green, taper, BULK		4000	27	Z	
CTHDT12-CNL-BULK	32021220	3.0 GPH Red, taper, BULK		4000	27	Z	
Click Tif Button Emitter HD - Pressure Compensating							
CTTPC2	12503405	0.5 GPH Brown, taper	100	1000	7.0	C	MTO
CTTPC4	12503410	1.0 GPH Black, taper	100	1000	7.0	C	
CTTPC8	12503420	2.0 GPH Green, taper	100	1000	7.0	C	
CTTPC2-BULK	32020405	0.5 GPH Brown, taper, BULK		4000	27.0	C	
CTTPC4-BULK	32020410	1.0 GPH Black, taper, BULK		4000	27.0	Z	
CTTPC8-BULK	32020420	2.0 GPH Green, taper, BULK		4000	27.0	Z	

Note: Barb emitters use 187x125 tubing. Bulk item sold in box qty only.
Use 1/8" punch tool.


CTHDT4-CNL


CTHDT8-CNL


CTHDT12-CNL

Multi-Outlet Dripper Assemblies

Model #	Part #	Description	Bag Qty	Box Qty	Box Code	Stock Code
Multi-Outlet Dripper Assembly Components						
MAN4	12602940	Flat 4-Way Manifold	100	1600	B	
MAN4C	12602948	Stackable 4-Way Manifold (open end)	100	1600	B	
MAN2	12602920	2-Way Manifold	200	3000	B	
MAN2C	12602928	Stackable 2-Way Manifold (open end)	200	3000	B	MTO
AD5	12602800	Long Straight Arrow Dripper (5" Length)	50	500	C	
AAD	12602850	5" Angle Arrow Dripper	50	500	C	
ABS	12602840	Angle Barbed Stake	50	500	C	MTO
Note: Barb emitters use 187x125 tubing; taper emitters use multi-outlet components. Bulk items sold in box quantity only.						
Weighted Assembly and Dripper Stake Assembly Components						
MAN1	12602908	Adapter for 0.125 x 0.197 Flexible PVC (PVC 5/3 or PE 5/3)	100	2800	B	MTO
WTMTL	12292026	Metal Weight (Zinc Aluminum Alloy) (fits 0.125 x 0.197)		2000	B	MTO
2-Way Manifold Assemblies with 2 Arrow Drippers - Uses .197 x .125 PVC Tubing						
AAD-218	12720220	2 at 18"		200		MTO
AAD-224	12720221	2 at 24"		200		MTO
AAD-230	12720222	2 at 30"		200		MTO

Multi-Outlet Dripper Assembly Components


MAN4


MAN4C


MAN2


AD5


AAD


ABS

Weighted Assembly and Dripper Stake Assembly Components


MAN1


WTMTL

2-Way Manifold Assemblies with 2 Arrow Drippers- Uses .197 x .125 PVC Tubing


AAD-218

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Multi-Outlet Dripper Assemblies

Model #	Part #	Description	Box Qty	Stock Code
4-Way Manifold Assemblies with 4 Arrow Drippers				
AAD-418	12730320	18"	200	MTO
AAD-424	12730321	24"	200	MTO
AAD-430	12730322	30"	200	MTO
AAD-41830	12730325	2 @ 18" & 2 @ 30"	200	MTO
AAD-41836	12730326	2 @ 18" & 2 @ 36"	200	MTO
AAD-42436	12730327	2 @ 24" & 2 @ 36"	200	MTO
AAD-42448	12730328	2 @ 24" & 2 @ 48"	200	MTO



Assemblies come standard with 5" angle arrow drippers. To substitute the 5" straight arrow dripper, replace the AAD in the catalog number with AD5, with AADS for 4" short angle arrow dripper. The above assemblies come standard with a flat 4-way manifold. To substitute the stackable 4-way manifold add a C after the 4 (4C) or to substitute the upright 4-way manifold add a T (4T) after the 4.

Model #	Part #	Description	Box Qty	Stock Code
Hanging Baskets Weighted Assemblies Assembled standard with 1/2 GPH PC emitters (non-leak feature) and metal weight				
MTL-18-2	12705170	18"	200	MTO
MTL-24-2	12705171	24"	200	MTO
MTL-36-2	12705173	36"	200	MTO
MTL-48-2	12705174	48"	200	MTO



Model #	Part #	Description	Box Qty	Stock Code
PC Angled Barbed Stake Assemblies Assembled with 1/2 GPH PC emitter (non-leak feature) and angled barbed stake				
ABS-24-2	12715141	24"	200	MTO
ABS-30-2	12715142	30"	200	MTO
ABS-36-2	12715143	36"	200	MTO
ABS-48-2	12715144	48"	200	MTO
Non-PC Arrow Dripper Assemblies				
AAD-18	12710020	18"	200	MTO
AAD-24	12710021	24"	200	MTO
AAD-30	12710022	30"	200	MTO
AAD-36	12710023	36"	200	MTO
AAD-48	12710124	48"	200	MTO





Note: Non-PC Arrow Dripper Assemblies come standard with 5" angle arrow drippers. To substitute the 5" straight arrow dripper, replace the AAD in the catalog number with AD5.

Weighted Emitter Assemblies

Model #	Part #	Description	Bag Qty	Box Qty	Stock Code
Stabilized Hanging Sprinkler Tube Assembly with Barb					
TA-PVC-BF-BB-WT-12	11997140	12" Tube Assembly with Butterfly	100		
TA-PVC-BF-BB-WT-18	11997142	18" Tube Assembly with Butterfly	100		MTO
TA-PVC-BF-BB-WT-24	11997143	24" Tube Assembly with Butterfly	100		
TA-PVC-BF-BB-WT-30	11997146	30" Tube Assembly with Butterfly	100		MTO
TA-PVC-BF-BB-WT-36	11997149	36" Tube Assembly with Butterfly	100		
TA-PVC-BF-BB-WT-48	11997152	48" Tube Assembly with Butterfly	100		
TA-PVC-BF-BB-WT-60	11997155	60" Tube Assembly with Butterfly	100		MTO
Butterfly Tube Assemblies with Barb					
TA-PVC-BF-BB-24	11997030	24" Tube Assembly with Butterfly	100	1000	
TA-PVC-BF-BB-30	11997032	30" Tube Assembly with Butterfly	100	1000	
TA-PVC-BF-BB-36	11997036	36" Tube Assembly with Butterfly	100	1000	
TA-PVC-BF-BB-48	11997040	48" Tube Assembly with Butterfly	100		
TA-PVC-BF-BB-60	11997042	60" Tube Assembly with Butterfly	100		





Feed Tubes



Model #	Part #	Description	Bag Qty	Box Qty	Box Code	Stock Code
PVC Tube Assembly for Barbed Bases (uses 4/7 Barb, 17097032), Tube Lead .276 x .158 - PVC						
TA-PVC-BB-24	11997006	24" PVC Tubing Assy for Barbed Bases	100	1000	H	MTO
TA-PVC-BB-30	11997008	30" PVC Tubing Assy for Barbed Bases	100	1000	H	
TA-PVC-BB-36	11997012	36" PVC Tubing Assy for Barbed Bases	100	1000	H	MTO
TA-PVC-BB-48	11997016	48" PVC Tubing Assy for Barbed Bases	100			MTO
TA-PVC-BB-60	11997018	60" PVC Tubing Assy for Barbed Bases	100			MTO
TA-PVC-BB-72	11997010	72" PVC Tubing Assy for Barbed Bases	100			MTO
PE Tube Assembly for Threaded Bases (uses 170-TB, 12290009), Tube Lead .250 x .160 - PE						
TA-PE-BB-18	11997164	18" PE Tubing Assy for Threaded Bases		1000	H	MTO
TA-PE-BB-24	11997160	24" PE Tubing Assy for Threaded Bases		1000	H	MTO
TA-PE-BB-30	11997162	30" PE Tubing Assy for Threaded Bases		1000	H	
TA-PE-BB-36	11997163	36" PE Tubing Assy for Threaded Bases		1000	H	MTO
TA-PE-BB-48	11997166	48" PE Tubing Assy for Threaded Bases				MTO
TA-PE-BB-60	11997168	60" PE Tubing Assy for Threaded Bases				MTO



Spray Sticks

Model #	Part #	Description	Bag Qty	Box Qty	Box Wt (lbs)	Box Code	Stock Code
Chapin Spray Sticks							
STP	12500421	Green, "P" Spray Tube Stake Use with 0.128" OD x 0.076" ID tubing	100	3000	48.0	N	
STN	12500422	Blue, "N" Spray Tube Stake Use with 0.187" OD x 0.125" ID tubing	100	3000	48.0	N	
Chapin Spray Sticks and Tubes for Pots							
ST-P-12	12781312	with 12" 128 x 076-PE Tubing	50*	2000	48.0	N	MTO
ST-P-18	12781318	with 18" 128 x 076-PE Tubing	50*	1500	41.0	N	MTO
ST-P-24	12781324	with 24" 128 x 076-PE Tubing	50*	1500	47.0	N	MTO
ST-P-30	12781330	with 30" 128 x 076-PE Tubing	50*	1500	50.0	N	MTO
ST-P-36	12781336	with 36" 128 x 076-PE Tubing	50*	1500	56.0	N	MTO
ST-P-42	12781342	with 48" 128 x 076-PE Tubing	50*	1500	37.0	N	MTO
Chapin Spray Sticks and Tubes for Nursery Containers							
ST-N-18	12783418	with 18" 187 x 125-PE Tubing	50*	1500	41.0	N	MTO
ST-N-24	12783424	with 24" 187 x 125-PE Tubing	50*	1500	47.0	N	MTO
ST-N-30	12783430	with 30" 187 x 125-PE Tubing	50*	1500	50.0	N	MTO
ST-N-36	12783436	with 36" 187 x 125-PE Tubing	50*	1000	56.0	N	MTO
ST-N-48	12783448	with 48" 187 x 125-PE Tubing	50*	1000	36.0	N	MTO
ST-N-72	12783472	with 72" 187 x 125-PE Tubing	50*	500	38.0	N	MTO

Note: Minimum quantity of 100; must be ordered in increments of 50.

* Bundles



Model #	Part #	Description	Bag Qty	Box Qty	Box Wt	Box Code
Aqua Spray Sticks						
ASBLK-6	12501250	Black, High Flow, Down 160 Degrees, 15.0 GPH	100	1000	13	F
ASGRN-6	12501251	Green, Medium Flow, Down 160 Degrees, 11.4 GPH	100	1000	13	F
ASAVCDO-6	12501252	Avocado, Low Flow, Down 160 Degrees, 6.6 GPH	100	1000	13	F
ASTERCTA-6	12501253	Terra Cotta, Mini Flow, Down 160 Degrees, 4.2 GPH	100	1000	13	F
ASBRN-6	12501254	Brown, Low Flow, Flat 90 Degrees, 6.6 GPH	100	1000	13	F
ASGRY-6	12501255	Gray, Mini Flow, Flat 90 Degrees, 3.0 GPH	100	1000	13	F
ASBLU-6	12501256	Blue, Medium Flow, Flat 360 Degrees, 10.8 GPH	100	1000	13	F

Note: Uses .187 x .125 PE tubing. All flow rates should be specified for 20 psi.





Trickle Stick

Model #	Part #	Description	Bag Qty	Box Qty	Box Wt	Box Code	Stock Code
Trickle Stick							
TRS	12500423	Black — Use with 0.128" OD x 0.036", 0.050", 0.060" or 0 .076" ID tubing. Shut-off port on the side	100	5000	48.0	N	
Trickle Stick Assemblies: 0.036 Inside Diameter Tube							
TRS36-12	12790012	with 12" 128x036-PE Tubing	50*	2000	31.0	N	MTO
TRS36-18	12790018	with 18" 128x036-PE Tubing	50*	2000	37.0	N	MTO
TRS36-24	12790024	with 24" 128x036-PE Tubing	50*	2000	39.0	N	MTO
TRS36-36	12790036	with 36" 128x036-PE Tubing	50*	1500	39.0	N	MTO
TRS36-42	12790042	with 42" 128x036-PE Tubing	50*	1500	45.0	N	MTO
TRS36-48	12790054	with 48" 128x036-PE Tubing	50*	1500	45.0	N	MTO
Trickle Stick Assemblies: 0.050 Inside Diameter Tube							
TRS50-12	12790112	with 12" 128x050-PE Tubing	50*	2000	31.0	N	MTO
TRS50-18	12790118	with 18" 128x050-PE Tubing	50*	2000	37.0	N	MTO
TRS50-24	12790124	with 24" 128x050-PE Tubing	50*	2000	39.0	N	MTO
TRS50-30	12790130	with 30" 128x050-PE Tubing	50*	2000	45.0	N	MTO
TRS50-36	12790136	with 36" 128x050-PE Tubing	50*	1500	39.0	N	MTO
TRS50-42	12790142	with 42" 128x050-PE Tubing	50*	1500	39.0	N	MTO
TRS50-48	12790148	with 48" 128x050-PE Tubing	50*	1500	45.0	N	MTO
Trickle Stick Assemblies: 0.060 Inside Diameter Tube							
TRS60-24	12790224	with 24" 128x060-PE Tubing	50*	2000	39.0	N	MTO
TRS60-30	12790230	with 30" 128x060-PE Tubing	50*	2000	45.0	N	MTO
TRS60-36	12790236	with 36" 128x060-PE Tubing	50*	1500	39.0	N	MTO
Trickle Stick Assemblies: 0.076 Inside Diameter Tube							
TRS76-12	12790312	with 12" 128x076-PE Tubing	50*	2000	31.0	N	MTO
TRS76-18	12790318	with 18" 128x076-PE Tubing	50*	2000	37.0	N	MTO
TRS76-24	12790324	with 24" 128x076-PE Tubing	50*	2000	39.0	N	MTO
TRS76-30	12790336	with 36" 128x076-PE Tubing	50	1500	39.0	N	MTO
TRS76-36	12790330	with 30" 128x076-PE Tubing	50	2000	45.0	N	MTO

Note: Other cut lengths are available. Micro Tubing is also available in White PE. Please contact Jain Customer Service for pricing availability. Minimum quantity of 100; must be ordered in increments of 50.
* Bundle



TRS



TRS36-12

Chapin Twist Weights

Model #	Part #	Description	Bag Qty	Box Qty	Box Wt	Box Code	Stock Code
Chapin On/Off Twist Weight Assemblies: 0.036 Inside Diameter Tube							
EWO36-12	12771012	with 12" 128x036-PE Tubing	50*	500	49.0	F	MTO
EWO36-18	12771018	with 18" 128x036-PE Tubing	50*	500	40.0	F	MTO
EWO36-24	12771024	with 24" 128x036-PE Tubing	50*	500	41.0	F	MTO
EWO36-30	12771030	with 30" 128x036-PE Tubing	50*	500	38.4	F	MTO
EWO36-36	12771036	with 36" 128x036-PE Tubing	50*	500	35.0	F	MTO
EWO36-42	12771042	with 42" 128x036-PE Tubing	50*	500	31.0	F	MTO
EWO36-48	12771048	with 48" 128x036-PE Tubing	50*	400	26.0	F	MTO
EWO36-60	12771060	with 60" 128x036-PE Tubing	50*	400	28.0	F	MTO
EWO36-72	12771072	with 72" 128x036-PE Tubing	50*	350	21.0	F	MTO
Chapin On/Off Twist Weight Assemblies: 0.050 Inside Diameter Tube							
EWO50-12	12771112	with 12" 128x050-PE Tubing	50*	500	48.5	F	MTO
EWO50-18	12771118	with 18" 128x050-PE Tubing	50*	500	38.7	F	MTO
EWO50-24	12771124	with 24" 128x050-PE Tubing	50*	500	40.5	F	MTO
EWO50-30	12771130	with 30" 128x050-PE Tubing	50*	500	38.4	F	MTO
EWO50-36	12771136	with 36" 128x050-PE Tubing	50*	500	34.3	F	MTO
EWO50-42	12771142	with 42" 128x050-PE Tubing	50*	500	30.5	F	MTO
EWO50-48	12771148	with 48" 128x050-PE Tubing	50*	400	25.5	F	MTO
EWO50-60	12771160	with 60" 128x050-PE Tubing	50*	400	27.5	F	MTO
EWO50-72	12771172	with 72" 128x050-PE Tubing	50*	350	20.7	F	MTO
Chapin On/Off Twist Weight Assemblies: 0.060 Inside Diameter Tube							
EWO60-12	12771212	with 12" 128x060-PE Tubing	50*	500	48.0	F	MTO
EWO60-18	12771218	with 18" 128x060-PE Tubing	50*	500	38.2	F	
EWO60-24	12771224	with 24" 128x060-PE Tubing	50*	500	40.0	F	
EWO60-30	12771230	with 30" 128x060-PE Tubing	50*	500	38.4	F	
EWO60-36	12771236	with 36" 128x060-PE Tubing	50*	500	34.3	F	
EWO60-42	12771242	with 42" 128x060-PE Tubing	50*	500	27.0	F	
EWO60-48	12771248	with 48" 128x060-PE Tubing	50*	400	25.5	F	
EWO60-60	12771260	with 60" 128x060-PE Tubing	50*	400	27.5	F	MTO
EWO60-72	12771272	with 72" 128x060-PE Tubing	50*	350	20.7	F	
Chapin On/Off Twist Weight Assemblies: 0.076 Inside Diameter Tube							
EWO76-12	12771312	with 12" 128x076-PE Tubing	50*	500	47.5	F	MTO
EWO76-18	12771318	with 18" 128x076-PE Tubing	50*	500	37.7	F	MTO
EWO76-24	12771324	with 24" 128x076-PE Tubing	50*	500	39.5	F	
EWO76-30	12771330	with 30" 128x076-PE Tubing	50*	500	37.4	F	MTO
EWO76-36	12771336	with 36" 128x076-PE Tubing	50*	500	33.3	F	
EWO76-42	12771342	with 42" 128x076-PE Tubing	50	500	27.0	F	MTO
EWO76-48	12771348	with 48" 128x076-PE Tubing	50	400	24.5	F	
EWO76-60	12771360	with 60" 128x076-PE Tubing	50	400	26.5	F	MTO
EWO76-72	12771372	with 72" 128x076-PE Tubing	50	350	19.7	F	MTO





Note: Other cut lengths are available. Micro Tubing is also available in White PE. Please contact Jain Customer Service for availability. Minimum quantity of 100; must be ordered in increments of 50.
Use Punch 12290205 for Tube Weight Assemblies.
* Bundle

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Chapin PC Twist Weights

Model #	Part #	Description	Bundle Qty	Box Qty	Box Wt	Box Code	Stock Code
Chapin On/Off Twist Weight Assemblies: 0.5 GPH PC Emitters with On/Off Tube Weight							
05PC-EWO76-12	12775312	with 12" 128x076-PE Tubing	50	500	23.0	F	MTO
05PC-EWO76-18	12775318	with 18" 128x076-PE Tubing	50	500	23.5	F	MTO
05PC-EWO76-24	12775324	with 24" 128x076-PE Tubing	50	500	24.5	F	MTO
05PC-EWO76-30	12775330	with 30" 128x076-PE Tubing	50	500	26.0	F	MTO
05PC-EWO76-36	12775336	with 36" 128x076-PE Tubing	50	500	37.1	F	MTO
05PC-EWO76-48	12775348	with 48" 128x076-PE Tubing	50	400	28.5	F	MTO
05PC-EWO76-60	12775360	with 60" 128x076-PE Tubing	50	400	29.0	F	MTO
05PC-EWO76-72	12775372	with 72" 128x076-PE Tubing	50	300	29.5	F	MTO
Chapin On/Off Twist Weight Assemblies: 1 GPH PC Emitters with On/Off Tube Weight							
10PC-EWO76-12	12776312	with 12" 128x076-PE Tubing	50	500	23.0	F	MTO
10PC-EWO76-18	12776318	with 18" 128x076-PE Tubing	50	500	23.5	F	MTO
10PC-EWO76-24	12776324	with 24" 128x076-PE Tubing	50	500	24.5	F	MTO
10PC-EWO76-30	12776330	with 30" 128x076-PE Tubing	50	500	26.0	F	MTO
10PC-EWO76-36	12776336	with 36" 128x076-PE Tubing	50	500	37.1	F	MTO
10PC-EWO76-48	12776348	with 48" 128x076-PE Tubing	50	400	28.5	F	MTO
10PC-EWO76-60	12776360	with 60" 128x076-PE Tubing	50	400	29.0	F	MTO
10PC-EWO76-72	12776372	with 72" 128x076-PE Tubing	50	300	29.5	F	MTO
Chapin On/Off Twist Weight Assemblies: 2 GPH PC Emitters with On/Off Tube Weight							
20PC-EWO76-12	12777312	with 12" 128x076-PE Tubing	50	500	23.0	F	MTO
20PC-EWO76-18	12777318	with 18" 128x076-PE Tubing	50	500	23.5	F	MTO
20PC-EWO76-24	12777324	with 24" 128x076-PE Tubing	50	500	24.5	F	MTO
20PC-EWO76-30	12777330	with 30" 128x076-PE Tubing	50	500	26.0	F	MTO
20PC-EWO76-36	12777336	with 36" 128x076-PE Tubing	50	500	37.1	F	MTO
20PC-EWO76-48	12777348	with 48" 128x076-PE Tubing	50	400	28.5	F	MTO
20PC-EWO76-60	12777360	with 60" 128x076-PE Tubing	50	400	29.0	F	MTO
20PC-EWO76-72	12777372	with 72" 128x076-PE Tubing	50	300	29.5	F	MTO

Note: Other cut lengths are available. Micro Tubing is also available in White PE. Minimum quantity of 100; must be ordered in increments of 50. Please contact Jain Customer Service for availability.

Chapin On/Off Twist Weight Assemblies: 1 GPH PC Emitters with On/Off Tube Weight



10PC-EWO76-12

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11990258	LPD-LP-BY-BY	H-08	$2.99
11990288	RLPD-LP-MA-BY	H-09	$2.99
11990303	LPD-HP-FM-MA	H-08	$2.99
11990308	LPD-LP-FM-MA	H-08	$2.99
11990323	LPD-HP-BB-MA	H-08	$2.99
11990328	LPD-LP-BB-MA	H-08	$2.99
11990343	LPD-HP-38-MA	H-08	$2.99
11990348	LPD-LP-38-MA	H-08	$2.99
11990388	RLPD-LP-MA-MA	H-09	$2.99
11990423	RLPD-HP-BB-FM	H-09	$2.99
11990428	RLPD-LP-BB-FM	H-09	$2.99
11990443	RLPD-HP-38-FM	H-09	$2.99
11990448	RLPD-LP-38-FM	H-09	$2.99
11990483	RLPD-HP-MA-FM	H-09	$2.99
11990488	RLPD-LP-MA-FM	H-09	$2.99
11992403	LPD-DPH	H-09	$1.69
11997006	TA-PVC-BB-24	H-14	$0.76
11997008	TA-PVC-BB-30	H-14	$0.86
11997010	TA-PVC-BB-72	H-14	$1.55
11997012	TA-PVC-BB-36	H-14	$0.96
11997016	TA-PVC-BB-48	H-14	$1.16
11997018	TA-PVC-BB-60	H-14	$1.35
11997030	TA-PVC-BF-BB-24	H-13	$1.79
11997032	TA-PVC-BF-BB-30	H-13	$1.90
11997036	TA-PVC-BF-BB-36	H-13	$1.99
11997040	TA-PVC-BF-BB-48	H-13	$2.19
11997042	TA-PVC-BF-BB-60	H-13	$2.39
11997140	TA-PVC-BF-BB-WT-12	H-13	$2.57
11997142	TA-PVC-BF-BB-WT-18	H-13	$2.68
11997143	TA-PVC-BF-BB-WT-24	H-13	$2.72
11997146	TA-PVC-BF-BB-WT-30	H-13	$2.85
11997149	TA-PVC-BF-BB-WT-36	H-13	$2.95
11997152	TA-PVC-BF-BB-WT-48	H-13	$3.15
11997155	TA-PVC-BF-BB-WT-60	H-13	$3.35
11997160	TA-PE-BB-24	H-14	$0.73
11997162	TA-PE-BB-30	H-14	$0.83
11997163	TA-PE-BB-36	H-14	$0.93
11997164	TA-PE-BB-18	H-14	$0.64
11997166	TA-PE-BB-48	H-14	$1.13

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12500421	STP	H-15	$0.61
12500422	STN	H-15	$0.64
12500423	TRS	H-16	$0.61
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12501251	ASGRN-6	H-15	$0.45
12501252	ASAVCDO-6	H-15	$0.45
12501253	ASTERCTA-6	H-15	$0.45
12501254	ASBRN-6	H-15	$0.45
12501255	ASGRY-6	H-15	$0.45
12501256	ASBLU-6	H-15	$0.45
12503205	CTHDT2-CNL	H-10	$0.44
12503208	CTHDT3-CNL	H-10	$0.44
12503210	CTHDT4- CNL	H-10	$0.44
12503215	CTHDT8-CNL	H-10	$0.43
12503220	CTHDT12-CNL	H-10	$0.43
12503405	CTTPC2	H-10	$0.43
12503410	CTTPC4	H-10	$0.43
12503420	CTTPC8	H-10	$0.43
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12602840	ABS	H-11	$0.17
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12602928	MAN2C	H-11	$0.33
12602940	MAN4	H-11	$0.25
12602948	MAN4C	H-11	$0.29
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12705173	MTL-36-2	H-12	$3.54
12705174	MTL-48-2	H-12	$3.74
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12710021	AAD-24	H-12	$1.31
12710022	AAD-30	H-12	$1.04
12710023	AAD-36	H-12	$1.41
12710124	AAD-48	H-12	$1.22
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12720222	AAD-230	H-11	$3.89
12730320	AAD-418	H-12	$8.29
12730321	AAD-424	H-12	$8.29
12730322	AAD-430	H-12	$9.83
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12730327	AAD-42436	H-12	$9.22
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12771018	EWO36-18	H-17	$1.44
12771024	EWO36-24	H-17	$1.46
12771030	EWO36-30	H-17	$1.51
12771036	EWO36-36	H-17	$1.56
12771042	EWO36-42	H-17	$1.63
12771048	EWO36-48	H-17	$1.70
12771060	EWO36-60	H-17	$1.83
12771072	EWO36-72	H-17	$2.05
12771112	EWO50-12	H-17	$1.41
12771118	EWO50-18	H-17	$1.44
12771124	EWO50-24	H-17	$1.46
12771130	EWO50-30	H-17	$1.51
12771136	EWO50-36	H-17	$1.56
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12771148	EWO50-48	H-17	$1.70
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12771230	EWO60-30	H-17	$1.54
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12771260	EWO60-60	H-17	$1.84
12771272	EWO60-72	H-17	$2.06
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12771348	EWO76-48	H-17	$1.71
12771360	EWO76-60	H-17	$1.84
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12775324	05PC-EWO76-24	H-18	$2.31
12775330	05PC-EWO76-30	H-18	$2.31
12775336	05PC-EWO76-36	H-18	$2.50
12775348	05PC-EWO76-48	H-18	$2.68
12775360	05PC-EWO76-60	H-18	$3.03
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12776324	10PC-EWO76-24	H-18	$2.31
12776330	10PC-EWO76-30	H-18	$2.31
12776336	10PC-EWO76-36	H-18	$2.50
12776348	10PC-EWO76-48	H-18	$2.68
12776360	10PC-EWO76-60	H-18	$3.03
12776372	10PC-EWO76-72	H-18	$3.39
12777312	20PC-EWO76-12	H-18	$2.15
12777318	20PC-EWO76-18	H-18	$2.15
12777324	20PC-EWO76-24	H-18	$2.31
12777330	20PC-EWO76-30	H-18	$2.31
12777336	20PC-EWO76-36	H-18	$2.50
12777348	20PC-EWO76-48	H-18	$2.68
12777360	20PC-EWO76-60	H-18	$3.03
12777372	20PC-EWO76-72	H-18	$3.39
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12781330	ST-P-30	H-15	$0.82
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12781342	ST-P-42	H-15	$0.94
12783418	ST-N-18	H-15	$0.76
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12790224	TRS60-24	H-16	$1.04
12790230	TRS60-30	H-16	$1.06
12790236	TRS60-36	H-16	$1.10
12790312	TRS76-12	H-16	$0.83
12790318	TRS76-18	H-16	$1.01
12790324	TRS76-24	H-16	$0.88
12790330	TRS76-36	H-16	$1.06
12790336	TRS76-30	H-16	$1.10
12820300	FOG-BE-NZ	H-03	$2.18
12820500	FOG-OE-NZ	H-03	$2.18
12820700	FOG-RD-NZ	H-03	$2.18
12820800	FOG-BK-NZ	H-03	$2.18
12838400	BGMJ-5	H-03	$4.36
12890200	GM-NZ	H-03	$2.57
12898200	GM-LPD-FM	H-03	$4.97
17050012	MOD-GN-AM	H-06	$0.47
17050013	MOD-BE-AM	H-06	$0.47
17050015	MOD-OE-AM	H-06	$0.47
17050016	MOD-YW-AM	H-06	$0.47
17050018	FOG-PLUG	H-03	$0.38
17050112	BAY-GN-AM	H-06	$0.47
17050113	BAY-BE-AM	H-06	$0.47
17050115	BAY-OE-AM	H-06	$0.47
17050116	BAY-YW-AM	H-06	$0.47
17090300	LPD-FILTER	H-09	$0.33
17090710	MOD-BF-47B	H-08	$0.67
17091014	FOG-4W	H-03	$2.50
17091018	FOG-45	H-03	$0.83
17091020	FOG-2W	H-03	$2.39
17091239	FNF-PLUG	H-09	$0.31
17097001	MOD-12-B	H-08	$1.26
17097002	MOD-38-B	H-08	$1.26
17097016	MOD-BF-38T	H-08	$0.67
17097017	MOD-BF-QT	H-08	$0.67
17097030	MOD-BF-38T47B	H-08	$0.67
17097051	WEIGHT	H-09	$0.83
17484921	HAD-12-BY	H-08	$1.35
17484931	HAD-38-BY	H-08	$1.35
17493000	GMJ-5	H-03	$1.44
17493001	GSJ-10	H-03	$1.44
17497031	HAD-PG-BY	H-08	$0.52
17497041	HAD-MA-BY	H-08	$0.52
17497051	HAD-FM-BY	H-08	$0.52
17499900	GSJ-13	H-03	$1.44
32020405	CTTPC2-BULK	H-10	$0.35
32020410	CTTPC4-BULK	H-10	$0.35
32020420	CTTPC8-BULK	H-10	$0.35
32021205	CTHDT2-CNL-BULK	H-10	$0.35
32021208	CTHDT3-CNL-BULK	H-10	$0.35
32021210	CTHDT4-CNL-BULK	H-10	$0.35
32021215	CTHDT8-CNL-BULK	H-10	$0.35
32021220	CTHDT12-CNL-BULK	H-10	$0.35

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H-03	FOG-BK-NZ	12820800	$2.18
H-03	BGMJ-5	12838400	$4.36
H-03	GM-NZ	12890200	$2.57
H-03	GM-LPD-FM	12898200	$4.97
H-03	FOG-PLUG	17050018	$0.38
H-03	FOG-4W	17091014	$2.50
H-03	FOG-45	17091018	$0.83
H-03	FOG-2W	17091020	$2.39
H-03	GMJ-5	17493000	$1.44
H-03	GSJ-10	17493001	$1.44
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H-08	LPD-LP-FM-MA	11990308	$2.99
H-08	LPD-HP-BB-MA	11990323	$2.99
H-08	LPD-LP-BB-MA	11990328	$2.99
H-08	LPD-HP-38-MA	11990343	$2.99
H-08	LPD-LP-38-MA	11990348	$2.99
H-08	MOD-BF-47B	17090710	$0.67
H-08	MOD-12-B	17097001	$1.26
H-08	MOD-38-B	17097002	$1.26
H-08	MOD-BF-38T	17097016	$0.67
H-08	MOD-BF-QT	17097017	$0.67
H-08	MOD-BF-38T47B	17097030	$0.67
H-08	HAD-12-BY	17484921	$1.35
H-08	HAD-38-BY	17484931	$1.35
H-08	HAD-PG-BY	17497031	$0.52
H-08	HAD-MA-BY	17497041	$0.52
H-08	HAD-FM-BY	17497051	$0.52

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H-09	RLPD-LP-MA-MA	11990388	$2.99
H-09	RLPD-HP-BB-FM	11990423	$2.99
H-09	RLPD-LP-BB-FM	11990428	$2.99
H-09	RLPD-HP-38-FM	11990443	$2.99
H-09	RLPD-LP-38-FM	11990448	$2.99
H-09	RLPD-HP-MA-FM	11990483	$2.99
H-09	RLPD-LP-MA-FM	11990488	$2.99
H-09	LPD-DPH	11992403	$1.69
H-09	32-DRAMM GR	12291066	$0.49
H-09	LPD-FILTER	17090300	$0.33
H-09	FNF-PLUG	17091239	$0.31
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H-10	CTHDT4- CNL	12503210	$0.44
H-10	CTHDT8-CNL	12503215	$0.43
H-10	CTHDT12-CNL	12503220	$0.43
H-10	CTTPC2	12503405	$0.43
H-10	CTTPC4	12503410	$0.43
H-10	CTTPC8	12503420	$0.43
H-10	CTTPC2-BULK	32020405	$0.35
H-10	CTTPC4-BULK	32020410	$0.35
H-10	CTTPC8-BULK	32020420	$0.35
H-10	CTHDT2-CNL-BULK	32021205	$0.35
H-10	CTHDT3-CNL-BULK	32021208	$0.35
H-10	CTHDT4-CNL-BULK	32021210	$0.35
H-10	CTHDT8-CNL-BULK	32021215	$0.35
H-10	CTHDT12-CNL-BULK	32021220	$0.35
H-11	WTMTL	12292026	$2.24
H-11	AD5	12602800	$0.30
H-11	ABS	12602840	$0.17

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Page	Model #	Part #	Price
H-11	AAD	12602850	$0.30
H-11	MAN1	12602908	$0.12
H-11	MAN2	12602920	$0.29
H-11	MAN2C	12602928	$0.33
H-11	MAN4	12602940	$0.25
H-11	MAN4C	12602948	$0.29
H-11	AAD-218	12720220	$3.70
H-11	AAD-224	12720221	$3.78
H-11	AAD-230	12720222	$3.89
H-12	MTL-18-2	12705170	$3.35
H-12	MTL-24-2	12705171	$3.43
H-12	MTL-36-2	12705173	$3.54
H-12	MTL-48-2	12705174	$3.74
H-12	AAD-18	12710020	$1.28
H-12	AAD-24	12710021	$1.31
H-12	AAD-30	12710022	$1.04
H-12	AAD-36	12710023	$1.41
H-12	AAD-48	12710124	$1.22
H-12	ABS-24-2	12715141	$1.78
H-12	ABS-30-2	12715142	$1.52
H-12	ABS-36-2	12715143	$1.54
H-12	ABS-48-2	12715144	$1.62
H-12	AAD-418	12730320	$8.29
H-12	AAD-424	12730321	$8.29
H-12	AAD-430	12730322	$9.83
H-12	AAD-41830	12730325	$8.94
H-12	AAD-41836	12730326	$9.22
H-12	AAD-42436	12730327	$9.22
H-12	AAD-42448	12730328	$9.49
H-13	TA-PVC-BF-BB-24	11997030	$1.79
H-13	TA-PVC-BF-BB-30	11997032	$1.90
H-13	TA-PVC-BF-BB-36	11997036	$1.99
H-13	TA-PVC-BF-BB-48	11997040	$2.19
H-13	TA-PVC-BF-BB-60	11997042	$2.39
H-13	TA-PVC-BF-BB-WT-12	11997140	$2.57
H-13	TA-PVC-BF-BB-WT-18	11997142	$2.68
H-13	TA-PVC-BF-BB-WT-24	11997143	$2.72
H-13	TA-PVC-BF-BB-WT-30	11997146	$2.85
H-13	TA-PVC-BF-BB-WT-36	11997149	$2.95
H-13	TA-PVC-BF-BB-WT-48	11997152	$3.15
H-13	TA-PVC-BF-BB-WT-60	11997155	$3.35

Page	Model #	Part #	Price
H-14	TA-PVC-BB-24	11997006	$0.76
H-14	TA-PVC-BB-30	11997008	$0.86
H-14	TA-PVC-BB-72	11997010	$1.55
H-14	TA-PVC-BB-36	11997012	$0.96
H-14	TA-PVC-BB-48	11997016	$1.16
H-14	TA-PVC-BB-60	11997018	$1.35
H-14	TA-PE-BB-24	11997160	$0.73
H-14	TA-PE-BB-30	11997162	$0.83
H-14	TA-PE-BB-36	11997163	$0.93
H-14	TA-PE-BB-18	11997164	$0.64
H-14	TA-PE-BB-48	11997166	$1.13
H-14	TA-PE-BB-60	11997168	$1.32
H-15	STP	12500421	$0.61
H-15	STN	12500422	$0.64
H-15	ASBLK-6	12501250	$0.45
H-15	ASGRN-6	12501251	$0.45
H-15	ASAVCDO-6	12501252	$0.45
H-15	ASTERCTA-6	12501253	$0.45
H-15	ASBRN-6	12501254	$0.45
H-15	ASGRY-6	12501255	$0.45
H-15	ASBLU-6	12501256	$0.45
H-15	ST-P-12	12781312	$0.62
H-15	ST-P-18	12781318	$0.76
H-15	ST-P-24	12781324	$0.78
H-15	ST-P-30	12781330	$0.82
H-15	ST-P-36	12781336	$0.88
H-15	ST-P-42	12781342	$0.94
H-15	ST-N-18	12783418	$0.76
H-15	ST-N-24	12783424	$0.78
H-15	ST-N-30	12783430	$0.82
H-15	ST-N-36	12783436	$0.88
H-15	ST-N-48	12783448	$0.97
H-15	ST-N-72	12783472	$1.08
H-16	TRS	12500423	$0.61
H-16	TRS36-12	12790012	$0.98
H-16	TRS36-18	12790018	$1.01
H-16	TRS36-24	12790024	$1.04
H-16	TRS36-36	12790036	$1.10
H-16	TRS36-42	12790042	$1.15
H-16	TRS36-48	12790054	$1.21
H-16	TRS50-12	12790112	$0.98

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Page	Model #	Part #	Price
H-16	TRS50-18	12790118	$1.01
H-16	TRS50-24	12790124	$1.04
H-16	TRS50-30	12790130	$1.06
H-16	TRS50-36	12790136	$1.10
H-16	TRS50-42	12790142	$1.15
H-16	TRS50-48	12790148	$1.21
H-16	TRS60-24	12790224	$1.04
H-16	TRS60-30	12790230	$1.06
H-16	TRS60-36	12790236	$1.10
H-16	TRS76-12	12790312	$0.83
H-16	TRS76-18	12790318	$1.01
H-16	TRS76-24	12790324	$0.88
H-16	TRS76-36	12790330	$1.06
H-16	TRS76-30	12790336	$1.10
H-17	EWO36-12	12771012	$1.41
H-17	EWO36-18	12771018	$1.44
H-17	EWO36-24	12771024	$1.46
H-17	EWO36-30	12771030	$1.51
H-17	EWO36-36	12771036	$1.56
H-17	EWO36-42	12771042	$1.63
H-17	EWO36-48	12771048	$1.70
H-17	EWO36-60	12771060	$1.83
H-17	EWO36-72	12771072	$2.05
H-17	EWO50-12	12771112	$1.41
H-17	EWO50-18	12771118	$1.44
H-17	EWO50-24	12771124	$1.46
H-17	EWO50-30	12771130	$1.51
H-17	EWO50-36	12771136	$1.56
H-17	EWO50-42	12771142	$1.63
H-17	EWO50-48	12771148	$1.70
H-17	EWO50-60	12771160	$1.83
H-17	EWO50-72	12771172	$2.05
H-17	EWO60-12	12771212	$1.44
H-17	EWO60-18	12771218	$1.46
H-17	EWO60-24	12771224	$1.49
H-17	EWO60-30	12771230	$1.54
H-17	EWO60-36	12771236	$1.57
H-17	EWO60-42	12771242	$1.65
H-17	EWO60-48	12771248	$1.71
H-17	EWO60-60	12771260	$1.84
H-17	EWO60-72	12771272	$2.06

Page	Model #	Part #	Price
H-17	EWO76-12	12771312	$1.44
H-17	EWO76-18	12771318	$1.46
H-17	EWO76-24	12771324	$1.49
H-17	EWO76-30	12771330	$1.54
H-17	EWO76-36	12771336	$1.57
H-17	EWO76-42	12771342	$1.65
H-17	EWO76-48	12771348	$1.71
H-17	EWO76-60	12771360	$1.84
H-17	EWO76-72	12771372	$2.06
H-18	05PC-EWO76-12	12775312	$2.15
H-18	05PC-EWO76-18	12775318	$2.15
H-18	05PC-EWO76-24	12775324	$2.31
H-18	05PC-EWO76-30	12775330	$2.31
H-18	05PC-EWO76-36	12775336	$2.50
H-18	05PC-EWO76-48	12775348	$2.68
H-18	05PC-EWO76-60	12775360	$3.03
H-18	05PC-EWO76-72	12775372	$3.39
H-18	10PC-EWO76-12	12776312	$2.15
H-18	10PC-EWO76-18	12776318	$2.15
H-18	10PC-EWO76-24	12776324	$2.31
H-18	10PC-EWO76-30	12776330	$2.31
H-18	10PC-EWO76-36	12776336	$2.50
H-18	10PC-EWO76-48	12776348	$2.68
H-18	10PC-EWO76-60	12776360	$3.03
H-18	10PC-EWO76-72	12776372	$3.39
H-18	20PC-EWO76-12	12777312	$2.15
H-18	20PC-EWO76-18	12777318	$2.15
H-18	20PC-EWO76-24	12777324	$2.31
H-18	20PC-EWO76-30	12777330	$2.31
H-18	20PC-EWO76-36	12777336	$2.50
H-18	20PC-EWO76-48	12777348	$2.68
H-18	20PC-EWO76-60	12777360	$3.03
H-18	20PC-EWO76-72	12777372	$3.39



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Injectors

Injector Product Range - Models and Kit Assemblies

Injector Model #	MNPT PVDF Black	MNPT PP Black	Injector Size In/Out MNPT	Maximum Suction @50 PSI GPH	@3.4 Bars LPH	Suction Line Kit Only	Bypass & Suction Line Kit	Suction Port Dimensions
283	X	X	1/2"	6.0	22.7	K184	K184-A	1/4" Barb ID Suction Port
287	X	X	1/2"	8.3	31.4	K184	K184-A	1/4" Barb ID Suction Port
384	X	X	1/2"	14.1	53.4	K184	K184-A	1/4" ID Barb & 1/4" Nom. Pipe Size Suction
384X	X	X	1/2"	33.9	128.4	K184	K184-A	1/4" ID Barb & 1/4" Nom. Pipe Size Suction
484	X	X	1/2"	17.4	65.9	K184	K184-A	1/4" ID Barb & 1/4" Nom. Pipe Size Suction
584C	X	X	1/2"	25.6	96.9	K184	K184-A	1/4" ID Barb & 1/4" Nom. Pipe Size Suction
484A	X	X	3/4"	17.4	65.9	K184	K184-B	1/4" ID Barb & 1/4" Nom. Pipe Size Suction
484X	X		3/4"	41.7	157.8	K184	K184-B	
584	X	X	3/4"	25.6	96.9	K184	K184-B	1/4" ID Barb and 1/4" Nominal Pipe Thread
684	X		3/4"	25.0	95.0	K184	K184-B	
878-03	X	X	1"	74.8	283.0	K183/ KR183	K181-A-02	
885X-03	X	X	1"	140.0	530.0	K183/ KR183	K181-A-02	
1078-03	X	X	1"	92.4	350.0	K183/ KR183	K181-A-02	1/2" ID Barb and 1/2" Nom. Pipe Diameter
1583A	X	X	1 1/2"	227.0	860.0	K183/ KR183	K183-A	1/2" ID Barb and 1/2" Nom. Pipe Diameter
1585X	X	X	1 1/2"	323.0	1222.0	K183/ KR183	K183-A	1/2" ID Barb and 1/2" Nom. Pipe Diameter
1587	X	X	1 1/2"	261.0	988.0	K183/ KR183	K183-A	1/2" ID Barb and 1/2" Nom. Pipe Diameter
2081A	X	X	2"	631.0	2388.0	K282/ KR282	K282-A	1.25" Nominal Pipe Size
2083X	X	X	2"	1175.0	4448.0	K282/ KR282	K282-A	1.25" Nominal Pipe Size
3090	X		3"	1236.0	4678.0	N/A	N/A	1.5" Nominal Pipe Size
4091	X		4"	2820.0	10673.0	N/A	N/A	2" Nominal Pipe Size

Note: The 1" injectors with Model # ending in 02 have a check valve design that is the same as the 1 1/2" injectors.

Model #	Part #	Description	Box Qty	Box Wt (lbs)	Stock Code
Mazzei Injectors - Polypropylene					
283-PP	14000000	1/2" MNPT - 1/4" Barb ID Suction Port	60	0.2	
287-PP	14000001	1/2" MNPT - 1/4" Barb ID Suction Port	1	0.2	
384-PP	14000002	1/2" MNPT	1	0.2	
384X-PP	14000441	1/2" MNPT	1	0.2	
484-PP	14000003	1/2" MNPT	1	0.2	
584C-PP	14000004	1/2" MNPT	1	0.2	MTO
484A-PP	14000005	3/4" MNPT	1	0.3	
584-PP	14000006	3/4" MNPT	1	0.3	
878-03-PP	14000007	1" MNPT	1	0.4	
885X-03-PP	14000008	1" MNPT	1	0.4	
1078-03-PP	14000009	1" MNPT	1	0.4	
1583A-PP	14000010	1 1/2" MNPT	1	0.6	
1585X-PP	14000011	1 1/2" MNPT	1	0.6	
1587-PP	14000012	1 1/2" MNPT	1	0.6	MTO
2081A-PP	14000013	2" MNPT	1	0.9	
2083X-PP	14000014	2" MNPT	1	0.9	



Injectors

Model #	Part #	Description	Box Qty	Box Wt (lbs)	Stock Code
Mazzei Injectors - PVDF * 1/2" MNPT					
283-PVDF	14000100	1/2" MNPT	1	0.2	MTO
287-PVDF	14000101	1/2" MNPT	1	0.2	MTO
384-PVDF	14000102	1/2" MNPT	1	0.3	MTO
384X-PVDF	14000103	1/2" MNPT	1	0.3	MTO
484-PVDF	14000104	1/2" MNPT	1	0.3	
584C-PVDF	14000105	1/2" MNPT	1	0.3	MTO
Mazzei Injectors - PVDF * 3/4" MNPT					
484A-PVDF	14000106	3/4" MNPT	1	0.3	
484X-PVDF	14000107	3/4" MNPT	1	0.3	
584-PVDF	14000108	3/4" MNPT	1	0.3	
684-PVDF	14000109	3/4" MNPT	1	0.3	
Mazzei Injectors - PVDF * 1" MNPT					
878-03-PVDF	14000110	1" MNPT	1	0.5	
885X-03-PVDF	14000111	1" MNPT	1	0.5	
1078-03-PVDF	14000112	1" MNPT	1	0.5	
Mazzei Injectors - PVDF * 1 1/2" MNPT					
1583A-PVDF	14000113	1 1/2" MNPT	1	0.9	
1585X-PVDF	14000114	1 1/2" MNPT	1	0.9	MTO
1587-PVDF	14000115	1 1/2" MNPT	1	0.9	MTO
Mazzei Injectors - PVDF * 2" MNPT					
2081A-PVDF	14000116	2" MNPT	1	1.3	
2083X-PVDF	14000117	2" MNPT	1	1.4	MTO
Mazzei Injectors - PVDF * 3" and 4" MNPT					
3090-PVDF	14000118	3" MNPT	1	4.0	MTO
4091-PVDF	14000119	4" MNPT	1	10.7	MTO













Note: Mazzei is a trademark of Mazzei Injector Company, LLC.

* PVDF models are used with Chlorine, Sulfuric and Nitric Acid applications.

AirJection Injectors

Model #	Part #	Description	Bag Qty	Box Qty	Box Wt	Stock Code
Individual (A-Series) AirJection Injectors - PVDF						
A3	14000200	1/2" MNPT Red	1	50	7.6	MTO
A4	14000201	1/2" MNPT Beige	1	50	7.6	MTO
A5	14000202	1/2" MNPT Orange	1	50	7.6	MTO
A7	14000203	1/2" MNPT Yellow	1	50	7.6	MTO
A9	14000204	1/2" MNPT Lime Green	1	50	7.6	MTO
A10	14000205	1/2" MNPT Dark Green	1	50	7.6	MTO
A12	14000206	1/2" MNPT Blue	1	50	7.6	MTO
A14	14000207	1/2" MNPT Purple	1	50	7.6	MTO
A16	14000208	1/2" MNPT Gray	1	50	7.6	MTO
A20	14000209	3/4" MNPT Light Brown	1	50	9.7	MTO
A24	14000210	3/4" MNPT Dark Brown	1	50	8.7	MTO


A3


A4


A5


A7


A9


A10


A12


A14


A16


A20


A24

Model #	Part #	Description	Box Qty	Box Wt	Stock Code
Manifold (MAI-Series) AirJection Units					
MAI-2081	14000300	2" Unit w/ Model 2081A-PVDF Mazzei Injector	1	7.0	MTO
MAI-3090	14000301	3" Unit w/ Model 3090-PVDF Mazzei Injector	1	14.2	MTO



Suction and Bypass Kits

Model #	Part #	Description	Box Qty	Box Wt	Stock Code
Suction Kits					
K184	14000400	Suction line kit for 1/2" and 3/4" injectors Includes: MV-25, S-84, 10' clear vinyl 1/4" ID tubing, clamps	1	0.5	
K183	14000401	Suction line kit for 1" and 1 1/2" injectors Includes: MV-50, TA-550, injectors. 10' clear vinyl 1/2" ID tubing, clamps	1	2.7	
KR183	14000443	Economy Suction line kit for 1" and 1 1/2" injectors. Includes: ball valve, TA-550, S-84, 6' clear vinyl 1/2" ID tubing, clamps	1	2.7	MTO
K282	14000402	Suction line kit for 2" injectors. Includes: C-86,S-87, 1" ball valve and connector, 10' clear vinyl 1" ID tubing, clamps	1	5.5	
KR282	14000444	Economy Suction line kit for 2" injectors Includes: C75R, S-87, 1" ball valve & connector, 6' clear vinyl 1" ID tubing, clamps	1	5.5	MTO
Bypass Kits					
K184-A	14000403	Bypass and suction line kit for 1/2" injectors Includes: K184 Suction Kit, 1/2" ID 250 PSI tubing, 1/2" hose connectors, and hose clamps	1	1.7	
K184-B	14000404	Bypass and suction line kit for 3/4" injectors Includes: K184 Suction Kit, 3/4" ID 250 PSI tubing, 3/4" hose connectors, and hose clamps	1	2.0	
K181-A-02	14000405	Bypass and suction line kit for 1" injectors Includes: K183 Suction Kit, 1" ID 250 PSI tubing, 1" hose connectors, and hose clamps	1	4.3	
K183-A	14000406	Bypass and suction line kit for 1 1/2" injectors Includes: K183 Suction Kit, 1 1/2" ID 250 PSI tubing, 1 1/2" hose connectors, and hose clamps	1	5.6	MTO
K282-A	14000407	Bypass and suction line kit for 2" injectors Includes: K282 Suction Kit, 2" ID 250 PSI tubing, 2" hose connectors, and hose clamps	1	9.9	MTO



Suction Kits



Bypass Kit

Parts and Accessories

Model #	Part #	Description		Box Qty	Box Wt	Stock Code
Liquid Flowmeters — 1/2" MNPT Connections						
F44250L-8	14000408	1.5-15.0 GPH	0.025-0.25 GPM	1	0.4	MTO
F44330L-8	14000409	3.0-30.0 GPH	0.05-0.5 GPM	1	0.4	MTO
F44375L-8	14000410	6.0-60.0 GPH	1-1.0 GPM	1	0.4	MTO
F44376L-8	14000411	12.0-120.0 GPH	0.2-2.0 GPM	1	0.4	MTO
F44500L-8	14000412	30.0-300 GPH	0.5-5.0 GPM	1	0.4	MTO
Suction Port Caps - Polypropylene						
CAP-PP	14000413	Suction port cap for models 283 & 287		1	0.02	MTO
CAP-PP.375	14000414	Suction port cap for 1/2" & 3/4" injectors (excluding 283 & 287)		1	0.03	
CAP-PP.75	14000416	Suction port cap for new-style (-02) 1" & 1 1/2" injectors (Models 878-1587)		1	0.04	
Suction Port Caps - PVDF						
CAP-PVDF	14000417	Suction port cap for models 283 and 287		1	0.02	MTO
CAP-PVDF 0.25	14000418	Suction port cap for 1/2" & 3/4" injectors (excluding 283 & 287)		1	0.04	MTO
CAP-PVDF 0.50	14000419	Suction port cap for C83-PP and old style 1" injectors		1	0.09	MTO
CAP-PVDF 0.75	14000420	Suction port cap for new-style (-02) 1" & 1 1/2" injectors.		1	0.1	MTO
CAP-PVDF 1.5	14000446	Suction port cap for 3.0" injectors (to close one suction port) (Series 3090)		1	0.2	MTO
CAP-PVDF 2.0	14000447	Suction port cap for 4.0" injectors (to close one suction port) (Series 4091)		1	0.2	MTO
Check Valve Repair Kits						
CR-1	14000421	For models 283 & 287		1	0.002	
CR-2	14000422	For 1/2" & 3/4" injectors (excluding 283 & 287)		1	0.004	
CR-3	14000423	For C83-PP, C83-PVDF and old style 1" injectors		1	0.006	
CR-4	14000424	For new-style (-02) 1" and 1 1/2" injectors		1	0.008	



F44376L-8



CAP-PP.375



CAP-PVDF.75



Check Valve Repair Kits

FERTIGATION

Parts and Accessories

Model #	Part #	Description	Box Qty	Box Wt	Stock Code
Check Valves					
C83-PP	14000425	1/2" Check valve for old-style 1" injectors - polypropylene	1	0.2	
C83-PVDF	14000426	1/2" Check valve for old-style 1" injectors - PVDF	1	0.2	MTO
C75-CVA	14000448	1 1/4" Check valve for 2" injectors - PVC (1 1/4" FNPT x 1" hose barb connections)	1	0.2	MTO
C75R-BSPT	14000449	1 1/4: Check Valve for 50mm injectors - PVC (1 1/4" BSPT X 1" Hose Barb Connections)	1	0.2	MTO
C86	14000427	1 1/4" Check valve for 2" injectors - PVC (replacement valve for K282 Kit)	1	2.1	
Metering Valves					
MV-25-PP	14000428	1/4" Metering valve for 1/2" & 3/4" injectors - polypropylene & Teflon	1	0.2	
MV-5-PP	14000460	1/2" Metering valve for 1" & 1 1/2" injectors - polypropylene & Teflon *	1	0.6	
MV-5-PVDF	14000461	1/2" Metering valve for 1" & 1 1/2" injectors - PVDF & Teflon *	1	0.8	MTO
Tubing Adapters					
TA-225	14000431	1/4" Male NPT X 1/4" ID Hose Barb Connection	1	0.01	MTO
TA-325	14000450	3/8" x 1/4" (MNPT x Tube Size)	1	0.01	MTO
TA-525	14000432	1/2" Male NPT X 1/4" ID Hose Barb Connection	1	0.03	MTO
TA-550	14000433	1/2" Male NPT X 1/2" ID Hose Barb Connection	1	0.04	MTO
Tubing Clamps					
CLAMP#23	14000434	Clamp for 1/4" ID tubing	1	0.01	MTO
CLAMP#44	14000435	Clamp for 1/2" ID tubing	1	0.02	MTO
Strainers					
S-84	14000436	Strainer for suction lines, less tubing adapter	1	0.05	
S-84 1/2"	14000438	Strainer for suction lines for new-style (02) 1" & 1 1/2" injectors	1	0.05	
S-84FV	14000439	Strainer with foot valve, 3/8" hose barb and 1/2" MNPT connector	1	0.1	
S-87	14000440	PVC strainer for 1" suction lines used on 2" injectors	1	0.1	MTO

* Male thread

Check Valves



C83-PP



C75R

Metering Valves



MV-25



MV-5-PVDF

Tubing Adapters



TA-525

Tubing Clamps



CLAMP#44

Strainers



S-84



S-84FV



S-87

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Schumacher IRRIGATION

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14000000	283-PP	I-02	$58.09
14000001	287-PP	I-02	$58.09
14000002	384-PP	I-02	$82.72
14000003	484-PP	I-02	$82.72
14000004	584C-PP	I-02	$82.72
14000005	484A-PP	I-02	$82.72
14000006	584-PP	I-02	$82.72
14000007	878-03-PP	I-02	$135.95
14000008	885X-03-PP	I-02	$135.95
14000009	1078-03-PP	I-02	$135.95
14000010	1583A-PP	I-02	$170.55
14000011	1585X-PP	I-02	$191.56
14000012	1587-PP	I-02	$191.56
14000013	2081A-PP	I-02	$238.52
14000014	2083X-PP	I-02	$347.28
14000100	283-PVDF	I-03	$93.69
14000101	287-PVDF	I-03	$93.69
14000102	384-PVDF	I-03	$105.43
14000103	384X-PVDF	I-03	$105.43
14000104	484-PVDF	I-03	$105.43
14000105	584C-PVDF	I-03	$105.43
14000106	484A-PVDF	I-03	$105.43
14000107	484X-PVDF	I-03	$105.43
14000108	584-PVDF	I-03	$105.43
14000109	684-PVDF	I-03	$105.43
14000110	878-03-PVDF	I-03	$206.39
14000111	885X-03-PVDF	I-03	$206.39
14000112	1078-03-PVDF	I-03	$206.39
14000113	1583A-PVDF	I-03	$295.37
14000114	1585X-PVDF	I-03	$295.37
14000115	1587-PVDF	I-03	$295.37
14000116	2081A-PVDF	I-03	$538.84
14000117	2083X-PVDF	I-03	$538.84
14000118	3090-PVDF	I-03	$2,167.69
14000119	4091-PVDF	I-03	$3,689.02
14000200	A3	I-04	$60.82
14000201	A4	I-04	$51.67
14000202	A5	I-04	$51.67
14000203	A7	I-04	$60.82
14000204	A9	I-04	$60.82
14000205	A10	I-04	$60.82
14000206	A12	I-04	$60.82
14000207	A14	I-04	$60.82
14000208	A16	I-04	$60.82
14000209	A20	I-04	$60.82
14000210	A24	I-04	$60.82
14000300	MAI-2081	I-04	$1,722.78
14000301	MAI-3090	I-04	$3,582.73

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14000400	K184	I-05	$98.94
14000401	K183	I-05	$206.39
14000402	K282	I-05	$363.34
14000403	K184-A	I-05	$186.62
14000404	K184-B	I-05	$196.51
14000405	K181-A-02	I-05	$360.87
14000406	K183-A	I-05	$360.87
14000407	K282-A	I-05	$610.51
14000408	F44250L-8	I-06	$273.13
14000409	F44330L-8	I-06	$273.13
14000410	F44375L-8	I-06	$273.13
14000411	F44376L-8	I-06	$273.13
14000412	F44500L-8	I-06	$273.13
14000413	CAP-PP	I-06	$2.52
14000414	CAP-PP.375	I-06	$5.33
14000416	CAP-PP.75	I-06	$10.94
14000417	CAP-PVDF	I-06	$14.25
14000418	CAP-PVDF 0.25	I-06	$14.25
14000419	CAP-PVDF 0.50	I-06	$14.25
14000420	CAP-PVDF 0.75	I-06	$14.25
14000421	CR-1	I-06	$13.71
14000422	CR-2	I-06	$15.64
14000423	CR-3	I-06	$18.80
14000424	CR-4	I-06	$25.11
14000425	C83-PP	I-07	$34.79
14000426	C83-PVDF	I-07	$54.72
14000427	C86	I-07	$60.87
14000428	MV-25-PP	I-07	$79.24
14000431	TA-225	I-07	$2.57
14000432	TA-525	I-07	$2.57
14000433	TA-550	I-07	$2.57
14000434	CLAMP#23	I-07	$1.13
14000435	CLAMP#44	I-07	$1.29
14000436	S-84	I-07	$33.66
14000438	S-84 1/2"	I-07	$36.61
14000439	S-84FV	I-07	$69.19
14000440	S-87	I-07	$26.02
14000441	384X-PP	I-02	$82.72
14000443	KR183	I-05	$102.30
14000444	KR282	I-05	$221.22
14000446	CAP-PVDF 1.5	I-06	$33.66
14000447	CAP-PVDF 2.0	I-06	$36.91
14000448	C75-CVA	I-07	$67.84
14000449	C75R-BSPT	I-07	$57.63
14000450	TA-325	I-07	$2.46
14000460	MV-5-PP	I-07	$160.67
14000461	MV-5-PVDF	I-07	$263.24

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I-02	484-PP	14000003	$82.72
I-02	584C-PP	14000004	$82.72
I-02	484A-PP	14000005	$82.72
I-02	584-PP	14000006	$82.72
I-02	878-03-PP	14000007	$135.95
I-02	885X-03-PP	14000008	$135.95
I-02	1078-03-PP	14000009	$135.95
I-02	1583A-PP	14000010	$170.55
I-02	1585X-PP	14000011	$191.56
I-02	1587-PP	14000012	$191.56
I-02	2081A-PP	14000013	$238.52
I-02	2083X-PP	14000014	$347.28
I-02	384X-PP	14000441	$82.72
I-03	283-PVDF	14000100	$93.69
I-03	287-PVDF	14000101	$93.69
I-03	384-PVDF	14000102	$105.43
I-03	384X-PVDF	14000103	$105.43
I-03	484-PVDF	14000104	$105.43
I-03	584C-PVDF	14000105	$105.43
I-03	484A-PVDF	14000106	$105.43
I-03	484X-PVDF	14000107	$105.43
I-03	584-PVDF	14000108	$105.43
I-03	684-PVDF	14000109	$105.43
I-03	878-03-PVDF	14000110	$206.39
I-03	885X-03-PVDF	14000111	$206.39
I-03	1078-03-PVDF	14000112	$206.39
I-03	1583A-PVDF	14000113	$295.37
I-03	1585X-PVDF	14000114	$295.37
I-03	1587-PVDF	14000115	$295.37
I-03	2081A-PVDF	14000116	$538.84
I-03	2083X-PVDF	14000117	$538.84
I-03	3090-PVDF	14000118	$2,167.69
I-03	4091-PVDF	14000119	$3,689.02
I-04	A3	14000200	$60.82
I-04	A4	14000201	$51.67
I-04	A5	14000202	$51.67
I-04	A7	14000203	$60.82
I-04	A9	14000204	$60.82
I-04	A10	14000205	$60.82
I-04	A12	14000206	$60.82
I-04	A14	14000207	$60.82
I-04	A16	14000208	$60.82
I-04	A20	14000209	$60.82
I-04	A24	14000210	$60.82
I-04	MAI-2081	14000300	$1,722.78
I-04	MAI-3090	14000301	$3,582.73
I-05	K184	14000400	$98.94
I-05	K183	14000401	$206.39
I-05	K282	14000402	$363.34
I-05	K184-A	14000403	$186.62
I-05	K184-B	14000404	$196.51
I-05	K181-A-02	14000405	$360.87
I-05	K183-A	14000406	$360.87
I-05	K282-A	14000407	$610.51
I-05	KR183	14000443	$102.30
I-05	KR282	14000444	$221.22
I-06	F44250L-8	14000408	$273.13
I-06	F44330L-8	14000409	$273.13
I-06	F44375L-8	14000410	$273.13
I-06	F44376L-8	14000411	$273.13
I-06	F44500L-8	14000412	$273.13
I-06	CAP-PP	14000413	$2.52
I-06	CAP-PP.375	14000414	$5.33
I-06	CAP-PP.75	14000416	$10.94
I-06	CAP-PVDF	14000417	$14.25
I-06	CAP-PVDF 0.25	14000418	$14.25
I-06	CAP-PVDF 0.50	14000419	$14.25
I-06	CAP-PVDF 0.75	14000420	$14.25
I-06	CR-1	14000421	$13.71
I-06	CR-2	14000422	$15.64
I-06	CR-3	14000423	$18.80
I-06	CR-4	14000424	$25.11
I-06	CAP-PVDF 1.5	14000446	$33.66
I-06	CAP-PVDF 2.0	14000447	$36.91
I-07	C83-PP	14000425	$34.79
I-07	C83-PVDF	14000426	$54.72
I-07	C86	14000427	$60.87
I-07	MV-25-PP	14000428	$79.24
I-07	TA-225	14000431	$2.57
I-07	TA-525	14000432	$2.57
I-07	TA-550	14000433	$2.57
I-07	CLAMP#23	14000434	$1.13
I-07	CLAMP#44	14000435	$1.29
I-07	S-84	14000436	$33.66
I-07	S-84 1/2"	14000438	$36.61
I-07	S-84FV	14000439	$69.19
I-07	S-87	14000440	$26.02
I-07	C75-CVA	14000448	$67.84
I-07	C75R-BSPT	14000449	$57.63
I-07	TA-325	14000450	$2.46
I-07	MV-5-PP	14000460	$160.67
I-07	MV-5-PVDF	14000461	$263.24



"The main benefits I see in the JAIN Monitoring and Control System are the ability to remotely control valves and pumps, combined with soil moisture data from the probes—we're able to make smart irrigation decisions, reducing labor costs and saving water."

David Lindsey, Fresno CA
Precision Water Management Specialist

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316	J-04	Jain C3
318	J-06	Bundles
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JAIN Logic

Agricultural Monitoring Technology

Jain Logic is the field monitoring technology that growers trust. Logic delivers real-time data from sensors in the field to any internet connected mobile device, tablet, or computer in an easy-to-use and intuitive interface.

From soil moisture monitoring to evapotranspiration forecasting and irrigation scheduling, Jain Logic is the only water management software that farmers need to achieve more crop per drop.



Monthly Subscription Fees	
Part Number	**Web and Data Services**
10318	Monitoring Stand Alone, Monthly Subscription Jain Logic services account fee includes web monitoring, alerts, smart phone and tablet viewing. Also included is a phone support service. Fee is for stations used for monitoring functions only.
10320	Control Station, Monthly Subscription Jain Logic services account fee includes web monitoring, alerts, smart phone and tablet viewing. Also included is a phone support service. Fee is for stations used for monitoring functions only.
15201006	Flow or Level Monitoring, Monthly Subscription Jain Logic services account fee includes web monitoring, alerts, smart phone and tablet viewing. Also included is a phone support service. Monitoring fee is for single sensor applications such as flow monitoring or tank level monitoring.

JAIN Logic Features

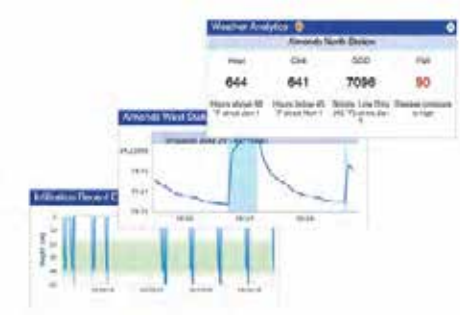
Soil Moisture Monitoring

Take the guesswork out of irrigation. Soil moisture monitoring is a core component of JAIN Logic. Soil moisture monitoring provides valuable information about what is happening below the surface of the soil. It provides confidence irrigations are meeting your crop needs without wasting important inputs like water and nutrients.



Agronomic Tools / Widgets

A wide variety of tools create charts from field data and raw numbers, create useful information helping you make faster and more powerful decisions.



Irrigation Scheduler

Managing your irrigation schedule shouldn't be another time-consuming task in a busy day. Take the guesswork out of your irrigation decisions. The irrigation scheduler provides a simple way for growers to create a weekly irrigation schedule by irrigation set. It integrates directly with notifications, so growers can easily share schedules electronically or in hard copy with staff.

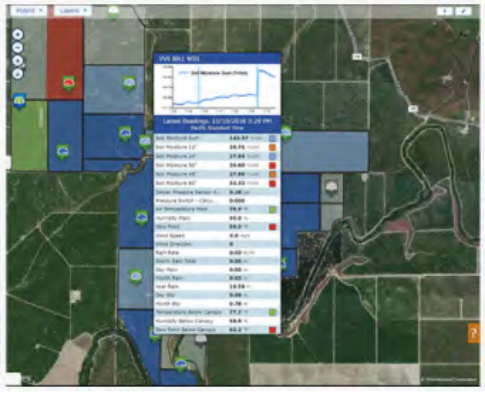


Data Management

JAIN Logic provides robust soil moisture and field condition monitoring data that is reliable and secure. JAIN Logic provides analysis and presentation tools allowing you to use your field data to simplify irrigation decisions.

Why JAIN Logic?

JAIN Logic has spent over a decade going beyond simply providing data. Our system goes a step further to analyse the data then put it in a format that helps our customers better manage resources and increase crop yield.



JAIN C3 Field Station

A flexible monitoring and control platform the JAIN C3 is the heart of the Jain Monitoring and Control system. The JAIN C3 can be configured to use as a simple pump controller or as a gateway to manage a network of C3's and monitor a complete irrigation system.



C3 Telemetry Unit

The JAIN C3 Field Station can remotely monitor a large range of agricultural and irrigation equipment with integrated access to the JAIN Logic software platform for data management and system control.

The C3 delivers unparalleled functionality, tailored to meet the requirements of any monitoring and control scenario. The JAIN C3 is available with a number of wireless communication options, allowing remote access to your equipment at the most optimal cost. The lithium battery technology and remote diagnostics functionality means minimal maintenance and reduced operating costs.

Part Number	Description
Jain C3 Telemetry Unit	
01622	**C3 Cellular / 900 Field Station** This C3 Field Station has a 900 MHz radio, cellular capability, fully functional input / output ports, and a high current output. It can serve as a gateway or a node. *
00780	**C3 Enclosure and Solar Panel** A Solar Panel and enclosure for the C3, includes a GPS antenna, low gain 3G cellular antenna and pole mounting hardware.
10165	**C3 Solar Enclosure Split Mount Kit** Accessories to split and seperately pole mount C3 Solar Panel and C3 Enclosure. Includes C3 solar panel pole mount adapter bracket, 32' cable for panel power, gel crimp connectors and C3 enclosure plug. *Does not include C3 Solar Enclosure.*

Note: * Solar Enclosure (00780) and chosen antenna are purchased seperately.

Bundles

Support for a Wide Range of Sensors

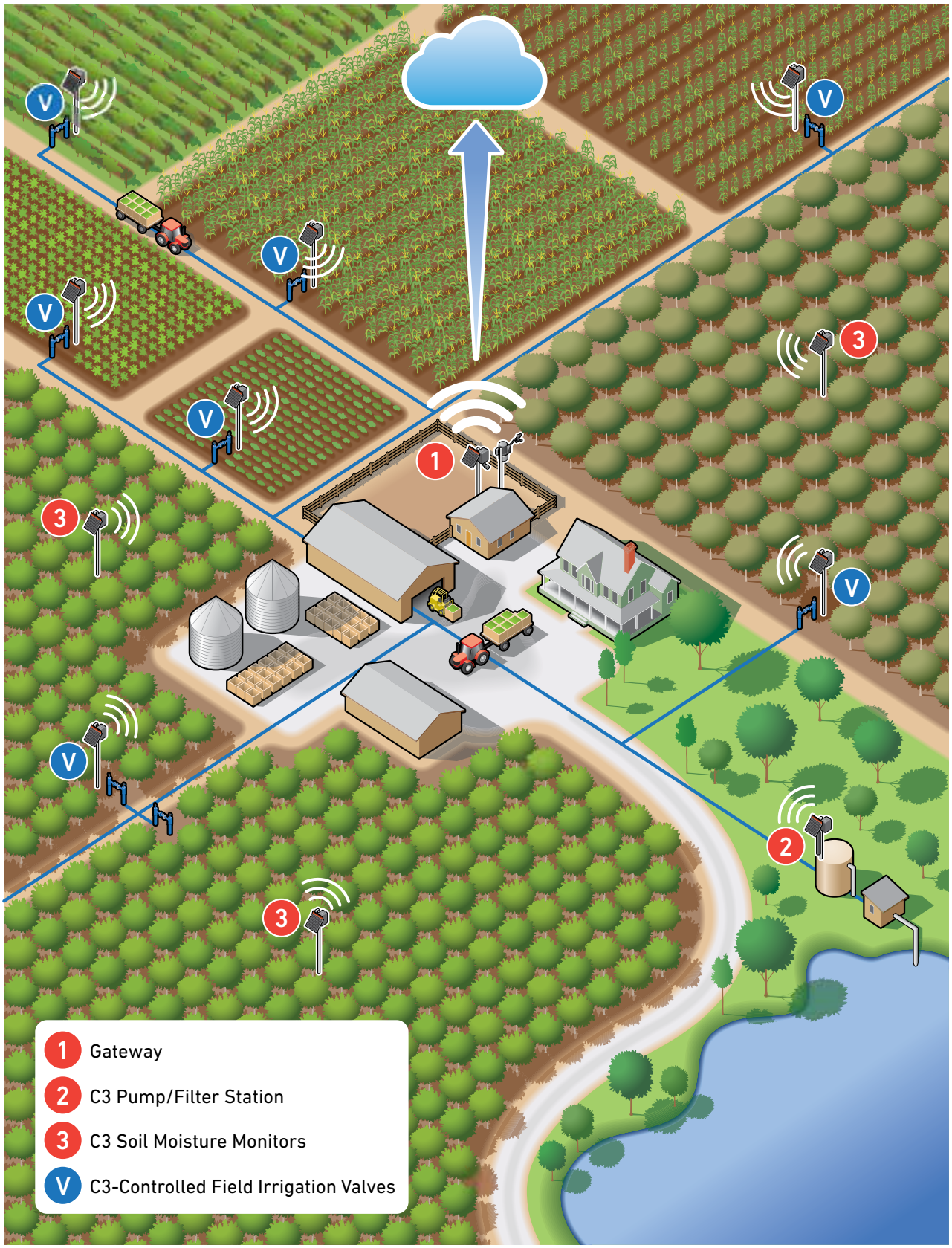
- The C3 supports a versatile selection of probes and sensors for monitoring all types of field conditions
- This allows selecting the right tool to match your crop and monitoring needs
- Probes from AquaCheck, EnviroPro, Sentek and HSTI
- Soil Moisture sensors from Decagon and Stephens
- Weather Stations, Leaf Wetness, Pressure Transducers,
- Flow Meters and many others
- All data sent to JAIN Logic software making analysis and decisions easy



Tank Level Monitoring

- Continually checks tank levels
- High quality ultrasonic sensor is accurate and unaffected by water quality
- Alerts on low/high water levels
- View water level history graphs




1 Gateway
2 C3 Pump/Filter Station
3 C3 Soil Moisture Monitors
V C3-Controlled Field Irrigation Valves

Bundles

Part Number	Description
Soil Moisture Station Bundles	**EnviroPro Bundles**
10364	**C3 Telemetry Unit - 16" / 40cm EnviroPro Bundle** Sole Telemetry Unit and 16" EnviroPro Bundle. Node or stand-alone cellular. Includes C3 Field Station, Antenna, Solar Enclosure, Soil Moisture Probe, Pressure Sensor and cables.
10365	**C3 Telemetry Unit - 32" / 80cm EnviroPro Bundle** Sole Telemetry Unit and 32" EnviroPro Bundle. Node or stand-alone cellular. Includes C3 Field Station, Antenna, Solar Enclosure, Soil Moisture Probe, Pressure Sensor and cables.
10366	**C3 Telemetry Unit - 48" / 120cm EnviroPro Bundle** Sole Telemetry Unit and 48" EnviroPro Bundle. Node or stand-alone cellular. Includes C3 Field Station, Antenna, Solar Enclosure, Soil Moisture Probe, Pressure Sensor and cables.
10367	**C3 Telemetry Unit - 60" 160cm EnviroPro Bundle** Sole Telemetry Unit and 60" EnviroPro Bundle. Node or stand-alone cellular. Includes C3 Field Station, Antenna, Solar Enclosure, Soil Moisture Probe, Pressure Sensor and cables.

Part Number	Description
Soil Moisture Station Bundles	**Sentek Bundles**
15213110	**C3 Telemetry Unit - 12" / 30cm Sentek Drill and Drop Bundle** C3 Telemetry Unit and 12" Sentek Bundle. Node or stand-alone cellular. Includes C3 Field Station, Antenna, Solar Enclosure, Soil Moisture Probe, Pressure Sensor and cables.
15213111	**C3 Telemetry Unit - 24" / 60cm Sentek Drill and Drop Bundle** C3 Telemetry Unit and 24" Sentek Bundle. Node or stand-alone cellular. Includes C3 Field Station, Antenna, Solar Enclosure, Soil Moisture Probe, Pressure Sensor and cables.
15213112	**C3 Telemetry Unit - 35" / 90cm Sentek Drill and Drop Bundle** C3 Telemetry Unit and 35" Sentek Bundle. Node or stand-alone cellular. Includes C3 Field Station, Antenna, Solar Enclosure, Soil Moisture Probe, Pressure Sensor and cables.
15213113	**C3 Telemetry Unit - 47" / 120cm Sentek Drill and Drop Bundle** C3 Telemetry Unit and 47" Sentek Bundle. Node or stand-alone cellular. Includes C3 Field Station, Antenna, Solar Enclosure, Soil Moisture Probe, Pressure Sensor and cables.
15213114	**C3 Telemetry Unit - 60" / 150cm Sentek Drill and Drop Bundle** C3 Telemetry Unit and 60" Sentek Bundle. Node or stand-alone cellular. Includes C3 Field Station, Antenna, Solar Enclosure, Soil Moisture Probe, Pressure Sensor and cables.

Part Number	Description
Soil Moisture Station Bundles	**Sentek TriSCAN Bundles**
15213160	**C3 Telemetry Unit - 12" / 30cm Sentek TriSCAN Drill and Drop Bundle** C3 Telemetry Unit and 12" Sentek Bundle. Node or stand-alone cellular. Includes C3 Field Station, Antenna, Solar Enclosure, Soil Moisture Probe, Pressure Sensor and cables.
15213161	**C3 Telemetry Unit - 24" / 60cm Sentek TriSCAN Drill and Drop Bundle** C3 Telemetry Unit and 24" Sentek Bundle. Node or stand-alone cellular. Includes C3 Field Station, Antenna, Solar Enclosure, Soil Moisture Probe, Pressure Sensor and cables.
15213162	**C3 Telemetry Unit - 35" / 90cm Sentek TriSCAN Drill and Drop Bundle** C3 Telemetry Unit and 35" Sentek Bundle. Node or stand-alone cellular. Includes C3 Field Station, Antenna, Solar Enclosure, Soil Moisture Probe, Pressure Sensor and cables.
15213163	**C3 Telemetry Unit - 47" / 120cm Sentek TriSCAN Drill and Drop Bundle** C3 Telemetry Unit and 47" Sentek Bundle. Node or stand-alone cellular. Includes C3 Field Station, Antenna, Solar Enclosure, Soil Moisture Probe, Pressure Sensor and cables.
15213164	**C3 Telemetry Unit - 60" / 150cm Sentek TriSCAN Drill and Drop Bundle** C3 Telemetry Unit and 60" Sentek Bundle. Node or stand-alone cellular. Includes C3 Field Station, Antenna, Solar Enclosure, Soil Moisture Probe, Pressure Sensor and cables.

Parts and Components

Part Number	Description
Antennas, Cables and Connectors	
01437	**Cellular (3G, 4G, CDMA) Dome Antenna 20" / 50cm Cable** This wide-band, low profile, dome antenna is suitable for 3G or 4G, CDMA cellular operations. Included is a 20" cable terminated with a right-angle SMA connector and is easily mounted on the C3 Solar Enclosure.
10238	**900MHz Pole Mount Antenna, 13' / 4m Cable** 900MHz whip antenna (5dBi) with 4m (13') cable and pole mounting kit (vertical or horizontal).
10239	**900MHz Pole Mount Antenna, 32' / 10m Cable** 900MHz whip antenna (5dBi) with 10m (32') cable and pole mounting kit (vertical or horizontal).
00026	**Device Extension Cable, 32' / 10m** 32' cable with a male, four-conductor, Switchcraft EN3 to a female, Switchcraft EN3 connector. Allows extension of a standard cable set when a longer run is required.
00028	**Device Connector (male) to Bare Ended Cable, 2' / 60cm** 2' cable with male, 4 conductor, Switchcraft EN3 to bare ends.
00174	**Device Connector (female) to Bare Ended Cable, 2' / 60cm** 2' cable with female, 4 conductor, Switchcraft EN3 to bare ends. Allows various devices to be easily disconnected when used with standard cable sets.
00774	**C3 to Device Cable, 19' / 6m** 20' cable with a C3 terminal-block plug to male, 4 conductor, Switchcraft EN3 connector.
01346	**JPT-2 Pressure Sensor Cable Connector, Cable, 6' / 2m** 6' cable with a C3 terminal-block plug to male, 4 conductor, Switchcraft EN3 connector.
01364	**JPT-2 Pressure Sensor Cable Connector, Cable, 16' / 5m** 16' JPT-2 pressure-sensor cable with female, 4 conductor, elbowed, M12 connector.
01643	**Davis Weather Station Interface Cable** 32" weather station cable with a male, RJ11 connector to female, 4 conductor, Switchcraft EN3 connector. Used to connect a C3 to a Davis Vantage Pro2.
10082	**C3 High Current Cable for Actuator Control** Cable to connect C3 to high current devices such as actuators.
10125	**Cable Junction Accessory Pack** Connector pack used to join an existing extension cable to a bare-ended, 3 to 4 conductor sensor cable. Used with the C3 the pack contains a 3 Way junction box, 4 gel crimp connectors and two conduit stoppers.
01413	**Output Cable (3 Way, 3m)** 9.5' 3 Way output cable (bare ends). Typically used as Solo solenoid output cable.
01727	**Weather Station - C3** Adds a Davis weather station to an existing C3 Field Station. Allows monitoring of wind speed and direction, temperature and humidity. Includes 20' of cable for C3 and 32' cable mating ot Davis Station.

Parts and Components

Part Number	Description
Weather and Environmental Sensors	
01347	**JPT-2 Water / Air Pressure Sensor, 0-100 PSI (Requires Cable)** A Pressure-Sensor Transmitter suitable for air or fresh water, with a range of 0-100psi and a 4-pin, M12 conduit connection. *Cable not included.*
10183	**Relative Humidity and temperature and Pressure Sensor VP-4** The VP-4 measures relative humidity, barometric pressure, air temperature and vapor pressure. Sensor cable is 16' (5m) and terminated with bare ends. Radiation shield is included.

Part Number	Description
Additional Parts and Components	
15213029	24" / 60cm Sentek Drill and Drop
15212002	Pressure Switch
15215001	Unified Field Station
15217043	Weather Station Unified
15214005	Temperature and Humidity Sensor with Cable
15214010	Radiation Shield
15215006	5 Watt Solar Panel
15211001	Power Cable for Solar Panel 25'
15211018	Sentek SMP Cable 15.5'
15320000	Antenna - Unified
15211006	12V 5Ah Sealed Lead Acid Rechargeable Battery
15211016	7.4V 6.6Ah Li-Ion Rechargeable Battery
15213028	12"/30CM Sentek Drill and Drop
15213029	24"/60CM Sentek Drill and Drop
15213033	35"/90CM Sentek Drill and Drop
15213035	47"/120CM Sentek Drill and Drop
15214112	59"/150CM Sentek Drill and Drop
15213034	12"/30CM Sentek TriSCAN Drill and Drop
15213037	24"/60CM Sentek TriSCAN Drill and Drop
15213039	35"/90CM Sentek TriSCAN Drill and Drop
15213038	47"/120CM Sentek TriSCAN Drill and Drop
15213024	59"/150CM Sealed TriSCAN Drill and Drop
15212015	JPT Pressure Sensor - Unified

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JAIN MONITORING & CONTROL Part# Index

Part #	Page	Price
00026	J-08	$92.00
00028	J-08	$11.51
00174	J-08	$25.00
00774	J-08	$75.00
00780	J-04	$395.00
01346	J-08	$25.00
01347	J-09	$120.00
01364	J-08	$40.00
01413	J-08	$39.00
01437	J-08	$75.00
01622	J-04	$1,675.00
01643	J-08	$160.00
01727	J-08	$1,250.00
10082	J-08	$110.00
10125	J-08	$18.00
10165	J-04	$42.00
10183	J-09	$450.00
10238	J-08	$185.00
10239	J-08	$200.00
10318	J-02	$49.00
10320	J-02	$65.00
10364	J-07	$3,200.00
10365	J-07	$3,310.00
10366	J-07	$3,800.00
10367	J-07	$4,200.00
15201006	J-02	30/month
15211001	J-09	$50.00
15211006	J-09	$30.00
15211016	J-09	$90.00
15211018	J-09	$50.00
15212002	J-09	$150.00
15212015	J-09	$250.00
15213024	J-09	$2,125.00
15213028	J-09	$850.00
15213029	J-09	$850.00
15213029	J-09	$1,350.00
15213033	J-09	$1,050.00
15213034	J-09	$875.00
15213035	J-09	$1,450.00
15213037	J-09	$987.50
15213038	J-09	$1,497.50
15213039	J-09	$1,187.50
15213110	J-07	$3,200.00
15213111	J-07	$3,250.00
15213112	J-07	$3,310.00
15213113	J-07	$3,800.00
15213114	J-07	$4,200.00
15213160	J-07	$3,735.00
15213161	J-07	$3,850.00
15213162	J-07	$4,065.00
15213163	J-07	$4,390.00
15213164	J-07	$4,500.00
15214005	J-09	$225.00
15214010	J-09	$100.00
15214112	J-09	$1,850.00
15215001	J-09	$950.00
15215006	J-09	$60.00
15217043	J-09	$5,125.00
15320000	J-09	$20.00

JAIN MONITORING & CONTROL Page# Index

Page	Part #	Price
J-02	10318	$49.00
J-02	10320	$65.00
J-02	15201006	30/month
J-04	00780	$395.00
J-04	01622	$1,675.00
J-04	10165	$42.00
J-07	10364	$3,200.00
J-07	10365	$3,310.00
J-07	10366	$3,800.00
J-07	10367	$4,200.00
J-07	15213110	$3,200.00
J-07	15213111	$3,250.00
J-07	15213112	$3,310.00
J-07	15213113	$3,800.00
J-07	15213114	$4,200.00
J-07	15213160	$3,735.00
J-07	15213161	$3,850.00
J-07	15213162	$4,065.00
J-07	15213163	$4,390.00
J-07	15213164	$4,500.00
J-08	00026	$92.00
J-08	00028	$11.51
J-08	00174	$25.00
J-08	00774	$75.00
J-08	01346	$25.00
J-08	01364	$40.00
J-08	01413	$39.00
J-08	01437	$75.00
J-08	01643	$160.00
J-08	01727	$1,250.00
J-08	10082	$110.00
J-08	10125	$18.00
J-08	10238	$185.00
J-08	10239	$200.00
J-09	01347	$120.00
J-09	10183	$450.00
J-09	15211001	$50.00
J-09	15211006	$30.00
J-09	15211016	$90.00
J-09	15211018	$50.00
J-09	15212002	$150.00
J-09	15212015	$250.00
J-09	15213024	$2,125.00
J-09	15213028	$850.00
J-09	15213029	$850.00
J-09	15213029	$1,350.00
J-09	15213033	$1,050.00
J-09	15213034	$875.00

Page	Part #	Price
J-09	15213035	$1,450.00
J-09	15213037	$987.50
J-09	15213038	$1,497.50
J-09	15213039	$1,187.50
J-09	15214005	$225.00
J-09	15214010	$100.00
J-09	15214112	$1,850.00
J-09	15215001	$950.00
J-09	15215006	$60.00
J-09	15217043	$5,125.00
J-09	15320000	$20.00





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328	K-04	ETwater HermitCrab
330	K-06	ETwater Commercial Controllers
332	K-08	SmartWorks Replacement Panels
333	K-09	Controller Accessories

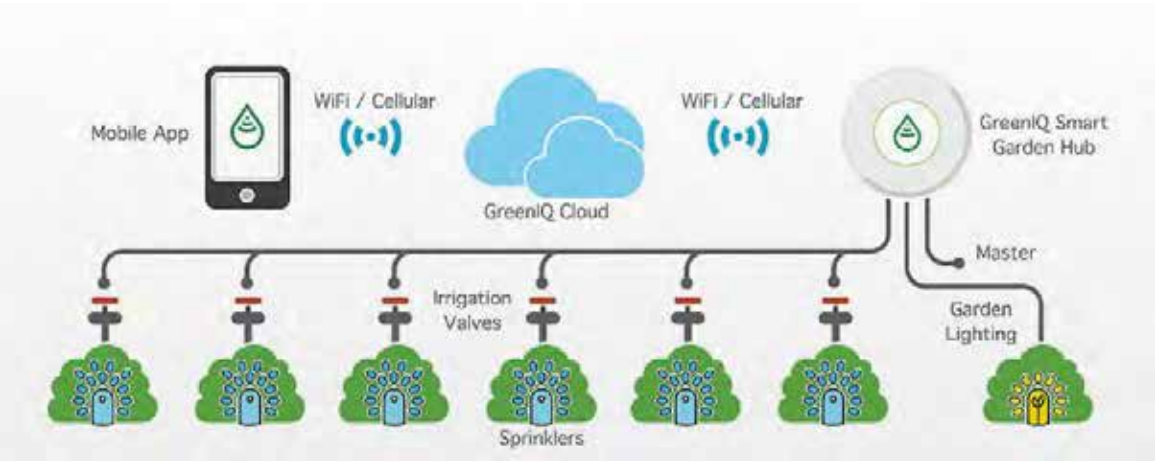
GreenIQ Smart Garden Hub



GreenIQ Smart Garden Hub

Part #	Description	Box Qty
15150008	8 Station WiFi Irrigation Controller	1
15150016	16 Station WiFi Irrigation Controller	1


The ultimate
professional dashboard
GreenIQ's dashboard tool makes
it easy to manage multiple devices
at different locations.


Mobile App
WiFi / Cellular
GreenIQ Cloud
WiFi / Cellular
GreenIQ Smart
Garden Hub
Master
Garden
Lighting
Irrigation
Valves
Sprinklers

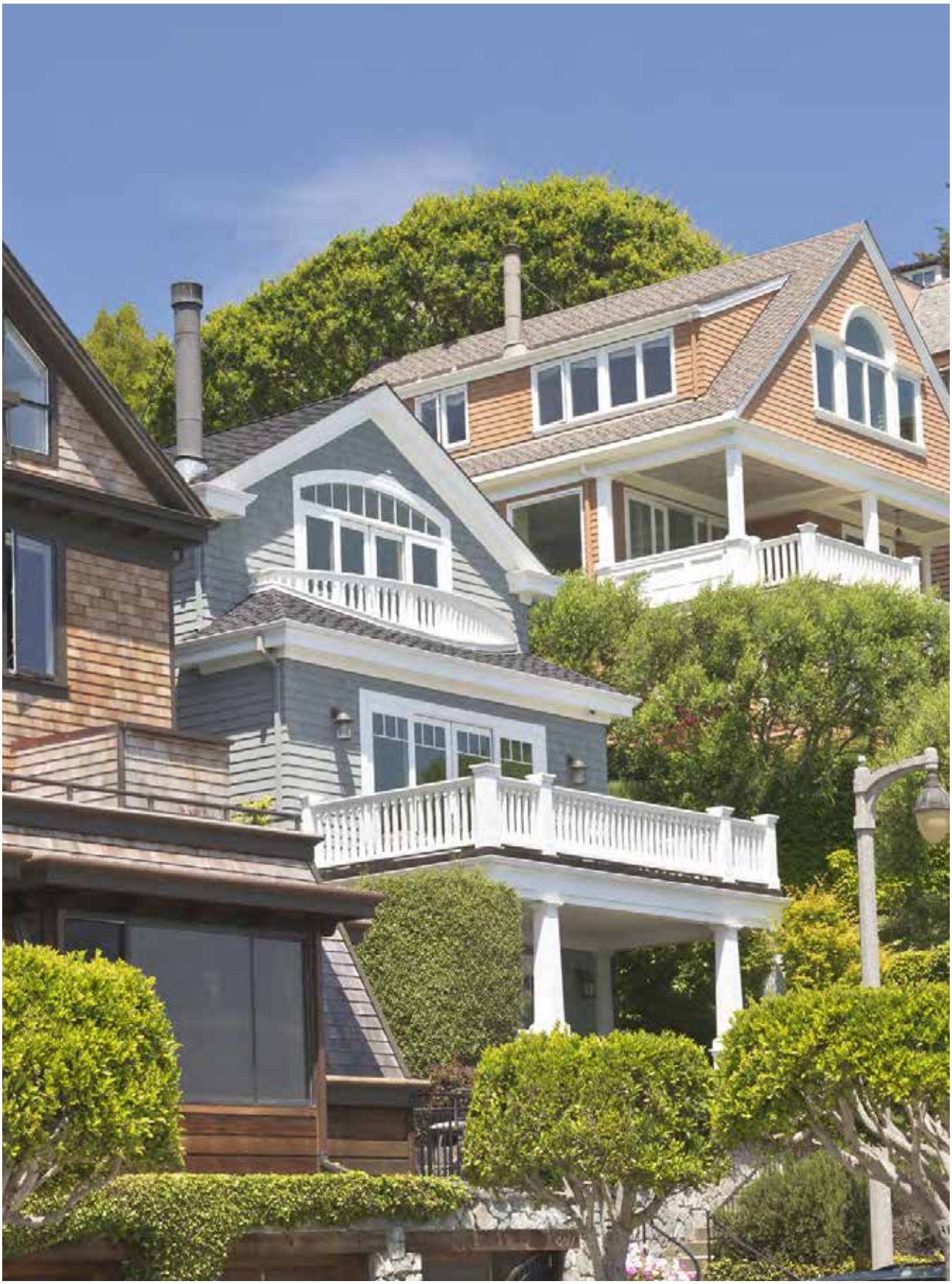

Integratinn with Home
Digital Assistants
Hardware & Software
Platform
IoT
Integrations
GreenIQ
Smart Garden Hub
Public & Private
Weather Sensors
Landscape
Lighting
Sprinklers
Water Flow Sensor,
Leak Detection
Soil Moisture Sensor

ETwater Residential Controllers

Model #	Description	Ship Qty	Weight (lbs)
ETW-HC2-FA	HermitCrab 2 with flow adapter (without Hermitcrab Host Cable)	1	3
ETW-HC2-CLR	HermitCrab 2 (without flow adapter)	1	3
ETW-HC-FA	HermitCrab 2 Flow Adapter	1	1
ETW-HC-H-CO	HermitCrab Host Cable to Hunter host controller cable	1	1
ETW-HC-T-CO	HermitCrab Host Cable to Irritrol or Toro host controller (uses RJ11 connector)	1	1
ETW-HC-IR6-CO	HermitCrab Host Cable to Irritrol or Superior host controller (uses 6 pin remote connector)	1	1
ETW-HC-W-CO	HermitCrab Host Cable to Weathermatic host controller (uses RJ11 connector)	1	1
ETW-HC-RB5-CO	HermitCrab Host Cable to Rain Bird host controller (uses 5 pin remote connector)	1	1
ETW-HC-RB6-CO	HermitCrab Host Cable to Rain Bird host controller (uses 6 pin remote connector)	1	1
ETW-HC-RM-CO	HermitCrab Host Cable to Rain Master host controller (uses 9 pin D type male remote connector)	1	1



Hermitcrab



ETwater Commercial Controllers

Controller Includes

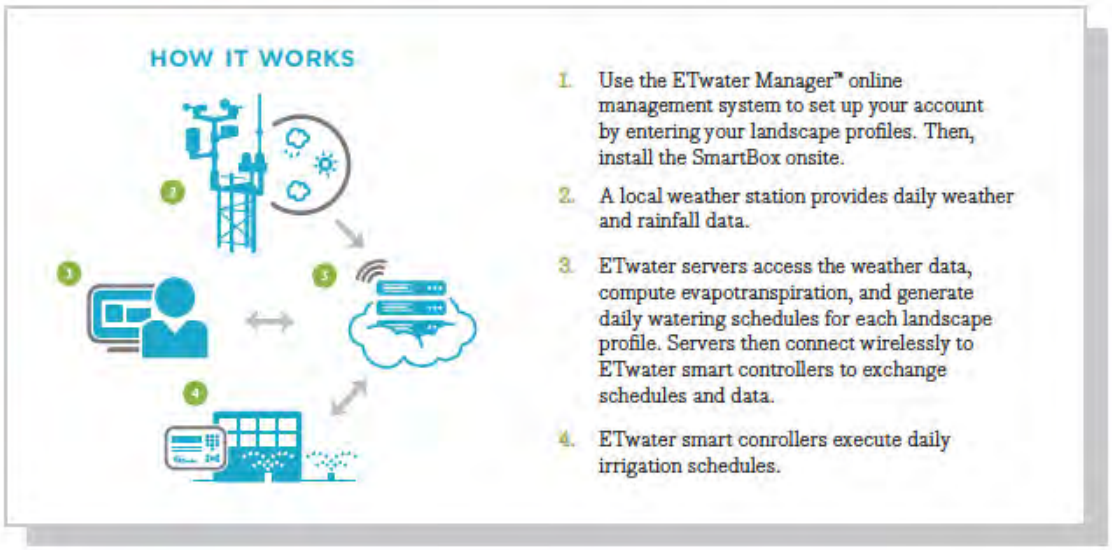
- Plug-in station output modules available in 8-station increments.
- Station output terminals sized for up to 12 gauge wire.
- Back lit LCD display provides output verification for station being irrigated.
- Chassis-mounted grounding lug for added lightning protection.
- 120 VAC input and 24 VAC output.
- All 24V output terminals have surge protection rated up to 4KV in accordance with IEC 6100-4-5 standard.
- All outputs protected by a 2.0 amp self-resetting fuse.
- Input power draw: 1.0 amp or less at 120 volts VAC.
- Each station, boost pump, and master valve ouput terminal can handle up to two 24V solenoids.
- Total controller output is 2.0 amps
- Non-volatile memory
- Three (3) year controller limited warranty.



SmartBox Features

- Durable, weather-resistant aluminum enclosure with locking cabinet for indoor or outdoor use suitable for wall mounting and selected pedestal installations.
- Program and schedule display for each zone.
- Manual operation of individual stations or all stations from 1-255 minutes in 1-minute increments.
- Manually water up to 4 stations concurrently.
- Easy-to-use keypad for viewing programs, manual (offline) valve operation and other system functions.
- Plug-in interface for Rain Master® and other remote control systems.
- Standard connections for rain sensor, booster pump, master valve, and flow sensor. Compatible with normally open or normaly closed master valves, rain/freeze or wind sensors.
- Alerts sent via email to report any open or shorted stations.
- Controller keypad can be used to test one or all stations for OK, open or shorted circuits.
- Colored LED panel lights report activity status for rain sensor, flow sensor, or open or shorted valve.
- Made in the USA.
- FCC approved.

Model #	Description (SmartBox Commercial)	Ship Qty	Weight (lbs)
205W-8	8 station commercial controller w/ cellular connection	1	11
205W-16	16 station commercial controller w/ cellular connection	1	11
205W-24	24 station commercial controller w/ cellular connection	1	11
205W-32	32 station commercial controller w/ cellular connection	1	11
205W-40	40 station commercial controller w/ cellular connection	1	11
205W-48	48 station commercial controller w/ cellular connection	1	11



SmartBox Controllers Specification Codes

- 205W-8 8 station model 205 controller
- 205W-16 16 station model 205 controller
- 205W-24 24 station model 205 controller
- 205W-32 32 station model 205 controller
- 205W-40 40 station model 205 controller
- 205W-48 48 station model 205 controller



SmartWorks Replacement Panels

Model #	Description (Smartworks for RB)	Ship Qty	Weight (lbs)
204W-PB8	8 station Rain Bird panel w/ cellular connection	1	6
204W-PB16	16 station Rain Bird panel w/ cellular connection	1	6
204W-PB24	24 station Rain Bird panel w/ cellular connection	1	6
204W-PB32	32 station Rain Bird panel w/ cellular connection	1	6
204W-PB40	40 station Rain Bird panel w/ cellular connection	1	6
204W-PB-QC	Rain Bird 50 pin QuickConnect w/ cellular connection, cable included	1	6

Model #	Description (SmartWorks panel for Rian MAster, Sentar etc)	Ship Qty	Weight (lbs)
204W-PR12	12 station Rain Master, Sentar, Eagle + Hawk panel w/ cellular connection	1	5
204W-PR18	18 station Rain Master, Sentar, Eagle + Hawk panel w/ cellular connection	1	5
204W-PR24	24 station Rain Master, Sentar, Eagle + Hawk panel w/ cellular connection	1	5
204W-PR30	30 station Rain Master, Sentar, Eagle + Hawk panel w/ cellular connection	1	5
204W-PR36	36 station Rain Master, Sentar, Eagle + Hawk panel w/ cellular connection	1	5

Model #	Description (SmartWorks for Rain Master Evolution DX2 Controllers)	Ship Qty	Weight (lbs)
204W-PRE16	16 station Rain Master Evolution DX2 panel w/ cellular connection	1	5
204W-PRE24	24 station Rain Master Evolution DX2 panel w/ cellular connection	1	5
204W-PRE32	32 station Rain Master Evolution DX2 panel w/ cellular connection	1	5
204W-PRE40	40 station Rain Master Evolution DX2 panel w/ cellular connection	1	5
204W-PRE48	48 station Rain Master Evolution DX2 panel w/ cellular connection	1	5

Model #	Description (SmartWorks for Irritrol Controllers)	Ship Qty	Weight (lbs)
204W-PI18	18 station Irritrol panel w/ cellular connection	1	5
204W-PI24	24 station Irritrol panel w/ cellular connection	1	5
204W-PI30	30 station Irritrol panel w/ cellular connection	1	5
204W-PI36	36 station Irritrol panel w/ cellular connection	1	5
204W-PI42	42 station Irritrol panel w/ cellular connection	1	5

Controller Accessories

Model #	Description	Ship Qty	Weight (lbs)
ETW-ANTV4	Covert antenna w/ tape mount option	1	0.5
ETW-ANTV4EXT	Covert antenna w/ tape mount option - extended cable	1	0.5
ETW-KEYS	Two replacement keys for ET Water cabinet	1	0.5
ETW-8STA-MODG4	8 station expansion module for controller models with firmware 6.xx	1	0.5
ETW-BASMOD-G4	Base Module for controller models with firmware 6.xx *(RMA approval needed)*	1	0.5
ETW-MDM-GPRS3	Cellular modem for controller models with firmware 6.14 & 7.18 and higher *(RMA approval needed)	1	0.5

Model #	Description	Ship Qty
ETW-MGR-1C	Model 105, 204, 205 & HC2 - Cell and Mobile connect - 1 year (included with purchase)	1
ETW-MGR-3C	Model 105, 204, 205 & HC2 - Cell and Mobile connect - 3 year (two additional years)	1
ETW-MGR-5C	Model 105, 204, 205 & HC2 - Cell and Mobile connect - 5 years (four additional years)	1

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Part #	Model #	Page	Price
15150008	GreenIQ 8 Station	K-02	$229
15150016	GreenIQ 16 Station	K-02	$249
	ETW-HC2-FA	K-04	$1,200
	ETW-HC2-CLR	K-04	$950
	ETW-HC-FA	K-04	$250
	ETW-HC-H-CO	K-04	$75
	ETW-HC-T-CO	K-04	$75
	ETW-HC-IR6-CO	K-04	$75
	ETW-HC-W-CO	K-04	$75
	ETW-HC-RB5-CO	K-04	$75
	ETW-HC-RB6-CO	K-04	$75
	ETW-HC-RM-CO	K-04	$75
	205W-8	K-06	$2,450
	205W-16	K-06	$2,750
	205W-24	K-06	$3,050
	205W-32	K-06	$3,350
	205W-40	K-06	$3,650
	205W-48	K-08	$3,950
	204W-PB8	K-08	$2,350
	204W-PB16	K-08	$2,600
	204W-PB24	K-08	$2,750
	204W-PB32	K-08	$3,100
	204W-PB40	K-08	$3,350
	204W-PB-QC	K-08	$2,500
	204W-PR12	K-08	$2,500
	204W-PR18	K-08	$2,600
	204W-PR24	K-08	$2,700
	204W-PR30	K-08	$2,800
	204W-PR36	K-08	$2,900

Part #	Model #	Page	Price
	204W-PRE16	K-08	$2,500
	204W-PRE24	K-08	$2,750
	204W-PRE32	K-08	$3,000
	204W-PRE40	K-08	$3,250
	204W-PRE48	K-08	$3,500
	204W-PI18	K-08	$2,650
	204W-PI24	K-08	$2,750
	204W-PI30	K-08	$2,850
	204W-PI36	K-08	$2,950
	204W-PI42	K-08	$3,050
	ETW-ANTV4	K-09	$60
	ETW-ANTV4EXT	K-09	$75
	ETW-KEYS	K-09	$30
	ETW-8STA-MODG4	K-09	$350
	ETW-BASMOD-G4	K-09	$450
	ETW-MDM-GPRS3	K-09	$400
	ETW-MGR-1C	K-09	$239
	ETW-MGR-3C	K-09	$699
	ETW-MGR-5C	K-09	$1,059

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Page	Model #	Part #	Price
K-02	GreenIQ 8 Station	15150008	$229
K-02	GreenIQ 16 Station	15150016	$249
K-04	ETW-HC2-FA		$1,200
K-04	ETW-HC2-CLR		$950
K-04	ETW-HC-FA		$250
K-04	ETW-HC-H-CO		$75
K-04	ETW-HC-T-CO		$75
K-04	ETW-HC-IR6-CO		$75
K-04	ETW-HC-W-CO		$75
K-04	ETW-HC-RB5-CO		$75
K-04	ETW-HC-RB6-CO		$75
K-04	ETW-HC-RM-CO		$75
K-06	205W-8		$2,450
K-06	205W-16		$2,750
K-06	205W-24		$3,050
K-06	205W-32		$3,350
K-06	205W-40		$3,650
K-08	205W-48		$3,950
K-08	204W-PB8		$2,350
K-08	204W-PB16		$2,600
K-08	204W-PB24		$2,750
K-08	204W-PB32		$3,100
K-08	204W-PB40		$3,350
K-08	204W-PB-QC		$2,500
K-08	204W-PR12		$2,500
K-08	204W-PR18		$2,600
K-08	204W-PR24		$2,700
K-08	204W-PR30		$2,800
K-08	204W-PR36		$2,900

Page	Model #	Part #	Price
K-08	204W-PRE16		$2,500
K-08	204W-PRE24		$2,750
K-08	204W-PRE32		$3,000
K-08	204W-PRE40		$3,250
K-08	204W-PRE48		$3,500
K-08	204W-PI18		$2,650
K-08	204W-PI24		$2,750
K-08	204W-PI30		$2,850
K-08	204W-PI36		$2,950
K-08	204W-PI42		$3,050
K-09	ETW-ANTV4		$60
K-09	ETW-ANTV4EXT		$75
K-09	ETW-KEYS		$30
K-09	ETW-8STA-MODG4		$350
K-09	ETW-BASMOD-G4		$450
K-09	ETW-MDM-GPRS3		$400
K-09	ETW-MGR-1C		$239
K-09	ETW-MGR-3C		$699
K-09	ETW-MGR-5C		$1,059



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Page	Section	
338	L-02	Air Vents
339	L-03	Pressure Regulators

Air Vents

Model #	Part #	Description	Bag Qty	Box Qty	Box Wt	Box Code	Stock Code
Air / Vacuum Relief Valve							
VBK-3/4	**12090033**	3/4" MPT	36	144	60	A	
VBK-1	**12090023**	1" MPT	36	144	60	A	
VBKV-1	**12090028**	1" MPT with 1/8" Schrader Valve	36	144	64	A	
Air / Vacuum Relief Valve							
APV-1	**12090001**	1" MPT		36	10.0	E	
APV-1-1/4	**12090004**	1 1/4" MPT		12	10.0	E	
APV-1-1/2	**12090002**	1 1/2" MPT		12	12.0	E	
APV-2	**12090007**	2" MPT		6	13.0	E	
Air / Vacuum Relief Valve with 1/8" Schrader Valve							
APVV-1	**12090010**	1" MPT		6	10.0	E	
APVV-1-1/4	**12090013**	1 1/4" MPT		12	10.0	E	MTO
APVV-1-1/2	**12090011**	1 1/2" MPT		12	12.0	E	MTO
APVV-2	**12090016**	2" MPT		6	13.0	E	
Continuous Air Relief Valve							
ARVC100	**12090057**	1" MPT		6	17.0	E	
Combination Air Relief Valve							
ARV-2	**12090020**	2" MPT		12	22.0	F	


VBK-3/4


APV-1


APVV-1-1/4


ARVC100


ARV-2

Pressure Regulators

Model #	Part #	Description	Bag Qty	Box Qty	Box Wt	Box Code	Stock Code
Pipe Thread Low Flow Pressure Regulator: 3/4" FPT X 3/4" MPT							
PRL20PP	**72500497**	20 PSI @ 1-8 GPM	10	120	8.8	F	MTO
PRL25PP	**72500498**	25 PSI @ 1-8 GPM	10	120	8.8	F	MTO
Hose Thread Medium Flow Pressure Regulator: 3/4" FHT inlet x 3/4" MHT Outlet							
PRH-15	**72015063**	15 PSI	10	50	3.4	F	
PRH-20	**72015064**	20 PSI	10	50	3.4	F	
PRH-25	**72015065**	25 PSI	10	50	3.4	F	
PRH-30	**72015066**	30 PSI	10	50	3.4	F	
PRH-35	**72015067**	35 PSI	10	50	3.4	F	MTO
Note: Other Pressure Settings available.							
Pipe Thread Medium Flow Pressure Regulators							
PRP-30	**72100064**	3/4" FPT x 3/4" MPT. 30 PSI		50	1.7	B	MTO
Low Flow Pressure Regulators: 0.5 to 5 GPM- 3/4" FPT x 3/4" FPT							
PR-075-L-06	**12100039**	6 PSI		50	17.0	L	MTO
PR-075-L-10	**12100017**	10 PSI		50	17.0	L	
Low Flow Pressure Regulators: 0.1 to 8 GPM- 3/4" FPT x 3/4" FPT							
PR-075-L-12	**12100020**	12 PSI		50	17.0	L	
PR-075-L-15	**12100021**	15 PSI		50	17.0	L	MTO
PR-075-L-20	**72100024**	20 PSI		50	17.0	L	
PR-075-L-25	**72100027**	25 PSI		50	17.0	L	
PR-075-L-30	**72100029**	30 PSI		50	17.0	L	
PR-075-L-35	**72100032**	35 PSI		50	17.0	L	MTO
PR-075-L-40	**72100034**	40 PSI		50	17.0	L	MTO
Low Flow Pressure Regulators: 0.1 to 8 GPM- 3/4" FHT x 3/4" MHT							
PR-075H-L-12	**12100052**	12 PSI		50	18.0	L	
PR-075H-L-20	**72100025**	20 PSI		50	18.0	L	MTO
PR-075H-L-25	**12100058**	25 PSI		50	18.0	L	MTO
PR-075H-L-30	**12100050**	30 PSI		50	18.0	L	


PRL20PP


PRH-20


PRP-30



PR-075-L-06



PR-075-L-20


PR-075H-L-20

Pressure Regulators

Model #	Part #	Description	Box Qty	Box Wt	Box Code	Stock Code
Medium Flow Pressure Regulators: 4 to 16 GPM - 3/4" FPT x 3/4" FPT						
PR-075-M-10	**12100018**	10 PSI	50	22.0	L	
Medium Flow Pressure Regulators: 2 to 20 GPM - 3/4" FPT x 3/4" FPT						
PR-075-M-15	**12100022**	15 PSI	50	22.0	L	
PR-075-M-20	**12100026**	20 PSI	50	22.0	L	
PR-075-M-25	**12100028**	25 PSI	50	22.0	L	
PR-075-M-30	**12100030**	30 PSI	50	22.0	L	
PR-075-M-35	**12100033**	35 PSI	50	22.0	L	MTO
PR-075-M-40	**12100035**	40 PSI	50	22.0	L	
PR-075-M-50	**12100037**	50 PSI	50	22.0	L	
Medium Flow Pressure Regulators: 4 to16 GPM - 1" FPT x 1" FPT						
PR-100-M-10	**12100019**	10 PSI	50	26.0	L	
Medium Flow Pressure Regulators: 2 to 20 GPM - 1" FPT x 1" FPT						
PR-100-M-15	**12100023**	15 PSI	50	26.0	L	MTO
PR-100-M-20	**12100053**	20 PSI	50	26.0	L	
PR-100-M-25	**12100060**	25 PSI	50	26.0	L	
PR-100-M-30	**12100031**	30 PSI	50	26.0	L	
PR-100-M-35	**12100057**	35 PSI	50	26.0	L	MTO
PR-100-M-40	**12100036**	40 PSI	50	26.0	L	
PR-100-M-50	**12100059**	50 PSI	50	26.0	L	
High Flow Pressure Regulators: 10 to 32 GPM - 1 1/4" FPT x 1" FPT						
PR-10-HF	**12100041**	10 PSI	25	17.0	J	
PR-20-HF	**12100043**	20 PSI	25	17.0	J	MTO
PR-25-HF	**12100044**	25 PSI	25	17.0	J	MTO
PR-30-HF	**12100045**	30 PSI	25	17.0	J	MTO
PR-40-HF	**12100046**	40 PSI	25	17.0	J	MTO
PR-50-HF	**12100047**	50 PSI	25	17.0	J	MTO



PR-100-M-30



PR-40-HF



AIR VENTS & PRESSURE REGULATORS Part# Index

Part #	Model #	Page	Price
12090001	APV-1	L-02	$21.01
12090002	APV-1-1/2	L-02	$74.66
12090004	APV-1-1/4	L-02	$44.25
12090007	APV-2	L-02	$78.39
12090010	APVV-1	L-02	$26.90
12090011	APVV-1-1/2	L-02	$80.55
12090013	APVV-1-1/4	L-02	$50.13
12090016	APVV-2	L-02	$80.55
12090020	ARV-2	L-02	$204.80
12090023	VBK-1	L-02	$13.67
12090028	VBKV-1	L-02	$18.54
12090033	VBK-3/4	L-02	$13.67
12090057	ARVC100	L-02	$102.46
12100017	PR-075-L-10	L-03	$18.34
12100018	PR-075-M-10	L-04	$23.12
12100019	PR-100-M-10	L-04	$25.08
12100020	PR-075-L-12	L-03	$18.34
12100021	PR-075-L-15	L-03	$18.34
12100022	PR-075-M-15	L-04	$23.12
12100023	PR-100-M-15	L-04	$25.08
12100026	PR-075-M-20	L-04	$23.12
12100028	PR-075-M-25	L-04	$23.12
12100030	PR-075-M-30	L-04	$20.62
12100031	PR-100-M-30	L-04	$25.08
12100033	PR-075-M-35	L-04	$23.12
12100035	PR-075-M-40	L-04	$23.12
12100036	PR-100-M-40	L-04	$25.08
12100037	PR-075-M-50	L-04	$23.12

Part #	Model #	Page	Price
12100039	PR-075-L-06	L-03	$18.34
12100041	PR-10-HF	L-04	$48.98
12100043	PR-20-HF	L-04	$48.98
12100044	PR-25-HF	L-04	$48.98
12100045	PR-30-HF	L-04	$48.98
12100046	PR-40-HF	L-04	$48.98
12100047	PR-50-HF	L-04	$48.98
12100050	PR-075H-L-30	L-03	$20.25
12100052	PR-075H-L-12	L-03	$20.25
12100053	PR-100-M-20	L-04	$25.08
12100057	PR-100-M-35	L-04	$25.08
12100058	PR-075H-L-25	L-03	$20.25
12100059	PR-100-M-50	L-04	$25.08
12100060	PR-100-M-25	L-04	$25.08
72015063	PRH-15	L-03	$12.08
72015064	PRH-20	L-03	$12.08
72015065	PRH-25	L-03	$12.08
72015066	PRH-30	L-03	$12.08
72015067	PRH-35	L-03	$12.08
72100024	PR-075-L-20	L-03	$19.26
72100025	PR-075H-L-20	L-03	$21.26
72100027	PR-075-L-25	L-03	$19.26
72100029	PR-075-L-30	L-03	$19.26
72100032	PR-075-L-35	L-03	$19.26
72100034	PR-075-L-40	L-03	$19.26
72100064	PRP-30	L-03	$12.08
72500497	PRL20PP	L-03	$11.54
72500498	PRL25PP	L-03	$10.09

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Page	Model #	Part #	Price
L-02	VBK-3/4	12090033	$13.67
L-02	VBK-1	12090023	$13.67
L-02	VBKV-1	12090028	$18.54
L-02	APV-1	12090001	$21.01
L-02	APV-1-1/4	12090004	$44.25
L-02	APV-1-1/2	12090002	$74.66
L-02	APV-2	12090007	$78.39
L-02	APVV-1	12090010	$26.90
L-02	APVV-1-1/4	12090013	$50.13
L-02	APVV-1-1/2	12090011	$80.55
L-02	APVV-2	12090016	$80.55
L-02	ARV-2	12090020	$204.80
L-02	ARVC100	12090057	$102.46
L-03	PR-075-L-10	12100017	$18.34
L-03	PR-075-L-12	12100020	$18.34
L-03	PR-075-L-15	12100021	$18.34
L-03	PR-075-L-06	12100039	$18.34
L-03	PR-075H-L-30	12100050	$20.25
L-03	PR-075H-L-12	12100052	$20.25
L-03	PR-075H-L-25	12100058	$20.25
L-03	PRH-15	72015063	$12.08
L-03	PRH-20	72015064	$12.08
L-03	PRH-25	72015065	$12.08
L-03	PRH-30	72015066	$12.08
L-03	PRH-35	72015067	$12.08
L-03	PR-075-L-20	72100024	$19.26
L-03	PR-075H-L-20	72100025	$21.26
L-03	PR-075-L-25	72100027	$19.26

Page	Model #	Part #	Price
L-03	PR-075-L-30	72100029	$19.26
L-03	PR-075-L-35	72100032	$19.26
L-03	PR-075-L-40	72100034	$19.26
L-03	PRP-30	72100064	$12.08
L-03	PRL20PP	72500497	$11.54
L-03	PRL25PP	72500498	$10.09
L-04	PR-075-M-10	12100018	$23.12
L-04	PR-100-M-10	12100019	$25.08
L-04	PR-075-M-15	12100022	$23.12
L-04	PR-100-M-15	12100023	$25.08
L-04	PR-075-M-20	12100026	$23.12
L-04	PR-075-M-25	12100028	$23.12
L-04	PR-075-M-30	12100030	$20.62
L-04	PR-100-M-30	12100031	$25.08
L-04	PR-075-M-35	12100033	$23.12
L-04	PR-075-M-40	12100035	$23.12
L-04	PR-100-M-40	12100036	$25.08
L-04	PR-075-M-50	12100037	$23.12
L-04	PR-10-HF	12100041	$48.98
L-04	PR-20-HF	12100043	$48.98
L-04	PR-25-HF	12100044	$48.98
L-04	PR-30-HF	12100045	$48.98
L-04	PR-40-HF	12100046	$48.98
L-04	PR-50-HF	12100047	$48.98
L-04	PR-100-M-20	12100053	$25.08
L-04	PR-100-M-35	12100057	$25.08
L-04	PR-100-M-50	12100059	$25.08
L-04	PR-100-M-25	12100060	$25.08



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Grommets for PVC Pipe

Model #	Part #	Description	Box Qty	Pallet Qty	Box Wt	Box Code	Stock Code
400-GRO	**12290031**	Drill 9/16" Hole For min. 1" diameter PVC For 400 Barbs	100	3000	3.0	B	
700-GRO	**12290032**	Drill 13/16" Hole For min. 1-1/2" diameter PVC For 700 Barbs	100	2500	4.5	B	
1000-GRO	**12020002**	Drill 1 5/16" Hole For min. 3" diameter PVC For 1000 Barbs	50	250	7.5	B	
32-DRAMM GR	**12291066**	3/8" Dramm Grommet (drill a 7/16" hole)	250	2000			



400-GRO



32-DRAMM GR

WideCut Vine Curls

Model #	Part #	Description	Box Qty	Pallet Qty	Box Wt	Box Code	Stock Code
A5-CURL-3	**11050003**	3" for 0.700" O.D. Tubing * (same as Wade's PCURL403A)	1500	1500	16.0	M	
A5-CURL-3G	**11050013**	Gaylord Quantity- 40,000 (same as Wade's PCURL403AG)		40000	840.0	P	
A5-CURL-4	**11050004**	4" for 0.700" O.D. Tubing * (same as Wade's PCURL404A)	1000	1000	20.0	M	
A5-CURL-4G	**11050014**	Gaylord Quantity- 25,000 (same as Wade's PCURL404AG)		25000	540.0	P	
A6-CURL-3	**11050005**	3" for 0.830" O.D. Tubing *	1000	36000	18.0	M	
A6-CURL-3G	**11050015**	Gaylord Quantity- 25,000		25000	605.0	P	
A6-CURL-4	**11050006**	4" for 0.830" O.D. Tubing *	1000	1000	23.0	M	
A6-CURL-4G	**11050016**	Gaylord Quantity- 20,000		20000	500.0	P	MTO
A7-CURL-4	**11050008**	4" for 0.940" O.D. Tubing * (same as Wade's PCURL704A)	750	27000	13.0	M	
A7-CURL-4G	**11050017**	Gaylord Quantity- 15,000 (same as Wade's PCURL704AG)		15000	300.0	P	MTO
A8-CURL-4	**11050019**	4" for 1.200" O.D. Tubing	750	27000	13.0	D	

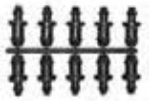
* Must order in box quantities, call Customer Service for price.



A5-CURL-3

Goof Plugs

Model #	Part #	Description	Box Qty	Pallet Qty	Box Wt	Box Code	Stock Code
MP-1	**12290034**	2 sizes per plug. Small plug: shank 0.161", barb 0.214"/Large plug: shank 235", barb 0.293"	100	17500	12.0	A	
HP25	**12500398**	Single Plug, to plug holes from 0.075 to 0.170	100	10000	10.0	F	
GP24	**72500397**	Dual Plug, plugs holes from 0.075" to 0.225" and plugs end of 1/4" tubing	100	3000	10.0	C	
MP-400	**12290035**	Plugs hole made for 400 series barb fittings	50	7000	7.0	A	
MP-400-GRO	**12290036**	Plugs 400-GRO	50	500	7.0	B	
MP-700	**12290037**	2 sizes per plug. Small end plugs 700GRO. Large end plugs hole made for 700 series barb in poly.	50	300	10.0	C	
TPA-P	**12040091**	Plugs 29/64" hole for 1/2 PA. (Glueable in PVC)	50	500	10.0	B	
FHC-06-PLUG	**12030064**	Plug for FCH-06 & 09-LS, PL-KMA	50	500	27.0	A	


MP-1


HP25


GP24


MP-400


MP-400-GRO


MP-700


TPA-P


FHC-06-PLUG

Leak Prevention Devices

Model #	Part #	Description	Bag Qty	Box Qty.	Stock Code	Box Code
Lateral LPD						
LLPD-16B	**11990616**	1/2" NPT thread x 16 mm Barb		280	MTO	
LLPD-17B	**11990617**	1/2" NPT thread x 17 mm Barb		270	MTO	
LLPD-20B	**11990610**	1/2" NPT thread x 20 mm Barb		250	MTO	
3/4" Anti-Siphon Device						
PASV77H	**72501963**	3/4" FHT X 3/4" MHT	20	60		A

Lateral LPD


LLPD-17B

3/4" Anti-Siphon Valve


DP-M

Flush Valves

Model #	Part #	Description	Bag Qty.	Box Qty.	Box Wt.	Box Code	Stock Code
Flush Valves with Tattle Tail							
FCH-L-FHT	**12060036**	3/4" FHT X Low Pressure White Plunger	50	1200	25	A	
FCH-H-FHT	**12060034**	3/4" FHT X High Pressure Orange Plunger	50	1200	25	A	
FCH-L-FIPT	**12060037**	3/4" FPT X Low Pressure White Plunger	50	1200	25	A	
FCH-H-FIPT	**12060035**	3/4" FPT X High Pressure Orange Plunger	50	1200	25	A	MTO
Lateral Flush Valves							
LFV-50NPT	**12060701**	Thread 1/2" NPT Male Lateral Flush Valve		180			MTO
LFV-16B	**12060716**	Barb 16 mm Lateral Flush Valve		180			MTO
LFV-17B	**12060717**	Barb 17 mm Lateral Flush Valve		180			MTO
LFV-20B	**12060720**	Barb 20 mm Lateral Flush Valve		180			MTO
LFV-17T	**12060727**	Tape 17 mm Lateral Flush Valve		180			MTO
2" Flush Valves							
FCH-2L	**12060010**	2" MPT x Low Pressure White Plunger		20	8.9	C	
FCH-2H	**12060008**	2" MPT x High Pressure Black Plunger		20	8.9	C	

NOTE: Available with BSP Thread.

Flush Valve Operating Information
FCH-L (Low) : 0.6 GPM required to close; reopens when pressure falls below 1 PSI
FCH-H (High) : 0.8 GPM required to close; reopens when pressure falls below 2 PSI
FCH-2L (Low) : 16 GPM required to close; reopens when pressure falls below 1.5 PSI
FCH-2H (High) : 30 GPM required to close; reopens when pressure falls below 7 PSI

Flush Valves with Tattle Tail



FCH-H-FHT

Lateral Flush Valves



LFV-17B

2" Flush Valves



FCH-2L



Support Hooks and Clips

Model #	Part #	Description	Box Qty	Pallet Qty	Box Wt	Box Code	Stock Code
Support Hooks & Clips							
A16H	**12291037**	16mm Dripline Support Hook	1000	10000			
A18H	**12291064**	18mm Dripline Support Hook (Bulk)		5500			
A18HB	**12292024**	18mm Dripline Support Hook (Bagged)	500	4000			
A20H	**12291039**	20mm Dripline Support Hook	1000	10000			MTO
A25H	**12291040**	3/4" Hose Support Hook	500	4000			MTO
A32H	**12291041**	1" Hose Support Hook	250	2000			MTO
52-18CLP	**12292023**	18mm Clip (Used in Clipline)	500	5500			



A16H



A25H

Hose Accessories

Model #	Part #	Description	Box Qty	Pallet Qty	Box Wt	Box Code	Stock Code
Hose Accessories							
3/4" HW	**12290014**	Vinyl hose washer	100	1000	2.0	F	
3/4" SW	**12290015**	Vinyl hose washer with 30 mesh stainless steel screen	100	1000	2.0	F	
3/4" FHT Cap	**12040073**	3/4" FHT Cap - Black	50	1500	14.2	F	
600C	**12501238**	3/4" FHT Cap with washer - Green	50	500	7.3	A	



3/4" HW



3/4" SW



3/4" FHT Cap

TOOLS

Figure 8 Tubing End Closures

Model #	Part #	Description	Box Qty	Pallet Qty	Box Wt	Box Code	Stock Code
Figure 8 Tubing End Closures							
600-AP8	**12290017**	Fits tubing O.D. up to 0.660"	100	3000	22.0	A	R
700-AP8	**12290018**	Fits tubing O.D. up to 0.720"	100	2200	22.0	A	R
700-AP8	**72290018**	Fits tubing O.D. up to 0.720"	25	300	3.3	C	R
800-AP8	**12290115**	Fits tubing O.D. up to 0.840"	100	1800	12.0	A	R
900-AP8	**12290116**	Fits tubing O.D. up to 0.950"	100	1400	12.0	A	R
1000-AP8	**12290117**	Fits tubing O.D. up to 1.3"	50	800	15.0	A	R



700-AP8

Staples and Stakes

Model #	Part #	Description	Box Qty	Pallet Qty	Box Wt	Box Code	Stock Code
Landscape Staples and Stakes							
PS08	**72500937**	8" Wire Stake, fits 1/8" through 1/2" tube 12 Gauge U.S. Steel Wire, 0.105"	25	1000	2.1	F	R
S-2	**72290042**	Micro Tubing from 0.167 to 0.350 O.D.	25	3000	8.0	C	R
S-3	**72290043**	Micro Tubing 0.187 O.D.	25	500	3.2	B	R
S-4	**72290044**	Fits over 1/2" Tubing-Bottom Clip	25	300	9.0	F	R
S-5	**12290045**	Use on Tubing up to 1" O.D. 5" length 11 Gauge U.S. Steel Wire, 0.121" Dia.		1000	42.0	F	R
S-7	**72500527**	6" Heavy-Duty Wire Staple - holds up to .940 OD 12 Gauge U.S. Steel Wire, 0.116" Dia.	100	500	6.0	C	R
RSTAKE	**72015046**	6" Riser Stake with 10–32 Thread Outlet	25	250	1.4	F	R
PCS12	**72500807**	12" Plastic Stake. Accepts 0.250 O.D. & 0.307 O.D. tubing, PSA1032 stake adapter and rigid risers (1/4" connector included)	25	200	14.9	A	R



PS08



S-2



S-3



S-4



S-5



S-7



RSTAKE



PCS12

Micro-Sprinkler Stakes

Model #	Part #	Description	Box Qty	Pallet Qty	Box Wt	Box Code	Stock Code
Micro-Sprinkler Stakes							
STAKE-31R	**17097907**	Stake 31, Red		550	25		
STAKE-31B	**17097908**	Stake 31, Black		550	25		
STAKE-34R	**17097917**	Stake 34, Red		170	11		
STAKE-37R	**17097947**	Stake 37, Red		170	14		
MS-12DR	**12501132**	Multi-stake - Red		250		A	
BUR-STK-47	**12290250**	Burial Stake (4/7 side inlet, 1/2" socket top)		325		A	



STAKE-31R



STAKE-31B



STAKE-34R



STAKE-37R



MS-12DR



BUR-STK-47

Wire Ties and Tool

TOOLS

Model #	Part #	Description	Box Qty	Pallet Qty	Box Wt	Box Code	Stock Code
Wire Ties (18 gauge) and Tool							
AP-H	**12290028**	Wire Tie Handle	1	200	2.0	A	
AP-4	**12290023**	4" Galvanized		5000	17.0	K	
AP-2	**12290021**	6" Galvanized		5000	24.0	K	
AP-8	**12290027**	8" Galvanized		5000	31.0		
AP-1	**12290020**	4" Stainless Steel		5000	17.0	K	MTO
AP-3	**12290022**	6" Stainless Steel		5000	24.0	K	
AP-5	**12290024**	8" Stainless Steel		5000	31.0	K	

NOTE: All wire ties are sold in box quantities only.



AP-H

Flex Strap Tree Ties

Model #	Part #	Description	Box Qty	Pallet Qty	Box Wt	Box Code
Flex Strap Tree Ties						
FSTT-50	**71240005**	vinyl construction, coil length 50' (list price = 1 carton) *	12	1	32.4	M
FSTT-500	**71240003**	vinyl construction, coil length 500'	2	2	27.9	M

* Must order in carton quantities



Flex Strap Tree Ties

Tubing Support Clamp

Model #	Part #	Description	Box Qty	Pallet Qty	Box Wt	Box Code	Stock Code
Tubing Support Clamps with Nail							
PC185	**72500465**	3/16" (0.187 OD)	100	3000	13.7	C	MTO
PC250	**72500466**	1/4" (0.250 & 0.220 OD)	100	2000	13.2	B	
PC710	**72500468**	1/2" (0.710, 0.700, 0.600 OD)	100	500	14.7	C	



PC250

Installation and Service Tools

Model #	Part #	Description	Box Qty	Pallet Qty	Box Wt	Box Code	Stock Code
Ejector Style Hole Punches							
AP025	**12071006**	2.5mm Hole Punch for Drip Emitters or 31-BC170	1	10		B	
AP030	**12071008**	3.0mm Hole Punch for 4/7mm Barb (NaanDanJain)	1	10		B	
AP036	**12071009**	3.6mm Hole Punch for 250 Series Barb	1	10		B	
AP070	**12071025**	7.0mm Hole Punch for 400 Series Barb	1	10		B	
AP012	**12071005**	12mm Hole Punch for 500 Series Barb	1	10		B	MTO
AP	**12071003**	Hole Punch witho Tip	1	10		B	
Replacement Tips for Ejector Style Hole Punches							
APT025	**12071013**	2.5mm Replacement Tip	1	10		B	
APT030	**12071014**	3.0mm Replacement Tip	1	10		B	
APT036	**12071017**	3.6mm Replacement Tip	1	10		B	
APT070	**12071019**	7.0mm Replacement Tip	1	10		B	
APT012	**12071012**	12mm Replacement Tip	1	10		B	MTO

Note: Other tips are available by special order: 4.0mm, 5.0mm, 6.0mm, 8.0mm, 9.0mm, 10mm, 11mm, 13mm, and 14mm.

Drip Punches							
HPT125	**12501090**	T-handle hole punch for 1/8" and 1/4" connectors & emitters	1	200	14.2	F	
PQP125	**72500491**	Quick Punch - punches hole for 1/8" and 1/4" barb fittings. Handle inserts 1/4" connectors.	10	200	11.5	A	
PKP160	**72501091**	Key Punch and Pep Jet Cap Remover	25	600	11.1	B	
RP	**72501092**	Punches hole for 1/4" and 3/16" barb fittings	6	72	0.8	B	



AP030



APT036



HPT125



PQP125



PKP160



MFIT

Installation and Service Tools

Model #	Part #	Description	Box Qty	Pallet Qty	Box Wt	Box Code	Stock Code
Punches (DP-4 and 7)							
PP-400	**12070065**	400 Series Cutting Tool - Red Handle	1	6	1.0	B	
DP-400S	**12070032**	400 Series Cutting Tool - Ejector Type Red Handle	1	6	1.0	B	
DP-420	**12070033**	420 Series Cutting Tool - Brown Handle	1	6	1.0	B	
DP-700	**12070037**	700 Series cutting tool for 700 barb fittings	1	6	1.0	B	
DP-700I	**12070038**	Flaring and Insert tool	1	6	1.0	B	
DP-700-KIT	**12070062**	Combo of DP-700 and DP-700I	1	6	1.0	B	MTO
Standard Type Punch							
DP-M	**72015085**	Disposable Mini Hole Punch	10	500	13.7	C	
APPT	**12291060**	Poke and plug	1	500	13.7	C	
PP-47	**17097785**	Punch for 4/7 Tubing	1	10	13.7	B	
T-Handle Hex Installation Tools							
AP-H-1	**12070012**	1/2" Hex for FHC-09-LS Single Step and PL-70-KMA	1	500	1.0	A	
AP-H-2	**12070013**	For FHC-06-LS, PL-50, 55, 60 KMA	1	500	1.0	A	
Drill Bits - For Rigid PVC Pipe							
400-DRILL	**12070068**	9/16" for 400 GRO	1	10	0.5	B	MTO
700-DRILL	**12070069**	13/16" for 700 GRO	1	10	0.5	B	
1000-DRILL	**12070070**	15/16" for 1000 GRO	1	10	0.5	B	
AS DRILL	**12070071**	1" for AS Saddles	1	10	0.5	B	
ABIT14	**12071027**	14mm for 31-AGR400 & 31-AGRO	1	10	0.5	B	MTO

Punches (DP-4 and 7)



PP-400



DP-420



DP-700

Standard Type Punch



DP-M



APPT



PP-47

T-Handle Hex Installation Tools



AP-H-1

Drill Bits - For Rigid PVC Pipe



400-DRILL



700-DRILL



1000-DRILL



ABIT14



Installation and Service Tools

Model #	Part #	Description	Bag Qty	Box Qty	Box Wt	Box Code	Stock Code
Lay Flat Punches							
LFP-1	**12070054**	For standard adapter (14 mm) for FHA-P, FHC(-1)-06-LS (Orange & Black)	1	10	1.0	B	
LFP-LS-1	**12070055**	For 2-step adapter (19 mm) for FHC-06(09)-LS,	1	10	1.0	B	
Miracle Punch for 16/20mm Tubing							
AMP2	**12071032**	2.0mm (Red Tip – .075" Hole)	1	10			
AMP3	**12071033**	3.0mm (Blue Tip – .100" Hole)	1				
AMP4	**12071034**	4.0mm (Green Tip – .150" Hole)	1				MTO
AMPRT2	**12071054**	2.0mm Replacement Tip	1				MTO
AMPRT3	**12071035**	3.0mm Replacement Tip	1				MTO
AMPRT4	**12071036**	4.0mm Replacement Tip	1				MTO
Miracle Inserter Tool							
AMPIA	**12071057**	Insert Adapter for Miracle Punch	1				MTO
AMIT	**12071053**	Miracle Inserter Tool(Inserts Barbs into Micro Tubing)	1				MTO



LFP-1



AMP2



AMIT

TOOLS

Pressure Check Devices

Model #	Part #	Description	Bag Qty	Box Qty	Box Wt	Box Code	Stock Code
Pressure Gauge Check							
ACG	**12070006**		1	10	4.0	B	
Schrader Tank Valve x MPT							
APS-1/8	**12070014**	Used for Air Vents, Fittings	1	100	1.5	B	
APS-1/4	**13180129**	Used on Filters	1	100	2.0	B	
Pressure Test Kit							
PVK-30	**12501231**	Pressure Test Kit	1	1	1.2	B	MTO
Pressure Gauges							
AP-G	**12070010**	Pocket Type 0-50 PSI	1	1	2.0	C	MTO
Liquid Filled Gauges: 2 1/2" Gauge — 1/4" Lower Connection							
LFG-30	**12070326**	2 1/2" Liquid Filled Gauge 0 - 30 PSI		50			
LFG-60	**12070328**	2 1/2" Liquid Filled Gauge 0 - 60 PSI		50			
LFG-100	**12070347**	2 1/2" Liquid Filled Gauge 0 - 100 PSI		50			
LFG-160	**12070330**	2 1/2" Liquid Filled Gauge 0 - 160 PSI		50			
LFG-200	**12070332**	2 1/2" Liquid Filled Gauge 0 - 200 PSI		50			
Dry Gauges: 2 1/2" Gauge — 1/4" Lower Connection							
DG-60	**12070317**	2 1/2" Dry Gauge 0 - 60 PSI		50			
DG-100	**12070318**	2 1/2" Dry Gauge 0 - 100 PSI		50			
DG-160	**12070319**	2 1/2" Dry Gauge 0 - 160 PSI		50			MTO
DG-200	**12070320**	2 1/2" Dry Gauge 0 - 200 PSI		50			



ACG



APS-1/8



PVK-30



AP-G



LFG-100



DG-60

TOOLS & ACCESSORIES Part# Index

Part #	Model #	Page	Price
11050003	A5-CURL-3	M-02	$0.14
11050004	A5-CURL-4	M-02	$0.17
11050005	A6-CURL-3	M-02	$0.17
11050006	A6-CURL-4	M-02	$0.20
11050008	A7-CURL-4	M-02	$0.22
11050013	A5-CURL-3G	M-02	$4,436.71
11050014	A5-CURL-4G	M-02	$3,782.94
11050015	A6-CURL-3G	M-02	$3,782.94
11050016	A6-CURL-4G	M-02	$3,900.35
11050017	A7-CURL-4G	M-02	$3,630.93
11050019	A8-CURL-4	M-02	$0.34
12020002	1000-GRO	M-02	$3.30
12290031	400-GRO	M-02	$0.52
12290032	700-GRO	M-02	$0.86
12291066	32-DRAMM GR	M-02	$0.49
11990610	LLPD-20B	M-03	$8.16
11990616	LLPD-16B	M-03	$8.16
11990617	LLPD-17B	M-03	$8.16
12030064	FHC-06-PLUG	M-03	$1.46
12040091	TPA-P	M-03	$0.70
12290034	MP-1	M-03	$0.05
12290035	MP-400	M-03	$0.60
12290036	MP-400-GRO	M-03	$0.65
12290037	MP-700	M-03	$0.98
12500398	HP25	M-03	$0.13
72500397	GP24	M-03	$0.12
72501963	PASV77H	M-03	$3.85
12060008	FCH-2H	M-04	$34.04
12060010	FCH-2L	M-04	$34.04
12060034	FCH-H-FHT	M-04	$1.39
12060035	FCH-H-FIPT	M-04	$1.39
12060036	FCH-L-FHT	M-04	$1.39
12060037	FCH-L-FIPT	M-04	$1.39
12060701	LFV-50NPT	M-04	$6.93
12060716	LFV-16B	M-04	$6.93
12060717	LFV-17B	M-04	$6.93
12060720	LFV-20B	M-04	$6.93
12060727	LFV-17T	M-04	$6.93
12040073	3/4" FHT Cap	M-06	$0.57

Part #	Model #	Page	Price
12290014	3/4" HW	M-06	$0.19
12290015	3/4" SW	M-06	$0.46
12291037	A16H	M-06	$0.18
12291039	A20H	M-06	$0.19
12291040	A25H	M-06	$0.49
12291041	A32H	M-06	$0.56
12291064	A18H	M-06	$0.18
12292023	52-18CLP	M-06	$0.18
12292024	A18HB	M-06	$0.17
12501238	600C	M-06	$0.83
12290017	600-AP8	M-07	$0.23
12290018	700-AP8	M-07	$0.29
12290045	S-5	M-07	$0.30
12290115	800-AP8	M-07	$0.35
12290116	900-AP8	M-07	$0.47
12290117	1000-AP8	M-07	$0.97
72015046	RSTAKE	M-07	$0.83
72290018	700-AP8	M-07	$0.29
72290042	S-2	M-07	$0.36
72290043	S-3	M-07	$0.25
72290044	S-4	M-07	$0.59
72500527	S-7	M-07	$0.26
72500807	PCS12	M-07	$0.66
72500937	PS08	M-07	$0.28
12290020	AP-1	M-08	$0.15
12290021	AP-2	M-08	$0.05
12290022	AP-3	M-08	$0.19
12290023	AP-4	M-08	$0.04
12290024	AP-5	M-08	$0.28
12290027	AP-8	M-08	$0.09
12290028	AP-H	M-08	$19.63
12290250	BUR-STK-47	M-08	$1.18
12501132	MS-12DR	M-08	$0.89
17097907	STAKE-31R	M-08	$1.08
17097908	STAKE-31B	M-08	$1.08
17097917	STAKE-34R	M-08	$1.15
17097947	STAKE-37R	M-08	$1.17
71240003	FSTT-500	M-09	$239.51
71240005	FSTT-50	M-09	$368.09

TOOLS & ACCESSORIES Part# Index

Part #	Model #	Page	Price
72500465	PC185	M-09	$0.15
72500466	PC250	M-09	$0.18
72500468	PC710	M-09	$0.50
12071003	AP	M-10	$8.01
12071005	AP012	M-10	$17.14
12071006	AP025	M-10	$17.14
12071008	AP030	M-10	$17.14
12071009	AP036	M-10	$17.14
12071012	APT012	M-10	$7.81
12071013	APT025	M-10	$7.81
12071014	APT030	M-10	$7.81
12071017	APT036	M-10	$7.81
12071019	APT070	M-10	$7.81
12071025	AP070	M-10	$17.14
12501090	HPT125	M-10	$4.28
72500491	PQP125	M-10	$5.24
72501091	PKP160	M-10	$1.02
72501092	RP	M-10	$5.48
12070065	PP-400	M-11	$42.99
12070032	DP-400S	M-11	$57.32
12070033	DP-420	M-11	$16.57
12070006	ACG	M-13	$30.32
12070010	AP-G	M-13	$24.77
12070012	AP-H-1	M-11	$34.87
12070013	AP-H-2	M-11	$40.99
12070014	APS-1/8	M-13	$3.38
12070037	DP-700	M-11	$60.44
12070038	DP-700I	M-11	$39.61
12070054	LFP-1	M-12	$128.53
12070055	LFP-LS-1	M-12	$132.24
12070062	DP-700-KIT	M-11	$100.05
12070068	400-DRILL	M-11	$158.19
12070069	700-DRILL	M-11	$175.50
12070070	1000-DRILL	M-11	$323.80
12070071	AS DRILL	M-11	$202.68
12070317	DG-60	M-13	$8.67
12070318	DG-100	M-13	$8.67
12070319	DG-160	M-13	$8.67

Part #	Model #	Page	Price
12070320	DG-200	M-13	$8.67
12070326	LFG-30	M-13	$26.53
12070328	LFG-60	M-13	$26.53
12070330	LFG-160	M-13	$26.53
12070332	LFG-200	M-13	$26.53
12070347	LFG-100	M-13	$26.53
12071027	ABIT14	M-11	$174.26
12071032	AMP2	M-12	$24.72
12071033	AMP3	M-12	$24.72
12071034	AMP4	M-12	$24.72
12071035	AMPRT3	M-12	$15.00
12071036	AMPRT4	M-12	$19.09
12071053	AMIT	M-12	$77.23
12071054	AMPRT2	M-12	$15.00
12071057	AMPIA	M-12	$3.25
12291060	APPT	M-11	$5.67
12501231	PVK-30	M-13	$182.91
13180129	APS-1/4	M-13	$3.98
17097785	PP-47	M-11	$20.36
72015085	DP-M	M-11	$1.30

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Page	Model #	Part #	Price
M-02	A5-CURL-3	11050003	$0.14
M-02	A5-CURL-4	11050004	$0.17
M-02	A6-CURL-3	11050005	$0.17
M-02	A6-CURL-4	11050006	$0.20
M-02	A7-CURL-4	11050008	$0.22
M-02	A5-CURL-3G	11050013	$4,436.71
M-02	A5-CURL-4G	11050014	$3,782.94
M-02	A6-CURL-3G	11050015	$3,782.94
M-02	A6-CURL-4G	11050016	$3,900.35
M-02	A7-CURL-4G	11050017	$3,630.93
M-02	A8-CURL-4	11050019	$0.34
M-02	1000-GRO	12020002	$3.30
M-02	400-GRO	12290031	$0.52
M-02	700-GRO	12290032	$0.86
M-02	32-DRAMM GR	12291066	$0.49
M-03	LLPD-20B	11990610	$8.16
M-03	LLPD-16B	11990616	$8.16
M-03	LLPD-17B	11990617	$8.16
M-03	FHC-06-PLUG	12030064	$1.46
M-03	TPA-P	12040091	$0.70
M-03	MP-1	12290034	$0.05
M-03	MP-400	12290035	$0.60
M-03	MP-400-GRO	12290036	$0.65
M-03	MP-700	12290037	$0.98
M-03	HP25	12500398	$0.13
M-03	GP24	72500397	$0.12
M-03	PASV77H	72501963	$3.85
M-04	FCH-2H	12060008	$34.04
M-04	FCH-2L	12060010	$34.04
M-04	FCH-H-FHT	12060034	$1.39
M-04	FCH-H-FIPT	12060035	$1.39
M-04	FCH-L-FHT	12060036	$1.39
M-04	FCH-L-FIPT	12060037	$1.39
M-04	LFV-50NPT	12060701	$6.93
M-04	LFV-16B	12060716	$6.93
M-04	LFV-17B	12060717	$6.93
M-04	LFV-20B	12060720	$6.93
M-04	LFV-17T	12060727	$6.93
M-06	3/4" FHT Cap	12040073	$0.57

Page	Model #	Part #	Price
M-06	3/4" HW	12290014	$0.19
M-06	3/4" SW	12290015	$0.46
M-06	A16H	12291037	$0.18
M-06	A20H	12291039	$0.19
M-06	A25H	12291040	$0.49
M-06	A32H	12291041	$0.56
M-06	A18H	12291064	$0.18
M-06	52-18CLP	12292023	$0.18
M-06	A18HB	12292024	$0.17
M-06	600C	12501238	$0.83
M-07	600-AP8	12290017	$0.23
M-07	700-AP8	12290018	$0.29
M-07	S-5	12290045	$0.30
M-07	800-AP8	12290115	$0.35
M-07	900-AP8	12290116	$0.47
M-07	1000-AP8	12290117	$0.97
M-07	RSTAKE	72015046	$0.83
M-07	700-AP8	72290018	$0.29
M-07	S-2	72290042	$0.36
M-07	S-3	72290043	$0.25
M-07	S-4	72290044	$0.59
M-07	S-7	72500527	$0.26
M-07	PCS12	72500807	$0.66
M-07	PS08	72500937	$0.28
M-08	AP-1	12290020	$0.15
M-08	AP-2	12290021	$0.05
M-08	AP-3	12290022	$0.19
M-08	AP-4	12290023	$0.04
M-08	AP-5	12290024	$0.28
M-08	AP-8	12290027	$0.09
M-08	AP-H	12290028	$19.63
M-08	BUR-STK-47	12290250	$1.18
M-08	MS-12DR	12501132	$0.89
M-08	STAKE-31R	17097907	$1.08
M-08	STAKE-31B	17097908	$1.08
M-08	STAKE-34R	17097917	$1.15
M-08	STAKE-37R	17097947	$1.17
M-09	FSTT-500	71240003	$239.51
M-09	FSTT-50	71240005	$368.09

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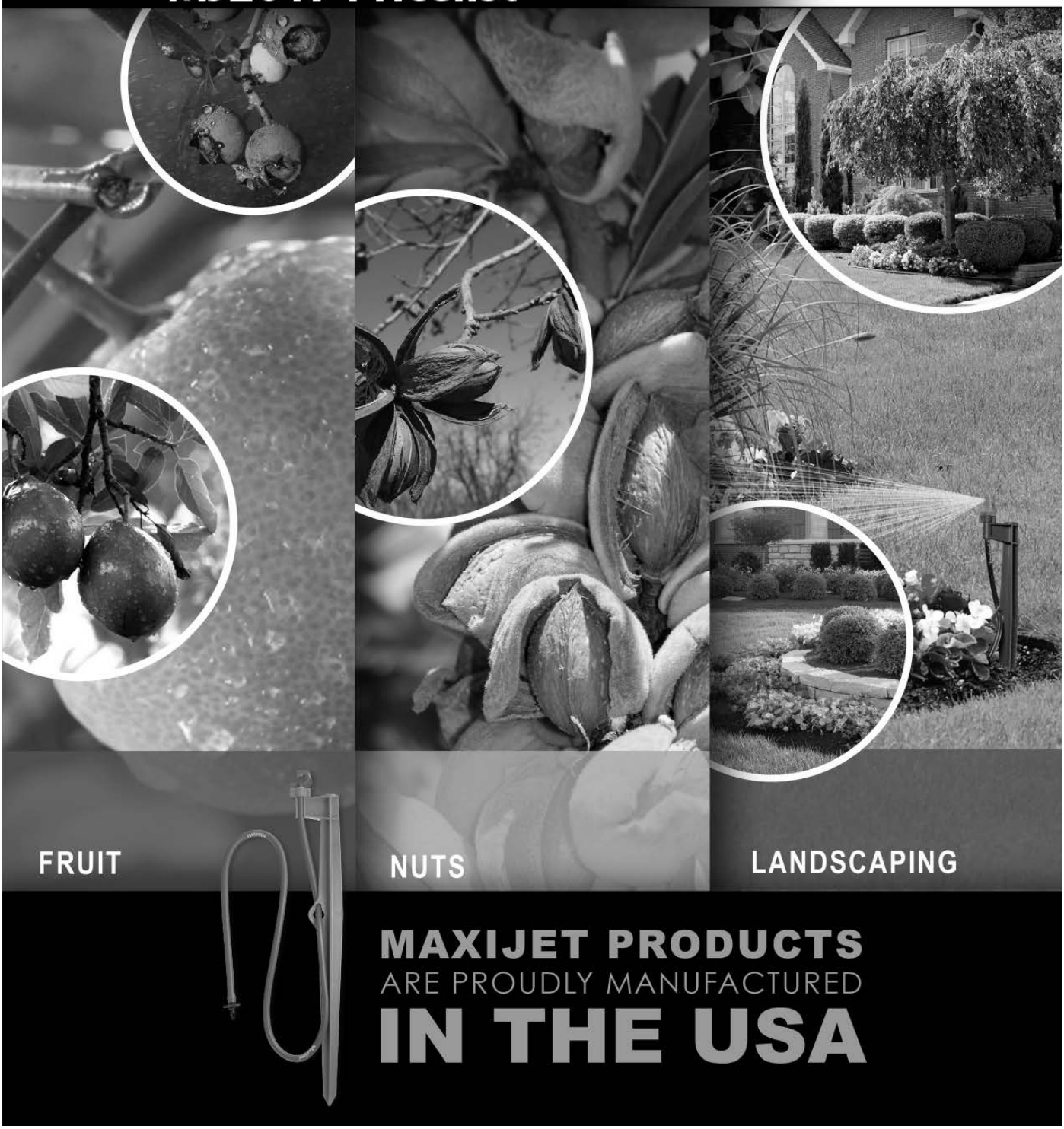
Page	Model #	Part #	Price
M-09	PC185	72500465	$0.15
M-09	PC250	72500466	$0.18
M-09	PC710	72500468	$0.50
M-10	AP	12071003	$8.01
M-10	AP012	12071005	$17.14
M-10	AP025	12071006	$17.14
M-10	AP030	12071008	$17.14
M-10	AP036	12071009	$17.14
M-10	APT012	12071012	$7.81
M-10	APT025	12071013	$7.81
M-10	APT030	12071014	$7.81
M-10	APT036	12071017	$7.81
M-10	APT070	12071019	$7.81
M-10	AP070	12071025	$17.14
M-10	HPT125	12501090	$4.28
M-10	PQP125	72500491	$5.24
M-10	PKP160	72501091	$1.02
M-10	RP	72501092	$5.48
M-11	PP-400	12070065	$42.99
M-11	DP-400S	12070032	$57.32
M-11	DP-420	12070033	$16.57
M-11	DP-700	12070037	$60.44
M-11	DP-700I	12070038	$39.61
M-11	DP-700-KIT	12070062	$100.05
M-11	DP-M	72015085	$1.30
M-11	APPT	12291060	$5.67
M-11	PP-47	17097785	$20.36
M-11	AP-H-1	12070012	$34.87
M-11	AP-H-2	12070013	$40.99
M-11	400-DRILL	12070068	$158.19
M-11	700-DRILL	12070069	$175.50
M-11	1000-DRILL	12070070	$323.80
M-11	AS DRILL	12070071	$202.68
M-11	ABIT14	12071027	$174.26
M-12	LFP-1	12070054	$128.53
M-12	LFP-LS-1	12070055	$132.24
M-12	AMP2	12071032	$24.72
M-12	AMP3	12071033	$24.72

Page	Model #	Part #	Price
M-12	AMP4	12071034	$24.72
M-12	AMPRT2	12071054	$15.00
M-12	AMPRT3	12071035	$15.00
M-12	AMPRT4	12071036	$19.09
M-12	AMPIA	12071057	$3.25
M-12	AMIT	12071053	$77.23
M-13	ACG	12070006	$30.32
M-13	APS-1/8	12070014	$3.38
M-13	APS-1/4	13180129	$3.98
M-13	PVK-30	12501231	$182.91
M-13	AP-G	12070010	$24.77
M-13	LFG-30	12070326	$26.53
M-13	LFG-60	12070328	$26.53
M-13	LFG-100	12070347	$26.53
M-13	LFG-160	12070330	$26.53
M-13	LFG-200	12070332	$26.53
M-13	DG-60	12070317	$8.67
M-13	DG-100	12070318	$8.67
M-13	DG-160	12070319	$8.67
M-13	DG-200	12070320	$8.67

MAXIJET®

The Standard of Quality in Low-volume Irrigation

MJ2017 Pricelist



MAXIJET PRODUCTS
ARE PROUDLY MANUFACTURED
IN THE USA

Selecting Orifice Size

Maxijet orifice sizes are distinguished by color. When ordering jets and bases, it is important to understand the distinction between colors and how those colors are represented within product part numbers. Here is a quick reference key followed by example part numbers:

Color	Orifice Size	Letter Designation Within Part Numbers
Black	.03"	B [MAB36E1]
Orange	.033"	O [MAO36E1]
Blue	.04"	U [MAU36E1]
Violet	.044"	V [MAV36E1]
Green	.05"	G [MAG36E1]
Yellow	.055"	Y [MAY36E1]
Red	.06"	R [MAR36E1]
White	.07"	W [MAW36E1]

Note: When Caps and Deflectors are assembled on a BLACK base, the letter designation is "C" instead of "B"

One Piece Max-One Spray Jets

Product Info: Made of high-quality, UV-inhibiting resins. Not all jets are available with all orifice sizes. Please review part numbers for availablility. ***See page 16 for special contractor pricing.***

List Price	Bag Qty	Bag Wt	Spray Pattern	Spray Angle
$.42	100 / 500	.22lbs / 1.12lbs		

Max-14 Stream (360º x 14 Medium-Angle Distance Streams)
MAB36E1 *MAO36E1* MAU36E1 *MAV36E1* MAG36E1 *MAY36E1* MAR36E1 *MAW36E1*
+18°

Max-14 Fill-In (360º x 14 Medium-Angle Filled-In Streams)
MAB36L1 *MAO36L1* MAU36L1 *MAV36L1* MAG36L1 *MAY36L1* MAR36L1 *MAW36L1*
+15°

Max-12 Fill-In (300º x 12 Medium-Angle Filled-In Streams)
MAB30L1 *MAO30L1* MAU30L1 *MAV30L1* MAG30L1 *MAY30L1* MAR30L1 *MAW30L1*
+15°

Max-14 Channel (360º x 14 Medium-Angle Distance Streams)
MAB36C1 *MAO36C1* MAU36C1 *MAV36C1* MAG36C1 *MAY36C1* MAR36C1 *MAW36C1*
+18°

Max-One Fan (320º Flat Fan Spray)
MAB3601 *MAO3601* MAU3601 *MAV3601* MAG3601 *MAY3601* MAR3601 *MAW3601*
0°

Max-Cone Fan (360º Down Fan Spray)
MAB36D1 *MAO36D1* MAU36D1 *MAV36D1* MAG36D1 *MAY36D1* MAR36D1 *MAW36D1*
-35°

Max-12 HDR (360º x 12 Filled-In Down Streams High-Density/Reset)
MAB36L1HDR *MAO36L1HDR* MAU36L1HDR *MAV36L1HDR*
-8°

Max-Cone Stream (360º x 14 Down Stream Spray)
MAB36Z1 *MAO36Z1* MAU36Z1 *MAV36Z1* MAG36Z1 *MAY36Z1* MAR36Z1 *MAW36Z1*
-45°

Max-Double Down Stream (Double Set of 360º Down Streams)
MAB36R1 *MAO36R1* MAU36R1 *MAV36R1* MAG36R1 *MAY36R1* MAR36R1 *MAW36R1*
-24°
-45°

Max-Center Strip (20º x 2 Opposing Medium-Angle Fan)
MAB040CS1 *MAO040CS1* MAU040CS1
+12°

Max-360 Blueberry (360º Down Spray)
MAB36B1 *MAO36B1* MAU36B1 *MAV36B1* MAG36B1
-13°

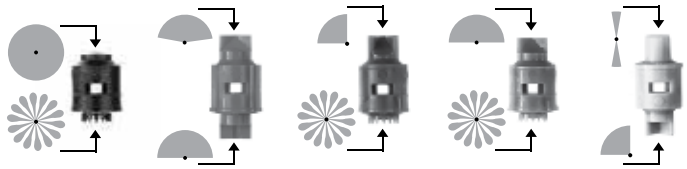
Max-180 Blueberry (180º Down Spray)
MAB18B1 *MAO18B1* MAU18B1 *MAV18B1* MAG18B1
-13°

Max-240 Peach (240º x 10 Flat Streams)
MAB24P1 *MAO24P1* MAU24P1 *MAV24P1* MAG24P1
+15°

Max-V Stream (2 Opposing Medium-Angle "V" Streams)
MABWSL1 *MAOWSL1* MAUWSL1 *MAVWSL1* MAGWSL1 *MAYWSL1* MARWSL1
+15°

Swap Tops

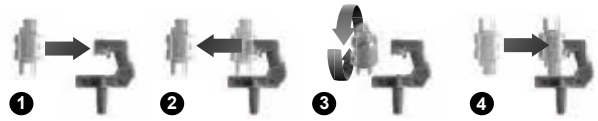
Product Info: Made of high-quality, UV-inhibiting resins. Swap Tops cannot be used with all MAX Jets. Please review all information for compatibility. See page 16 for special contractor pricing. (Patent # 5,335,859)



List Price	Bag Qty	Bag Wt
Swap Tops (All Colors/Patterns)		
$.50	**100 / 1000**	**.23 lbs / 2.35 lbs**

MAB6E6P *MAO8E5P* MAU6E9P *MAG6E8P* MAY4E9P

Changing Patterns With The Swap Top



Swap Tops Can Be Used With These Jets



Max-One Fan | Max-Cone Fan | Max-Double Down Stream

Landscape Micro Sprinkler Spinners

Product Info: Made of high-quality, UV-inhibiting resins. Spinners are not available in all orifice sizes. Please review part numbers for availablility. See page 16 for special contractor pricing.

List Price	Bag Qty	Bag Wt
Spray Pattern	Spray Angle	



Large Circle Spinner (360º x 2 Gray Spinner / Flat Spray)

$1.50	100 / 500	.33 lbs / 1.65 lbs

MAB362X *MAO362X* MAU362X *MAV362X* MAG362X *MAY362X* MAR362X





List Price	Bag Qty	Bag Wt
Spray Pattern	Spray Angle	



Small Circle Spinner (360º x 8 Green Spinner / Flat Spray)

$1.50	100 / 500	.33 lbs / 1.65 lbs

MAG368X





Winged Spray Jets

Product Info: Made of high-quality, UV-inhibiting resins. Winged Jets are not available in all orifice sizes. Please review part numbers for availablility. ***See page 16 for special contractor pricing.***

List Price	Bag Qty	Bag Wt
Spray Pattern	Spray Angle	



20º x 2 Center-Strip Winged Jet (2'-3' Wide Pattern)

$.60	100 / 500	.23 lbs / 1.15 lbs

MAU040W *MAG040W* MAR040W



180º Half Circle Winged Jet (Flat Spray)



$.30	100 / 500	.23 lbs / 1.15 lbs

MAU180W *MAG180W* MAR180W





List Price	Bag Qty	Bag Wt
Spray Pattern	Spray Angle	



90º Quarter Circle Winged Jet (Flat Spray)

$.30	100 / 500	.23 lbs / 1.15 lbs

MAU090W *MAG090W* MAR090W





340º Full Circle Winged Jet (Flat Spray)



$.30	100 / 500	.23 lbs / 1.15 lbs

MAU340W *MAG340W* MAR340W





One Piece Spray Jets

Product Info: Made of high-quality, UV-inhibiting resins. One-Piece Jets are not available in all orifice sizes. Please review part numbers for availablility. ***See page 16 for special contractor pricing.***

List Price	Bag Qty	Bag Wt
Spray Pattern	Spray Angle	



120º Fan Spray Jet (Medium-Angle)

$.30	100 / 1000	.12 lbs / 1.25 lbs

MAB120S *MAU120S* MAG120S *MAR120S*





List Price	Bag Qty	Bag Wt
Spray Pattern	Spray Angle	



280º Fan Spray Jet (Medium-Angle)

$.30	100 / 1000	.12 lbs / 1.25 lbs

MAB280S *MAU280S* MAG280S *MAR280S*





Deflectors

Product Info: All Deflectors can be purchased separately or assembled with a base. Flow Rate is determined by base. ***See page 16 for special contractor pricing.***

Spray Pattern	Spray Angle	List Price	Bag Qty	Bag Wt	List Price	Bag Qty	Bag Wt
	 +18°	**30º End-Strip (Medium-Angle Spray)** **$.55** MAB030D (deflector only)	**100 / 500**	**.23 lbs / 1.15 lbs**	**Assembled With Base** **$.8470** ANC030 *ANO030* ANU030 *ANV030* ANG030 *ANY030* ANR030 *ANW030*	**100 / 500**	**.33 lbs / 1.65 lbs**
	 +12°	**20º x 2 Center-Strip (Medium-Angle Spray)** **$.28** MAB040D (deflector only)	**100 / 500**	**.23 lbs / 1.15 lbs**	**Assembled With Base** **$.5770** ANC040 *ANO040* ANU040 *ANV040* ANG040 *ANY040* ANR040 *ANW040*	**100 / 500**	**.33 lbs / 1.65 lbs**
	 +20°	**20º x 2 Opposing-Stream (Medium-Angle Spray)** **$.28** MAB040DFP (deflector only)	**100 / 500**	**.23 lbs / 1.15 lbs**	**Assembled With Base** **$.5770** ANC040FP *ANO040FP* ANU040FP *ANV040FP* ANG040FP *ANY040FP* ANR040FP *ANW040FP*	**100 / 500**	**.33 lbs / 1.65 lbs**
	 +18°	**90º Quarter Circle Fan (Medium-Angle Spray)** **$.55** MAB090D (deflector only)	**100 / 500**	**.23 lbs / 1.15 lbs**	**Assembled With Base** **$.8470** ANC090 *ANO090* ANU090 *ANV090* ANG090 *ANY090* ANR090 *ANW090*	**100 / 500**	**.33 lbs / 1.65 lbs**
	 +64°	**90º High Angle Fan (High-Angle Spray)** **$.55** MABA90D (deflector only)	**100 / 500**	**.23 lbs / 1.15 lbs**	**Assembled With Base** **$.8470** ANCA90 *ANOA90* ANUA90 *ANVA90* ANGA90 *ANYA90* ANRA90 *ANWA90*	**100 / 500**	**.33 lbs / 1.65 lbs**
	 +18°	**180 Half Circle Fan (165º Medium-Angle Spray)** **$.55** MAB180D (deflector only)	**100 / 500**	**.23 lbs / 1.15 lbs**	**Assembled With Base** **$.8470** ANC180 *ANO180* ANU180 *ANV180* ANG180 *ANY180* ANR180 *ANW180*	**100 / 500**	**.33 lbs / 1.65 lbs**
	 +18°	**180º x 8 Stream (Medium-Angle Spray)** **$.55** MAB188D (deflector only)	**100 / 500**	**.23 lbs / 1.15 lbs**	**Assembled With Base** **$.8470** ANC188 *ANO188* ANU188 *ANV188* ANG188 *ANY188* ANR188 *ANW188*	**100 / 500**	**.33 lbs / 1.65 lbs**
	 +18°	**280º Fan (Medium-Angle Spray)** **$.55** MAB280D (deflector only)	**100 / 500**	**.23 lbs / 1.15 lbs**	**Assembled With Base** **$.8470** ANC280 *ANO280* ANU280 *ANV280* ANG280 *ANY280* ANR280 *ANW280*	**100 / 500**	**.33 lbs / 1.65 lbs**
	 +18°	**300º x 12 Stream (Medium-Angle Spray)** **$.55** MAB312D (deflector only)	**100 / 500**	**.23 lbs / 1.15 lbs**	**Assembled With Base** **$.8470** ANC312 *ANO312* ANU312 *ANV312* ANG312 *ANY312* ANR312 *ANW312*	**100 / 500**	**.33 lbs / 1.65 lbs**
	 +18°	**360º x 14 Stream (Medium-Angle Spray)** **$.28** MAB36ED (deflector only)	**100 / 500**	**.23 lbs / 1.15 lbs**	**Assembled With Base** **$.5770** ANC36E *ANO36E* ANU03E *ANV36E* ANG36E *ANY36E* ANR36E *ANW36E*	**100 / 500**	**.33 lbs / 1.65 lbs**
	 +5°	**360º x 14 Stream (Vertical Hang, Flat Spray)** **$.55** MAG36BD (deflector only)	**100**	**.23 lbs**	**Assembled With Base** **$.8470** ANC36N *ANO36N* ANU36N *ANV36N* ANG36N *ANY36N* ANR36N *ANW36N*	**100 / 500**	**.33 lbs / 1.65 lbs**
	 0°	**360º x 14 Fill-In (Vertical Hang, Flat Spray)** **$.55** MAU36VD (deflector only)	**100**	**.23 lbs**	**Assembled With Base** **$.8470** ANC36V *ANO36V* ANU36V *ANV36V* ANG36V *ANY36V* ANR36V *ANW36V*	**100 / 500**	**.33 lbs / 1.65 lbs**
		**Black Deflector Top Hat (Use With: 360º x 14 Stream)** **$.30** MABDFTD (hat only)	**100 / 500**	**.23 lbs / 1.15 lbs**			

Caps

Product Info: All Caps can be purchased separately or assembled with a base. Flow Rate is determined by base. ***See page 16 for special contractor pricing.***

Spray Pattern	Spray Angle	List Price	Bag Qty	Bag Wt	List Price	Bag Qty	Bag Wt
	 +18°	**30º End-Strip (Medium-Angle Spray)**			**Assembled With Base**		
		$.23	**100 / 1000**	**.05 lbs / .5 lbs**	**$.5270**	**100 / 1000**	**.15 lbs / 1.5 lbs**
		MAB030C (cap only)			AJC030 *AJO030* AJU030 *AJV030* AJG030 *AJY030* AJR030 *AJW030*		
	 +18°	**20º x 2 Center-Strip (Medium-Angle Spray)**			**Assembled With Base**		
		$.23	**100 / 1000**	**.05 lbs / .5 lbs**	**$.5270**	**100 / 1000**	**.15 lbs / 1.5 lbs**
		MAB040C (cap only)			AJC040 *AJO040* AJU040 *AJV040* AJG040 *AJY040* AJR040 *AJW040*		
	 +18°	**90º Quarter Circle Fan (Medium-Angle Spray)**			**Assembled With Base**		
		$.23	**100 / 1000**	**.05 lbs / .5 lbs**	**$.5270**	**100 / 1000**	**.15 lbs / 1.5 lbs**
		MAB090C (cap only)			AJC090 *AJO090* AJU090 *AJV090* AJG090 *AJY090* AJR090 *AJW090*		
	 +18°	**180º Fan (Medium-Angle Spray)**			**Assembled With Base**		
		$.23	**100 / 1000**	**.05 lbs / .5 lbs**	**$.5270**	**100 / 1000**	**.15 lbs / 1.5 lbs**
		MAB180C (cap only)			AJC180 *AJO180* AJU180 *AJV180* AJG180 *AJY180* AJR180 *AJW180*		
	 +18°	**180º x 8 Stream (Medium-Angle Spray)**			**Assembled With Base**		
		$.23	**100 / 1000**	**.05 lbs / .5 lbs**	**$.5270**	**100 / 1000**	**.15 lbs / 1.5 lbs**
		MAB188C (cap only)			AJC188 *AJO188* AJU188 *AJV188* AJG188 *AJY188* AJR188 *AJW188*		
	 +18°	**220º Fan (Medium-Angle Spray)**			**Assembled With Base**		
		$.23	**100 / 1000**	**.05 lbs / .5 lbs**	**$.5270**	**100 / 1000**	**.15 lbs / 1.5 lbs**
		MAB220C (cap only)			AJC220 *AJO220* AJU220 *AJV220* AJG220 *AJY220* AJR220 *AJW220*		
	 +18°	**270º Fan (Medium-Angle Spray)**			**Assembled With Base**		
		$.23	**100 / 1000**	**.05 lbs / .5 lbs**	**$.5270**	**100 / 1000**	**.15 lbs / 1.5 lbs**
		MAB270C (cap only)			AJC270 *AJO270* AJU270 *AJV270* AJG270 *AJY270* AJR270 *AJW270*		
	 +18°	**280º Fan (Medium-Angle Spray)**			**Assembled With Base**		
		$.23	**100 / 1000**	**.05 lbs / .5 lbs**	**$.5270**	**100 / 1000**	**.15 lbs / 1.5 lbs**
		MAB280C (cap only)			AJC280 *AJO280* AJU280 *AJV280* AJG280 *AJY280* AJR280 *AJW280*		
	 +18°	**300º x 10 Stream (Medium-Angle Spray)**			**Assembled With Base**		
		$.23	**100 / 1000**	**.05 lbs / .5 lbs**	**$.5270**	**100 / 1000**	**.15 lbs / 1.5 lbs**
		MAB310C (cap only)			AJC310 *AJO310* AJU310 *AJV310* AJG310 *AJY310* AJR310 *AJW310*		
	 +18°	**360º x 12 Stream (Medium-Angle Spray)**			**Assembled With Base**		
		$.23	**100 / 1000**	**.05 lbs / .5 lbs**	**$.5270**	**100 / 1000**	**.15 lbs / 1.5 lbs**
		MAB36CC (cap only)			AJC36C *AJO36C* AJU36C *AJV36C* AJG36C *AJY36C* AJR36C *AJW36C*		
	 +18°	**360º x 15 Stream (Medium-Angle Spray)**			**Assembled With Base**		
		$.23	**100 / 1000**	**.05 lbs / .5 lbs**	**$.5270**	**100 / 1000**	**.15 lbs / 1.5 lbs**
		MAB36FC (cap only)			AJC36F *AJO36F* AJU36F *AJV36F* AJG36F *AJY36F* AJR36F *AJW36F*		
	 0°	**360º x 12 Stream / Grape (Flat Spray)**			**Assembled With Base**		
		$.23	**100 / 1000**	**.05 lbs / .5 lbs**	**$.5270**	**100 / 1000**	**.15 lbs / 1.5 lbs**
		MAB36GC (cap only)			AJC36G *AJO36G* AJU36G *AJV36G* AJG36G *AJY36G* AJR36G *AJW36G*		

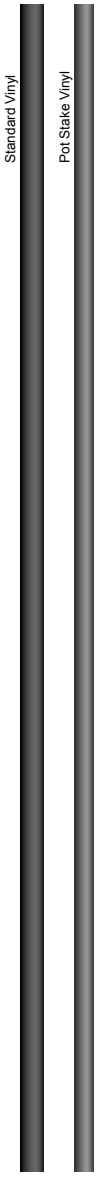
Bases

Product Info: Bases are made of high-quality, UV-inhibiting resins and are used with Caps and Deflectors. ***See page 16 for special contractor pricing.***

	List Price	Bag Qty	Bag Wt	With Deflector	With Cap
	**Deflector / Cap Base**				
	$.24	**100/1000**	**.11 lbs/1.1 lbs**		
	MABBAS *MAOBAS* MAUBAS *MAVBAS* MAGBAS *MAYBAS* MARBAS *MAWBAS*				

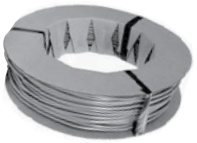
Product Info: Maxijet Standard and Pot Stake Vinyl is made with high-quality UV inhibiting resins and is available in multiple colors.

Vinyl Tubing



	Part No	Description	List Price	Bundle Qty	Wt
		Standard Vinyl Tubing (.145" ID x .295" OD)			
Black	MVB18	18" Cut Black Standard Vinyl Bundle	$.3114	200	10 lbs
	MVB24	24" Cut Black Standard Vinyl Bundle	$.4152	200	14 lbs
	MVB30	30" Cut Black Standard Vinyl Bundle	$.5190	200	17.18 lbs
	MVB36	36" Cut Black Standard Vinyl Bundle	$.6228	100	10.12 lbs
	MVB48	48" Cut Black Standard Vinyl Bundle	$.8304	100	13 lbs
	MVB100B	100' Box — Black Standard Vinyl	$24.30		4 lbs
	MVB500	500' Reel — Black Standard Vinyl	$110.95		17.5 lbs
	MVB500B	500' Box — Black Standard Vinyl	$110.95		18 lbs
	MVB500BKT	500' Bucket — Black Standard Vinyl	$133.95		19.5 lbs
Blue	MVU18	18" Cut Blue Standard Vinyl Bundle	$.333	200	10 lbs
	MVU24	24" Cut Blue Standard Vinyl Bundle	$.444	200	14 lbs
	MVU30	30" Cut Blue Standard Vinyl Bundle	$.555	200	17.18 lbs
	MVU36	36" Cut Blue Standard Vinyl Bundle	$.666	100	10.12 lbs
	MVU48	48" Cut Blue Standard Vinyl Bundle	$.888	100	13 lbs
	MVU100B	100' Box — Blue Standard Vinyl	$25.85		4 lbs
	MVU500	500' Reel — Blue Standard Vinyl	$119.60		17.5 lbs
	MVU500B	500' Box — Blue Standard Vinyl	$119.60		18 lbs
	MVU500BKT	500' Bucket — Blue Standard Vinyl	$138.50		19.5 lbs
Green	MVL100B	100' Box — Green Standard Vinyl	$27.40		4 lbs
	MVL500	500' Reel — Green Standard Vinyl	$127.45		17.5 lbs
	MVL500B	500' Box — Green Standard Vinyl	$127.45		18 lbs
	MVL500BKT	500' Bucket — Green Standard Vinyl	$147.50		19.5 lbs
Tan	MVT100B	100' Box — Tan Standard Vinyl	$31.00		4 lbs
	MVT500	500' Reel — Tan Standard Vinyl	$147.75		17.5 lbs
	MVT500B	500' Box — Tan Standard Vinyl	$147.75		18 lbs
	MVT500BKT	500' Bucket — Tan Standard Vinyl	$152.00		19.5 lbs
White	MVW100B	100' Box — White Standard Vinyl	$31.00		4 lbs
	MVW500	500' Reel — White Standard Vinyl	$147.75		17.5 lbs
	MVW500B	500' Box — White Standard Vinyl	$147.75		18 lbs
	MVW500BKT	500' Bucket — White Standard Vinyl	$152.00		19.5 lbs
		Pot Stake Vinyl Tubing (.140" ID x .240" OD)			
	MVB1000P	1000' Reel — Black Pot Stake Vinyl	$161.45		21 lbs
	MVU1000P	1000' Reel — Blue Pot Stake Vinyl	$161.45		21 lbs

Maxijet Standard Vinyl is available in multiple lengths and dispenser styles.


500 Ft. Reel



500 Ft. Bucket


100 Ft. Box


100 Piece bundles of
36", 48", and 60" Vinyl


200 Piece bundles of
24" and 30" Vinyl

Vinyl Tubing & Extension Adapters

Product Info: Customize any system with these adapters. Threaded adapters may also be used with the Extension Risers (pg10).



Part No	Description	List Price	Bag Qty	Bag Wt
MJBBXB9	Large .195" Barb x .195" Barb	$.18	100 / 500	.25 lbs / 1.3 lbs
MJBBXT9	Large .195" Barb x 10/32" Triple-Lead Threads	$.18	100 / 1000	.11lbs / 1.12lbs
MJBTXT	10/32" Triple-Lead Threads x 10/32" Triple-Lead Threads	$.18	100 / 1000	.10lbs / 1.12lbs
MJBBXB6	Small .180" Barb x .180" Barb	$.18	100 / 500	.25lbs / 1.3 lbs
MJBBXT6	Small .160" Barb x 10/32" Triple-Lead Threads	$.28	100 / 1000	.11lbs / 1.12lbs
MJBBLB7	Elbow — .180" Barb x .180" Barb	$.54	100 / 1000	.19lbs / 2lbs
MJBBTB7	Tee — .180" Barb x .180" Barb	$.54	100 / 1000	.19lbs / 2lbs
MJBBCR8	Cross — .180" Barb x 4	$.82	100 / 1000	.19lbs / 2lbs

Goof Plugs

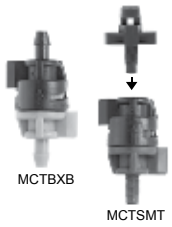
Product Info: Goof plugs are used to plug holes made by mistake or which are left over after moving a jet or dripper to a new location. They can also be used to end a line of Vinyl Tubing.



Part No	Description	List Price	Bag Qty	Bag Wt
MLBLRG	.200" Large Goof plug used to plug .190" and .195" holes	$.16	500	.93 lbs
MLBSML	.185 Small Goof Plug used to plug .160" and .165" holes	$.13	500	1.16 lbs
MABBGP	10/32" Threaded Goof plug used to plug Stakes, Shrub Adapters, and PVC	$.50	100	.25 lbs
MLBLRSM	.155" x .226" Double-Sided Goof Plug used to plug .160" - .195" holes	$.085	100	.12 lbs

PC Flow Controllers

Product Info: Flow Controllers use a small diaphragm to keep GPH and pressure consistent from jet to jet. Flow Controllers are available in seven flow rates from 5.3 GPH to 35 GPH.



Part No	Description	List Price	Bag Qty	Bag Wt
MCTBXB	.180" Barb Inlet x .180" Barb Outlet Flow Controller	$1.84	100	1.15 lbs
MCTTXT	10/32" Thread Inlet x 10/32" Thread Outlet Flow Controller	$1.84	100	1.15 lbs
MCTSMB	.180" Barb Inlet x Stem (for inserting jets) Flow Controller	$2.01	100	1.15 lbs
MCTSMT	10/32" Thread Inlet x Stem (for inserting jets) Flow Controller	$2.01	100	1.15 lbs

Orifice Options - Flow Controllers are available in all orifice sizes [determined by color(see page 1)]. To specify a color when ordering, place the color's coresponding letter (Ex: R = Red) at the end of the part number (Ex: MCTBXB(R) for a Red orifice).

On/Off Valves

Product Info: On/Off Valves allow the water flow from individual jets to be adjusted up and down or turned off completely.



Part No	Description	List Price	Bag Qty	Bag Wt
MJBTMV	10/32" Thread Inlet x 10/32" Thread Outlet On/Off Valve	$.80	100	.53 lbs
MJBBMV9	.160" Barb Inlet x .160" Barb Outlet On/Off Valve	$.80	100	.53 lbs
MJBBTV9	10/32" Thread Inlet x .160" Barb Outlet On/Off Valve	$1.30	100	.53 lbs
MJBSBV	160" Barb Inlet x Stem (for inserting jets) On/Off Valve	$.80	100	.53 lbs
MABADJ	10/32" Thread x Base (for applying a cap) On/Off Valve	$1.16	100	.53 lbs

Vinyl Collars

Product Info: Vinyl Collars are only used with clip stakes and help securely hold jets in the vinyl tubing.


MEB


MOBEXTAB

Part No	Description	List Price	Bag Qty	Bag Wt
Vinyl Collars				
MOB	Orange Vinyl Collar	$.13	100 / 1000	.19 lbs / 1.9 lbs
MEB	Black Vinyl Collar	$.13	100 / 1000	.19 lbs / 1.9 lbs
Tab Collars				
MOBEXTAB	Orange Vinyl Collar with Tab (tab keeps jets from turning)	$.13	100 / 1000	.19 lbs / 1.9 lbs
MEBEXTAB	Black Vinyl Collar with Tab (tab keeps jets from turning)	$.13	100 / 1000	.19 lbs / 1.9 lbs

Micro Filter

Product Info: The Micro Filter has an 80 mesh screen for filtering dirt, debris, and ants.



Part No	Description	List Price	Bag Qty	Bag Wt
MJFSMT	10/32" Thread Inlet x Stem (for inserting jets) Micro Filter	$1.25	100	1.55 lbs

Tools

Product Info: Maxijet Tools assist with everything from installation to assembly and cleaning.


MJTOOL


AKULGAA


AKOSMAPROS


AKYSMASH


MKOSPT


MKUDEF


MKZLRGT MKZSMLT MKZSMLTH

Part No	Description	List Price	Bag Qty	Bag Wt
MJTOOL	Multi Tool with Orifice Cleaner and Hole Punch (for 1/2" Poly ONLY)	$10.00	20	1.89 lbs
AKULGAA	Large Ag Punch Tool with Metal Tip (for .195 Barbs)	$12.50	20	1.9 lbs
AKOSMAPROS	Small Ag Punch Tool with Metal Tip and Hex Wrench (for .160 - .180 Barbs)	$12.50	20	1.9 lbs
AKYSMASH	Small Yellow Ag Punch Tool with bored Metal Tip and Hex Wrench	$18.10	20	1.9 lbs
MKOSPT	Small Plastic Tip Punch Tool (for .160 - .180 Barbs)	$3.75	25	1.48 lbs
MKUDEF	Deflector Tool used to assemble / disassemble Deflectors and Bases	$7.89	25	1.48 lbs
Replacement Parts				
MKZLRGT	Metal Replacement Tip for AKULGAA	$6.50	200	2.1 lbs
MKZSMLT	Metal Replacement Tip for AKOSMAPROS	$6.50	200	1.75 lbs
MKZSMLTH	Metal Replacement Tip for AKYSMASH	$12.00	200	1.9 lbs

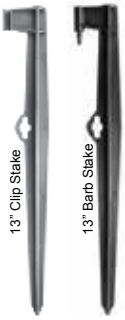
Jet Cleaning Tools


AKY3CLTQ


XJ-AKY3CLTQ

AKY3CLTQ	Cleaning Tool for Blue Orifices and Larger	$2.55	100	.35 lbs
AKY3CLTK	Cleaning Tool for Black Orifices and Larger	$2.55	100	.35 lbs
Bulk Jars - 50 Count				
XJ-AKY3CLTQ	Cleaning Tool for Blue Orifices and Larger - Jar of 50	$131.50	50	.55 lbs
XJ-AKY3CLTK	Cleaning Tool for Black Orifices and Larger - Jar of 50	$131.50	50	.55 lbs

Product Info: These Stakes are 13" tall and are made with high-quality, UV-inhibiting resins. ***See page 16 for special contractor pricing.***

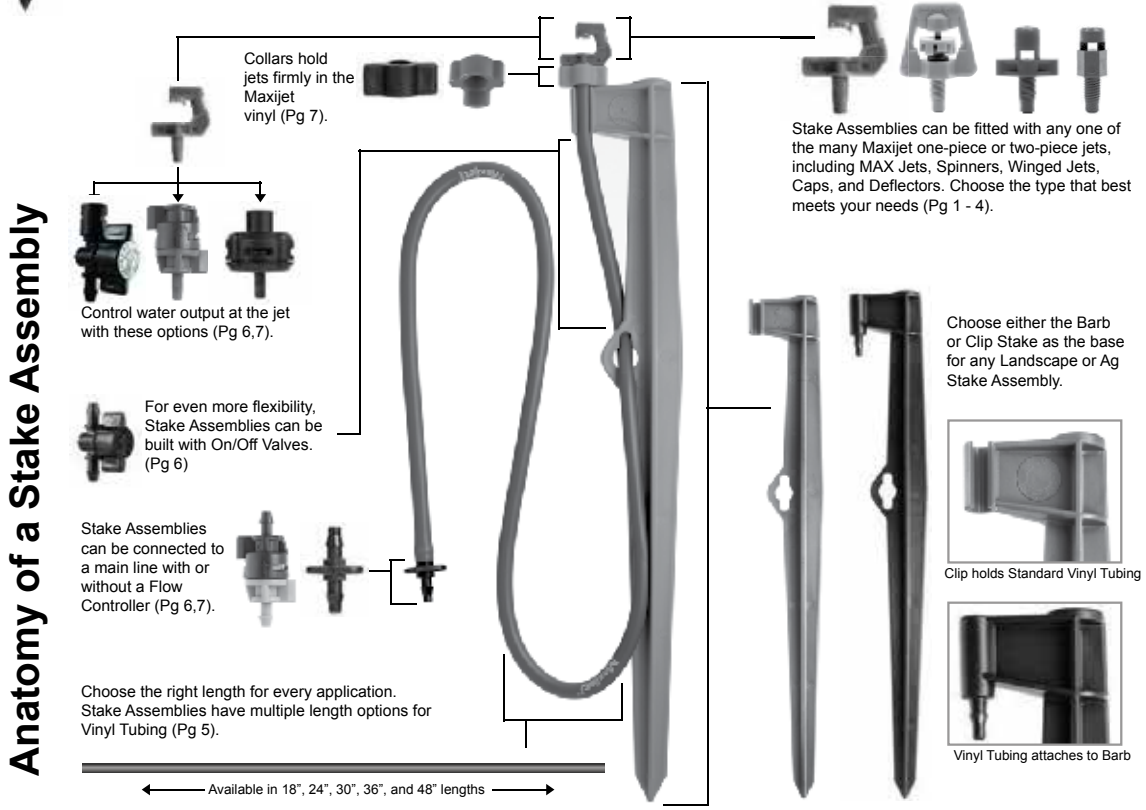




Part No	Description	List Price	Box Qty	Box Wt
All of the Stakes below will use our Standard Vinyl Tubing (.145 ID x .295 OD)				
13" Clip Stakes				
MSBCLP	Black Clip Stake	$.84	400	27.5 lbs
MSLCLP	Green Landscape Clip Stake (Trademarked Color)	$.96	400	27.5 lbs
MSOCLP	Orange Clip Stake (Trademarked Color)	$.94	400	27.5 lbs
MSTCLP	Tan Clip Stake (Trademarked Color)	$.96	400	27.5 lbs
MSVCLP	Violet Clip Stake	$.99	400	27.5 lbs
13" Barb Stakes				
MSBBRB	Black Barb Stake	$.84	400	27.5 lbs
MSLBRB	Green Landscape Barb Stake (Trademarked Color)	$.96	400	27.5 lbs
8" Shorty Clip Stakes				
MSBCLP-S	Black Shorty Clip Stake	$.75	500	24.2 lbs
MSOCLP-S	Orange Shorty Clip Stake	$.85	500	24.2 lbs

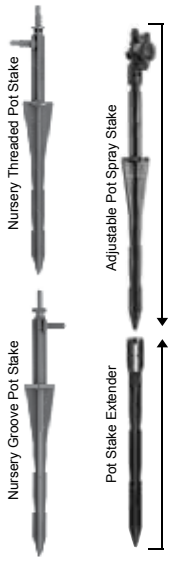
Stake Assemblies - Please call to inquire about options and pricing. Stake Assemblies can be customized to meet specific needs. See page 16 for special contractor pricing.

Anatomy of a Stake Assembly



Nursery Pot Stakes

Product Info: These Stakes are made with high-quality UV inhibiting resins and are used primarily with potted plants in nurseries. (patent # 7,004,403)



Part No	Description	List Price	Box Qty	Box Wt
Nursery Threaded Pot Stake				
MSBNPST	Black Nursery Threaded Pot Spray Stake / .03" Orifice / 6.4 GPH @ 20 PSI	$.30	500	11.5 lbs
MSUNPST	Blue Nursery Threaded Pot Spray Stake / .04" Orifice / 10.5 GPH @ 20 PSI	$.30	500	11.5 lbs
MSGNPST	Green Nursery Threaded Pot Spray Stake / .05" Orifice / 16 GPH @ 20 PSI	$.30	500	11.5 lbs
Nursery Groove Pot Stake				
MSONGST	Rust Nursery Groove Pot Spray Stake / 4.2 GPH @ 20 PSI	$.30	500	11.5 lbs
MSLNGST	Lime Green Nursery Groove Pot Spray Stake / 6.6 GPH @ 20 PSI	$.30	500	11.5 lbs
MSGNGST	Green Nursery Groove Pot Spray Stake / 11.4 GPH @ 20 PSI	$.30	500	11.5 lbs
MSBNGST	Black Nursery Groove Pot Spray Stake / 15 GPH @ 20 PSI	$.30	500	11.5 lbs
MSWNGST	Brown Nursery Groove Pot Spray Stake / 6.6 GPH @ 20 PSI / 90º Downspray	$.30	500	11.5 lbs

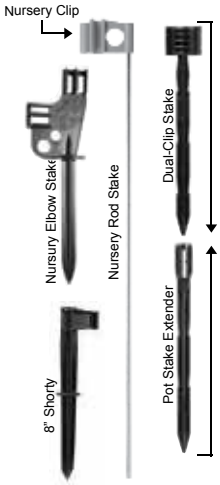
Use PE (Polyethylene) Tubing size .125 ID x .187 OD with our Groove Pot Stakes. We do not manufacture this PE Tubing.

Adjustable Pot Spray Stake				
MSBNPSTV	Adjustable Pot Spray Stake with On/Off Valve - Adjusts from 0 to 8 GPH	$1.40	1000	28.4 lbs
Pot Stake Extender				
MSBNPE	6" Pot Stake Extender	$.30	1000	11.5 lbs

Pot Stake Assemblies - Please call to inquire about options and pricing. Pot Stake Assemblies can be customized to meet specific needs.

Nursery Elbow / Rod / Dual-Clip / Shorty Stakes

Product Info: These Stakes are made with high-quality UV inhibiting resins and are used primarily in nurseries.



Part No	Description	List Price	Qty	Wt
Nursury Elbow Stake				
MSBELB	Black 6" Elbow Stake / Accommodates .235 OD and .295 OD Vinyl	$.55	(Bag) 25	.80 lbs
MSOELB	Orange 6" Elbow Stake / Accommodates .235 OD and .295 OD Vinyl	$.62	(Bag) 25	.80 lbs
Nursery Rod Stake				
MYB	Black Clip for Nursery Rod Stake	$.30	(Bag) 1000	.12 lbs
MYO	Orange Clip for Nursery Rod Stake	$.30	(Bag) 1000	.12 lbs
MROD12	12" Galvanized Metal Rod for Nursery Rod Stake	$.32	(Bundle) 100	3.1 lbs
MROD18	18" Galvanized Metal Rod for Nursery Rod Stake	$.43	(Bundle) 100	4.45 lbs
Dual-Clip Stake				
MSBCLP-D	Black 6" Dual-Clip Stake / Accommodates .235 OD and .295 OD Vinyl	$.30	(Box) 500	11 lbs
MSOCLP-D	Orange 6" Dual-Clip Stake / Accommodates .235 OD and .295 OD Vinyl	$.31	(Box) 500	11 lbs
Pot Stake Extender				
MSBNPE	6" Pot Stake Extender	$.30	(Box) 500	11 lbs
8" Shorty Clip Stakes				
MSBCLP-S	Black Shorty Clip Stake	$.75	500	24.2 lbs
MSOCLP-S	Orange Shorty Clip Stake	$.85	500	24.2 lbs

Elbow, Rod, Dual-Clip, and Shorty Stake Assemblies - Please call to inquire about options and pricing. Assemblies can be customized to meet specific needs.

Vertical Hang Assembly

Product Info: These assemblies are used primarily in nurseries and greenhouses. They hang above the plants and spray from the top down.

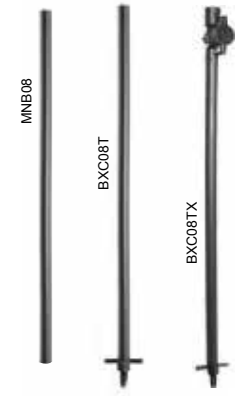


Part No	Description	List Price	Box Qty	Box Wt
Vertical Hang Weights				
MWO35	.05 lbs 4” Orange Weight	$.51	450	21.65 lbs
MWB35	.05 lbs 4” Black Weight	$.51	450	21.65 lbs
MWU2	.1 lbs 2” Blue Weight	$.51	200	19.55 lbs
Vertical Hang Check Valves				
MJBCVBXS	Barb X Stem Check Valve	$3.75	100	3.25 lbs
MJBCVTXS	10/32” NFT X Stem Check Valve	$3.75	100	3.25 lbs

Vertical Hang Assemblies - Please call to inquire about options and pricing. Vertical Hang Assemblies can be customized to meet specific needs.

Extension Risers

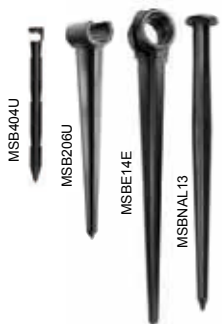
Product Info: Extension Risers can be used to extend the height of a stake assembly or inserted directly into poly or PVC.



Part No	Description	List Price	Bag Qty	Bag Wt
Extension Risers (No Threads)				
MNB04	4” Rigid Extension	$.115	100	.66 lbs
MNB06	6” Rigid Extension	$.145	100	1 lbs
MNB08	8” Rigid Extension	$.19	100	1.3 lbs
MNB12	12” Rigid Extension	$.29	100	1.9 lbs
MNB18	18” Rigid Extension	$.44	100	2.9 lbs
Extension Riser Assemblies				
BXC04T	4” Rigid Extension with 10/32” Triple-Lead Threads	$.3520	50	.4 lbs
BXC06T	6” Rigid Extension with 10/32” Triple-Lead Threads	$.3820	50	.5 lbs
BXC08T	8” Rigid Extension with 10/32” Triple-Lead Threads	$.4270	50	1.5 lbs
BXC12T	12” Rigid Extension with 10/32” Triple-Lead Threads	$.5270	50	2 lbs
BXC18T	18” Rigid Extension with 10/32” Triple-Lead Threads	$.6770	50	2.55 lbs
BXC08TX	8” Rigid Extension / On/Off Valve / 10/32” Triple-Lead Threads	$1.3326	50	2 lbs
BXC12TX	12” Rigid Extension / On/Off Valve / 10/32” Triple-Lead Threads	$1.4326	50	2.5 lbs

Support / End / Nail Stakes

Product Info: Support and End Stakes help hold Poly and Vinyl Tubing in place while Nail Stakes are ideal for securing ground cover.



Part No	Description	List Price	Box Qty	Box Wt
Support Stakes				
MSB404U	Support Stake for Maxijet Standard Vinyl Tubing	$.30	2000	33.65
MSB206U	Support Stake for 1/2” Poly Tubing	$1.00	600	24 lbs
End Stakes				
MSOE14E	Orange 14” End Stake for 3/4” and 1” Poly Tubing	$2.90	150	25 lbs
MSBE14E	Black 14” End Stake for 3/4” and 1” Poly Tubing	$2.50	150	25 lbs
MSOE18E	Orange 18” End Stake for 3/4” and 1” Poly Tubing	$3.75	100	21 lbs
MSBE18E	Black 18” End Stake for 3/4” and 1” Poly Tubing	$2.90	100	21 lbs
Nail Stake				
MSBNAL13	13” Nail Stake (patent # 378,890)	$1.99	1	.1 lbs

Drippers / PC Drippers / Adjustable Drippers

Product Info: Drippers deliver small, consistent amounts of water. Adjustable Drippers can be turned off or adjusted from a 1 GPH drip up to small 10 GPH 8-stream spray.


MBD5DR


MBDADRB


MBDADRT


MBDAST

Part No	Description	List Price	Bag Qty	Bag Wt
Drippers				
MBD5DR	1/2 GPH Dripper	$.57	100	.25 lbs
MBD1DR	1 GPH Dripper	$.57	100	.25 lbs
MBD2DR	2 GPH Dripper	$.57	100	.25 lbs
Pressure Compensating Drippers				
MBD5PC	1/2 GPH Pressure Compensating Dripper	$.88	100	.25 lbs
MBD1PC	1 GPH Pressure Compensating Dripper	$.88	100	.25 lbs
MBD2PC	2 GPH Pressure Compensating Dripper	$.88	100	.25 lbs
Adjustable Drippers				
MBDADRB	Adjustable Dripper with .160" Barb Inlet	$.84	100	.35 lbs
MBDADRT	Adjustable Dripper with 10/32" Triple-Lead Thread Inlet	$.84	100	.45 lbs
MBDAST	Adjustable Dripper Stake with detatchable 1/4" Coupler	$1.18	100	1.25 lbs

Pressure Regulators

Product Info: These high-quality regulators can be buried and have a maximum operating pressure of 70 PSI.



Part No	Description	List Price	Bag Qty	Bag Wt
MMB06P	6 PSI 3/4" Pipe Thread Pressure Regulator	$17.25	5	.7 lbs
MMB10P	10 PSI 3/4" Pipe Thread Pressure Regulator	$17.25	5	.7 lbs
MMB15P	15 PSI 3/4" Pipe Thread Pressure Regulator	$17.25	5	.7 lbs
MMB20P	20 PSI 3/4" Pipe Thread Pressure Regulator	$17.25	5	.7 lbs
MMB25P	25 PSI 3/4" Pipe Thread Pressure Regulator	$17.25	5	.7 lbs
MMB30P	30 PSI 3/4" Pipe Thread Pressure Regulator	$17.25	5	.7 lbs

Flush Valves

Product Info: These Flush Valves are made of high-quality UV inhibiting resins and are available with with female hose or pipe threads.


AFO5PSL


MFRSPR2

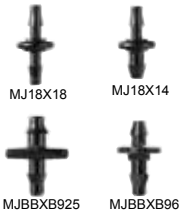

MFUPLG2


MFUWSH2

Part No	Description	List Price	Bag Qty	Bag Wt
AFO2PSU	2 PSI 3/4" FPT Auto Flush Valve (also available in box quantities)	$2.50	100	3 lbs
AFO5PSL	5 PSI 3/4" FPT Auto Flush Valve (also available in box quantities)	$2.50	100	3 lbs
AFC2HSU	2 PSI 3/4" FHT Auto Flush Valve (also available in box quantities)	$2.50	100	3 lbs
AFC5HSL	5 PSI 3/4" FHT Auto Flush Valve (also available in box quantities)	$2.50	100	3 lbs
Replacement Parts				
MFRSPR2	2 lbs Spring used with Blue Plunger and Blue O-Ring	$.20	100	.05 lbs
MFSSPR5	5 lbs Spring used with Black Plunger and Black O-Ring	$.20	100	.05 lbs
MFBPLG5	Black Plunger	$.48	100	.2 lbs
MFUPLG2	Blue Plunger	$.48	100	.2 lbs
MFBWSH5	Black O-Ring Washer™	$.30	100	.3 lbs
MFUWSH2	Blue O-Ring Washer™	$.30	100	.3 lbs

Specialty Adapters

Product Info: These adapters are used to connect Standard and Pot Stake Vinyl Tubing to poly tubing which has been punched with larger or smaller holes, or to adapt Maxijet Vinyl to the tubing of other manufacturers.



Part No	Description	List Price	Bag Qty	Bag Wt
MJ18X18	1/8” Barb x 1/8” Barb Coupler for PE tubing	$.26	100	.15 lbs
MJ18X14	1/8” Barb x 1/4” Barb Coupler for connecting PE tubing to Maxijet vinyl	$.26	100	.15 lbs
MJBBXB925	.225” Barb x .195” Barb converts Dan® and Eintel® vinyl to Maxijet vinyl	$.70	100	.27 lbs
MJBBXB96	.195” Barb x .180” Barb	$.36	100	.2 lbs

Dan® / Eintel® Stake Adapters

Product Info: Convert Dan® and Eintel® Stakes to maxijet with these adapters.



Part No	Description	List Price	Bag Qty	Bag Wt
MEDAN	Adapts Dan® Stakes for use with Maxijet Jets	$.37	100	.2 lbs
MJOEDA	Adapts Dan® and Eintel® Stakes for use with Maxijet Jets	$.70	N/A	N/A

Budding Accessories

Product Info: These clips and ties are made with high-quality UV inhibiting resins.



Part No	Description	List Price	Box Qty	Box Wt
MPT	Tree Tie	$.075	10,000	13 lbs
MPOBCLP	Orange Budding Clip	$.40	100	.15 lbs
MPBBCLP	Black Budding Clip	$.40	100	.15 lbs

PVC Retrofit Saddles

Product Info: PVC Saddles are constructed of high-quality UV inhibiting resins and allow Vinyl Tubing to be connected directly to PVC.



Part No	Description	List Price	Bag Qty	Bag Wt
MJB12B6	1/2” PVC Saddle with .180” Barb Outlet	$.40	100	.8 lbs
MJB12B9	1/2” PVC Saddle with .195” Barb Outlet	$.40	100	.8 lbs
MJB34B9	3/4” PVC Saddle with .195” Barb Outlet	$.50	100	1 lbs

Rainbird® / Toro® Retrofit Top Hat Jets

Product Info: Made of high-quality, UV-inhibiting resins. Top Hat Jets are not available with all orifice sizes. Please review part numbers for availablility.
See page 16 for special contractor pricing.

List Price	Bag Qty	Bag Wt	Spray Pattern	Spray Angle



20º x 2 Center-Strip Top Hat Jet (2'-3' Wide Flat Pattern)

$.74	100	.5 lbs

MAU040H *MAG040H* MAR040H





90º Quarter Circle Top Hat Jet (Flat Spray)

$.74	100	.5lbs

MAU090H *MAG090H* MAR090H







180º Half Circle Top Hat Jet (Flat Spray)

$.74	100	.5 lbs

MAU180H *MAG180H* MAR180H







340º Full Circle Top Hat Jet (Flat Spray)

$.74	100	.5lbs

MAU340H *MAG340H* MAR340H







Full Circle Top Hat Spinner (360º x 8 Stream / Flat Spray)

$2.50	100	.5 lbs

MAU360H8F *MAG360HH8Z* MAR360H8A





Rainbird® Pop-Up Retrofit Adapters

Product Info: These Pop-Up Adapters convert high-volume Toro® Pop-Up Sprinklers to low-volume. They also work with the following brands: Hunter®, Irritrol®, Buckner®, Nelson®, and Champion®. (Patent # 5,265,803)

Part No	Description	List Price	Bag Qty	Bag Wt
MDBRNB	Rainbird® Pop-Up Adapter only (No Filter)	$1.05	100	.55 lbs
BRCF	Rainbird® Pop-Up Adapter with white filter screen	$2.2070	100	.7 lbs
BRCUF	Rainbird® Pop-Up Adapter with Blue P.C. Filter Screen	$3.2084	100	.7 lbs
BRCGF	Rainbird® Pop-Up Adapter with Green P.C. Filter Screen	$3.2084	100	.7 lbs
BRCRF	Rainbird® Pop-Up Adapter with Red P.C. Filter Screen	$3.2084	100	.7 lbs



Pop-Up Adapter Assemblies - Please call to inquire about options and pricing. Adapters can be assembled with any filter screen / Top Hat Jet combination.

Toro® Pop-Up Retrofit Adapters

Product Info: These Pop-Up Adapters convert high-volume Toro® Pop-Up Sprinklers to low-volume. They also work with the following brands: Hit® and K-Rain®. (Patent # 5,265,803)

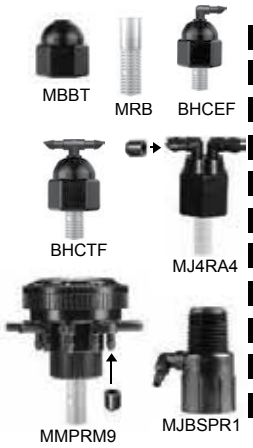
Part No	Description	List Price	Bag Qty	Bag Wt
MDBTRO	Toro® Pop-Up Adapter Only (No Filter)	$1.05	100	.7 lbs
BTCF	Toro® Pop-Up Adapter with White Filter Screen	$2.2070	100	.8 lbs
BTCUF	Toro® Pop-Up Adapter with Blue P.C. Filter Screen	$3.2084	100	.8 lbs
BTCGF	Toro® Pop-Up Adapter with Green P.C. Filter Screen	$3.2084	100	.8 lbs
BTCRF	Toro® Pop-Up Adapter with Red P.C. Filter Screen	$3.2084	100	.8 lbs



Pop-Up Adapter Assemblies - Please call to inquire about options and pricing. Adapters can be assembled with any filter screen / Top Hat Jet combination.

PVC Retrofit Sprinkler Adapters / Converters

Product Info: These Sprinkler Adapters and Converters are constructed of high-quality UV inhibiting resins and are used to convert high-volume PVC systems to low-volume.



Part No	Description	List Price	Bag Qty	Bag Wt
MBBT	1/2" FPT Shrub Adapter Only (No Filter)	$.86	50	.12 lbs
MRB	White Filter Screen	$1.10	100	.19 lbs
BHCF	1/2" FPT Shrub Adapter with White Filter Screen	$2.0170	50	.14 lbs
BHCUF	1/2" FPT Shrub Adapter with Blue P.C. Filter Screen	$3.0184	50	.18lbs
BHCGF	1/2" FPT Shrub Adapter with Green P.C. Filter Screen	$3.0184	50	.18 lbs
BHCRF	1/2" FPT Shrub Adapter with Red P.C. Filter Screen	$3.0184	50	.18 lbs
BHCEF	1/2" FPT Shrub Adapter with .180" Barb Outlet and Filter Screen	$2.6626	50	.93 lbs
BHCTF	1/2" FPT Shrub Adapter w/ Two .180" Barb Outlets and Filter Screen	$2.6626	50	.93 lbs
MJ4RA4	1/2" FPT Shrub Adapter w/ Four .180" Barb Outlets, Filter Screen, & Caps	$5.06	50	.93 lbs
MMPRM9	1/2" FPT Converter w/ Nine .160" Barb Outlets, Filter Screen, and Caps	$21.05	1	.06 lbs
MJBSPR1	1/2" FPT x 1/2" MPT Adapter with .180" Barb Outlet	$3.70	50	1.3 lbs

1/2" Poly Retrofit Adapters

Product Info: Use these Adapters to connect and retrofit Maxijet products to an existing PVC system.



Part No	Description	List Price	Box Qty	Box Wt
Pipe Thread				
MJP2P	1/2" MPT x 1/2" Locking Collar Fitting	$1.72	50	1.5 lbs
MJP2PTEE	1/2" MPT x 1/2" Locking Collar Tee Fitting	$2.46	50	2.8 lbs
MJP2PELB	1/2" MPT x 1/2" Locking Collar Elbow Fitting	$1.90	50	1.9 lbs
MJP2HTE	1/2" MPT x 3/4" MHT Elbow Fitting	$1.53	50	1.9 lbs
Hose Thread				
MJP2HTTEE	3/4" MHT x 1/2" Locking Collar Tee Fitting	$2.50	50	2.8 lbs
MJP2HTELB	3/4" MHT x 1/2" Locking Collar Elbow Fitting	$1.90	50	1.9 lbs

Hose Thread Faucet Adapters

Product Info: These Hose Thread Faucet Adapters are constructed of high-quality UV inhibiting resins and are used with the MHT adapters above (MJP2HTTEE & MJP2HTELB).



Part No	Description	List Price	Bag Qty	Bag Wt
MJFAC4-8C	8 Outlet Faucet Converter w/ Hose Thread & 4 Caps	$4.52	1	.08 lbs
MJFAC3-4C	4 Outlet Faucet Converter w/ Hose Thread & 3 Caps	$5.46	1	.08 lbs
MJBFF	3/4" FHT x .195" Barbed Outlet Faucet Adapter	$1.78	50	1.13 lbs

1/2” Poly Tubing

Product Info: Maxijet 1/2” Poly Tubing is constructed of high-quality, UV inhibiting resins, capable of handling years of wear and exposure in the field. This tubing can be buried or left above ground.


MXB50

Part No	Description	List Price	Qty	Wt
MXB50	50’ Coil of 1/2” Poly Tubing	$19.00	1	2 lbs
MXB100	100’ Coil of 1/2” Poly Tubing	$36.40	1	4.26 lbs
MXB500	500’ Coil of 1/2” Poly Tubing	$138.25	1	24 lbs
MXB1000	1,000’ Coil of 1/2” Poly Tubing	$272.50	1	48 lbs

1/2” Poly Fittings

Product Info: Customize any 1/2” Poly micro spray or drip system system using these reusable fittings.


MJBTF


MJBEF


MJBCF

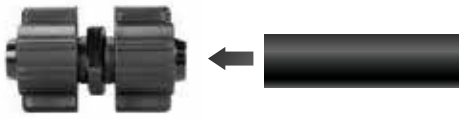

MJB8F


MJENDCAP

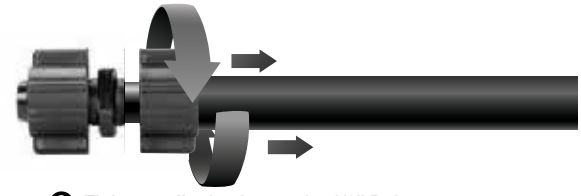

MJBBPV5

Part No	Description	List Price	Bag Qty	Bag Wt
MJBTF	1/2” Poly Tee with Locking Collars	$2.77	50	2.58 lbs
MJBEF	1/2” Poly Elbow with Locking Collars	$2.21	50	1.7 lbs
MJBCF	1/2” Poly Coupling with Locking Collars	$1.90	50	1.4 lbs
MJB8F	1/2” Poly End Crimper	$.60	100	1.06 lbs
MJENDCAP	1/2” Poly Locking Collar x 3/4” Male Hose Thread Fitting with End Cap	$3.63	50	2.64 lbs
MJBBPV5	1/2” Poly On/Off Valve w/ Locking Collar	$5.15	40	2.7 lbs

Installing Locking Collar Fittings



1. Push 1/2” Poly over the built-in O-Ring



2. Tighten collar back over the 1/2” Poly

Faucet Adapters

Product Info: These Faucet Adapters are made with high-quality UV inhibiting resins.


MMAVB


MJBHF


MJBFF

Part No	Description	List Price	Bag Qty	Bag Wt
MMAVB	3/4” FHT x 3/4” MHT Atmospheric Vacuum Breaker	$5.79	25	1.46 lbs
MJBHF	3/4” FHT x 1/2” Poly Locking Collar Faucet Adapter	$2.68	50	1.76 lbs
MJBFF	3/4” FHT x .195” Barb Outlet Faucet Adapter	$1.78	50	1.13 lbs


FULL COVERAGE IRRIGATION
ROTATOR®
TECHNOLOGY







NELSON


PROBLEM
"We have to keep the water off the fruit. What low trajectory product would you recommend?"
SOLUTION
"The R2000 Rotator® has a 6-degree plate option that can help you. It's a low application rate, full coverage product that is 30 years field-proven."
BENEFITS BEYOND WHAT PART-COVERAGE, DRIP, OR SPRAY JET IRRIGATION SYSTEMS HAVE TO OFFER
- Reduced tree stress during periods of heat or harvest
- Ability to establish and maintain a healthy cover crop
- Improved water infiltration and reduced ponding
- Prevention of soil cracking
- Environmental control: cooling and dust suppression
- Improved effectiveness of chemical and fertilizer applications
- Salinity management
- Increased overall nutrient availability

Nelson

ROTATOR® TECHNOLOGY

HIGH UNIFORMITY
NO RISER VIBRATION
EASY TO CLEAN & REPAIR
LONG WEAR LIFE
NO SEALS UNDER PRESSURE

CHOOSE A MODEL BASED ON TRAJECTORY, FLOW AND/OR THROW.



	R5	R10	R10T	R2000	R2000WF/LP	R33/R33LP
FLOW	9 to 29 GPH 34 to 110 LPH	0.3 to 0.7 GPM 61 to 159 LPH	0.6 to 2.1 GPM 140 to 469 LPH	0.7 to 3.5 GPM 150 to 792 LPH	0.9 to 5.7 GPM 201 to 1295 LPH	2.9 to 9.6 GPM 659 to 2182 LPH
RADIUS	7 to 18' 2.1 to 5.5 m	18 to 27' 5.5 to 8.2 m	20 to 33' 6.1 to 10.1 m	21 to 37' 6.4 to 11.3 m	31 to 45' 9.4 to 13.7 m	37 to 51' 11.3 to 15.5 m
TRAJECTORY	6°, 9° & Inverted 6°	9° & 15°	9°, 15° & 24°	6°, 9°, 12°, 15° & 24°	25°	25°

CHOOSE FROM THESE ROTATOR® SPRINKLERS FOR UNDER-TREE IRRIGATION AND ENVIRONMENTAL CONTROL OF TREE FRUIT, VINE, TREE NUT CROPS (USE LOW TRAJECTORY PLATES) – AND OVERHEAD IRRIGATION, COOLING AND ENVIRONMENTAL CONTROL IN TREE, VINE, SMALL FRUIT AND NURSERY CROPS.

SYSTEM TYPES INCLUDE SOLID SET USING EITHER PVC PIPE OR POLYETHYLENE PIPE LATERALS, AND PORTABLE PIPES INCLUDING ALUMINUM, POLYETHYLENE AND PVC.

OVERHEAD IRRIGATION, COOLING AND ENVIRONMENTAL CONTROL FOR NURSERY CROPS, TREE, VINE, SMALL FRUIT AND BERRY CROPS. REVEGETATION, MINING AND OTHER SPECIALTY USES. SYSTEM TYPES INCLUDE: PORTABLE PIPE SUCH AS ALUMINUM, POLYETHYLENE, AND PVC. SIDE ROLL AND PERMANENT SOLID SET SYSTEMS.

NELSON

PROBLEM
"I'm putting in some hazelnut trees, and I'd like to plant strawberries as a cover crop to have an income before the hazelnuts start producing.

SOLUTION
"The R10 or R10T is a perfect fit for hazelnut orchards. A low application, full coverage irrigation system is ideal for trees and growing a cover crop.

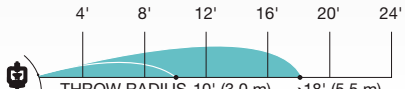
HOW TO ORDER

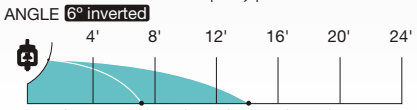
9836-XXX

PLATE	NOZZLE	FLOW CONTROL NOZZLE
Green 9° = 1	*35 Orange	*09 (8.5) GPH Orange
Wine 5° = 2	*40 Blue	*11 GPH Blue
Blue 6° = 3	*45 Purple	*14 GPH Purple
	*50 Green	*18 GPH Yellow
	*55 Yellow	*24 GPH Red



R5








DESCRIPTION	Standard R5 Assembly including Plate & Nozzle	R5 Assembly including Plate & FCN Nozzle
PART NO.	9836-XXX	9836-XXX
BOX	12x12x5"	12x12x5"
QTY/BOX	1000	200/1000
LBS/BOX	7	7
1-4,999	$2.83	$3.39
5,000-19,999	$2.79	$3.34
20,000-49,999	$2.75	$3.29
50,000-99,999	$2.71	$3.24
100,000 & OVER	$2.66	$3.19

Specify plates and nozzles from above left.

MICRO IRRIGATION + FULL COVERAGE

The **R5 ROTATOR** is the only micro sprinkler to combine the low flow capability of drip/micro with the throw and uniformity performance of a Rotator®. For maximum durability, choose the heavy-duty "pop-up" version.

ACCESSORIES









DESCRIPTION	Acme x Drip Configuration		R5 Deflector Cap (Shown on R5 w/ 10616)	R5 1-Sided Stream Splitter (Shown on R5 w/ 10616)	R5 2-Sided Stream Splitter (Shown on R5 w/ 10616)	Female Acme x R5 adapter
PART NO.	12431	11271 or 11258	10951	10746	10976	10616
	Female acme x barbed tee to alternate Rotator sprinklers & drip. (500/box, 6 lbs./box, 12x12x5")	PVC Stake Adapter	Reduce the R5 radius down to 3-4 feet (0.9-1.2 m) for watering newly planted trees.	Protects tree trunks – use when R5s are mounted 2-4 feet (0.6-1.2 m) from a tree.	Protects tree trunks – use when R5 Rotators are centered between two trees.	Connect the R5 sprinkler to Acme Adapter threads.
PRICE	$0.58	See pages 41-42	$0.28	$0.65	$0.46	$0.51








DESCRIPTION	R5 Installation Tool	Male Acme X PVC Socket Adapter	Male Acme X MNPT Adapter	Threaded Cap for Acme Adapter	Female Acme X 1/2" PVC Spigot	Pressure Gauge Tap Kit
PART NO.	11108	1/2" - 10060-001 3/4" - 10060-002 25 mm - 10060-003 Use w/ 10616	3/8" - 9465 1/2" - 9316-002 3/4" - 9466 Use w/ 10616.	10615	10352	10366-001 0-60 PSI 10366-002 0-100 PSI 10366-003 0-160 PSI
	Make installing the R5 sprinkler simple.			Connects to Acme thread and acts as a shut off cap.	Enables easy attachment to a PVC riser. (300/box, 5 lbs./box, 8x8x6")	
PRICE	$21.49	See qty. prices pg. 31	See qty. prices pg. 31	$0.85	$0.87	$49.17

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R10

9913-XXXX (NOZZLE)

THREAD	PLATE
3/8"= 0	Red = 1
1/2"= 1	White = 2
Acme = 2	Orange = 7

EXAMPLE:
R10 Rotator® with 1/2" Thread (1), White Plate (2) and Red #60 Nozzle (60) = #9913-1260



PLATE OPTIONS	NOZZLE OPTIONS	FLOW @ 35 PSI (2.5 BAR)
P2		
P2 9° Red *9460	Lt. Blue *40 *9306-040	0.28 GPM (64.7 LPH)
	Lt. Purple *45 *9306-045	0.35 (80.6)
	Dk. Green *50 *9306-050	0.43 (99.4)
	.35 10FC	0.35 (79.8)
NEW!!	.43 10FC	0.43 (99.4)
P4		
P4 9° White *9208	Dk. Green *50 *9306-050	0.43 (99.4)
	Lt. Yellow *55 *9306-055	0.52 (120)
P4 15° Orange *10882	Lt. Red *60 *9306-060	0.61 (141)
	.50 10FC	0.50 (114)

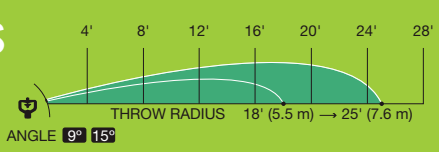
Flow in GPM (LPH).

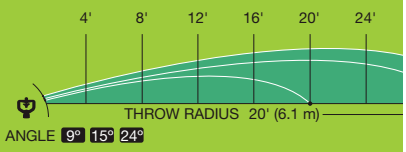
Assembled R10 Body, Plate & Flow Control Nozzle

9587-351	R10 1/2", P2 9° RED PLATE, .35 10FC
9587-352	R10 ACME, P2 9° RED PLATE, .35 10FC
9587-431	R10 1/2", P2 9° RED PLATE, .43 10FC
9587-432	R10 ACME, P2 9° RED PLATE, .43 10FC
9587-501	R10 1/2", P4 9° WHITE PLATE, .50 10FC
9587-502	R10 ACME, P4 9° WHITE PLATE, .50 10FC
9587-601	R10 1/2", P4 15° ORANGE PLATE, .50 10FC
9587-602	R10 ACME, P4 15° ORANGE PLATE, .50 10FC

ULTRA-RELIABLE, LOW-VOLUME SPRINKLERS

Filling the need for small, low-volume sprinklers that perform reliably in the mid-range between micro and a regular size sprinkler, R10 & R10T Rotators are right on target.





R10T

9914-XXXX (NOZZLE)

THREAD	PLATE
3/8"= 0	Blue = 3
1/2"= 1	Purple = 4
Acme = 2	Brown = 5
	Gold = 6

EXAMPLE:
R10T Rotator® with Acme Thread (2), Brown Plate (5) and Purple #12 Nozzle (94) = #9914-2594



PLATE OPTIONS	NOZZLE OPTIONS	FLOW @ 35 PSI (2.5 BAR)
P6		
P6 9° Blue *9350	Gray *65 / *8.3 *9306-065	0.72 GPM (166LPH)
	White *70 / *9 *9306-070	0.83 (192)
P6 15° Purple *9723	Dk. Blue *78 / *10 *9306-078	1.05 (242)
	.75 10FC	0.75 (170)
	1.0 10FC	1.00 (227)
P8		
P8 15° Gold *10684	Orange *86 / *11 *9306-086	1.27 (294)
	Purple *94 / *12 *9306-094	1.50 (347)
P8 24° Brown *10601	Yellow *102 / *13 *9306-102	1.78 (411)
	1.25 10FC	1.25 (284)
	1.50 10FC	1.50 (341)
	Dk. Blue *78 / *10 and 1.0 10FC for use with P8 24° plate only.	

Flow in GPM (LPH).

Assembled R10T Body, Plate & Flow Control Nozzle

9587-754	R10T 1/2", P6 15° PURPLE PLATE, .75 10FC
9587-851	R10T 1/2", P6 15° PURPLE PLATE, 1.00 10FC
9587-757	R10T 1/2", P6 9° BLUE PLATE, .75 10FC
9587-759	R10T 1/2", P6 9° BLUE PLATE, 1.00 FC
9587-1128	R10T 1/2", P8 15° GOLD PLATE, 1.25 10FC
9587-1153	R10T 1/2", P8 15° GOLD PLATE, 1.50 10FC
9587-1101	R10T 1/2", P8 24° BROWN PLATE, 1.00 10FC
9587-1126	R10T 1/2", P8 24° BROWN PLATE, 1.25 10FC
9587-1151	R10T 1/2", P8 24° BROWN PLATE, 1.50 10FC
9587-755	R10T ACME, P6 15° PURPLE PLATE, .75 10FC
9587-850	R10T ACME, P6 15° PURPLE PLATE, 1.00 10FC
9587-756	R10T ACME, P6 9° BLUE PLATE, .75 10FC
9587-758	R10T ACME, P6 9° BLUE PLATE, 1.00 10FC
9587-1127	R10T ACME, P8 15° GOLD PLATE, 1.25 10FC
9587-1152	R10T ACME, P8 15° GOLD PLATE, 1.50 10FC
9587-1100	R10T ACME, P8 24° BROWN PLATE, 1.00 10FC
9587-1125	R10T ACME, P8 24° BROWN PLATE, 1.25 10FC
9587-1150	R10T ACME, P8 24° BROWN PLATE, 1.50 10FC

NELSON

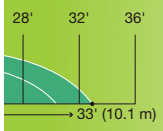
R10/R10T

ROTATOR® SPRINKLERS



DESCRIPTION	Body Assembly — Less Nozzle & Plate	Plate P2 9°, P4 9°, P4 15°, P6 9°, or P6 15°	Plate P8 15° or P8 24°	2TN Nozzle (Nozzle options #40 to #102)	Body, Plate & 2TN Nozzle (Specify 3/8", 1/2" or Acme)	Body, P8 24° or P8 15° Plate & 2TN Nozzle	Body, Plate & 10FC Nozzle (Specify 1/2" or Acme)	Body, P8 24° or P8 15° Plate & 10FC Nozzle	Adapter (Male Acme x 3/8", 1/2" or 3/4" MNPT)	PVC Adapter (Male Acme x 1/2", 3/4" or 25mm Slip)
BOX	12x12x11"	12x12x5"	12x12x5"		12x12x11"	12x12x11"	12x12x11"	12x12x11"	13x13x17"	13x13x17"
QTY/BOX	400	2500	2500	500/2500	400	400	400	400	2500/2000/1500	950/700
LBS/BOX	11	9	9	1.3/6.0	14	14	15	15	39/40/44	36/32
1-2,499	**$4.37**	**$1.09**	**$2.03**	**$0.45**	**$5.91**	**$6.85**	**$6.88**	**$7.86**	**$1.28**	**$1.09**
2,500-9,999	**$4.31**	**$1.07**	**$2.00**	**$0.44**	**$5.82**	**$6.75**	**$6.78**	**$7.74**	**$1.26**	**$1.07**
10,000-24,999	**$4.24**	**$1.06**	**$1.97**	**$0.44**	**$5.74**	**$6.65**	**$6.67**	**$7.62**	**$1.24**	**$1.06**
25,000-49,000	**$4.18**	**$1.04**	**$1.94**	**$0.43**	**$5.65**	**$6.55**	**$6.57**	**$7.51**	**$1.22**	**$1.04**
50,000 & OVER	**$4.11**	**$1.02**	**$1.91**	**$0.42**	**$5.55**	**$6.44**	**$6.47**	**$7.39**	**$1.20**	**$1.02**

R10 sprinklers ordered less nozzle or less nozzle and plate are only in box quantities of 400.



ACCESSORIES

STAKE AND TUBE OPTIONS FOR ANY APPLICATION. SEE PAGE 42-43.

FT2; FT3; 1/2 PVC-5; 3/4 PVC-5; FT4; 3/4 PVC-10; FT5













DESCRIPTION	R10 One-Sided Stream Splitter	R10 Two-Sided Stream Splitter	Legacy R10/R2000(WF) Low Angle Road Guard	Legacy R10/R2000(WF) High Angle Road Guard	2TN Nozzle Removal Tool
PART NO.	11285	11275	9590-030	9879	10634
	Protect adjacent tree trunks by creating a small wedge shape in the wetted pattern.	Protect adjacent tree trunks by creating a small wedge shape in the wetted pattern.	Snap on to convert to part-circle operation (irrigates 200°). (300/box, 13 lbs./box, 13x13x17")	Snap on to convert to part-circle operation (irrigates 200°). (325/box, 14 lbs./box, 13x13x17")	Easily removes the nozzle from R10/R10T.
PRICE	**$0.62**	**$0.81**	**$4.35**	**$4.35**	**$24.99**











DESCRIPTION	Male Acme X PVC Socket Adapter	Male Acme X MNPT Adapter	Threaded Cap for Acme Adapter	Female Acme X 1/2" PVC Spigot	Pressure Gauge Tap Kit
PART NO.			10615	10352	
	1/2" - 10060-001 3/4" - 10060-002 25 mm - 10060-003 Use w/ 10616	3/8" - 9465 1/2" - 9316-002 3/4" - 9466 Use w/ 10616.	Connects to Acme thread and acts as a shut-off cap.	Enables easy attachment to a PVC riser. (300/box, 5 lbs./box, 8x8x6")	**10366-001** 0-60 PSI **10366-002** 0-100 PSI **10366-003** 0-160 PSI
PRICE	**See qty. prices above.**	**See qty. prices above.**	**$0.85**	**$0.87**	**$49.17**

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Nelson

R2000

HOW TO ORDER

Assembled Cap, Body & 2TN #11991-xxxx

Assembled Cap, Body & FCN #11992-xxxx





Cap Assembly with Plate #10519-1xxx

Nozzle & 2T Body Assy #10533-xxx or Flow Control Nozzle & Body Assy #9223-xxx



(2T Body #9155)



Need Male Acme x PVC Adapter or Male Acme x MNPT Adapter

	PLATE	CAP ASSEMBLY W/ PLATE	NOZZLE		NOZZLE & BODY ASSY	ASSEMBLED CAP, BODY & NOZZLE	FLOW IN GPM / LPH @ 40 PSI / 3 BAR
	K1 6° Cream 9516-106	10519-1106	Gray *8.3	9306-065	10533-008	11991-0108	0.77 / 183
			0.85 2000FC		9223-085	11992-0108	0.85 / 193
	K2 6° Light Blue 9516-206	10519-1206	White *9	9306-070	10533-009	11991-0209	0.89 / 210
			Blue *10	9306-078	10533-010	11991-0210	1.12 / 266
			1.0 2000FC		9223-100	11992-0210	1.00 / 227
	K2 9° Green 9516-209	10519-1209	Gray *8.3	9306-065	10533-008	11991-0308	0.77 / 183
			White *9	9306-070	10533-009	11991-0309	0.89 / 210
			Blue *10	9306-078	10533-010	11991-0310	1.12 / 266
			0.85 2000FC		9223-085	11992-0308	0.85 / 193
			1.0 2000FC		9223-100	11992-0310	1.00 / 227
	K2 15° Yellow 9516-215	10519-1215	Gray *8.3	9306-065	10533-008	11991-0408	0.77 / 183
			White *9	9306-070	10533-009	11991-0409	0.89 / 210
			Blue *10	9306-078	10533-010	11991-0410	1.12 / 266
			0.85 2000FC		9223-085	11992-0408	0.85 / 193
			1.0 2000FC		9223-100	11992-0410	1.00 / 227
	K3 9° Brown 9516-309	10519-1309	Orange *11	9306-086	10533-011	11991-0511	1.36 / 323
			Purple *12	9306-094	10533-012	11991-0512	1.61 / 380
			1.25 2000FC		9223-125	11992-0512	1.25 / 284
			1.5 2000FC		9223-150	11992-0515	1.50 / 341
	K3 15° Red 9516-315	10519-1315	Orange *11	9306-086	10533-011	11991-0611	1.36 / 323
			Purple *12	9306-094	10533-012	11991-0612	1.61 / 380
			1.25 2000FC		9223-125	11992-0612	1.25 / 284
			1.5 2000FC		9223-150	11992-0615	1.50 / 341
	K3 24° Gray 9516-324	10519-1324	Orange *11	9306-086	10533-011	11991-0711	1.36 / 323
			Purple *12	9306-094	10533-012	11991-0712	1.61 / 380
			1.25 2000FC		9223-125	11992-0712	1.25 / 284
			1.5 2000FC		9223-150	11992-0715	1.50 / 341
	K4 6° Turquoise 9516-406	10519-1406	Yellow *13	9306-102	10533-013	11991-0813	1.90 / 451
			Green *14	9306-109	10533-014	11991-0814	2.15 / 509
			1.5 2000FC		9223-150	11992-0815	1.50 / 341
			2.0 2000FC		9223-200	11992-0820	2.00 / 454
	K4 9° Purple 9516-409	10519-1409	Yellow *13	9306-102	10533-013	11991-0913	1.90 / 451
			Green *14	9306-109	10533-014	11991-0914	2.15 / 509
			1.5 2000FC		9223-150	11992-0915	1.50 / 341
			2.0 2000FC		9223-200	11992-0920	2.00 / 454
	K4 12° Wine 9516-412	10519-1412	Yellow *13	9306-102	10533-013	11991-1013	1.90 / 451
			Green *14	9306-109	10533-014	11991-1014	2.15 / 509
			1.5 2000FC		9223-150	11992-1015	1.50 / 341
			2.0 2000FC		9223-200	11992-1020	2.00 / 454
	K4 15° Gold 9516-415	10519-1415	Yellow *13	9306-102	10533-013	11991-1113	1.90 / 451
			Green *14	9306-109	10533-014	11991-1114	2.15 / 509
			1.5 2000FC		9223-150	11992-1115	1.50 / 341
			2.0 2000FC		9223-200	11992-1120	2.00 / 454
	K4 24° Black 9516-424	10519-1424	Yellow *13	9306-102	10533-013	11991-1213	1.90 / 451
			Green *14	9306-109	10533-014	11991-1214	2.15 / 509
			1.5 2000FC		9223-150	11992-1215	1.50 / 341
			2.0 2000FC		9223-200	11992-1220	2.00 / 454
	K5 9° Orange 9516-509	10519-1509	Tan *15	9306-117	10533-015	11991-1315	2.53 / 597
			Red *16	9306-125	10533-016	11991-1316	2.89 / 685
			2.5 2000FC		9223-250	11992-1325	2.50 / 568
	K5 15° Tan 9516-515	10519-1515	Tan *15	9306-117	10533-015	11991-1415	2.53 / 597
			Red *16	9306-125	10533-016	11991-1416	2.89 / 685
			2.5 2000FC		9223-250	11992-1425	2.50 / 568
	K5 24° Blue 9516-524	10519-1524	Tan *15	9306-117	10533-015	11991-1515	2.53 / 597
			Red *16	9306-125	10533-016	11991-1516	2.89 / 685
			2.5 2000FC		9223-250	11992-1525	2.50 / 568

R2000

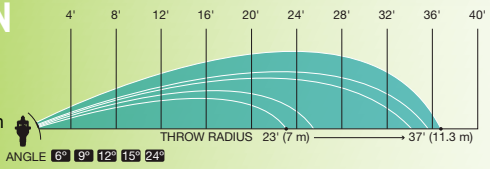
ROTATOR® SPRINKLERS



DESCRIPTION	Cap Assembly — Less Plate	Plates	Cap Assembly & Plate (Assembled)	2T Body (Female Acme Thread)	2TN Nozzle (Nozzle options #8.3 to #16)	2T Body & 2TN Nozzle (Assembled)	2000FC Nozzle Body (Female Acme Thread)	*Total with 2TN Nozzle	*Total with 2000FC Nozzle	Adapter (Male Acme x 3/8", 1/2" or 3/4" MNPT)	*Total with 2TN Nozzle & Threaded Adapter	*Total with 2000FC Nozzle & Threaded Adapter	PVC Adapter (Male Acme x 1/2", 3/4" or 25mm Slip)
BOX	13x13x17"	12x12x11"	12x12x11"	13x13x17"		12x12x11"	12x12x9"	12x12x11"	12x12x11"	13x13x17"			13x13x17"
QTY/BOX	400	500	125	500	500/1200	250	250	100	100	2500/2000/1500			950/700
LBS/BOX	18	3	14	24	1/4	9	14	14	14	39/40/44			36/32
1-2,499	**$10.03**	**$2.00**	**$12.03**	**$1.55**	**$0.45**	**$2.00**	**$3.91**	**$14.03**	**$15.94**	**$1.28**	**$15.31**	**$17.22**	**$1.09**
2,500-9,999	**$9.88**	**$1.97**	**$11.85**	**$1.52**	**$0.44**	**$1.96**	**$3.86**	**$13.81**	**$15.71**	**$1.26**	**$15.07**	**$16.97**	**$1.07**
10,000-24,999	**$9.73**	**$1.94**	**$11.67**	**$1.50**	**$0.44**	**$1.94**	**$3.80**	**$13.61**	**$15.47**	**$1.24**	**$14.85**	**$16.71**	**$1.06**
25,000-49,000	**$9.59**	**$1.91**	**$11.50**	**$1.48**	**$0.43**	**$1.91**	**$3.74**	**$13.41**	**$15.24**	**$1.22**	**$14.63**	**$16.46**	**$1.04**
50,000 & OVER	**$9.44**	**$1.88**	**$11.32**	**$1.45**	**$0.42**	**$1.87**	**$3.68**	**$13.19**	**$15.00**	**$1.20**	**$14.39**	**$16.20**	**$1.02**

PERFORMANCE FOR EVERY APPLICATION

Nelson Irrigation's full range of flow, throw and trajectory options in the R2000 Rotator® make it a perfect fit for a number of different applications including below canopy irrigation & over canopy cooling.



STAKE AND TUBE OPTIONS FOR ANY APPLICATION. **SEE PAGE 43.**

FT4; 3/4 PVC-10; FT5



ACCESSORIES

{SEE PAGE 35 FOR R2000(WF) ADAPTER OPTIONS & ACME ACCESSORIES.}



DESCRIPTION	NEW STYLE ROAD GUARD	LEGACY ROAD GUARDS		FLUSH TOOL	R2000 COW WASH	NEW STYLE MOTOR REMOVAL TOOL
PART NO.	12213-001	9590-030	9879	9210	11993-xxxx (assembled)	12215
	Snap on new style R2000(WF) to convert to part-circle operation (irrigates 190°).	Low Angle Road Guard (irrigates 200°)	High Angle Road Guard (irrigates 200°)	Used to allow cleaning and flushing of the sprinkler without shutting the system down.	Cap Assy; K4 12° Plate; 2T Body; 2TN Nozzle (#14, #16, #18); Adapter	Removes the motor from the R2000(WF).
PRICE	**$6.89**	**$4.35**	**$4.35**	**$8.75**	**$16.39** (assembled)	**$21.14**



DESCRIPTION	CAP REMOVAL TOOL	R2000 PLATE REMOVAL TOOL	2TN NOZZLE REMOVAL TOOL	R2000 STREAM SPLITTER	LEGACY R2000 STREAM SPLITTER	WEB GUARD
PART NO.	10689	9620	12260	12056	12057	9895-001
	Easily removes the cap assembly on the R2000(WF).	Removes the plate from the R2000(WF).	Easily removes the nozzle from R2000(WF).	Protect adjacent tree trunks by creating a small wedge shape in the wetted pattern.	Use on Legacy Style R2000 to protect adjacent tree trunks.	Place guard into R2000 body to protect nozzle area from spider web intrusion.
PRICE	**$29.63**	**$30.31**	**$24.99**	**$1.64**	**$1.64**	**$0.35**

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R2000WF WINDFIGHTER

HOW TO ORDER

Complete R2000WF
Cap & Body Assembly
9928-xxxx

Complete R2000LP
Cap & Body Assembly
9929-xxxx



(Body 9920)

Optional Color Band for Nozzle I.D.
See Part Numbers below.
(No factory assembly.)

OR



R2000WF
Cap Assembly
10299-1xx
(xx = plate #)

R2000LP
Cap Assembly
10299-2xx
(xx = plate #)

Body & Nozzle
Assembly
9920-0xx
(xx = nozzle #)

Need Male Acme x PVC Adapter
or Male Acme x MNPT Adapter

HIGH UNIFORMITY IN REAL WORLD CONDITIONS

The R2000WF is obsoleting 1/2" brass impacts everywhere. With no riser vibration, better performance, a low cost and less maintenance, the choice is simple.

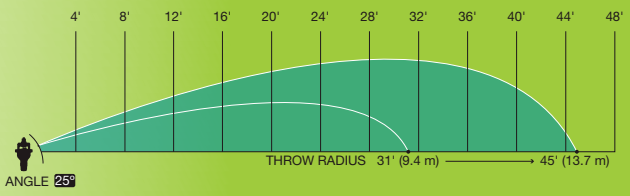

PLATE	NOZZLES		OPTIONAL COLOR BAND (NOZZLE I.D.)	NOZZLE DIAM. IN INCHES	COMPLETE R2000WF CAP & BODY ASSY	WF MOTOR COLOR	COMPLETE R2000LP CAP & BODY ASSY	LP MOTOR COLOR	FLOW IN GPM / LPH @ 50 PSI / 3.5 BAR
WF10 Blue 12113	Blue *10	9306-078	12800-010	5/64	9928-1010	Purple	9929-1010	Green	1.25 / 286
WF12 Purple 10452	Orange *11	9306-086	12800-011	11/128	9928-1211	Ivory	9929-1211	Green	1.53 / 350
	Purple *12	9306-094	12800-012	3/32	9928-1212	Ivory	9929-1212	Green	1.80 / 412
WF14 Green 9877	Yellow *13	9306-102	12800-013	13/128	9928-1413	Ivory	9929-1413	Purple	2.13 / 487
	Green *14	9306-109	12800-014	7/64	9928-1414	Ivory	9929-1414	Purple	2.40 / 550
WF16 Red 9931	Tan *15	9306-117	12800-015	15/128	9928-1615	Ivory	9929-1615	Purple	2.82 / 647
	Red *16	9306-125	12800-016	1/8	9928-1616	Ivory	9929-1616	Purple	3.23 / 739
WF18 Yellow 9870	Gold *18	9306-141	12800-018	9/64	9928-1818	Ivory	9929-1818	Purple	4.11 / 940
WF20 Brown 9878	Brown *20	9306-156	12800-020	5/32	9928-2020	Ivory	9929-2020	Purple	5.0 / 1144

NELSON

R2000WF



DESCRIPTION	Cap Assembly — Less Plate	Plates	Cap Assembly & Plate (Assembled)	WF Body (Female Acme Thread)	2TN Nozzle (Nozzle options #10 to #20)	WF Body & 2TN Nozzle (Assembled)	*Total with 2TN Nozzle	Adapter (Male Acme x 3/8", 1/2" or 3/4" MNPT)	*Total with 2TN Nozzle & Threaded Adapter	PVC Adapter (Male Acme x 1/2", 3/4" or 25mm Slip)
BOX	12x12x11"	12x12x11"	12x12x9"	13x13x17"	12x12x5"	12x12x11"	12x12x11"	13x13x17"		13x13x17"
QTY/BOX	125	500	125	250	1200	250	100	2500/2000/1500		950/700
LBS/BOX	8	3	9	22	4	14	14	39/40/44		36/32
1-2,499	**$10.03**	**$2.00**	**$12.03**	**$1.55**	**$0.45**	**$2.00**	**$14.03**	**$1.28**	**$15.31**	**$1.09**
2,500-9,999	**$9.88**	**$1.97**	**$11.85**	**$1.52**	**$0.44**	**$1.96**	**$13.81**	**$1.26**	**$15.07**	**$1.07**
10,000-24,999	**$9.73**	**$1.94**	**$11.67**	**$1.50**	**$0.44**	**$1.94**	**$13.61**	**$1.24**	**$14.85**	**$1.06**
25,000-49,000	**$9.59**	**$1.91**	**$11.50**	**$1.48**	**$0.43**	**$1.91**	**$13.41**	**$1.22**	**$14.63**	**$1.04**
50,000 & OVER	**$9.44**	**$1.88**	**$11.32**	**$1.45**	**$0.42**	**$1.87**	**$13.19**	**$1.20**	**$14.39**	**$1.02**



NEW! R2000/WF COLOR BAND FOR QUICK NOZZLE IDENTIFICATION

$0.23. See Part Numbers on Page 34.
No factory assembly.

STAKE AND TUBE OPTIONS FOR ANY APPLICATION. SEE PAGE 43.

FT4; 3/4 PVC-10, FT5



ACCESSORIES



DESCRIPTION	PC-R2000WF/LP		FLUSH TOOL	NEW STYLE ROAD GUARD	NEW STYLE MOTOR REMOVAL TOOL	CAP REMOVAL TOOL
PART NO.	**10242-xxxx**	**11296-xxxx**	**9210**	**12213-001**	**12215**	**10689**
	(i.e. R2000WF WF12 #11 is 10242-1211)	(i.e. R2000LP WF12 #11 is 11296-1211)	Used to allow cleaning and flushing of the sprinkler without shutting the system down.	Snap on new style R2000(WF) to convert to part-circle operation (irrigates 190°). See page 33 for Legacy Road Guards.	Removes the motor from the R2000(WF).	Easily removes the cap assembly on the R2000(WF).
PRICE	**$19.32**	**$19.32**	**$8.75**	**$6.89**	**$21.14**	**$29.63**



DESCRIPTION	2TN NOZZLE REMOVAL TOOL	Male Acme X PVC Socket Adapter	Male Acme X MNPT Adapter	Threaded Cap for Acme Adapter	Female Acme X 1/2" PVC Spigot	Pressure Gauge Tap Kit
PART NO.	**12260**			**10615**	**10352**	
	Easily removes the nozzle from R2000(WF).	1/2" - 10060-001 3/4" - 10060-002 25 mm - 10060-003	3/8" - 9465 1/2" - 9316-002 3/4" - 9466	Connects to Acme thread and acts as a shut-off cap.	Enables easy attachment to a PVC riser.	**10366-001** 0-60 PSI **10366-002** 0-100 PSI **10366-003** 0-160 PSI
PRICE	**$24.99**	**See qty. prices above.**	**See qty. prices above.**	**$0.85**	**$0.87**	**$49.17**

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THIS IS WHAT UNIFORMITY LOOKS LIKE

MADE POSSIBLE WITH A PRODUCT PACKAGE LIKE NO OTHER.



ROTATOR® TECHNOLOGY IS CERTAINLY MAKING ITS MARK ON SOLID SET IRRIGATION.

The R2000WF has been effectively obsoleting 1/2" brass impacts everywhere by providing superior uniformity in real-world conditions. Imitation products just don't compare.

NELSON

DRAIN CHECK

Combine the R2000WF with a Mini Regulator Drain Check or Mini Drain Check and you ensure no drain down on system start up and shut down. Pressure regulation means each sprinkler is putting out the same amount of water further contributing to high crop uniformity.





CONTROL VALVE

2", 3" & 4" 1000 SERIES. Nelson's new plastic, low profile, sleeve-style valve is great for zone control. A completely pressurized system maximizes irrigation efficiency. The 2" size has a spline connection option which allows for easy installation with plastic pipe.



AUTOMATION

TWIG® WIRELESS CONTROLS. Simply connect Nelson TWIGs to Nelson Control Valves and tie into the TD200 Controller to automate new or existing installations. Automatically cycle the valves in a programmed sequence for precision germination and irrigation.





PROBLEM

"The onions at the end of the rows aren't as uniform in size as the interior plants because they're not getting proper overlap in watering."

SOLUTION

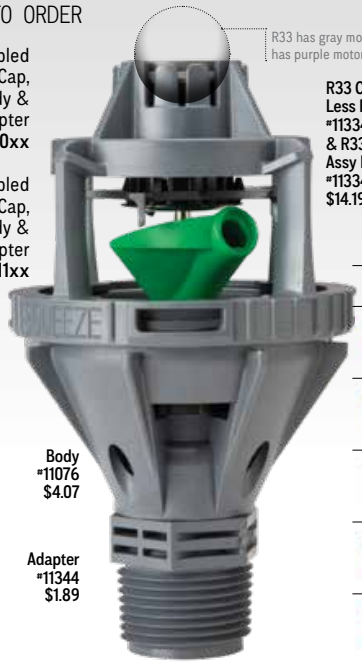
"The PC-R2000WF is a Part-Circle Rotator that distributes water in a 190 degree arc. It is intended to irrigate the edge of a field where full circle Rotators are used in the interior. Designed with uniformity in mind."

R33/R33LP

HOW TO ORDER

Assembled R33 Cap, Body & Adapter **#11466-10xx**

Assembled R33LP Cap, Body & Adapter **#11466-11xx**



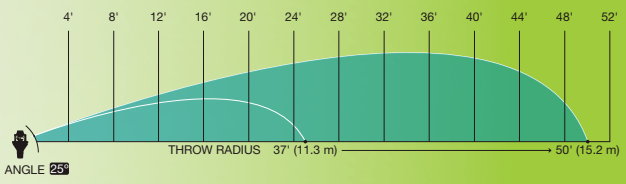
WE RECOMMEND THAT THE R33 & R33LP BE STOCKED AND PURCHASED AS A FULL ASSEMBLY. PLEASE ORDER ALL OTHER PARTS FOR THE PURPOSE OF REPAIRS ONLY.

DESCRIPTION	R33 / R33LP Sprinkler Assembly & Adapter
BOX	12x12x11"
QTY/BOX	50
LBS/BOX	11
PRICE	$24.09

PLATE	NOZZLE	ASSEMBLED BODY & NOZZLE	ASSEMBLED R33 CAP, BODY & ADAPTER	ASSEMBLED R33LP CAP, BODY & ADAPTER	ASSEMBLED R33 CAP, BODY (NO ADAPTER)	ASSEMBLED R33LP CAP, BODY (NO ADAPTER)	FLOW IN GPM / LPH @ 50 PSI / 3.5 BAR
$2.23	$1.11	$5.29	$24.09	$24.09	$22.14	$22.14	
#18 Gold 10974-018	Gold (9/64") 11078-018	11333-018	11466-1018	11466-1118	11336-018	11336-118	4.07 / 931
#20 Brown 10974-020	Brown (5/32") 11078-020	11333-020	11466-1020	11466-1120	11336-020	11336-120	5.00 / 1143
#22 Gray 10974-022	Gray (11/64") 11078-022	11333-022	11466-1022	11466-1122	11336-022	11336-122	6.01 / 1375
#24 Green 10974-024	Green (3/16") 11078-024	11333-024	11466-1024	11466-1124	11336-024	11336-124	7.16 / 1639
#26 Maroon 10974-026	Maroon (13/64") 11078-026	11333-026	11466-1026	11466-1126	11336-026	11336-126	8.45 / 1935

DIRECT 3/4" IMPACT REPLACEMENT

While brass sprinklers are prone to damage, clogging and theft, the R33 is easy to clean, easy to repair and costs less to replace. Without a drive arm, the sprinkler creates no riser vibration. It also has a long wear life because no seals or bearings are exposed to water pressure. The R33 is also available in a low pressure model, the R33LP.









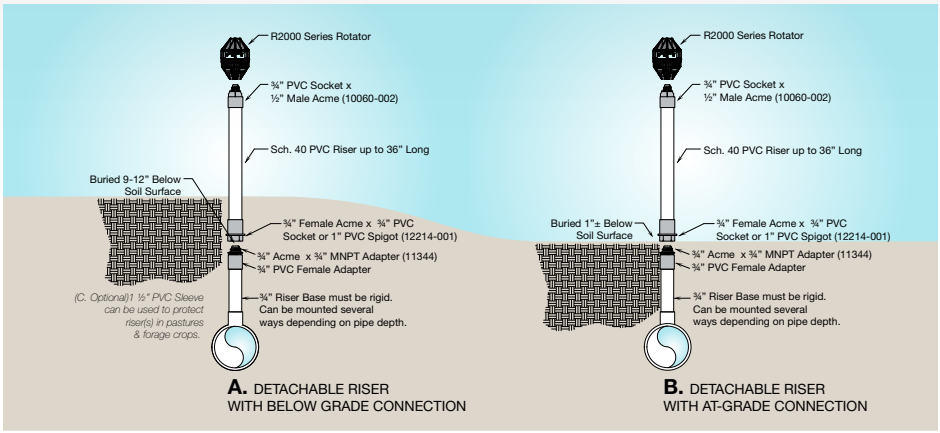

DESCRIPTION	R33/R33LP FLUSH TOOL		R33/R33LP ROAD GUARD	R33/R33LP 3/4" MNPT ADAPTER		R33/R33LP KEEPER	33TN NOZZLE REMOVAL TOOL	DIFFUSER/MOTOR INSTALLATION/REMOVAL TOOL
PART NO.	11161-001	11161-002	11363	11344	11344-001	11417	11473	11478
	(Short)	(Long)			Adapter w/ Keeper (assembled)			
PRICE	$4.87		$9.95	$1.92	$2.89	$0.59	$22.54	$22.54

NELSON

QUICK-CONNECT
FITTINGS FOR DETACHABLE RISERS

WHY DETACHABLE RISERS? Solid set irrigation with Rotators is an excellent way to irrigate small and irregular-shaped fields. However, the process of moving pipe in and out of the field several times a season is costly and problematic. Inexpensive yet rigid detachable risers can be quickly and easily moved out of the way of farming operations, then easily reinstalled when it is time to irrigate. Now with two sizes of Nelson ACME Adapters, growers can choose from a wide range of Rotator® Sprinkler flow ranges for their specific needs. ACME threads allow users to rethread risers while the system is pressurized, and not cross-thread the risers. The ½" ACME thread is used in 10 Series and 2000 Series Rotator sprinklers. The new ¾" ACME threaded fittings are based on the ACME thread used in the R33. With these new ¾" ACME thread fittings, Detachable Risers can have higher flow rates and be taller than ever before.

A. SHALLOW CULTIVATED CROPS REQUIRE A BURIED DETACHABLE RISER.
B. DETACHABLE RISERS FOR CRANBERRY AND ALFALFA PRODUCTION.
C. SLEEVE-PROTECTED DETACHABLE RISERS IN PASTURES & FORAGE CROPS.



Fittings With ¾" Female Acme Thread
(Connects to R33 Adapter 11344)



12214-001 – $1.94
¾" Female Acme x ¾" PVC Socket or 1" PVC Spigot



12214-003 – $1.94
Cap, Female Acme x ¾" PVC Socket or 1" PVC Spigot

Nelson

IRRIGATION DESIGN SOFTWARE

Overlap Pro

Overlap is an online software program (**www.overlappro.com**) capable of analyzing the theoretical uniformity of permanent or solid set sprinkler spacing. Select a specific sprinkler model configuration and spacing criteria, and the software will calculate the following:

- Precipitation Rate
- Christiansen's Coefficient of Uniformity (CU)
- Distribution Uniformity (DU)
- Scheduling Coefficient (SC)

Overlap also allows you to graphically depict and chart theoretical performance for comparative purposes. Please contact us for more information.

Irricad Pro

NET PRICE $3995. CALL FACTORY FOR UPGRADE PRICING.

Find out more – go to www.irricad.com. IRRICAD is a standalone, graphically based, computer-aided design package developed specifically for designing pressurized irrigation or water supply systems. IRRICAD is far more than a drawing package because it combines the advantages of CAD drawing with powerful hydraulic pipe sizing and network analysis techniques, and it also provides automatic selection of pipe fittings, thereby generating a complete bill of materials. Systems can be designed to cover a full range of functions including:

- Sprinkler/Micro sprinkler
- Drip/Drip Tape
- Nursery
- Dust Suppression
- Mainline Networks
- Stock Water Systems
- Residential/Commercial Turf
- Sports Fields/Golf Courses
- Systems Pressurized by Gravity



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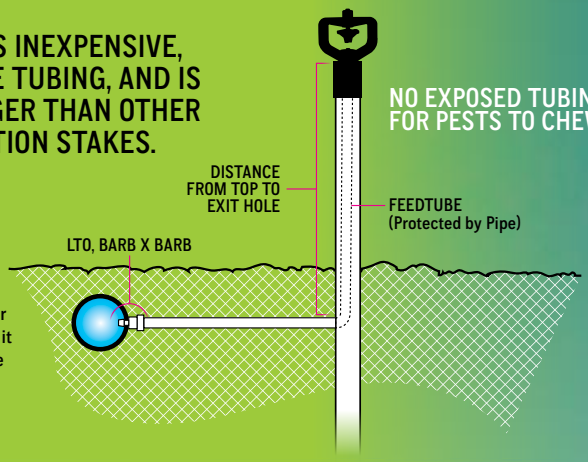
A PVC STAKE IS INEXPENSIVE, PROTECTS THE TUBING, AND IS MUCH STRONGER THAN OTHER MICRO IRRIGATION STAKES.



Shallow bury the poly-ethylene lateral tubing for protection and to anchor it in place. Shallow bury the feed tube for protection.

ROTATOR® FEEDTUBE ASSEMBLIES

PROBLEM

"Coyotes keep chewing on all of our feedtubes. I need a heavier duty option."

SOLUTION

"Switch over to PVC Stake Assemblies and eliminate those tubing repairs. Shallow bury the lateral tubing and eliminate even more problems.

NELSON

4 MM FEEDTUBE OPTIONS FOR THE R5, S7



½ PVC-4 FEEDTUBE ASSEMBLY FOR THE R5 (#40-50 OR 8.5-18 GPH)

DESCRIPTION	PVC Stake Adapter	Flexible PVC Feedtube & LT0 — 4 mm x 24" (61 cm)	1/2" PVC Stake 16" (41 cm) Assembled	1/2" PVC Stake 22" (56 cm) Assembled	1/2" PVC Stake 16" (41 cm) Assembled
PART NO.	11258	9960-924	11260-21630	11260-22230	11260-21648
	(Gray) — 4 mm	4 mm Barb Assembly	Hole 5.5" from top, PVC Stake Adapter, 4 mm x 30" (76 cm) Tube w/ Barb (Assy)	Hole 11.3" from top, PVC Stake Adapter, 4 mm x 30" (76 cm) Tube &w/ Barb (Assy)	Hole 5.5" from top, PVC Stake Adapter, 4 mm x 48" (122 cm) Tube &w/ Barb (Assy)
1-4,999	$0.85	$0.68	$3.30	$3.44	$3.69
5,000-19,999	$0.84	$0.67	$3.25	$3.38	$3.64
20,000-49,999	$0.83	$0.66	$3.20	$3.33	$3.58
50,000-99,999	$0.82	$0.65	$3.15	$3.28	$3.53
100,000 & OVER	$0.80	$0.64	$3.10	$3.23	$3.47

See page 40 for illustration of the assembly - note distance from top to exit holes.



FT-01 FEEDTUBE ASSEMBLY FOR THE R5 (UPRIGHT MOUNT)

DESCRIPTION	4 mm x 24" (61 cm) Flexible PVC Feedtube & LT0	4 mm x 30" (76 cm) Flexible PVC Feedtube & LT0	4 mm x 36" (91 cm) Flexible PVC Feedtube & LT0	Stake 12" (300 mm)	Stake 17.5" (450 mm)	Stake 12" (300 mm) Assembled	Stake 12" (300 mm) Assembled	Stake 17.5" (450 mm) Assembled
PART NO.	9960-924	9960-930	9960-936	10847	10848	10745-024	10745-036	10744-036
	4 mm Barb Assembly	4 mm Barb Assembly	4 mm Barb Assembly	Stake 12" (300 mm)	Stake 17.5" (450 mm)	4mm x 24" (61 cm) Tube w/Barb	4mm x 36" (91 cm) Tube w/Barb	4mm x 36" (91 cm) Tube w/Barb
1-4,999	$0.68	$0.80	$0.94	$0.61	$0.73	$1.29	$1.55	$1.67
5,000-19,999	$0.67	$0.79	$0.93	$0.60	$0.72	$1.27	$1.53	$1.65
20,000-49,999	$0.66	$0.78	$0.91	$0.59	$0.71	$1.25	$1.50	$1.62
50,000-99,999	$0.65	$0.77	$0.90	$0.58	$0.70	$1.23	$1.48	$1.60
100,000 & OVER	$0.64	$0.75	$0.88	$0.57	$0.68	$1.21	$1.45	$1.56

30" (76 cm) feedtube not available as stake assembly.

The FT-02 assembly for the inverted mount of the R5 requires Adapter, Feedtube & LT0, (2) Hanger Rod Clips and a Fiberglass Plastic Rod Stake or Steel Rod Stake.



FT-03 FEEDTUBE ASSEMBLY FOR THE R5 (UPRIGHT MOUNT)

DESCRIPTION	R5 Rod Stake Adapter	4 mm x 24" (61 cm) Flexible PVC Feedtube & LT0	4 mm x 30" (76 cm) Flexible PVC Feedtube & LT0	4 mm x 36" (76 cm) Flexible PVC Feedtube & LT0	6.3 mm Fiberglass Plastic Rod Stake 24" (61 cm)	6.3 mm Steel Rod Stake 24" (61 cm)
PART NO.	10136	9960-924	9960-930	9960-936	10040-024	9726-024
		4 mm Barb Assembly	4 mm Barb Assembly	4 mm Barb Assembly		
1-4,999	$0.46	$0.68	$0.80	$0.94	$1.36	$1.51
5,000-19,999	$0.45	$0.67	$0.79	$0.93	$1.34	$1.49
20,000-49,999	$0.45	$0.66	$0.78	$0.91	$1.32	$1.47
50,000-99,999	$0.44	$0.65	$0.77	$0.90	$1.30	$1.45
100,000 & OVER	$0.43	$0.64	$0.75	$0.88	$ 1.28	$1.42

For complete assembly order adapter, feedtube and stake.9

TOOLS & PARTS FOR 4 MM ASSEMBLIES

DESCRIPTION	PART NO.	PRICE
4 mm Tubing, 1,000' (305 m) coil	10081-002	$156.00
Hand Punch Tool, 4 mm (Green)	10997	11.15
Stake Installation Tool for the 6.3 mm Stake	10287	10.12
LT0, Barb x Barb	10080	0.15
Goof Plug (Order in 20s)	9986	0.13
Hanger Rod Clip (2 required for inverted mounting)	9987	0.21

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5 MM FEEDTUBE OPTIONS FOR THE R5, R10 & S7

PLEASE NOTE: FEMALE ACME X R5 ADAPTER (#10616) IS REQUIRED WHEN USING R5 WITH 5MM FEEDTUBE OPTIONS.





FT3 FEEDTUBE ASSEMBLY FOR THE R10

DESCRIPTION	Tubing Assy, Flexible, 5mm x 30" with LTO	Tubing Assy, Flexible, 5 mm x 42" with LTO	FT3 Stake 12" (300 mm) & Adapter Assy	FT3 Stake 17.5" (450 mm) & Adapter Assy	FT3 Feedtube Assy, Stake 12" (300 mm) x 30" Tubing	FT3 Feedtube Assy, 17.5" (450 mm) Stake x 30" Tubing	FT3 Feedtube Assy, 17.5" (450 mm) Stake x 42" Tubing
PART NO.	11283-030	11283-042	12599	12598	12601-030	12600-030	12600-042
1-2,499	$0.88	$1.09	$0.98	$1.27	$1.90	$2.17	$2.44
2,5000-9,999	$0.86	$1.07	$0.97	$1.25	$1.87	$2.14	$2.40
10,000-24,999	$0.85	$1.06	$0.95	$1.23	$1.84	$2.11	$2.37
25,000-49,999	$0.84	$1.04	$0.94	$1.21	$1.81	$2.08	$2.33
50,000 & OVER	$0.82	$1.02	$0.92	$1.19	$1.78	$2.04	$2.29



FT2 FEEDTUBE ASSEMBLY FOR THE R5 POP-UP & R10

DESCRIPTION	Stake Adapter, Acme	Tubing Assy, Flexible, 5 mm x 30" with LTO	Tubing Assy, Flexible, 5 mm x 42" with LTO	6.3 mm Steel Rod Stake 24" (61 cm)	6.3 mm Fiberglass Plastic Rod Stake 24" (61 cm)	FT2 Total with 30" Tube Assembled (does not include stake)	FT2 Total with 42" Tube Assembled (does not include stake)
PART NO.	9677	11283-030	11283-042	9726-024	10040-024	9741-030	9741-042
1-2,499	$1.14	$0.88	$1.09	$1.51	$1.36	$2.60	$2.76
2,5000-9,999	$1.12	$0.86	$1.07	$1.49	$1.34	$2.56	$2.72
10,000-24,999	$1.11	$0.85	$1.06	$1.47	$1.32	$2.52	$2.67
25,000-49,999	$1.09	$0.84	$1.04	$1.45	$1.30	$2.48	$2.63
50,000 & OVER	$1.07	$0.82	$1.02	$1.42	$1.28	$2.44	$2.59



½ PVC-5 FEEDTUBE ASSEMBLY FOR THE R5 & R10 (#40-60, .35 & .5 FCN)

DESCRIPTION	1/2" PVC Stake Adapter	Tubing Assy, Flexible, 5 mm x 30" with LTO	Tubing Assy, Flexible, 5 mm x 42" with LTO	1/2" PVC Stake 16" (41 cm) Assembled	1/2" PVC Stake 22" (56 cm) Assembled	1/2" PVC Stake 22" (56 cm) Assembled
PART NO.	11271	11283-030	11283-042	11284-21630	11284-22230	11284-22242
	5 mm Compression x Male Acme (Black)			Hole 5.5" from top, PVC Stake Adapter, 5 mm x 30" (76 cm) Tube w/ Barb	Hole 11.3" from top, PVC Stake Adapter, 5 mm x 30" (76 cm) Tube w/ Barb	Hole 11.3" from top, PVC Stake Adapter, 5 mm x 42" (107 cm) Tube w/ Barb
1-2,499	$1.00	$0.88	$1.09	$3.47	$3.73	$3.89
2,5000-9,999	$0.99	$0.86	$1.07	$3.42	$3.68	$3.83
10,000-24,999	$0.97	$0.85	$1.06	$3.37	$3.62	$3.78
25,000-49,999	$0.96	$0.84	$1.04	$3.31	$3.57	$3.72
50,000 & OVER	$0.94	$0.82	$1.02	$3.26	$3.51	$3.66



¾ PVC-5 FEEDTUBE ASSEMBLY FOR THE R5 & R10

DESCRIPTION	3/4" PVC Stake Adapter	Tubing Assy, Flexible, 5mm x 30" with LTO	3/4" PVC Stake 22" (56 cm) Assembled
PART NO.	11429	11283-030	11455-12230
	5 mm Compression x Male Acme		Hole 11.3" from top, PVC Stake Adapter, 5 mm x 30" (76 cm) Tube w/ Barb
1-2,499	$1.19	$0.88	$4.69
2,5000-9,999	$1.18	$0.86	$4.62
10,000-24,999	$1.16	$0.85	$4.55
25,000-49,999	$1.14	$0.84	$4.48
50,000 & OVER	$1.12	$0.82	$4.41

TOOLS & PARTS FOR 5 MM ASSEMBLIES

DESCRIPTION	PART NO.	PRICE
5 mm Feedtube, 1,000' (305 m) coil	9284	$159.00
5 mm x 30" (76 cm) Flexible PVC Feedtube	9284-030	0.45
5 mm x 42" (107 cm) Flexible PVC Feedtube	9284-042	0.60
Stake Installation Tool for the 6.3 mm Stake	10287	10.12
FT2 & ¾ PVC-5 Hand Punch Tool, 5 mm (Red)	9349	11.15
FT2 & ¾ PVC-5 Drill Punch Tool, 5 mm	9835-003	29.18
FT2 & ¾ PVC-5 Dual Goof Plug (Order in 20s)	9986	0.13
Converts FT2, FT4, & FT5 to 3/4" PVC Stake	9195	0.95
LTO, 5 mm Compression x 5 mm Barb	9305	0.74
LTO, Barb x Barb (5 mm)	12023	0.27

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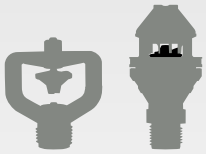
10 MM FEEDTUBE OPTIONS FOR R10-R2000WF





FT4 FEEDTUBE ASSEMBLY FOR THE R10, R10T, R2000, R2000LP & R2000WF

DESCRIPTION	Steel Rod Stake Adapter Acme	10 mm x 36" (91 cm) Flexible PVC Feedtube	LT0, 10 mm Compression x 7 mm Barb	8 mm Steel Rod Stake 24" (61 cm)	8 mm Fiberglass Plastic Rod Stake 24" (61 cm)	FT4 Total (Components Only)	FT4 Total Assembled (does not include stake)
PART NO.	9677	9099-036	9774	9725-024	10160		9752-036
1-2,499	$1.14	$1.19	$1.00	$2.31	$2.21	$3.33	$4.08
2,5000-9,999	$1.12	$1.18	$0.99	$2.28	$2.18	$3.29	$4.02
10,000-24,999	$1.11	$1.16	$0.97	$2.24	$2.15	$3.24	$3.96
25,000-49,999	$1.09	$1.14	$0.96	$2.21	$2.12	$3.19	$3.90
50,000 & OVER	$1.07	$1.12	$0.94	$2.17	$2.08	$3.13	$3.84



¾ **PVC-10** FEEDTUBE ASSEMBLY FOR THE R10, R10T, R2000, R2000LP & R2000WF

DESCRIPTION	3/4" PVC Stake Adapter	10 mm x 36" (91 cm) Flexible PVC Feedtube	LT0, 10 mm Compression x 7 mm Barb	3/4" PVC Stake 22" (56 cm) Assembled
PART NO.	11429	9099-036	9774	11452-12236
	10 mm Compression x Male Acme			Hole 11.3" from top, PVC Stake Adapter, 10 mm x 36" (91 cm) Tube w/ Barb
1-2,499	$1.19	$1.19	$1.00	$5.61
2,5000-9,999	$1.18	$1.18	$0.99	$5.53
10,000-24,999	$1.16	$1.16	$0.97	$5.45
25,000-49,999	$1.14	$1.14	$0.96	$5.37
50,000 & OVER	$1.12	$1.12	$0.94	$5.28



FT5 FEEDTUBE ASSEMBLY FOR THE R10, R10T, R2000, R2000LP & R2000WF

DESCRIPTION	Steel Rod Stake Adapter Acme	10 mm x 48" (122 cm) Flexible PVC Feedtube	QC LT0, 10 mm Compression x Male QC	QC Barb, Female QC x 10 mm Barb	Steel Rod Stake 48" (122 cm)	FT5 Total (Components only)	FT5 Total Assembled (does not include stake)
PART NO.	9677	9099-048	9740	9739	9725-048		9737-048
1-2,499	$1.14	$1.59	$0.85	$0.62	$4.54	$4.20	$4.98
2,5000-9,999	$1.12	$1.56	$0.84	$0.61	$4.47	$4.13	$4.90
10,000-24,999	$1.11	$1.54	$0.83	$0.60	$4.41	$4.08	$4.83
25,000-49,999	$1.09	$1.52	$0.82	$0.59	$4.34	$4.02	$4.76
50,000 & OVER	$1.07	$1.49	$0.80	$0.58	$4.27	$3.94	$4.68

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FT1 REPAIR PARTS (5 MM)

DESCRIPTION	PART NO.	PRICE
FT1 Collar Adapter 3/8" FNPT	9262	$1.27
5 mm x 30" (76 cm) Flexible PVC Feedtube	9284-030	0.45
LT0, 5 mm Compression x 5 mm Barb	9305	0.74
LT0, Barb x Barb (5 mm)	12023	0.27
Tubing Assy, Flexible, 5 mm x 30" with LT0	11283-030	See page 42.
Tubing Assy, Flexible, 5 mm x 42" with LT0	11283-042	See page 42.

TOOLS & PARTS FOR **10 MM** ASSEMBLIES

DESCRIPTION	PART NO.	PRICE
10 mm Feedtube, 500' (152.4 m) coil	9099	$189.00
¾ PVC-10 & FT4 Hand Punch Tool, 7 mm (Blue)	9810	13.93
¾ PVC-10 & FT4 Drill Punch Tool, 7 mm	9835-002	25.65
¾ PVC-10 & FT4 Goof Plug	10301	0.92
FT5 Hand Punch Tool, 10 mm (White)	9776	15.69
FT5 Drill Punch Tool, 10 mm	9835-001	25.65
FT5 Drill Installation Tool, installs #9739 (QC Barb) of FT5	9845	27.02
FT2, FT4 & FT5 Stake Installation Tool for the 8 mm Stake	10288	11.92
FT5 Plug, Rubber (fits inside of #9739 QC Barb)	9826	0.89
FT5 Plug, Goof (fits in place of #9739 QC Barb)	9831	0.61
Converts FT2, FT4, & FT5 to 3/4" PVC Stake	9195	0.95
¾ PVC-10, FT4 & FT5 Coupler 10 mm	9813	1.37
¾ PVC-10, FT4 & FT5 ½" Spigot x 10 mm Compression	10623	0.71

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INTRODUCING THE NEW S7 SPINNER

A MICRO-SPRINKLER LIKE NO OTHER



15–50 PSI (1–3.4 BAR)

FLOW CONTROL OPTIONS
& UNIQUE
QUICK-CONNECT
QUICK-CLEAN FEATURES

12890-XXXX
NOZZLE
PLATE
Without Deflector = 21
With Deflector = 22



S7

DESCRIPTION	Standard S7 Assembly including Plate & Nozzle	S7 Assembly including Plate & FCN Nozzle
1-4,999	$1.74	$2.08
5,000-19,999	$1.71	$2.05
20,000-49,999	$1.69	$2.01
50,000-99,999	$1.66	$1.98
100,000 & OVER	$1.63	$1.95

S7 FEEDTUBE ASSEMBLIES

DESCRIPTION	Feedtube Assembly, QC, 450mm Stake x 30" Tubing	Feedtube Assembly, QC, 450mm Stake x 48" Tubing	Feedtube Assembly, QC, 450mm Stake x 72" Tubing
PART NO.	12868-030	12868-048	12868-072
1-4,999	$1.39	$1.66	$2.03
5,000-19,999	$1.37	$1.64	$2.00
20,000-49,999	$1.34	$1.61	$1.97
50,000-99,999	$1.32	$1.59	$1.94
100,000 & OVER	$1.30	$1.56	$1.91



12868-XXX
17.5" (450 mm)
Stake Assembly,
QC to 5mm Tube
30" (-030),
48" (-048),
72" (-072)



11283-XXX
Tubing Assembly,
Flexible, 5 mm X
30" (-030), 42" (-042),
72" (-072)
With (12023) LTO

12023
5MM LTO

NOZZLE	Plate without Deflector Tab	Plate with Deflector Tab
"35 Orange	12890-2135	12890-2235
"40 Blue	12890-2140	12890-2240
"45 Purple	12890-2145	12890-2245
"50 Green	12890-2150	12890-2250
"55 Yellow	12890-2155	12890-2255
"60 Light Red	12890-2160	12890-2260
"65 Gray	12890-2165	12890-2265
"70 White	12890-2170	12890-2270
"78 Dark Blue	12890-2178	12890-2278
"8.5 Orange 7FC*	12891-2109	12891-2209
"11 Blue 7FC*	12891-2111	12891-2211
"14 Purple 7FC*	12891-2114	12891-2214
"18 Yellow 7FC*	12891-2118	12891-2218
"24 Red 7FC*	12891-2124	12891-2224



DESCRIPTION	QC x Acme Adapter with Screen
PART NO.	12972
	Connects to 1/2 PVC-4, 1/2 PVC-5, FT2, FT3. See pages 41-42.
PRICE	$0.65

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DESCRIPTION	Standard S5 Assembly including Plate & Nozzle	S5 Assembly including Plate & FCN Nozzle
BOX	12x12x5"	12x12x5"
QTY/BOX	200/1000 (6 lbs @ 1000)	200/1000
1-4,999	**$2.79**	**$3.34**
5,000-19,999	**$2.75**	**$3.29**
20,000-49,999	**$2.71**	**$3.24**
50,000-99,999	**$2.66**	**$3.19**
100,000 & OVER	**$2.62**	**$3.14**

11826-2XX

NOZZLE	FLOW CONTROL NOZZLE
*35 Orange	8.5 (*9) GPH Orange
*40 Blue	*11 GPH Blue
*45 Purple	*14 GPH Purple
*50 Green	*18 GPH Yellow
*55 Yellow	*24 GPH Red



S5

FT-04 STAKE ASSEMBLY



LT0, Barb x Barb

4 mm Flexible PVC Feedtube & LT0, 4 mm Barb Assembly
#9960-912 — 12" (30.5 cm)
#9960-918 — 18" (48 cm)
#9960-924 — 24" (61 cm)

PVC Pipe Weight Required (Dealer Supplied)

#11258 PVC Stake Adapter (Gray) — 4 mm

COMPLETE ASSEMBLIES INCLUDE:

4 mm tubing, LT0 & 11258 adapter

#12422-012 — 12" Assembly
#12422-018 — 18" Assembly
#12422-024 — 24" Assembly

PVC Pipe Weight (not included)

FT-04 FEEDTUBE ASSEMBLY FOR THE S5 (INVERTED MOUNT)

DESCRIPTION	PVC Stake Adapter	4 mm x 12" (30.5 cm) Flexible PVC Feedtube & LT0, 4 mm Barb	4 mm x 18" (61 cm) Flexible PVC Feedtube & LT0, 4 mm Barb	4 mm x 24" (61 cm) Flexible PVC Feedtube & LT0, 4 mm Barb	PVC Adapter, 4 mm x 12" (30.5 cm) Flexible PVC Feedtube/LT0, 4 mm Barb	4 mm x 18" (48 cm) Flexible PVC Feedtube/LT0, 4 mm Barb	4 mm x 24" (61 cm) Flexible PVC Feedtube/LT0, 4 mm Barb
PART NO.	11258	9960-912	9960-918	9960-924	12422-012	12422-018	12422-024
	(Gray) — 4 mm	Barb Assembly	Barb Assembly	Barb Assembly	Complete Assembly	Complete Assembly	Complete Assembly
1-4,999	**$0.85**	**$0.55**	**$0.61**	**$0.68**	**$1.75**	**$1.80**	**$1.93**
5,000-19,999	**$0.84**	**$0.54**	**$0.60**	**$0.67**	**$1.72**	**$1.77**	**$1.90**
20,000-49,999	**$0.83**	**$0.53**	**$0.59**	**$0.66**	**$1.70**	**$1.75**	**$1.87**
50,000-99,999	**$0.82**	**$0.52**	**$0.58**	**$0.65**	**$1.67**	**$1.72**	**$1.84**
100,000 & OVER	**$0.80**	**$0.51**	**$0.57**	**$0.64**	**$1.64**	**$1.69**	**$1.81**

30" (76 cm) feedtube not available as stake assembly.

S5 SPINNER W/ WINE 5° PLATE / FLOW & RADIUS (U.S. & Metric Units)



		PRESSURE IN PSI												PRESSURE IN BAR									
		15		20		25		30		35		40		1.0		1.5		1.75		2.0		2.5		2.75	
NOZZLE	PART NO.	GPH	R (FT.)	GPH	R (FT.)	GPH	R (FT.)	GPH	R (FT.)	GPH	R (FT.)	GPH	R (FT.)	LPH	R (M)	LPH	R (M)	LPH	R (M)	LPH	R (M)	LPH	R (M)	LPH	R (M)
"35 Orange	**11826-235**					9.5	10	10.5	10	11.4	10	12.1	10					36	3.0	39	3.0	44	3.0	46	3.0
"40 Blue	**11826-240**	9.3	9	10.8	10	12.2	10	13.3	11	14.4	11	15.5	11			43	3.0	46	3.0	49	3.4	56	3.4	59	3.4
"45 Purple	**11826-245**	11.7	10	13.7	10	15.4	11	16.8	11	18.2	11	19.6	11	44	3.0	54	3.0	59	3.4	63	3.4	67	3.4	74	3.4
"50 Green	**11826-250**	14.3	10	16.8	10	18.8	11	20.6	11	22.3	12			53	3.0	66	3.0	72	3.4	77	3.4	81	3.7		
"55 Yellow	**11826-255**	17.4	10	20.3	11	22.8	11	25	12					65	3.0	80	3.4	87	3.4	93	3.7				
8.5 Orange 5FC*	**11826-209**					*	10	*	9	*	9	*	8					*	3.0	*	2.7	*	2.7	*	2.4
11 Blue 5FC*	**11826-211**			*	10	*	11	*	10	*	9	*	9			*	3.0	*	3.4	*	3.0	*	2.7	*	2.7
14 Purple 5FC*	**11826-214**	*	10	*	10	*	11	*	11	*	11	*	11	*	3.0	*	3.0	*	3.4	*	3.4	*	3.4	*	3.4
18 Yellow 5FC*	**11826-218**	*	9	*	10	*	11	*	12	*	12			*	2.7	*	3.0	*	3.4	*	3.7	*	3.7		
24 Red 5FC*	**11826-224**	*	9	*	11	*	12	*	13					*	2.7	*	3.4	*	3.7	*	4.0				

*When using recommended pressures for a given plate and nozzle configuration, 5FC Flow Control Nozzles are flow regulating within a flow range of no more than 3% greater and 5% less than the nominal flow. 8.5 Orange 5FC nominal flow is 8.5 GPH (32 LPH), 11 Blue 5FC nominal flow is 11 GPH (42 LPH), 14 Purple 5FC nominal flow is 14 GPH (53 LPH), 18 Yellow 5FC nominal flow is 18 GPH (86 LPH), 24 Red 5FC nominal flow is 24 GPH (91 LPH).

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UPRIGHT & INVERTED NURSERY SOLUTIONS



THE PERFORMANCE AND VERSATILITY OF NELSON SPRINKLERS OFFER UP A NUMBER OF GREENHOUSE WATERING SOLUTIONS. TO MINIMIZE CLUTTER AND MAXIMIZE EFFICIENCY, THE S10, D10, AND R10TG (INVERTED OR UPRIGHT) ARE IDEAL SINGLE-ROW SOLUTIONS.

R10TG ROTATOR®

9914-8XXX

THREAD/PLATE
1/2" with Gray plate 0°= 000
1/2" with Green plate 7° = 001
1/2" with Black plate 24° = 002
Acme with Gray plate 0° = 003
Acme with Green plate 7° = 004
Acme with Black plate 24° = 005

12927-XXXX (Assembled)

NOZZLE

THREAD
1/2" = 1
Acme = 2

PLATE
Green 7° = 1
Black 24° = 2
Gray 0°= 3

EXAMPLE:
R10TG Rotator with Acme Thread (2), Green Plate (1) and Red #16 Nozzle (16) = #12927-2116

DESCRIPTION	9914-8xxx R10TG Plate & Body Assembly (Specify plate & base)	9306-xxx 2TN Nozzle (Specify size: 10, 11, 12, 13, 14, 15, 16, 17, 18 or 20)	12927-xxxx R10TG Assembly w/ Body, Plate & 2TN Nozzle (Specify 1/2" or Acme Base - Acme requires adapter)	9465 Adapter (Male Acme x 3/8", 1/2" or 3/4" MNPT)	10060-xxx PVC Adapter (Male Acme x 1/2", 3/4" or 25mm Slip)	Complete R10TG with PVC Adapter	Complete R10TG with Threaded Adapter
BOX	12x12x9"	12x12x5"	12x12x9"	13x13x17"	13x13x17"		
QTY/BOX	300	1200	300/600	2500/2000/1500	950/700		
LBS/BOX	10	4	11/23	39/40/44	36/32		
1-2,499	**$6.25**	**$0.45**	**$6.70**	**$1.28**	**$1.09**	**$7.79**	**$7.98**
2,500-9,999	**$6.16**	**$0.44**	**$6.60**	**$1.26**	**$1.07**	**$7.67**	**$7.86**
10,000-24,999	**$6.07**	**$0.44**	**$6.51**	**$1.24**	**$1.06**	**$7.57**	**$7.75**
25,000-49,000	**$5.97**	**$0.43**	**$6.40**	**$1.22**	**$1.04**	**$7.44**	**$7.62**
50,000 & OVER	**$5.88**	**$0.42**	**$6.30**	**$1.20**	**$1.02**	**$7.32**	**$7.50**

NOZZLES AND ADAPTER OPTIONS

2TN NOZZLES	PART NO.	FLOW IN GPM @ 35 PSI	FLOW IN LPH @ 2.5 BAR
#10 Blue	*9306-078	1.05	242
#11 Orange	*9306-086	1.27	294
#12 Purple	*9306-094	1.50	347
#13 Yellow	*9306-102	1.78	411
#14 Green	*9306-109	2.00	463
#15 Tan	*9306-117	2.35	544
#16 Red	*9306-125	2.70	624
#17 Turquoise	*9306-133	3.08	711
#18 Gold	*9306-141	3.44	795
#20 Brown	*9306-156	4.18	966







DESCRIPTION	Male Acme X PVC Socket Adapter	Male Acme X MNPT Adapter	Threaded Cap for Acme Adapter	Female Acme X 1/2" PVC Spigot	Pressure Gauge Tap Kit
PART NO.			10615	10352	
	1/2" - 10060-001 3/4" - 10060-002 25mm - 10060-003	3/8" - 9465 1/2" - 9316-002 3/4" - 9466	Connects to Acme thread and acts as a shut-off cap.	Enables easy attachment to a PVC riser.	**10366-001** 0-60 PSI **10366-002** 0-100 PSI **10366-003** 0-160 PSI
PRICE	See qty. prices above.		$0.85	$0.87	$49.17

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PROBLEM

"I like the water pattern spinners create, and I'm looking for an economical single-row solution for my greenhouse.

SOLUTION

"With it's high flow capacity, high uniformity and large radius, you can space S10s relatively far apart. Less product, less cost, better results."

S10

10078-XXXX

PLATE
Green 7° = 1
Black 24° = 2
Gray 0° = 3

THREAD
Acme = 000
1/2" = 001

12884-XXXX (Assembled)

NOZZLE

THREAD
1/2" = 1
Acme = 2

PLATE
Green 7° = 1
Black 24° = 2
Gray 0° = 3

EXAMPLE:
S10 Spinner with Acme Thread (2), Green Plate (1) and Turquoise #17 Nozzle (17) = #12884-2117

DESCRIPTION	10078-xxx S10 Spinner Plate & Body Assembly (Specify plate & base)	9306-xxx 2TN Nozzle (Specify size: 10, 11, 12, 13, 14, 15, 16, 17, 18 or 20)	12884-xxx S10 Assembly w/ Body, Plate & 2TN Nozzle (Specify 1/2" or Acme Base - Acme requires adapter)	9465 Adapter (Male Acme x 3/8", 1/2" or 3/4" MNPT)	10060-xxx PVC Adapter (Male Acme x 1/2", 3/4" or 25mm Slip)	Complete S10 with PVC Adapter	Complete S10 with Threaded Adapter
BOX	12x12x9"	12x12x5"	12x12x9"	13x13x17"	13x13x17"		
QTY/BOX	300	1200	300	2500/2000/1500	950/700		
LBS/BOX	9	4	10	39/40/44	36/32		
1-2,499	**$8.42**	**$0.45**	**$8.87**	**$1.28**	**$1.09**	**$9.96**	**$10.15**
2,500-9,999	**$8.29**	**$0.44**	**$8.73**	**$1.26**	**$1.07**	**$9.80**	**$9.99**
10,000-24,999	**$8.17**	**$0.44**	**$8.61**	**$1.24**	**$1.06**	**$9.67**	**$9.85**
25,000-49,000	**$8.05**	**$0.43**	**$8.48**	**$1.22**	**$1.04**	**$9.52**	**$9.70**
50,000 & OVER	**$7.92**	**$0.42**	**$8.34**	**$1.20**	**$1.02**	**$9.36**	**$9.54**



10135-XXX

THREAD
Acme = 001
1/2" = 002

12928-XXXX (Assembled)

THREAD
1/2" = 10
Acme = 20

NOZZLE

EXAMPLE:
D10 Spray with Acme Thread (20) and Turquoise #17 Nozzle (17) = #12928-2017

D10

0° Trajectory

DESCRIPTION	10135-xxx D10 Spray Plate & Body Assembly (Specify plate & base)	9306-xxx 2TN Nozzle (Specify size: 10, 11, 12, 13, 14, 15, 16, 17, 18 or 20)	12928-xxxx D10 Assembly w/ Body, Plate & 2TN Nozzle (Specify 1/2" or Acme Base - Acme requires adapter)	9465 Adapter (Male Acme x 3/8", 1/2" or 3/4" MNPT)	10060-xxx PVC Adapter (Male Acme x 1/2", 3/4" or 25mm Slip)	Complete D10 with PVC Adapter	Complete D10 with Threaded Adapter
BOX	12x12x9"	12x12x5"	12x12x9"	13x13x17"	13x13x17"		
QTY/BOX	300	1200	300	2500/2000/1500	950/700		
LBS/BOX	8	4	9	39/40/44	36/32		
1-2,499	**$3.95**	**$0.45**	**$4.40**	**$1.28**	**$1.09**	**$5.49**	**$5.68**
2,500-9,999	**$3.89**	**$0.44**	**$4.33**	**$1.26**	**$1.07**	**$5.40**	**$5.59**
10,000-24,999	**$3.83**	**$0.44**	**$4.27**	**$1.24**	**$1.06**	**$5.33**	**$5.51**
25,000-49,000	**$3.77**	**$0.43**	**$4.20**	**$1.22**	**$1.04**	**$5.24**	**$5.42**
50,000 & OVER	**$3.71**	**$0.42**	**$4.13**	**$1.20**	**$1.02**	**$5.15**	**$5.33**

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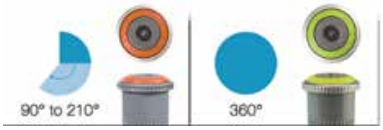
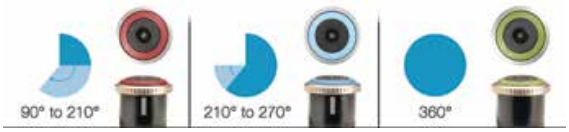
MP ROTATOR® SPRINKLERS

FOR TURF, GREENHOUSE & NURSERY

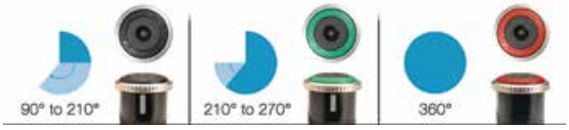
CALL FACTORY FOR PRICING — ORDER IN QUANTITIES OF 10



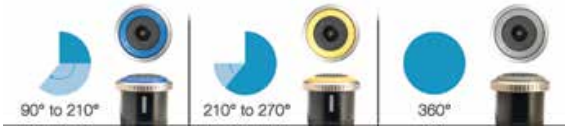
MP800SR 6-12' Radius
MP800SR (female thread) = 12322-1210, 12322-1360



MP1000 8-15' Radius, Stream Height @ 30 PSI = 16"
MP1000 (female thread) = 10759-1210, 10759-1270, 10759-1360
MP1000T (male thread) = 10760-1210, 10760-1270, 10760-1360



MP2000 13-21' Radius, Stream Height @ 30 PSI = 40"
MP2000 (female thread) = 10489-1210, 10489-1270, 10489-1360
MP2000T (male thread) = 10563-1210, 10563-1270, 10563-1360



MP3000 22-30' Radius, Stream Height @ 40 PSI = 79"
MP3000 (female thread) = 10661-1210, 10661-1270, 10661-1360
MP3000T (male thread) = 10662-1210, 10662-1270, 10662-1360

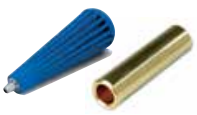


MP3500 31-35' Radius,
MP3500 (female thread) = 11247-1210

MP Corner 8-15' Radius, Stream Height @ 30 PSI = 10"
MP Corner (female thread) = 10962-1105
MP Corner T (male thread) = 10979-1105



MP STRIPS 5X15' Pattern
MP Left Strip 11009-002, **MP Side Strip** 11009-001, **MP Right Strip** 11009-003
MP Left Strip T 11010-002, **MP Side Strip T** 11010-001, **MP Right Strip T** 11010-003

DESCRIPTION	PART NUMBER	
MP ROTATOR REPLACEMENT SCREENS		
MP800SR 90-210	12331	
MP800SR 360; MP1000/2000/Corner/Strips (white)	10515-001	
MP1000T/2000T/Corner T/Strips T (light blue)	10580-001	
MP3000 (light green)	10655	
MP3000T (tan)	10580-002	
MP ROTATOR ADJUSTMENT TOOLS, ETC.		
Arc/Radius Adjustment Tool	10562	
MP Matchstick Tool Kit (fits 1" PVC Pipe)	11081	
Pressure Gauge Adapter	10600	
MP RISER (See diagram on the right)		
MP Riser (36") - ORDER IN QUANTITIES OF 10	10959	
MP RISER COMPONENTS		
MP Rotator Acme Adapter	10594	
Stake Adapter, Acme Threaded	9677	
10mm Flexible Tubing, 100' Coil	9099-002	
(LTO) Lateral Take-Off, 10mm Compression x Barb	9774	
Fiberglass Stake, .3125" (7.9mm) x 36"	10970	
MP RISER ACCESSORIES		
1/2" Compression Adapter	10623	
Acme Shut-Off Cap	10615	
Punch Tool, Blue	9810	
Stake Installation Tool — 5/16" (8mm)	10288	

Schrader Valve Not Included

MINI REGULATOR DRAIN CHECK

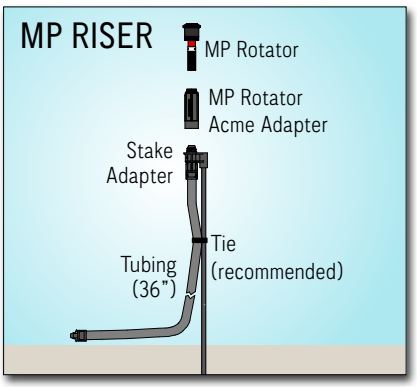


See page 49. Requires 10594 MP Rotator Acme Adapter. Use 30, 40 or 50 PSI 10406-xxx (1/2" FNPT x Acme or 10407-xxx (Acme x Acme).

MINI REGULATOR



See page 49. Requires 10594 MP Rotator Acme Adapter. Use 30, 40 or 50 PSI 10020-xxx (1/2" FNPT x Acme or 10099-xxx (Acme x Acme).



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MINI PRESSURE REGULATORS/ DRAIN CHECKS

*Mini Regulator Drain Check (MRDC) and Mini Regulator (MR) are available in 20, 30, 35, 40, 45, 50, 55 or 60 PSI (1.4, 2.1, 2.4, 2.8, 3.1, 3.4 or 4.1 BAR) nominal pressures in the connection types shown below. **The Mini Drain Check (MDC) is a check valve only that opens at or near the available 20 or 35 PSI (1.4-2.4 BAR) nominal pressures in the connection types shown below.

1/2" MINI PRESSURE REGULATORS & DRAIN CHECKS





DESCRIPTION	Mini Regulator Drain Check* (Brown)	Mini Regulator* (Gray)	Mini Drain Check** (Green)
BOX	12x12x9"	12x12x9"	12x12x9"
QTY/BOX	150	150	150
LBS/BOX	18	18	18
1-249	$9.37	$8.51	$7.73
250-999	$9.23	$8.39	$7.61
1,000-2,499	$9.10	$8.26	$7.50
2,500-4,999	$8.96	$8.14	$7.39
5,000 & OVER	$8.82	$8.01	$7.27

1/2" FNPT INLET X 1/2" MNPT OUTLET



MRDC **11150-0XX**
MR **11146-0XX**
MDC **11154-020 or -035**

1/2" FNPT INLET X ACME OUTLET



MRDC **10406-0XX**
MR **10020-0XX**
MDC **11140-020 or -035**

ACME INLET X ACME OUTLET



MRDC **10407-0XX**
MR **10099-0XX**
MDC **11139-020 or -035**

3/4" & 1" PRESSURE REGULATORS









DESCRIPTION	3/4" FNPT Uni-Flo	3/4" HT (Hose Thread) Uni-Flo	3/4" FNPT Hi-Flo	1" FNPT Uni-Flo (PR Series)	1" FBSPT Uni-Flo (PR Series)
BOX	12x12x13"	12x12x13"	12x12x11"	Contact Factory for pricing information.	Contact Factory for pricing information.
QTY/BOX	100	100	50		
LBS/BOX	30	30	25		
1-2,499	$11.21	$12.51	$17.48		
2,500-9,999	$11.04	$12.32	$17.22		
10,000-24,999	$10.88	$12.14	$16.96		
25,000-49,999	$10.72	$11.95	$16.71		
50,000 & OVER	$10.55	$11.77	$16.45		

PRESSURE	3/4" FNPT x 3/4" FNPT Uni-Flo	3/4" FNPT x 3/4" FNPT Hi-Flo
6 PSI	9491-001	9071-001
10 PSI	9491-002	9071-002
15 PSI	9491-003	9071-003
20 PSI	9491-004	9071-005
25 PSI	9491-005	9071-006
30 PSI	9491-006	9071-007
35 PSI	9491-009	9071-010
40 PSI	9491-007	9071-008
50 PSI	9491-008	9071-009
60 PSI	9491-012	N/A

PRESSURE	3/4" FHT x 3/4" MHT Uni-Flo
6 PSI	9561-001
10 PSI	9561-002
15 PSI	9561-003
20 PSI	9561-004
25 PSI	9561-005
30 PSI	9561-006
35 PSI	9561-009
40 PSI	9561-007
50 PSI	9561-008

PRESSURE	3/4" FNPT x 3/4" MHT Uni-Flo
6 PSI	9581-001
10 PSI	9581-002
15 PSI	9581-003
20 PSI	9581-004
25 PSI	9581-005
30 PSI	9581-006
35 PSI	9581-009
40 PSI	9581-007
50 PSI	9581-008

PRESSURE	3/4" FNPT x ACME Uni-Flo
30 PSI	9610-006
40 PSI	9610-007
50 PSI	9610-008

PRESSURE	1" FNPT x 1" FNPT Uni-Flo
20 PSI	11257-020
25 PSI	11257-025
30 PSI	11257-030
40 PSI	11257-040
50 PSI	11257-050

PRESSURE	1"FBSPT x 1" FBSPT Uni-Flo
20 PSI	11420-020
25 PSI	11420-025
30 PSI	11257-030
35 PSI	11420-035
40 PSI	11420-040
50 PSI	11420-050

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SPRAY STAKE ASSEMBLIES

PC SPRAY STAKE ASSEMBLIES

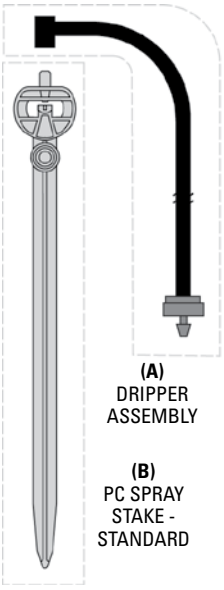
Pressure Compensating - Standard with Flex PE Tubing

For complete assembly: Order one (A) Dripper Assembly and one (B) PC Spray Stake

	Item Number	Model Number	Stake	Pattern	Tube Length	Pack Qty	Price Pack	Price Each
	3.2 GPH PLUM STAKE							
A	40201-002020	01PSD032-36B	-	-	36″	25	25.25	1.01
A	40201-024700	01PSD032-48B	-	-	48″	25	27.25	1.09
B	22500-002030	01PSDS-PL1-B	Standard	Single	-	50	19.50	0.39
B	22500-005030	01PSDSR-PL1-B	Rod Mount	Single	-	50	19.50	0.39
	6.6 GPH GREY STAKE							
A	40201-002320	01PSD066-36B	-	-	36″	25	25.25	1.01
A	40201-024800	01PSD066-48B	-	-	48″	25	27.25	1.09
B	22500-002130	01PSDS-GY1-B	Standard	Single	-	50	19.50	0.39
B	22500-002230	01PSDS-GY2-B	Standard	Double	-	50	19.50	0.39
B	22500-005180	01PSDSR-GY1-B	Rod Mount	Single	-	50	19.50	0.39
B	22500-005330	01PSDSR-GY2-B	Rod Mount	Double	-	50	19.50	0.39
	7.9 GPH BROWN STAKE							
A	40201-024950	01PSD079-36B	-	-	36″	25	25.25	1.01
A	40201-024960	01PSD079-48B	-	-	48″	25	27.25	1.09
B	22500-002740	01PSDS-BR1-B	Standard	Single	-	50	19.50	0.39
B	22500-003100	01PSDS-BR2-B	Standard	Double	-	50	19.50	0.39
B	22500-005530	01PSDSR-BR1-B	Rod Mount	Single	-	50	19.50	0.39
B	22500-005730	01PSDSR-BR2-B	Rod Mount	Double	-	50	19.50	0.39
	10.6 GPH BLUE STAKE							
A	40201-024910	01PSD106-36B	-	-	36″	25	25.25	1.01
A	40201-024900	01PSD106-48B	-	-	48″	25	27.25	1.09
B	22500-002420	01PSDS-BL1-B	Standard	Single	-	50	19.50	0.39
B	22500-002670	01PSDS-BL2-B	Standard	Double	-	50	19.50	0.39
B	22500-005880	01PSDSR-BL1-B	Rod Mount	Single	-	50	19.50	0.39
B	22500-006030	01PSDSR-BL2-B	Rod Mount	Double	-	50	19.50	0.39

Minimum operating pressure - 22 psi

NOTE: Sold in Pack Quantities ONLY.



(A) DRIPPER ASSEMBLY

(B) PC SPRAY STAKE - STANDARD



(B) PC SPRAY STAKE - ROD MOUNT

SPRAY STAKES

Non-Pressure Compensating

Item Number	Model Number	Description	Bag Qty	Price Bag	Price Each
22500-001030	01SSYL-B	Yellow Stake 3.0 GPH	100	29.00	0.29
22500-001120	01SSGN-B	Green Stake 5.0 GPH	100	29.00	0.29
22500-001220	01SSBK-B	Black Stake 7.0 GPH	100	29.00	0.29

NOTE: Sold in Bag Quantities ONLY.



FLEX BLACK POLYETHYLENE (PE) TUBING (5/3 mm)

Item Number	Model Number	Description	Coil Length	Price Coil (ea)	Price Per 1,000′
40001-002000	15FPE53	Flex Black PE Tubing 5/3 mm	3,000′	222.39	74.13
40001-001980	15FPE53-1000	Flex Black PE Tubing 5/3 mm	1,000′	74.13	74.13

PRE-CUT FLEX BLACK POLYETHYLENE (PE) TUBING (5/3 mm)

Item Number	Model Number	Length	Pack Qty	Price Pack	Price Each
40001-001300	15FPE53-36	36″	100	48.00	0.48
40001-001400	15FPE53-48	48″	100	63.00	0.63

NOTE: Sold in Pack Quantities ONLY.

DRIPPER AND STAKE ASSEMBLIES



WPCJ DRIPPER
.5 GPH
01WPCJL2-B OR
21520-001040

SUPER FLEX UV WHITE PE TUBE
15FPEW53-XX

SLIMLINE EZ CLOSE WEIGHT
1107008SC-B OR
00130-000033

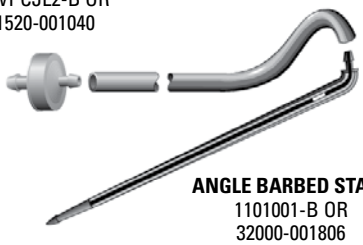
SLIMLINE EZ CLOSE™ WEIGHT ASSEMBLIES (0.5 GPH)

Pressure Compensating with Check Valve and Shut-Off Feature
Standard with Super Flex UV White PE Tubing

Item Number	Model Number	Tube Length	Pack Qty	Price Pack	Price Each
40201-015402	01HBA2W-18	18″	25	30.75	1.23
40201-015403	01HBA2W-24	24″	25	33.00	1.32
40201-015405	01HBA2W-36	36″	25	35.50	1.42
40201-015406	01HBA2W-48*	48″	25	46.00	1.84

*All tube lengths greater than 36″ are assembled with a WPC5 dripper. 1.0 and 2.0 GPH also available.

NOTE: Sold in Pack Quantities ONLY.



WPCJ DRIPPER
.5 GPH
01WPCJL2-B OR
21520-001040

SUPER FLEX UV WHITE PE TUBE
15FPEW53-XX

ANGLE BARBED STAKE
1101001-B OR
32000-001806

DRIPPER STAKE ASSEMBLIES (0.5 GPH)

Pressure Compensating with CNL Check Valve Feature
Standard with Super Flex UV White PE Tubing

Item Number	Model Number	Tube Length	Pack Qty	Price Pack	Price Each
40201-020600	01WPCJL2AW-24	24″	25	27.25	1.09
40201-020700	01WPCJL2AW-30	30″	25	28.25	1.13
40201-021000	01WPCJL2AW-36	36″	25	29.50	1.18

1.0 and 2.0 GPH assemblies also available.

NOTE: Sold in Pack Quantities ONLY.



① ② ③ ④ ⑤ ⑥ ⑦

DRIPPER AND SPRAY STAKE ASSEMBLY COMPONENTS

Key	Item Number	Model Number	Description	Bag Qty	Price Bag	Price Each
1	32500-001125	1109006-B	5 mm Insert Connector - Barb x Threaded	250	55.00	0.22
2	32000-002525	11002520-B	5 mm Elbow	50	10.00	0.20
3	32000-002030	11WPCON-B	3 mm Flex Tube Adapter (for nipple outlet drippers)	250	45.00	0.18
4	32000-001806	1101001-B	Angle Barbed Stake	250	57.50	0.23
5	32000-002220	1107008C-B	Red Plastic Weight with Shut-off Feature	25	16.50	0.66
6	32500-001335	11090552-B	5 mm Tee Barb x Threaded x Threaded	250	72.50	0.29
7	00130-000033	1107008SC-B	Slimline EZ Close White Weight	25	15.75	0.63

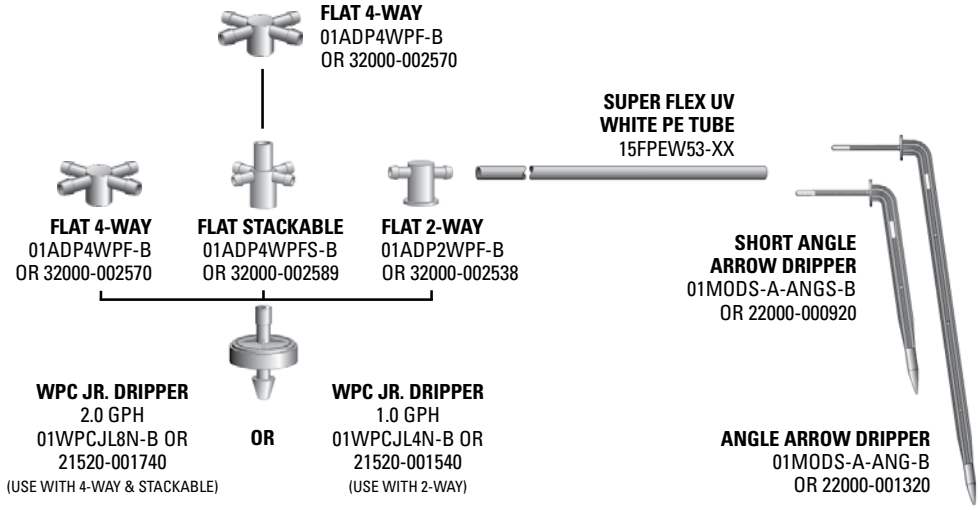
NOTE: Sold in Bag Quantities ONLY.

DRIPPER ASSEMBLIES

MULTI-OUTLET DRIPPER ASSEMBLIES

For a complete assembly, order one **A** Manifold Assembly and one **B** Woodpecker Pressure Compensating Junior Dripper.

The flow per arrow dripper is equal to the dripper flow divided by the number of arrow drippers on that assembly. To ensure plants will receive equal water flow, use the same assemblies on each zone.





FLAT 4-WAY MULTI-OUTLET DRIPPER ASSEMBLIES

Standard with Super Flex UV White PE Tubing

	Item Number	Model Number	Arrow Dripper	Tube Lengths	Pack Qty	Price Pack	Price Each
	40201-002550	014DM-1818F	Standard	(4) at 18"	25	71.00	2.84
	40201-002600	014DM-1818FS	Short	(4) at 18"	25	63.25	2.53
	40201-003200	014DM-1830F	Standard	(2) at 18" & (2) at 30"	25	78.75	3.15
A	40201-003300	014DM-1830FS	Short	(2) at 18" & (2) at 30"	25	71.00	2.84
	40201-003600	014DM-2424F	Standard	(4) at 24"	25	78.00	3.12
	40201-003800	014DM-2424FS	Short	(4) at 24"	25	71.00	2.84
	40201-003900	014DM-2436F	Standard	(2) at 24" & (2) at 36"	25	83.00	3.32
	40201-004400	014DM-3030F	Standard	(4) at 30"	25	83.50	3.34
B	21520-001740	01WPCJL8N-B	WPC Jr. Dripper 2.0 GPH		250	104.53	-

NOTE: Sold in Pack Quantities ONLY.



FLAT STACKABLE MULTI-OUTLET DRIPPER ASSEMBLIES

Standard with Super Flex UV White PE Tubing

	Item Number	Model Number	Arrow Dripper	Tube Lengths	Pack Qty	Price Pack	Price Each
	40201-007500	014DMS-1818F	Standard	(4) at 18"	25	71.00	2.84
A	40201-008000	014DMS-2424F	Standard	(4) at 24"	25	78.00	3.12
	40201-008200	014DMS-2436F	Standard	(2) at 24" & (2) at 36"	25	83.00	3.32
	40201-008400	014DMS-3030F	Standard	(4) at 30"	25	83.50	3.34
B	21520-001740	01WPCJL8N-B	WPC Jr. Dripper 2.0 GPH		250	104.53	-

NOTE: Sold in Pack Quantities ONLY.



FLAT 2-WAY MULTI-OUTLET DRIPPER ASSEMBLIES

Standard with Super Flex UV White PE Tubing

	Item Number	Model Number	Arrow Dripper	Tube Lengths	Pack Qty	Price Pack	Price Each
A	40201-001500	012DM-2424F	Standard	(2) at 24"	25	44.25	1.77
	40201-001700	012DM-3030F	Standard	(2) at 30"	25	47.25	1.89
B	21520-001540	01WPCJL4N-B	WPC Jr. Dripper 1.0 GPH		250	104.53	-

NOTE: Sold in Pack Quantities ONLY.

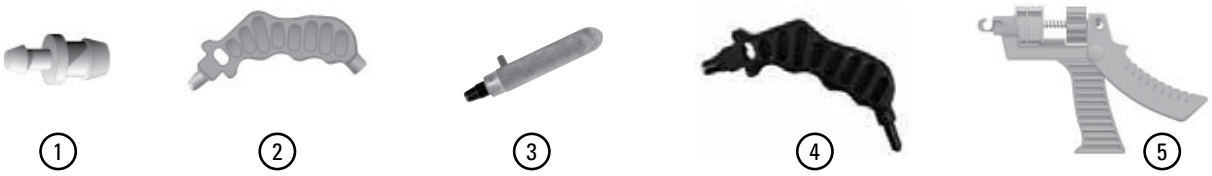
COMPONENTS



MULTI-OUTLET DRIPPER ASSEMBLY COMPONENTS

Key	Item Number	Model Number	Description	Bag Qty	Price Bag	Price Each
1	32000-002570	01ADP4WPF-B	Flat 4-Way Manifold	100	28.00	0.28
2	32000-002589	01ADP4WPFS-B	Flat 4-Way Stackable Manifold	100	28.00	0.28
3	32000-002538	01ADP2WPF-B	Flat 2-Way Manifold	100	32.00	0.32
4	22000-001320	01MODS-A-ANG-B	Angle Arrow Dripper (6 3/8" length)	100	32.00	0.32
5	22000-000920	01MODS-A-ANGS-B	Short Angle Arrow Dripper (3 3/4" length)	100	26.00	0.26
6	22000-001120	01MODS-ST-BK-B	Straight Arrow Dripper	100	32.00	0.32

NOTE: Sold in Bag Quantities ONLY.



MISCELLANEOUS COMPONENTS

Key	Item Number	Model Number	Description	Bag Qty	Price Bag	Price Each
1	32000-001010	1107737-B	Goof Plug	10	2.20	0.22
2	45000-001200	682901033	3 mm Plastic Punch (for drippers/sprinklers)	1	26.00	26.00
3	45000-001400	6804080	8 mm Metal Punch	1	55.00	55.00
4	45000-001450	PPUNCH8	8 mm Plastic Punch	1	52.00	52.00
5	45000-002270	45000-002270	Hanging Sprinkler Assy Tool for tubes over 48"	1	91.00	91.00

NOTE: Sold in Bag Quantities ONLY.

FLEX BLACK POLYETHYLENE (PE) AND PVC TUBING (5/3 mm)

Item Number	Model Number	Description	Coil Length	Price Coil (ea)	Price Per 1,000'
40001-002000	15FPE53	Flex Black PE Tubing 5/3 mm	3,000'	222.39	74.13
40001-001980	15FPE53-1000	Flex Black PE Tubing 5/3 mm	1,000'	74.13	74.13
76301-000002	15PVC53	Flex Black PVC Tubing 5/3 mm	1,000'	132.19	132.19

SUPER FLEX UV WHITE™ POLYETHYLENE (PE) TUBING (5/3 mm)

Item Number	Model Number	Description	Coil Length	Price Coil (ea)	Price Per 1,000'
40001-002500	15FPEW53	Super Flex UV White PE Tubing 5/3 mm	1,000'	81.72	81.72

PRE-CUT SUPER FLEX UV WHITE™ POLYETHYLENE (PE) TUBING (5/3 mm)

Item Number	Model Number	Length	Pack Qty	Price Pack	Price Each
40001-002800	15FPEW53-18	18"	100	29.00	0.29
40001-002900	15FPEW53-24	24"	100	33.00	0.33
40001-003100	15FPEW53-30	30"	100	40.00	0.40
40001-003200	15FPEW53-36	36"	100	48.00	0.48

NOTE: Sold in Pack Quantities ONLY.



Netafim

DRIPPERS



WOODPECKER PRESSURE COMPENSATING JUNIOR DRIPPERS (WPCJ)

With CNL Check Valve Feature and Barbed Outlet
Minimum Operating Pressure 10.2 psi
Used with SlimLine EZ Close™ Weight, Dripper Stake and PC Spray Stake Assemblies

Item Number	Model Number	Color-Coded Inlet/Outlet	Nominal Flow (GPH)	Carton Quantity	Bag Quantity	Price Per Carton or Bag	Price Per 1,000
21520-000950	01WPCJL1.2	Brown	0.32	13,000	-	4,765.80	366.60
21520-000930	01WPCJL1.2-B			-	250	104.53	418.10
21520-001051	01WPCJL2	Red	0.5	13,000	-	4,765.80	366.60
21520-001040	01WPCJL2-B			-	250	104.53	418.10
21520-001250	01WPCJL3	Blue	0.7	13,000	-	4,765.80	366.60
21520-001230	01WPCJL3-B			-	250	104.53	418.10
21520-001460	01WPCJL4	Grey	1.0	13,000	-	4,765.80	366.60
21520-001440	01WPCJL4-B			-	250	104.53	418.10
21520-001660	01WPCJL8	Green	2.0	13,000	-	4,765.80	366.60
21520-001640	01WPCJL8-B			-	250	104.53	418.10
21520-001698	01WPCJL12	Plum/Black	3.2	13,000	-	4,765.80	366.60
21520-001690	01WPCJL12-B			-	250	104.53	418.10
21630-001540	01WPCJL25	Orange/Grey	6.6	13,000	-	4,765.80	366.60
21630-001530	01WPCJL25-B			-	250	104.53	418.10
21630-001740	01WPCJL30	Orange/Brown	7.9	13,000	-	4,765.80	366.60
21630-001730	01WPCJL30-B			-	250	104.53	418.10
21630-002140	01WPCJL40	Orange/Blue	10.6	13,000	-	4,765.80	366.60
21630-002135	01WPCJL40-B			-	250	104.53	418.10

NOTE: Drippers Sold in Bag or Carton Quantities ONLY.



WOODPECKER PRESSURE COMPENSATING JUNIOR DRIPPERS (WPCJ)

With CNL Check Valve Feature and Nipple Outlet
Minimum Operating Pressure 10.2 psi
Used with Multi-Outlet Dripper Assemblies

Item Number	Model Number	Color-Coded Inlet	Nominal Flow (GPH)	Carton Quantity	Bag Quantity	Price Per Carton or Bag	Price Per 1,000
21520-001155	01WPCJL2N	Red	0.5	12,000	-	4,399.20	366.60
21520-001140	01WPCJL2N-B			-	250	104.53	418.10
21520-001560	01WPCJL4N	Grey	1.0	12,000	-	4,399.20	366.60
21520-001540	01WPCJL4N-B			-	250	104.53	418.10
21520-001760	01WPCJL8N	Green	2.0	12,000	-	4,399.20	366.60
21520-001740	01WPCJL8N-B			-	250	104.53	418.10

NOTE: Drippers Sold in Bag or Carton Quantities ONLY.



WOODPECKER PRESSURE COMPENSATING DRIPPERS (WPC)

With CNL Check Valve Feature and Nipple Outlet
Minimum Operating Pressure 14.5 psi
Used with SlimLine EZ Close™ Weight Assemblies longer than 36”

Item Number	Model Number	Nominal Flow (GPH)	Bag Quantity	Price Per Bag	Price Per 1,000
21020-001333	WPC5-250	0.5	250	145.00	580.00

NOTE: Drippers Sold in Bag Quantities ONLY.

NOTES:
The nominal flow rate in liters per hour is indicated on the cap: 1, 2, 3, 4, and 8.
The barbed outlet fits Super Flex UV White PE Tubing, 15FPEW53 or Super Flex Black PE Tubing, 15FPE53.

SPRINKLERS

MEGANET ROTATING IMPACT SPRINKLER

½" Male Threaded Connection - Nominal Flow Rate at 33 psi

Item Number	Model Number	Description	Nominal Flow Rate	Trajectory	Price Each
63600-001700	MGN24D-088HO	Sprinkler Head Only - Yellow Nozzle	0.88 GPM		8.40
63600-001750	MGN24D-110HO	Sprinkler Head Only - Purple Nozzle	1.10 GPM		8.40
63600-001000	MGN24D-154HO	Sprinkler Head Only - Green Nozzle	1.54 GPM		8.40
63600-002000	MGN24D-198HO	Sprinkler Head Only - Blue Nozzle	1.98 GPM	High	8.40
63600-003000	MGN24D-242HO	Sprinkler Head Only - Brown Nozzle	2.42 GPM	24°	8.40
63600-004000	MGN24D-286HO	Sprinkler Head Only - Orange Nozzle	2.86 GPM		8.40
63600-004500	MGN24D-330HO	Sprinkler Head Only - Red Nozzle	3.30 GPM		8.40
63600-004900	MGN15D-088HO	Sprinkler Head Only - Yellow Nozzle	0.88 GPM		8.40
63600-004950	MGN15D-110HO	Sprinkler Head Only - Purple Nozzle	1.10 GPM		8.40
63600-005000	MGN15D-154HO	Sprinkler Head Only - Green Nozzle	1.54 GPM	Low	8.40
63600-006000	MGN15D-198HO	Sprinkler Head Only - Blue Nozzle	1.98 GPM	15°	8.40
63600-007000	MGN15D-242HO	Sprinkler Head Only - Brown Nozzle	2.42 GPM		8.40
63600-008000	MGN15D-286HO	Sprinkler Head Only - Orange Nozzle	2.86 GPM		8.40



VIBRO-SPRAY HIGH FLOW (HF) SPRINKLER

½" Female Threaded Connection. Nominal Flow 1 GPM at 30 psi.

Item Number	Model Number	Description	Bag Qty	Price Bag	Price Each
60500-024470	0302210-B	Vibro-Spray HF Sprinkler	25	86.00	3.44
63000-002360	032066208-B	1/2" Male Adapter x Male Micronet - Adapts to Hanging Sprinkler Assembly	25	49.75	1.99

NOTE: Sold in Bag Quantities ONLY.



VIBRO-SPRAY HF SPRINKLER



1/2" MALE ADAPTER



SPRINKLER STAND
FEMALE X BARB CONNECTOR, TUBING, 1/2" FIPT, STAKE ADAPTER



MEGANET ROAD GUARD



MEGASTAND BASE

MEGASTAND ARM

MEGASTAND RISER



MEGASTAND SPRINKLER STAND (COMPLETE)

SPRINKLER COMPONENTS

Item Number	Model Number	Description	Bag Qty	Price Bag	Price Each
64520-002305	03N20STAND0948-B	Sprinkler Stand (connects to PE Lateral) includes: connector, 48" 9mm I.D. tubing, PE barb, 1/2" FIPT, 8mm stake adapter (no stake)	25	151.75	6.07
65080-002600	03N265080002610	Female x Barb Connector for Sprinkler Stand	1	-	0.51
65080-002880	SSP	Sprinkler Stand Plug	1	-	0.52
63620-004400	MGNFIL	MegaNet Filter	1	-	0.49
63620-007000	MGNRG	MegaNet Road Guard	1	-	0.95
45000-001450	PPUNCH8	8mm Plastic Punch	1	-	52.00
45000-001400	6804080	8mm Metal Punch	1	-	55.00
63501-001210	03175648	6mm Steel Stake, 48" length	1	-	3.50
64520-002480	MGNBASE	MegaStand Base for Riser	1	-	5.90
64520-002485	MGNSUPPORTARM	MegaStand Supporting Arm for Riser	1	-	4.20
64520-002490	MGNRISER-16	MegaStand Riser 1/2" MPT x 16"	1	-	4.80

NOTE: Sold in Bag Quantities ONLY.

SPRINKLER, MISTER AND FOGGER ASSEMBLIES

ORDERING GUIDELINES

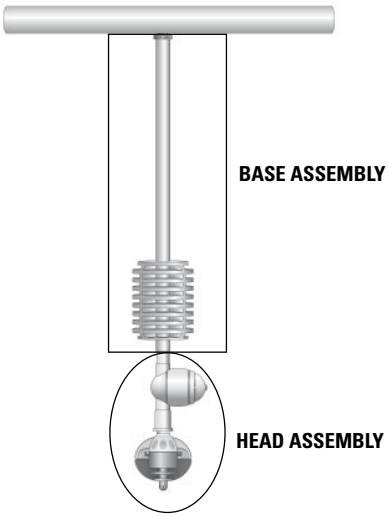
Ordering Netafim sprinkler, mister and fogger assemblies is a simple two step process:

1. Select a Sprinkler, Mister or Fogger head based on application:
   - Watering: Sprinkler
   - Germinating: Mister
   - Humidifying or Cooling: Fogger
2. Select a Base Assembly based on the type of pipe used to supply water:
   - Polyethylene
   - Threaded pipe
   - Retrofit adapter for other manufacturer's fittings

The assembly is shipped as two parts (Head Assembly and Base Assembly) to be connected by the installer in the greenhouse.

Sprinklers/Misters: Use a 35 psi regulator and 120 mesh filter.
Foggers: Use a 65 psi regulator and a 140 mesh filter.

EXAMPLE OF INSTALLED FINAL ASSEMBLY



BASE ASSEMBLIES

BARB X BARB CONNECTOR
031748W-B OR
63000-001355

SUPER FLEX UV WHITE PE (4/7 MM) TUBING

STABILIZER WEIGHT
03330C-B OR
63000-002915

BARB X FEMALE CONNECTOR
03220W-B OR
63000-001953



HANGING ASSEMBLY FOR SPRINKLERS, MISTERS OR FOGGERS

For Connection to Polyethylene (PE) Pipe

Item Number	Model Number	Tube Length	Pack Qty	Price Pack	Price Each
63000-004070	0300HSAC-12-B	12"	25	55.25	2.21
63000-004460	0300HSAC-18-B	18"	25	57.75	2.31
63000-005870	0300HSAC-24-B	24"	25	60.25	2.41
63000-006460	0300HSAC-30-B	30"	25	62.25	2.49
63000-007170	0300HSAC-36-B	36"	25	64.75	2.59
63000-008361	0300HSAC-48-B	48"	25	69.75	2.79
63000-008461	0300HSAC-48X-B	Extension*	25	37.75	1.51

Item Number	Model Number	Tube Length	Carton Qty	Price Pack	Price Each
63000-004060	0300HSAC-12	12"	200	378.00	1.89
63000-004450	0300HSAC-18	18"	200	394.00	1.97
63000-005860	0300HSAC-24	24"	200	410.00	2.05
63000-006450	0300HSAC-30	30"	150	322.50	2.15
63000-007160	0300HSAC-36	36"	150	342.00	2.28
63000-008350	0300HSAC-48	48"	150	372.00	2.48
63000-008450	0300HSAC-48X	Extension*	500	590.00	1.18

NOTE: Sold in Pack or Carton Quantities ONLY.
*For Creating Tube Lengths over 48".



1/2" ADAPTER

For Pipe Thread

Item Number	Model Number	Bag Qty	Price Bag	Price Each
63000-001210	03206-B	25	40.75	1.63



RETROFIT ADAPTER

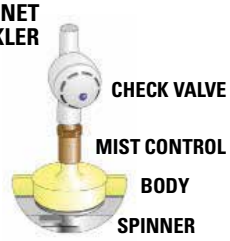
Connect Netafim head assemblies to other manufacturer's fittings

Item Number	Model Number	Bag Qty	Price Bag	Price Each
63000-002515	03302C-B	25	15.00	0.60

SPRINKLER, MISTER AND FOGGER ASSEMBLIES

HEAD ASSEMBLIES

SPINNET SPRINKLER



VIBRONET SPRINKLER



SPRINKLER HEAD ASSEMBLIES (WATERING)

Code	Item Number	Model Number	Description	Flow (GPH)	Bag Qty	Price Bag	Price Each
VN-BL	64300-001080	0354040L-B	VibroNet Blue Sprinkler	9.2	25	100.50	4.02
VN-GN	64300-005110	0354050L-B	VibroNet Green Sprinkler	11.7	25	100.50	4.02
R-R-BL	64200-032030	0355120070BL-B	SpinNet Red Mist, Red Body, Blue Spinner	18.4	25	100.50	4.02
BR-BR-BL	64200-033030	0355160090BL-B	SpinNet Brown Mist, Brown Body, Blue Spinner	23.4	25	100.50	4.02
R-R-GY	64200-001302	03551200070L-B	SpinNet Red Mist, Red Body, Grey Spinner	18.4	25	100.50	4.02
BR-Y-GY	64200-001805	03552000090L-B	SpinNet Brown Mist, Yellow Body, Grey Spinner	23.4	25	100.50	4.02
R-R-GN	64200-010805	03551200070GL-B	SpinNet Red Mist, Red Body, Green Spinner	18.4	25	100.50	4.02
BR-BR-GN	64200-014005	03551600090GL-B	SpinNet Brown Mist, Brown Body, Green Spinner	23.4	25	100.50	4.02

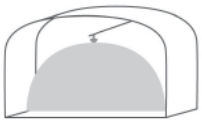
NOTE: All Head Assemblies are standard with Check Valve. Average flow at 32 psi.

NOTE: Sold in Bag Quantities ONLY.



SINGLE BENCH WITH VIBRONET SPRINKLERS

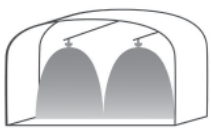
Bench Width	Spacing Between Sprinklers	Height Above Crop 2' - 3'	Height Above Crop 3' - 5'
4 ft.	3 ft.	VN-BL or VN-GN	VN-BL or VN-GN
5 ft.	3 ft.	VN-BL or VN-GN	VN-BL or VN-GN
6 ft.	3 ft.	VN-BL or VN-GN	VN-BL or VN-GN



ONE LINE FOR SINGLE BAY OR QUONSET WITH SPINNET SPRINKLERS

Bay Width	Spacing Between Sprinklers	Height Above Crop 2' - 3'	Height Above Crop 4' - 5'	Height Above Crop 6' - 7'
10 ft.	3 ft.	R-R-BL	-	-
12 ft.	3 ft.	R-R-BL	R-R-BL	-
14 ft.	3 ft.	BR-BR-BL	BR-BR-BL	R-R-BL
15 ft.	3 ft.	R-R-GY	BR-BR-BL	R-R-BL
16 ft.	3 ft.	R-R-GY	BR-Y-GY	R-R-BL
18 ft.	3 ft.	R-R-GN	BR-Y-GY	BR-Y-GY
20 ft.	3 ft.	-	R-R-GN	BR-BR-GN
22 ft.	3 ft.	-	R-R-GN	BR-BR-GN
24 ft.	3 ft.	-	-	BR-BR-GN

NOTE: For total house coverage, use multiple lines 7', 8' or 9' apart and start 3' from wall.



TWO LINE FOR SINGLE BAY OR QUONSET WITH SPINNET SPRINKLERS

Bay Width	Spacing Between Sprinklers	Spacing Between Sprinkler Lines	Height Above Crop 3'	Height Above Crop 4' - 5'	Height Above Crop 6' - 7'
20 ft.	3 ft.	11 ft.	R-R-BL	-	-
22 ft.	3 ft.	12 ft.	R-R-BL	R-R-BL	-
24 ft.	3 ft.	12 ft.	R-R-BL	R-R-BL	R-R-BL
26 ft.	3 ft.	14 ft.	BR-BR-BL	R-R-BL	R-R-BL
28 ft.	3 ft.	15 ft.	BR-BR-BL	R-R-BL	R-R-BL
30 ft.	3 ft.	16 ft.	R-R-GY	R-R-GY	BR-BR-BL
32 ft.	3 ft.	17 ft.	R-R-GN	R-R-GY	BR-BR-BL
34 ft.	3 ft.	18 ft.	R-R-GN	R-R-GY	BR-BR-BL
36 ft.	3 ft.	19 ft.	R-R-GN	R-R-GY	R-R-GN
38 ft.	3 ft.	20 ft.	BR-BR-GN	R-R-GN	R-R-GN

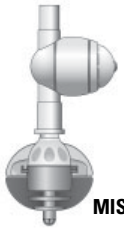
Netafim

SPRINKLER, MISTER AND FOGGER ASSEMBLIES

MISTING HEAD ASSEMBLIES (GERMINATING)

Item Number	Model Number	Description	Bag Qty	Price Bag	Price Each
64300-001080	0354040L-B	VibroNet Mister, 9.2 GPH at 32 psi Blue nozzle w/Check Valve	25	100.50	4.02

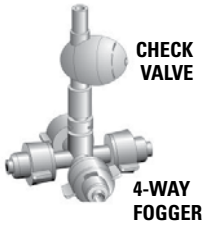
NOTE: Sold in Bag Quantities ONLY.



COOLNET PRO FOGGER HEAD ASSEMBLIES (HUMIDIFYING OR COOLING)

Item Number	Model Number	Description	Bag Qty	Price Bag	Price Each
63100-058397	0303420LL-B (Standard)	CoolNet Pro Fogger, 4 Nozzles w/Check Valve Purple Pin, 8.1 GPH @ 60 psi (opening pressure 28 psi)	25	191.25	7.65
63100-058502	0303420HL-B (Special Order)	CoolNet Pro Fogger, 4 Nozzles w/Check Valve Orange Pin, 8.1 GPH @ 60 psi (opening pressure 58 psi)	25	191.25	7.65

NOTE: Sold in Bag Quantities ONLY.



COMPONENTS

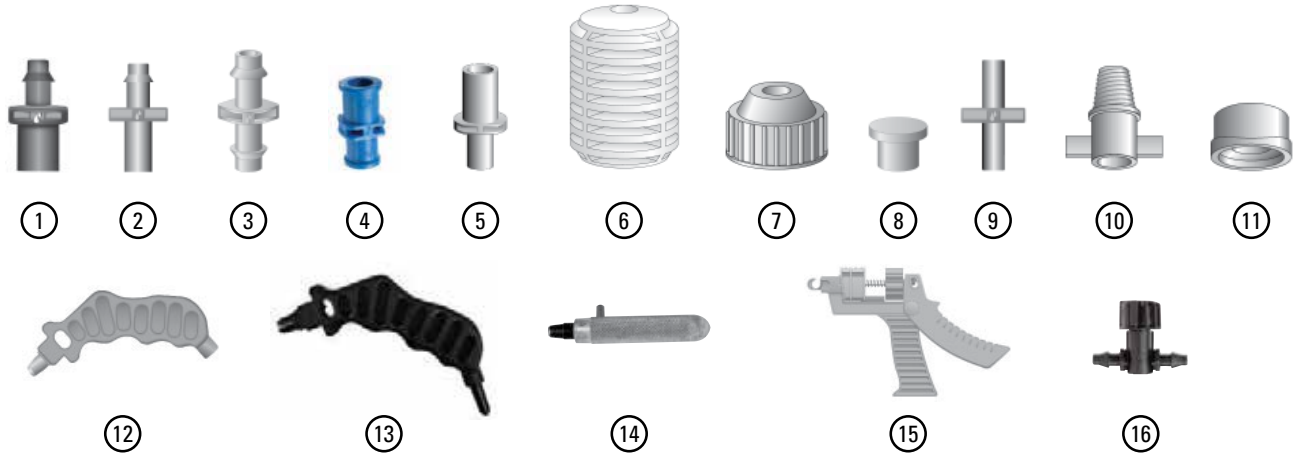


SPRINKLER, MISTER AND FOGGER COMPONENTS

Key	Item Number	Model Number	Description	Bag Qty	Price Bag	Price Each
1	64300-001010	0354040-B	VibroNet Sprinkler/Mister Blue - 9.2 GPH at 32 psi	25	46.25	1.85
	64300-005010	0354050-B	VibroNet Sprinkler Green - 11.7 GPH at 32 psi	25	46.25	1.85
	63000-002987	0340020-B	Check Valve, Blue Pin (opens 22 psi, closes 10 psi)	25	51.50	2.06
2	63000-003005	0340017-B	Check Valve, Purple Pin (opens 28 psi, closes 13 psi)	25	51.50	2.06
	63000-003205	0340037-B	Check Valve, Orange Pin (opens 58 psi, closes 26 psi)	25	51.50	2.06
	64200-032010	0355120070B-B	SpinNet Assy, Red Mist, Red Body, Blue Spinner	25	46.25	1.85
3	64200-033010	0355160090B-B	SpinNet Assy, Brown Mist, Brown Body, Blue Spinner	25	46.25	1.85
	64200-001255	03551200070-B	SpinNet Assy, Red Mist, Red Body, Grey Spinner	25	46.25	1.85
	64200-001785	03552000090-B	SpinNet Assy, Brown Mist, Yellow Body, Grey Spinner	25	46.25	1.85
	64200-010760	03551200070G-B	SpinNet Assy, Red Mist, Red Body, Green Spinner	25	46.25	1.85
	64200-013960	03551600090G-B	SpinNet Assy, Brown Mist, Brown Body, Green Spinner	25	46.25	1.85
4	63100-058305	0303420-B	CoolNet Pro Fogger 4 nozzles - 8.1 GPH at 60 psi	25	142.50	5.70
5	63120-001805	0306600-B	CoolNet Pro Fogger Blocker for 1 nozzle	25	8.00	0.32

NOTE: Sold in Bag Quantities ONLY.

COMPONENTS



ASSEMBLY COMPONENTS AND ACCESSORIES

Key	Item Number	Model Number	Description	Bag Qty	Price Bag	Price Each
1	63000-001953	03220W-B	Barb x Female Connector - White	25	7.25	0.29
2	63000-002073	03221W-B	Barb x Male Connector - White	25	7.25	0.29
3	63000-001355	031748W-B	Barb x Barb Connector	25	7.25	0.29
4	63000-002515	03302C-B	Retrofit Adapter - Female (adapts Netafim to other mfgr fittings)	25	15.00	0.60
5	63000-002610	03303-B	Retrofit Adapter - Male (adapts other mfgr sprinklers to Netafim)	25	6.25	0.25
6	63000-002915	03330C-B	White Stabilizer Weight	25	17.50	0.70
7	63000-001210	03206-B	1/2" Adapter for Pipe Thread	25	40.75	1.63
8	63000-002420	03301-B	Plug (replaces sprinkler or mister head)	100	143.00	1.43
9	63000-001420	03208W-B	Male x Male Connector - White	100	29.00	0.29
10	63000-002103	03228-B	Threaded 3/8" Connector x Female PVC Adapter	25	16.75	0.67
11	78241-002820	58-AI-B	Grommet	25	44.75	1.79
12	45000-001200	682901033	3 mm Plastic Punch (for drippers and sprinklers)	1	26.00	26.00
13	45000-001450	PPUNCH8	8 mm Plastic Punch	1	52.00	52.00
14	45000-001400	6804080	8 mm Metal Punch	1	55.00	55.00
15	45000-002270	45000-002270	Hanging Sprinkler Assembly Tool for tube lengths over 48"	1	91.00	91.00
16	76220-009360	EDTUBEMVLV-B	Manual Valve for Micro-Tubing	10	12.50	1.25

NOTE: Sold in Bag Quantities ONLY.

PIPE AND TUBING

BLACK POLYETHYLENE (PE) TUBING

Item Number	Model Number	Inside Diameter	Outside Diameter	Size	Coil Length	Price Per Coil
19951-000013	14052062	.520"	.620"	16 mm	1,000'	Call for Quote
19951-000061	14052062-05	.520"	.620"	16 mm	500'	
19951-000093	14052062-01	.520"	.620"	16 mm	100'	
19951-000014	14060070	.600"	.700"	18 mm	1,000'	Call for Quote
19951-000023	14060070-05	.600"	.700"	18 mm	500'	
19951-000060	14082094	.820"	.940"	3/4"	500'	
19951-000025	14082094-01	.820"	.940"	3/4"	100'	
19951-000022	14106120	1.06"	1.20"	1"	500'	Call for Quote
19951-000063	14106120-01	1.06"	1.20"	1"	100'	



PIPE AND TUBING

BLACK POLYETHYLENE (PE) PRE-PUNCH TUBING

Item Number	Model Number	Inside Diameter	Outside Diameter	Pre-Punch Spacing	Size	Coil Length	Price Per Coil
19951-000101	84520620-18	.520″	.620″	18″	16 mm	1,000′	Call for Quote
19951-000028	84520620-24	.520″	.620″	24″	16 mm	1,000′	
19951-000113	84820940-36	.820″	.940″	36″	3/4″	500′	Call for Quote
19951-000051	84106120-36	1.06″	1.20″	36″	1″	500′	

NOTE: Minimum purchase 3,000′ for spacings not listed above. Pricing calculated on a per punched hole basis.

BRIGHT WHITE™ POLYETHYLENE (PE) TUBING

Item Number	Model Number	Inside Diameter	Outside Diameter	Size	Coil Length	Price Per Coil
19951-000036	14BW052062-05	.520″	.620″	16 mm	500′	Call for Quote
40510-000943	14BW052062-01	.520″	.620″	16mm	500′	
19951-000037	14BW082094-01	.820″	.940″	3/4″	100′	Call for Quote
19951-000097	14BW106120-01	1.06″	1.20″	1″	100′	



BRIGHT WHITE™ POLYETHYLENE (PE) PRE-PUNCH TUBING

Item Number	Model Number	Inside Diameter	Outside Diameter	Pre-Punch Spacing	Size	Coil Length	Price Per Coil
19951-000081	84BW820940-36	.820″	.940″	36″	3/4″	500′	Call for Quote
19951-000157	84BW106120-36	1.06″	1.20″	36″	1″	500′	Call for Quote

NOTE: Minimum purchase 3,000′ for spacings not listed above. Pricing calculated on a per punched hole basis.

OVAL TUBE

Item Number	Model Number	Size	Pressure Rating (psi)	Coil Length	Price Coil (ea)
43001-000035	OT1.00-42-660	1.00″	42	660′	454.70
43001-000027	OT1.25-42-400	1.25″	42	400′	388.72
43001-000029	OT1.50-42-350	1.50″	42	350′	529.08
43001-000031	OT2.00-42-250	2.00″	42	250′	512.86

12 coils per pallet



FLEXNET™ FLEXIBLE PIPE

Item Number	Model Number	Nominal Size	Outlet Spacing	Coil Length	Price Per Coil
43003-005242	05FX02PIPE50-30		30″		721.00
43003-005342	05FX02PIPE50-36		36″		710.00
43003-005442	05FX02PIPE50-40	2″	40″	328′	698.00
43003-005542	05FX02PIPE50-60		60″		674.00
43003-005642	05FX02PIPE50-72		72″		664.00
43003-005742	05FX02PIPE50-80		80″		652.00
43003-005942	05FX03PIPE50-30		30″		924.00
43003-006042	05FX03PIPE50-36		36″		907.00
43003-006242	05FX03PIPE50-40	3″	40″	328′	889.00
43003-006342	05FX03PIPE50-60		60″		878.00
43003-006400	05FX03PIPE50-72		72″		867.00
43003-006442	05FX03PIPE50-80		80″		855.00
43002-000179	05FX02	2″	BLANK	328′	589.00
43002-000199	05FX03	3″	TUBING		768.00



DRIPLINES

DRIPLINES FOR WATERING CONTAINERS



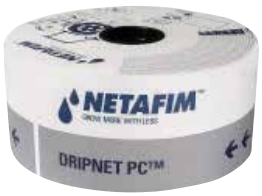
SPACE-IT™ DRIPLINE (Stocked Product)

Thinwall Dripline (8 ml .636" diameter) with Dripper Visibly Marked on Tubing
For Use Over Containers

Item Number	Model Number	Flow	Spacing	Coil Length	Price Coil (ea)	Price Per 1,000′
16523-000101	06SL8636.2DM-12	0.2 GPH	12″	9,000′	798.48	88.72
16523-000102	06SL8636.4DM-14	0.4 GPH	14″	9,000′	782.64	86.96
16523-000103	06SL8636.4DM-16	0.4 GPH	16″	9,000′	770.85	85.65
16523-000104	06SL8636.4DM-18	0.4 GPH	18″	9,000′	759.24	84.36
16523-000105	06SL8636.4DM-20	0.4 GPH	20″	9,000′	748.08	83.12
16523-000106	06SL8636.4DM-24	0.4 GPH	24″	9,000′	733.23	81.47

NOTE: Flow rates and dripper spacings not listed above are special order, non-stock products and are subject to a minimum order quantity. Contact Netafim USA Customer Service for pricing and availability.

DRIPLINES FOR FIELD PRODUCTION



DRIPNET PC DRIPLINE (Non-Stock Product)

Thinwall Pressure Compensating Dripline (13 ml, .636" diameter)

Item Number	Model Number	Flow	Spacing	Coil Length	Price Coil (ea)	Price Per 1,000′
17606-000089	06DF63613.26-12	0.26 GPH	12″	4,300′	711.39	165.44
17606-000083	06DF63613.4-18	0.4 GPH	18″	4,300′	679.62	158.05
17606-000098	06DF63613.4-24	0.4 GPH	24″	4,300′	645.60	150.14

NOTE: All items are non-stock and are subject to a minimum order of 10 coils.
Additional wall thicknesses, spacings and flow rates are available.
Contact Netafim USA Customer Service for pricing and availability.



UNIRAM DRIPLINE (Non-Stock Product)

Heavywall Pressure Compensating Dripline (18 mm)

Item Number	Model Number	Flow	Spacing	Coil Length	Price Coil (ea)	Price Per 1,000′
14201-000002	08UR18.6-12	0.6 GPH	12″	1,000′	506.47	506.47
14201-000037	08UR18.6-18	0.6 GPH	18″	1,000′	412.43	412.43
14201-000003	08UR18.6-24	0.6 GPH	24″	1,000′	361.79	361.79
14201-000005	08UR18.6-36	0.6 GPH	36″	1,000′	317.16	317.16

NOTE: All items are non-stock and are subject to a minimum order of 10 coils.
Additional wall thicknesses, spacings and flow rates are available.
Contact Netafim USA Customer Service for pricing and availability.

FITTINGS AND CONNECTORS



TWIST-LOCK FITTINGS

Fits Thinwall Dripline 0.636" I.D.

Key	Item Number	Model Number	Description	Bag Qty	Price Bag	Price Each
1	32500-016012	T630TLC-B	Coupler	50	33.00	0.66
2	00115-006450	T63036600170-B	Line End	100	59.00	0.59
3	00115-004750	T6303620017C-B	3/4" Male Threaded Adapter	100	76.00	0.76
4	00115-005150	T63036450170-B	Connector with Grommet	100	93.00	0.93
5	00115-006251	T63042440170-B25	Start Connector with Valve	25	53.00	2.12



TWIST-LOCK AND INSERT BARB FITTINGS

Fits Heavywall Dripline 16mm and 18mm

Key	Item Number	Model Number	Description	Bag Qty	Price Bag	Price Each
1	32500-010720	H520IC-B	16mm Insert Barb Coupling	50	27.00	0.54
2	32500-000701	H620TLC-B	18mm Twist-Lock Coupling	50	44.50	0.89
3	32500-011330	H520IT3-B	16mm Insert Barb Tee	100	107.00	1.07
4	32500-012530	H520IE-B	16mm Insert Barb Elbow	100	91.00	0.91
5	32500-011020	H520IMA075-B	16mm Insert Barb 3/4" Male Adapter	50	61.50	1.23
6	32500-013030	H620FIG8-B	16mm Figure 8 Line End	100	30.00	0.30
	32500-014430	H800FIG8-B	18mm Figure 8 Line End	100	65.00	0.65
7	00005-008960	58ISV520	16mm Inline Shut-off Valve	1	3.40	3.40
	00005-008970	58ISV600	18mm Inline Shut-off Valve	1	4.10	4.10

FITTINGS AND CONNECTORS

Fits 3/4" Dripline and Polyethylene Tubing

Key	Item Number	Model Number	Description	Bag Qty	Price Bag	Price Each
1	32500-021530	H820IC-B	3/4" Insert Coupling with Rings	100	134.00	1.34
4	32500-014827	H820IMA075-B	0.820" x 3/4" MPT Insert Adapter	50	79.00	1.58
5	78241-002500	58AP800	3/4" Figure 8 Line End	1	2.00	2.00
6	00005-008990	58ISV820	3/4" Inline Shut-off Valve	1	6.80	6.80

FLEXNET™ START CONNECTORS

Key	Item Number	Model Number	Description	Bag Qty	Price Bag	Price Each
1	32500-011371	05FX050MTEX636TL-B	Space-It and DripNet PC Dripline Tee	100	169.00	1.69
-	32500-011381	05FX050MELX636TL-B	Space-It and DripNet PC Dripline Elbow	100	146.00	1.46



FILTERS

MESH/MICRON

Mesh	Micron	Color
40	400	Blue
80	200	Yellow
120	130	Red
140	115	Black

FILTRATION RECOMMENDATIONS

Water Source	Filtration Method
Well*	Screen or Disc Filters
Surface (pond, lake, canal)	Disc Filters
Recirculated	Disc Filters

*A Hydrocyclone (sand separator) is recommended for well water with more than 3 PPM sand.



3/4" 1" 1 1/2" SUPER

MANUAL DISC FILTERS

Item Number	Model Number	Filter Size	Mesh	Flow Range (GPM)	Max. Pressure	Price Each
70640-001200	25A45-120	3/4"	120	1-12	140 psi	34.00
70640-001300	25A45-140		140			34.00
70641-001600	25A47-120	1"	120	5-26	140 psi	102.00
70641-001700	25A47-140		140			102.00
70641-003420	25A17-120	1 1/2" Super	120	10-52	140 psi	211.00
70641-003430	25A17-140		140			211.00
70641-003640	25A30-120	2" Dual HP	120	40-120	174 psi	525.00
70641-003660	25A30-140		140			525.00
70640-004521	25A2DL-120	2" Dual Lite	120	40-110	115 psi	320.00
70640-004520	25A2DL-140		140			320.00
70640-006783	25A3TL-120F	3" Twin Lite	120	80-220	115 psi	612.00
70640-006786	25A3TL-140F		140			612.00



2" DUAL HP 2" DUAL LITE



3" TWIN LITE

NOTE: 120 mesh recommended for Drippers, Spray Stakes, Misters and Sprinklers.
140 mesh recommended for Fogger applications. Other mesh options available.

MANUAL SCREEN FILTERS

Item Number	Model Number	Filter Size	Mesh	Flow Range (GPM)	Max. Pressure	Price Each
76240-001800	SF075-155	3/4"	155	1-13	140 psi	16.00
76240-001810	SF100-155	1"	155	1-22		16.00
76240-001820	SF150-155	1 1/2"	155	1-66	140 psi	103.00
76240-001830	SF200-155	2"	155	1-89		115.00



3/4" SCREEN



2" COMPACT LP DISC-KLEEN

NOTE: For use with city water only.

AUTOMATIC DISC-KLEEN FILTERS

Item Number	Model Number	Description	Flow Range (GPM)	Price Each
70641-007220	26LP2A1-120DCLAX*	2" Compact LP Disc-Kleen - 120 mesh, DC	1-80	6,145.00
70641-007223	26LP2A1LF120DCLAX*	2" Compact LP Disc-Kleen Low Flow - 120 mesh, DC	1-40	6,145.00
70610-022000	26LP2PP2120AC	2" LP Disc-Kleen - 2 Filters, 120 mesh AC Solenoid	50-160	7,696.00
70610-022002	26LP2PP2120DC	2" LP Disc-Kleen - 2 Filters, 120 mesh DC Solenoid		7,696.00
70610-022100	26LP2PP3120AC	2" LP Disc-Kleen - 3 Filters, 120 mesh AC Solenoid	100-240	10,462.00
70610-022105	26LP2PP3120DC	2" LP Disc-Kleen - 3 Filters, 120 mesh DC Solenoid		10,462.00
70610-022200	26LP2PP4120AC	2" LP Disc-Kleen - 4 Filters, 120 mesh AC Solenoid	150-320	13,559.00
70610-022212	26LP2PP4120DC	2" LP Disc-Kleen - 4 Filters, 120 mesh DC Solenoid		13,559.00
70605-021550	26LP3PPB3120AC	3" LP Disc-Kleen - 3 Filters, 120 mesh AC Solenoid	150-450	15,635.00
70661-004450	26LP3PPB3120DC	3" LP Disc-Kleen - 3 Filters, 120 mesh DC Solenoid		15,635.00
70605-022660	26LP3PPB4120AC	3" LP Disc-Kleen - 4 Filters, 120 mesh AC Solenoid	250-600	19,898.00
70661-004520	26LP3PPB4120DC	3" LP Disc-Kleen - 4 Filters, 120 mesh DC Solenoid		19,898.00
70605-023560	26LP3PPB5120AC	3" LP Disc-Kleen - 5 Filters, 120 mesh AC Solenoid	350-750	24,489.00
-	26LP3PPB5120DC	3" LP Disc-Kleen - 5 Filters, 120 mesh DC Solenoid		24,489.00



2" LP DISC-KLEEN



3" LP DISC-KLEEN

*Backflush controller included. Requires (2) D batteries. AC model also available.
2" and 3" batteries are standard with polypropylene manifolds, plastic backflush valves and installed drain manifold - requires separate purchase of backflush controller. Minimum pressure for backflush is 30 psi downstream. Other mesh options available. Maximum Pressure: 90 psi. For 91-140 psi, a High Pressure Model is recommended.

Netafim

FILTERS



APOLLO AUTOMATIC DISC-KLEEN FILTERS - MODULAR

Standard Model with Plastic Backflush Valve - Maximum Operating Pressure 90 psi

Item Number	Model Number	Description	Flow Range (GPM)	Price Each
-	26ASK3APPB4120AC	Apollo Disc-Kleen, Angle, 4 Filters, 120 mesh AC Solenoid	300-800	28,786.00
-	26ASK3APPB4120DC	Apollo Disc-Kleen, Angle, 4 Filters, 120 mesh DC Solenoid		28,786.00
70661-018100	26ASK4PB3120AC	Apollo Disc-Kleen, Twin, 3 Filters, 120 mesh AC Solenoid	500-1,200	28,020.00
70661-018301	26ASK4PB3120DC	Apollo Disc-Kleen, Twin, 3 Filters, 120 mesh DC Solenoid		28,020.00
70661-018120	26ASK4PB4120AC	Apollo Disc-Kleen, Twin, 4 Filters, 120 mesh AC Solenoid	700-1,600	42,015.00
70661-018401	26ASK4PB4120DC	Apollo Disc-Kleen, Twin, 4 Filters, 120 mesh DC Solenoid		42,015.00
70661-018501	26ASK4PB5120AC	Apollo Disc-Kleen, Twin, 5 Filters, 120 mesh AC Solenoid	850-2,000	52,383.00
70661-018503	26ASK4PB5120DC	Apollo Disc-Kleen, Twin, 5 Filters, 120 mesh DC Solenoid		52,383.00

Requires separate purchase of backflush controller. Standard with installed drain manifold.
Minimum pressure for backflush is 30 psi downstream. Maximum Pressure: 90 psi.For pressures of 91-140 psi, a High Pressure Model is recommended. Large battery sizes with flow ranges to 3,200 GPM and other mesh options available, please contact Netafim USA Customer Service for details.

SCAN-KLEEN SCREEN FILTERS

Item Number	Model Number	Filter Size	Mesh	Max. Flow (GPM)	Price Each
70640-013200	27ASCAN3-120	3" Angle	120	250	2,093.00
70640-013180	27ASCAN3-150		150		2,093.00
70640-013250	27ASCAN4-120	4" Angle	120	300	2,472.00
70640-013260	27ASCAN4-150		150		2,472.00
70640-013300	27ASCAN4T-120	4" Twin	120	500	4,626.00
70640-013321	27ASCAN4T-150		150		4,626.00
70640-013350	27ASCAN6T-120	6" Twin	120	600	4,868.00
70640-013370	27ASCAN6T-150		150		4,868.00



SCAN-KLEEN ANGLE



SCAN-KLEEN TWIN

NETAFIM BACKFLUSH CONTROLLERS

Item Number	Model Number	Description	Voltage	Price Each
00105-006200	31NBCAC2	2 Outputs with DP Sensor		1,461.00
00105-006210	31NBCAC4	4 Outputs with DP Sensor	24VAC	1,575.00
00105-006220	31NBCAC6	6 Outputs with DP Sensor		1,689.00
00105-006250	31NBCDCL2	2 Outputs with DP Sensor		1,461.00
00105-006260	31NBCDCL4	4 Outputs with DP Sensor	12VDCL	1,575.00
00105-006270	31NBCDCL6	6 Outputs with DP Sensor		1,689.00
73240-003195	31NBCACCARD	2 Output Expansion Card	24VAC	124.00
73240-003177	31NBCDCCARD	2 Output Expansion Card	12VDCL	124.00



All Controllers are standard with a mounting bracket.

NOTE: Controllers can be pre-installed on automatic disc filters for an additional fee.
Call Netafim USA Customer Service for Pricing and Availability.

ALEX-TRONIX BACKFLUSH CONTROLLERS

Item Number	Model Number	Description	Price Each
00105-001400	23AXF2ACDC-D	2 Station 24VAC/12VDC Controller	1,686.00
00105-002300	23AXF4ACDC-D	4 Station 24VAC/12VDC/12VDCL Controller	2,300.00
00105-004950	23AXF8ACDC-D	8 Station 24VAC/12VDC /12VDCL Controller	2,599.00

PRESSURE REGULATORS

3/4" LOW FLOW PRESSURE REGULATORS

Item Number	Model Number	Flow Range (GPM)	Nominal Output Pressure (psi)	Regulating Units	Price Each
31000-001000	32PRV.75-LF15V2	.25 - 4.4	15	-	12.00
31000-001120	32PRV.75-LF20V2	.25 - 4.4	20	-	12.00
31000-001200	32PRV.75-LF35V2	.25 - 4.4	35	-	12.00



3/4" PRESSURE REGULATORS

Item Number	Model Number	Flow Range (GPM)	Nominal Output Pressure (psi)	Regulating Units	Price Each
30500-001100	32PRV.75-12V2K	4.5 - 17.6	12	1	21.00
30500-001300	32PRV.75-20V2K	4.5 - 17.6	20	1	21.00
30500-001600	32PRV.75-35V2K	4.5 - 17.6	35	1	21.00
30500-002000	32PRV.75-65V2K	4.5 - 17.6	65	1	21.00



1 1/2" PRESSURE REGULATORS

Item Number	Model Number	Flow Range (GPM)	Nominal Output Pressure (psi)	Regulating Units	Price Each
30520-001100	32PRV1.5-12V2K	11 - 35	12	2	52.00
30520-001300	32PRV1.5-20V2K	11 - 35	20	2	52.00
30520-001600	32PRV1.5-35V2K	11 - 35	35	2	52.00
30520-002000	32PRV1.5-65V2K	11 - 35	65	2	52.00



2" PRESSURE REGULATORS

Item Number	Model Number	Flow Range (GPM)	Nominal Output Pressure (psi)	Regulating Units	Price Each
30540-002200	32PRV2-412V2KPL	22 - 70	12	4	200.00
30540-002400	32PRV2-420V2KPL	22 - 70	20	4	200.00
30540-002700	32PRV2-435V2KPL	22 - 70	35	4	200.00



PRESSURE REGULATING UNITS

Item Number	Model Number	Nominal Output (psi)	Price Each
31500-001100	32PRVU-12V2K	12	15.00
31500-001300	32PRVU-20V2K	20	15.00
31500-001600	32PRVU-35V2K	35	15.00
31500-002000	32PRVU-65V2K	65	15.00



NOTES:

- 12 psi recommended for Thinwall Driplines.
- 20 psi recommended for Non-Compensating Drippers and Spray Stakes.
- 35 psi recommended for Sprinklers, Misters, Pressure Compensating Drippers and PC Spray Stakes.
- 65 psi recommended for Foggers.

Additional pressure options available.
Maximum operating pressure 145 psi.

AIR VENTS AND WATER METERS



1" COMBINATION



2" COMBINATION



2" DYNAMIC



3/4" & 1" GUARDIAN



1" GUARDIAN WITH SHRADER VALVE



2" GUARDIAN

AIR VENTS

Item Number	Model Number	Size	Description	Connection	Max. Pressure	Body	Price Each
70561-001240	65ARIB1	1"	Combination Air/Vacuum Relief, Continuous Acting	MPT	240 psi	Nylon	180.00
70561-001660	65ARIB2PP	2"	Combination Air/Vacuum Relief, Continuous Acting	MPT	150 psi	Polypropylene	224.00
70561-001735	65ARIDY2	2"	Dynamic	MPT	150 psi	Nylon	353.00
70561-002950	65ARIA075	3/4"	Guardian Air/Vacuum Relief	MPT	150 psi	Nylon	48.00
70561-002610	65ARIA100	1"	Guardian Air/Vacuum Relief	MPT	150 psi	Nylon	48.00
70561-004820	65ARIA100S	1"	Guardian Air/Vacuum Relief with Shrader Valve	MPT	150 psi	Nylon	60.00
70561-002710	65ARIA2	2"	Guardian Air/Vacuum Relief	FPT	150 psi	Nylon	64.00

Price discounts available for case quantity purchases, please contact Netafim USA Customer Service for details.
MPT = Male Pipe Thread
FPT = Female Pipe Thread

FERTILIZER METERS

Item Number	Model Number	Size and Body	Max. Flow (GPM)	Pulse (Gallons)	Connection	Price Each
70261-011000	36FM.75RG.1	3/4" Plastic	2.2	0.1	MPT	426.00
70261-011030	36FM.75RG1	3/4" Plastic	2.2	1.0	MPT	426.00
70261-011300	36FM1RG1	1" PVC	44	1.0	MPT	1,084.00

MPT = Male Pipe Thread



3/4" PLASTIC



1" PVC

WATER METERS

Standard with Gallon Totalizer Register. Includes Pulse Reed Switch for pulsed output.

Item Number	Model Number	Size	Flow Range (GPM)*	Pulse (Gallons)	Maximum Pressure (psi)	Connection	Price Each
70261-002720	36M1RG1	1"	1.2 - 20	0.1	145		351.00
70261-003230	36M1.5RG1	1 1/2"	3.5 - 55	0.1	145	MPT	701.00
70261-005060	36WMR2RG10	2"	8.8 - 110	10.0	230		687.00
70261-010220	36WST3RG10	3"	2.0 - 660	10.0	230		1,156.00
70261-009200	36IRT3RG10	3"	45 - 500	10.0	230	Flanged	1,012.00
70261-009500	36IRT4R10G	4"	50 - 688	10.0	230		1,315.00
70220-005300	36RSGREY	Pulse Reed Switch	-	-	-	-	76.00

*Flow accuracy ± 2%. Acre foot totalizer is available as a non-standard option.
MPT = Male Pipe Thread
Also avaialble with Electronic (ER) Digital Register. Call Netafim USA Customer Service for details.



2" WMR



4" IRT

VALVES

SERIES 80 NYLON CONTROL 2-WAY VALVES

Item Number	Model Number	Size	Voltage	Price Each
71640-007355	61ET.75GH2		24VAC	52.00
71610-013956	61ET.75GH2-24DC	3/4"	24VDC	52.00
71640-007357	61ET.75GH2-12DC	Globe	12VDC	65.00
71640-007356	61ET.75GH2-L		12VDCL	65.00
71640-007358	61ET.75GH2-120		120VAC	91.00
71640-007406	61ET1GH2		24VAC	52.00
71610-013966	61ET1GH2-24DC	1"	24VDC	52.00
71610-014523	61ET1GH2-12DC	Globe	12VDC	65.00
71610-013967	61ET1GH2-L		12VDCL	65.00
71610-013968	61ET1GH2-120		120VAC	91.00
71640-007425	61ET1.5GH2		24VAC	127.00
71610-014064	61ET1.5GH2-24DC	1 1/2"	24VDC	163.00
71610-014067	61ET1.5GH2-12DC	Globe	12VDC	175.00
71610-014061	61ET1.5GH2-L		12VDCL	175.00
71610-014063	61ET1.5GH2-120		120VAC	201.00
71640-007426	61ET1.5GH2-AN		24VAC	170.00
-	61ET1.5GH2-AN-24DC	1 1/2"	24VDC	205.00
-	61ET1.5GH2-AN-12DC	Angle	12VDC	219.00
71610-014066	61ET1.5GH2-AN-L		12VDCL	219.00
-	61ET1.5GH2-AN-120		120VAC	244.00
71610-014528	61ET2GH2		24VAC	170.00
71610-014518	61ET2GH2-24DC	2"	24VDC	205.00
71610-014524	61ET2GH2-12DC	Globe	12VDC	219.00
71610-014525	61ET2GH2-L		12VDCL	219.00
71610-013971	61ET2GH2-120		120VAC	244.00
71640-007667	61ET2GH2-AN		24VAC	189.00
-	61ET2GH2-AN-24DC	2"	24VDC	224.00
-	61ET2GH2-AN-12DC	Angle	12VDC	237.00
-	61ET2GH2-AN-L		12VDCL	237.00
-	61ET2GH2-AN-120		120VAC	263.00

MAXIMUM RECOMMENDED FLOW RATES (GPM)

3/4"	1"	1 1/2"	2"	3"	4"	6"
50	50	90	175	390	600	1,300



3/4" OR 1" GLOBE



1 1/2" OR 2" GLOBE



1 1/2" OR 2" ANGLE

SERIES 80 2-WAY VALVES WITH CONTROLLER

Includes Battery Operated Aqua Pro Single Valve Controller

Item Number	Model Number	Size	Voltage	Price Each
71610-013955	61ET.75GH2-L-CONT	3/4" Globe	12VDCL	194.00
71610-013969	61ET1GH2-L-CONT	1" Globe	12VDCL	194.00
71610-014062	61ET1.5GH2-L-CONT	1 1/2" Globe	12VDCL	304.00
-	61ET1.5GH2-AN-L-CONT	1 1/2" Angle	12VDCL	347.00
71610-014526	61ET2GH2-L-CONT	2" Globe	12VDCL	347.00
-	61ET2GH2-AN-L-CONT	2" Angle	12VDCL	366.00



SERIES 80 WITH AQUA PRO CONTROLLER



AQUA PRO CONTROLLER

AQUA PRO CONTROLLER

Item Number	Model Number	Price Each
37000-002000	AP-CONTROLLER-P3	91.00

SERIES 80 NYLON CONTROL 3-WAY VALVES

Model Number	Size	Function	Price Each
61ELTH1.5GH3		EL	281.00
61PRTH1.5GH3-*	1 1/2"	PR	364.00
61PRELTH1.5GH3-*	Globe	PREL	426.00
61PSTH1.5GH3-*		PS	409.00
61PSELTH1.5GH3-*		PSEL	484.00
61ELTH1.5GH3AN		EL	281.00
61PRTH1.5GH3AN-*	1 1/2"	PR	364.00
61PRELTH1.5GH3AN-*	Angle	PREL	426.00
61PSTH1.5GH3AN-*		PS	409.00
61PSELTH1.5GH3AN-*		PSEL	484.00
61ELTH2GH3		EL	298.00
61PRTH2GH3-*	2"	PR	379.00
61PRELTH2GH3-*	Globe	PREL	477.00
61PSTH2GH3-*		PS	426.00
61PSELTH2GH3-*		PSEL	499.00
61ELTH2GH3AN		EL	298.00
61PRTH2GH3AN-*	2"	PR	379.00
61PRELTH2GH3AN-*	Angle	PREL	477.00
61PSTH2GH3AN-*		PS	426.00
61PSELTH2GH3AN-*		PSEL	499.00



PS ANGLE



PREL GLOBE

Substitute * with proper Spring Color:
Y = Yellow (7-30 psi)
G = Green (14-65 psi)
R = Red (30-90 psi)

Function Code identification:
EL = Electric (standard with 24VAC - other voltages available)
PR = Pressure Reducing
PREL = Pressure Reducing Electric
PS = Pressure Sustaining
PSEL = Pressure Sustaining Electric



NYLON ELECTRIC



NYLON PRESSURE REDUCING

3-WAY VALVES

Item Number	Model Number	Function	Size	Body	Connection	Price Each
-	V07020DGT055C01	Electric 24VAC	2"	Nylon	Threaded FPT	298.00
-	V07030PGT055C01	Electric 24VAC	3"	PVC	Threaded FPT	636.00
-	V07030PGS055C01	Electric 24VAC	3"	PVC	Slip	603.00
-	V07040PGS055C01	Electric 24VAC	4"	PVC	Slip	775.00
-	V07060PGS055C01	Electric 24VAC	6"	PVC	Slip	2,035.00
-	V32020DGT055C03	Pressure Reducing 24VAC	2"	Nylon	Threaded FPT	477.00
-	V32030PGS055C03	Pressure Reducing 24VAC	3"	PVC	Slip	763.00
35500-001320	61AQTVAC1	Aquative 24VAC Solenoid	-	-	-	114.00

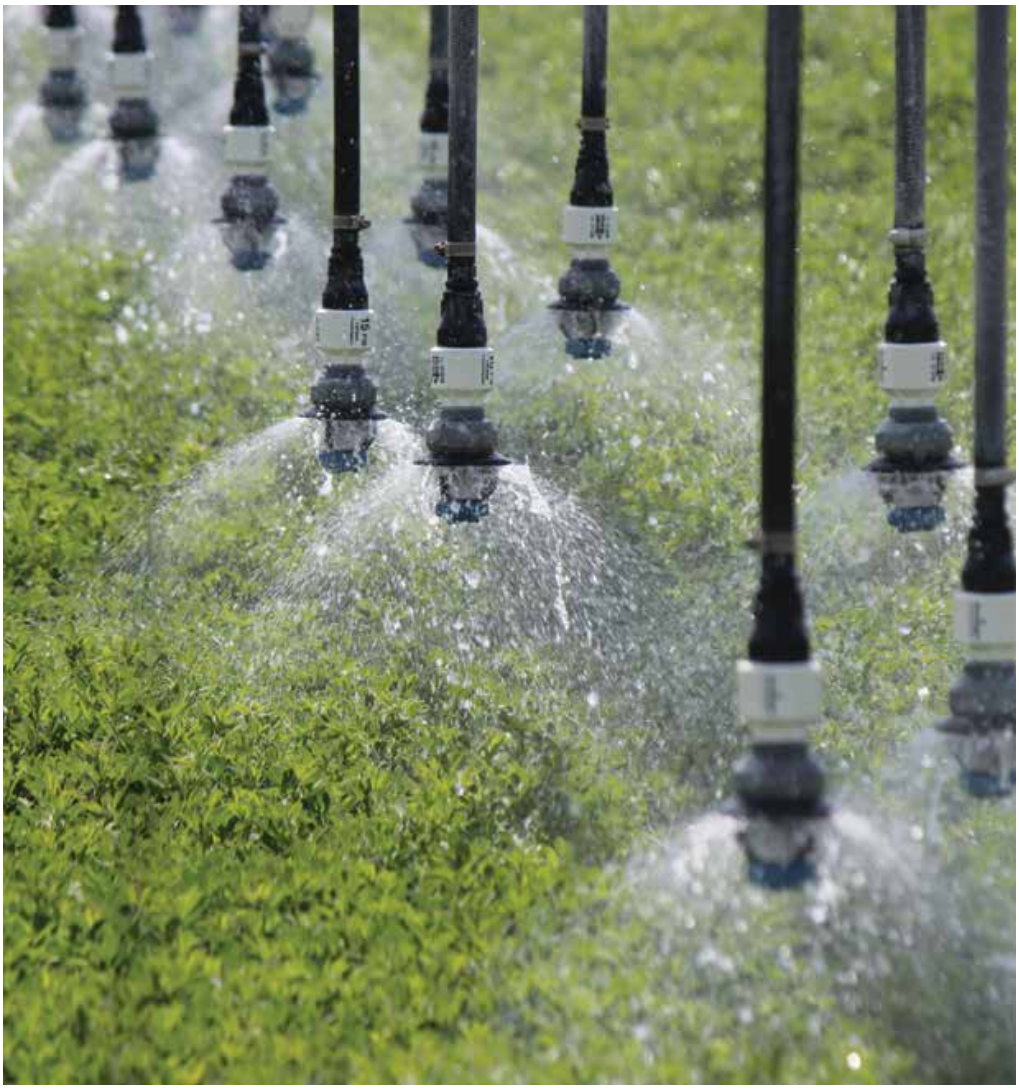
Pressure Reducing Valves have a Green Pilot Spring for 14-65 psi. Also available with 12VDCL Solenoids.

Senninger®

2018 - 2019 LIST PRICES

Effective September 1, 2018

AGRICULTURAL IRRIGATION
A Hunter Industries Company









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While we make every effort to ensure the accuracy of our prices, we reserve the right to change prices without further notice. For exact pricing at the time of your order, please contact the corporate office.

Senninger

"Consistent system start-up for short cycle applications"

Misters are designed for propagation and low volume misting applications in greenhouses and nurseries.

FEATURES

- Bridge-less design provides an uninterrupted distribution pattern
- Tool-free disassembly for cleaning and renozzling
- Inverted models feature a built-in check valve
- 140 mesh filtration required

FOUR INVERTED NOZZLE SIZES

½" M NPT	⅜" M BSW	¼" Barb
		
Light Blue, Blue, Purple, Black	Light Blue, Blue, Purple, Black	Light Blue, Blue, Purple, Black

FOUR UPRIGHT NOZZLE SIZES

		
Red, orange, yellow, green	Red, orange, yellow, green	Red, orange, yellow, green

MISTER SYSTEM DESIGN CRITERIA	Flow Range	Pressure Range	Head Spacing	Lateral Spacing	Single Row Spacing
Inverted Models	Recommended spacing at 24 inches (61 cm) height above crop				
Light Blue - MRI 08	7.5 - 9.7 gph (28.4 - 36.7 L/hr)	30 - 50 psi (2 - 3.4 bar)	2 - 4 ft (0.61 - 1.22 m)	2.5 - 3.5 ft 0.76 - 1.07 m)	N/A
Blue - MRI 12	12.5 - 16.2 gph (47.3 - 61.3 L/hr)	30 - 50 psi (2 - 3.4 bar)	2 - 3.5 ft (0.61 - 1.07 m)	2.5 - 3.5 ft (0.76 - 1.07 m)	N/A
Purple - MRI 16	15.9 - 20.5 gph (60.2 - 77.6 L/hr)	30 - 50 psi (2 - 3.4 bar)	2 - 3 ft (0.61 - 0.91 m)	2 - 2.5 ft (0.61 - 0.76 m)	2 - 2.5 ft (0.61 - 0.76 m)
Black - MRI 20	17.8 - 23.4 gph (67.4 - 88.6 L/hr)	30 - 50 psi (2 - 3.4 bar)	2 - 2.5 ft (0.61 - 0.76 m)	2 - 3 ft (0.61 - 0.91 m)	2 - 2.5 ft (0.61 - 0.76 m)
Upright Models	Recommended spacing at 12 inches (31 cm) height above crop				
Red - MR 08	6.8 - 8.6 gph (25.7 - 32.6 L/hr)	30 - 50 psi (2 - 3.4 bar)	2 - 4 ft (0.61 - 1.22 m)	2 - 4 ft (0.61 - 1.22 m)	2 - 3.5 ft (0.61 - 1.07 m)
Orange - MR 12	10.8 - 14.0 gph (40.9 - 53.0 L/hr)	30 - 50 psi (2 - 3.4 bar)	2 - 4 ft (0.61 - 1.22 m)	2 - 4 ft (0.61 - 1.22 m)	2 - 3 ft (0.61 - 0.91 m)
Yellow - MR 16	14.1 - 18.3 gph (53.4 - 69.3 L/hr)	30 - 50 psi (2 - 3.4 bar)	2 - 4 ft (0.61 - 1.22 m)	2 - 4 ft (0.61 - 1.22 m)	2 - 3 ft (0.61 - 0.91 m)
Green - MR 20	17.8 - 23.4 gph (67.4 - 88.6 L/hr)	30 - 50 psi (2 - 3.4 bar)	2 - 4 ft (0.61 - 1.22 m)	2 - 4 ft (0.61 - 1.22 m)	2 - 3 ft (0.61 - 0.91 m)

Other spacing options may produce higher uniformities and lower scheduling co-efficiencies. Recommended filtration 140 mesh.

The Mister provides an instantaneous, highly uniform distribution ideal for short-cycle applications.

MISTER PRICING

MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
MRI500NPT08DB	Inverted: ½" M NPT, w/ check valve, #08 (light blue),	100	2#	$2.36
MRI500NPTxxW	Inverted: ½" M NPT, w/ check valve, select #12, 16, or 20 nozzle	100	2#	$2.36
MRI375BSW08DB	Inverted: ⅜" M BSW, w/ check valve, #08 (light blue),	100	2#	$2.36
MRI375BSWxxW	Inverted: ⅜" M BSW, w/ check valve, select #12, 16, or 20 nozzle	100	2#	$2.36
MRI250BRB08DB	Inverted: ¼" M Barb, w/ check valve, #08 (light blue),	100	2#	$2.36
MRI250BRBxxW	Inverted: ¼" M Barb, w/ check valve, select #12, 16, or 20 nozzle	100	2#	$2.36
MR500NPTxxB	Upright: ½" M NPT, select #08, 12, 16, or 20 nozzle	100	2#	$2.36
MR375BSWxxB	Upright: ⅜" M BSW, select #08, 12, 16, or 20 nozzle	100	2#	$2.36
MR250BRBxxB	Upright: ¼" M Barb, select #08, 12, 16, or 20 nozzle	100	2#	$2.36

COMPONENTS PRICING

MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
MISIDA24 *	Drop Assembly for Misters or Foggers with 1/4" barb connection: 0.25" Double Barb Connector, 0.25" Tubing (24"), 1 oz. Slip-Over Weight, excludes sprinkler			$2.76
MR250DN	¼" M Compression Double Nipple Press Fit (for retrofitting with ⅜" BSW connection sprinklers)	100	2#	$0.34
MR250DB	¼" Double Barb Connector	100	2#	$0.29
FOG250NXB	¼" Nipple x ¼" Barb Connector	100	2#	$0.29
FOG4CROSS	4-Way Cross Adapter	100	8#	$1.73
TUV250	Tubing: 0.25" OD black vinyl (per ft)	100 ft	N/A	$0.07
MRWGT1OZ	PE Slip-Over Weight, 1 oz.	100	4#	$0.96
RSST26	Riser Stake 26", connection for tubing or Riser Adapter	100	31#	$1.89
RSST14	Riser Stake 14", connection for tubing or Riser Adapter	125	20#	$0.74

**Other lengths available. Contact customer service for part numbers and pricing.*

MISIDA24

MR250DB ¼" Double Barb Connector



TUV250 2ft. (0.61 m) 0.25" Tubing (black)



MRWGT1OZ PE Slip-Over Weight (1 oz)



Use with Inverted Misters ¼" Barb models (sold separately) 24" length (other

RSST26

Riser Stake 26" Connection for tubing or Riser Adapter



RSST14

Riser Stake 14" Connection for tubing or Riser Adapter



Senninger

Senninger's upright and inverted Micro-Sprinklers, bring low volume irrigation to overhead and under tree installations.

INVERTED NOZZLE SIZES

½" M NPT	⅜" M BSW	¼" Barb
		
Ice, Light blue, Beige & Gold	Ice, Light blue, Beige & Gold	Ice, Light blue
③ ④ ⑤ ⑥	③ ④ ⑤ ⑥	③ ④

INVERTED NOZZLE SIZES -SHORT DIAMETER

½" M NPT	⅜" M BSW	¼" Barb
		
②	②	②

UPRIGHT NOZZLE SIZES

½" M NPT	⅜" M BSW	¼" Barb
		
Pink, Ice & Light blue	Pink, Ice & Light blue	Pink, Ice & Light blue
② ③ ④	② ③ ④	② ③ ④

FEATURES

- Three individual components can be easily replaced making it cost effective
- Convenient disassembly for easy cleaning
- Bridge-less design eliminates dry spots caused by leg shadows
- Three different base connections make installation and retrofitting easier
- Deflector designed for maximized start-ability and smooth operation
- 80 mesh filtration required
- Color-coded nozzle bases provide easy size identification. Warranted to maintain the correct orifice size for five years

MICRO-SPRINKLER INVERTED	Flow Range	Pressure Range	Diameters at 3 ft (0.9 m)	Diameters at 6 ft (1.83 m)
#2 Nozzle - Pink (1/32") *Short Diameter*	7.4 - 9.1 (28.0 - 34.4)	20 -30 psi (1.38 - 2.07 bar)	4.8 - 6.2 (1.5 - 1.9)	-
#3 Nozzle - Ice (3/64")	16.8 - 20.4 gph (63.6 - 77.2 L/hr)	20 -30 psi (1.38 - 2.07 bar)	-	6.8 - 8.2 ft (2.1 - 2.5 m)
#4 Nozzle - Light Blue (1/16")	30.0 - 36.6 gph (113.6 - 138.5 L/hr)	20 - 30 psi (1.38 - 2.07 bar)	-	8.2 - 10.2 ft (2.5 - 3.1 m)
#5 Nozzle - Beige (5/64")	46.2 - 57.0 gph (174.9 - 215.8 L/hr)	20 - 30 psi (1.38 - 2.07 bar)	-	10.2 - 10.4 ft (3.1 - 3.2 m)
#6 Nozzle - Gold (3/32")	66.6 - 81.6 gph (252.1 - 308.9 L/hr)	20 - 30 psi (1.38 - 2.07 bar)	-	10.4 - 10.8 ft (3.2 - 3.3 m)

MICRO-SPRINKLER UPRIGHT	Flow Range	Pressure Range	Diameters at 1.5 ft (0.46 mm)
#2 Nozzle - Pink (1/32") *Short Diameter*	7.4 - 9.1 gph (28.0 - 34.4 L/hr)	20 - 30 psi (1.38 - 2.07 bar)	18 - 22 ft (5.5 - 6.7 m)
#3 Nozzle - Ice (3/64")	16.8 - 20.4 gph (63.6 - 77.2 L/hr)	20 - 30 psi (1.38 - 2.07 bar)	24 - 24 ft (7.3 - 7.3 m)
#4 Nozzle - Light Blue (1/16")	30.0 - 36.6 gph (113.6 - 138.5 L/hr)	20 - 30 psi (1.38 - 2.07 bar)	28 - 30 ft (8.5 - 9.1 m)

LOW PRESSURE	HIGH PRESSURE
MISIDA24NDVL* ASSEMBLY **EXLUDING** APPLICATOR	MISIDA24NDVH* ASSEMBLY **EXLUDING** APPLICATOR
MR250DB ¼" Double Barb Connector 	*MR250DB ¼" Double Barb Connector* 
TUV250 2ft. (0.61 m) 0.25" Tubing (black)* 	*TUV250* 2ft. (0.61 m) 0.25" Tubing (black)* 
MRWGT1OZ PE Slip-Over Weight (1 oz) 	*MRWGT1OZ PE Slip-Over Weight (1 oz)* 
FOG250NXB ¼" Nipple x ¼" Barb Connector 	*FOG250NXB ¼" Nipple x ¼" Barb Connector* 
MISINDVL *Non-Drip Valve* **(low pressure)** *0.25" F x M Press-Fit (opens at 14.5 psi (1 bar)* 	MISINDVH *Non-Drip Valve* **(high pressure)** *0.25" F x M Press-Fit (opens at 21.7 psi (1.5 bar)* 

Use with Inverted Micro-Sprinklers ⅜" BSW models #2, 3 or 4 nozzles (sold separately)
**24" length. (other lengths available). Contact customer service for part numbers and pricing.*

Micro-Sprinklers deliver a fine spray of gentle droplets in a consistent and uniform pattern.

MICRO-SPRINKLER PRICING				INVERTED
MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
MISIC500NPT020S	Inverted Short Diameter: ½" M NPT nozzle base #02 (pink)	100	2#	$1.71
MISIC500NPT030	Inverted: ½" M NPT nozzle base #03 (ice)	100	2#	$1.71
MISIC500NPT040	Inverted: ½" M NPT nozzle base #04 (light blue)	100	2#	$1.71
MISIC500NPT050	Inverted: ½" M NPT nozzle base #05 (beige)	100	2#	$1.71
MISIC500NPT060	Inverted: ½" M NPT nozzle base #06 (gold)	100	2#	$1.71
MISIC375NPT020S	Inverted Short Diameter: ⅜" M NPT nozzle base #02 (pink)	100	2#	$1.71
MISIC375NPT030	Inverted: ⅜" M NPT nozzle base #03 (ice)	100	2#	$1.71
MISIC375NPT040	Inverted: ⅜" M NPT nozzle base #04 (light blue)	100	2#	$1.71
MISIC375NPT050	Inverted: ⅜" M NPT nozzle base #05 (beige)	100	2#	$1.71
MISIC375NPT060	Inverted: ⅜" M NPT nozzle base #06 (gold)	100	2#	$1.71
MISIC250NPT020S	Inverted Short Diameter: ¼" M NPT nozzle base #02 (pink)	100	2#	$1.71
MISIC250NPT030	Inverted: ¼" M NPT nozzle base #03 (ice)	100	2#	$1.71
MISIC250NPT040	Inverted: ¼" M NPT nozzle base #04 (light blue)	100	2#	$1.71

MICRO-SPRINKLER PRICING				UPRIGHT
MISUC500NPT020S	Upright Short Diameter: ½" M NPT nozzle base #02 (pink)	100	2#	$1.71
MISUC500NPT030	Upright: ½" M NPT nozzle base #03 (ice)	100	2#	$1.71
MISUC500NPT040	Upright: ½" M NPT nozzle base #04 (light blue)	100	2#	$1.71
MISUC375NPT020S	Upright Short Diameter: ⅜" M NPT nozzle base #02 (pink)	100	2#	$1.71
MISUC375NPT030	Upright: ⅜" M NPT nozzle base #03 (ice)	100	2#	$1.71
MISUC375NPT040	Upright: ⅜" M NPT nozzle base #04 (light blue)	100	2#	$1.71
MISUC250NPT020S	Upright Short Diameter: ¼" M NPT nozzle base #02 (pink)	100	2#	$1.71
MISUC250NPT030	Upright: ¼" M NPT nozzle base #03 (ice)	100	2#	$1.71
MISUC250NPT040	Upright: ¼" M NPT nozzle base #04 (light blue)	100	2#	$1.71

COMPONENT PRICING				
MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
MISIDA24NDVH*	Drop Assembly with Non-Drip Valve (high pressure) for Micro-Sprinklers with ⅜" BSW connection: 0.25" Double Barb Connector, 0.25" Tubing (24"), 1 oz. Slip-Over Weight, 0.25" Nipple x Barb Connector, Non-Drip Valve H 0.25" F x M press fit, excludes sprinkler			$3.80
MISIDA24NDVL*	Drop Assembly with Non-Drip Valve (low pressure) for Micro-Sprinklers with ⅜" BSW connection: 0.25" Double Barb Connector, 0.25" Tubing (24"), 1 oz. Slip-Over Weight, 0.25" Nipple x Barb Connector, Non-Drip Valve L 0.25" F x M press fit, excludes sprinkler			$3.80
MISINDVH	Non-Drip Valve H (high pressure), 0.25" F x M press fit (opens at 21.7 psi)			$0.75
MISINDVL	Non-Drip Valve L (low pressure), 0.25" F x M press fit (opens at 14.5 psi)			$0.75
MR250DN	¼" M Compression Double Nipple Press Fit (for retrofitting w/ ⅜" BSW)	100	2#	$0.34
MR250DB	¼" Double Barb Connector	100	2#	$0.29
FOG250NXB	¼" Nipple x ¼" Barb Connector	100	2#	$0.29
TUV250	Tubing: 0.25" OD black vinyl (per ft)	100	N/A	$0.07
MRWGT1OZ	PE Slip-Over Weight, 1 oz.	100	4#	$0.96
RSST26	Riser Stake 26", connection for tubing or Riser Adapter	100	31#	$1.89
RSST14	Riser Stake 14", connection for tubing or Riser Adapter	125	20#	$0.74

**24" length. (other lengths available). Contact customer service for part numbers and pricing.*

RSST26	RSST14
 *Riser Stake 26" Connection for tubing or Riser Adapter*	 *Riser Stake 14" Connection for tubing or Riser Adapter*

"Inverted and Upright models"

Senninger Foggers reduce greenhouse temperatures and increase humidity levels in greenhouses. They create the ideal conditions for plant propagation by distributing extremely fine droplets with excellent pattern uniformity.

FEATURES

- Built-in check valve prevents leakage when the system is shut off and assures a consistent start-up time
- Consistent system start-up for short cycle applications
- Bridge-less design provides an uninterrupted distribution pattern
- 140 mesh infiltration required



INSTALLATION: Mount the Fogger on one of the Drop Adapter Assemblies.

INVERTED FOGGERS

FOGDA24375BSW4*	FOGDA24375BSW*	FOGDA24250BRB*	MISIDA24*
MR250DB ¼" Double Barb Connector	*MR250DB ¼" Double Barb Connector*	*MR250DB ¼" Double Barb Connector*	*MR250DB ¼" Double Barb Connector*
TUV250 2ft. (0.61 m) 0.25" Tubing (black)	*TUV250 2ft. (0.61 m) 0.25" Tubing (black)*	*TUV250 2ft. (0.61 m) 0.25" Tubing (black)*	*TUV250 2ft. (0.61 m) 0.25" Tubing (black)*
MRWGT1OZ PE Slip-Over Weight (1 oz)	*MRWGT1OZ PE Slip-Over Weight (1 oz)*	*MRWGT1OZ PE Slip-Over Weight (1 oz)*	*MRWGT1OZ PE Slip-Over Weight (1 oz)*
FOG250NXB ¼" Nipple x ¼" Barb Connector	*FOG250NXB ¼" Nipple x ¼" Barb Connector*	*FOGW250BRB Fogger ¼" Barb (included)*	**24" length. (other lengths available)*
FOG4CROSS 4-Way Cross Adapter	*FOGW375BSW Fogger ⅜" BSW (included)*		*¼" barb models (sold separately).*
FOGW375BSW Fogger ⅜" BSW (4 included)			*Contact customer service for part numbers and pricing.*

FOGGER PRICING

MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
FOGW250BRB	Fogger with ¼" M Barb connection, (white), with check valve	100	2#	$2.36
FOGW375BSW	Fogger with ⅜" M BSW connection, (white), with check valve	100	2#	$2.36
FOGW500NPT	Fogger with ½" M NPT connection, (white), with check valve	100	2#	$2.36

Recommended filtration 140 mesh.

COMPONENTS PRICING

MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
FOGDA24375BSW4 *	Drop Assembly for four Foggers: 0.25" Double Barb Connector, 0.25" Tubing (24"), 1 oz. Slip-Over Weight, 0.25" Nipple x Barb Connector, 4-Way Cross Adapter, includes 4 Foggers with ⅜" BSW connection			$14.19
FOGDA24375BSW *	Drop Assembly for one Fogger: 0.25" Double Barb Connector, 0.25" Tubing (24"), 1 oz. Slip-Over Weight, 0.25" Nipple x Barb Connector, includes 1 Fogger with ⅜" BSW connection			$5.40
FOGDA24250BRB *	Drop Assembly for one Fogger: 0.25" Double Barb Connector, 0.25" Tubing (24"), 1 oz. Slip-Over Weight, includes 1 Fogger with ¼" barb connection			$5.12
MISIDA24 *	Drop Assembly for Misters or Foggers with ¼" barb connection: 0.25" Double Barb Connector, 0.25" Tubing (24"), 1 oz. Slip-Over Weight, excludes sprinkler			$2.76
MR250DN	¼" M Compression Double Nipple Press Fit (for retrofitting with ⅜" BSW connection sprinklers)	100	2#	$0.34
MR250DB	¼" Double Barb Connector	100	2#	$0.29
FOG250NXB	¼" Nipple x ¼" Barb Connector	100	2#	$0.29
FOG4CROSS	4-Way Cross Adapter	100	8#	$1.73
TUV250	Tubing: 0.25" OD black vinyl (per ft)	100	N/A	$0.07
MRWGT1OZ	PE Slip-Over Weight, 1 oz.	100	4#	$0.96
RSST26	Riser Stake 26", connection for tubing or Riser Adapter	100	31#	$1.89
RSST14	Riser Stake 14", connection for tubing or Riser Adapter	125	20#	$0.74

**24" length. (other lengths available) Contact customer service for part numbers and pricing.*

Senninger Spray Stakes are available in three patterns to correspond to various container sizes. The patterns wet the soil surface avoiding over-spray to save water, energy and fertilizer costs.

SPRAY STAKE DESIGN CRITERIA	Black Stake	Brown Stake	Green Stake
Flows	4 gph (15.1 L/hr)	8 gph (30.3 L/hr)	12 gph (45.4 L/hr)
Pressure Range	20 psi (1.38 bar)	20 psi (1.38 bar)	20 psi (1.38 bar)
Radius of Coverage	12 inches (0.31 cm)	18 inches (0.46 cm)	20 inches (0.51 cm)
Distribution Pattern	90 Degrees 113 inches^2 (0.08 meters^2)	120 Degrees 339 inches^2 (0.22 meters^2)	160 Degrees 558 inches^2 (0.36 meters^2)
Container Size	10 gallon (37.9 liters)	15 gallon (56.8 liters)	30 gallon (113.6 liters)

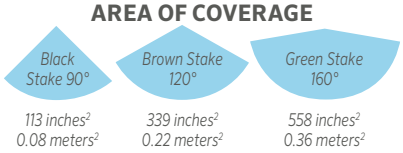
SPRAY STAKE PRICING

MODEL #	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
SPRST040	Spray stake - Black - 90-degree distribution	1500	16#	$0.29
SPRST080	Spray stake - Brown - 120-degree distribution	1500	16#	$0.29
SPRST120	Spray stake - Green - 160-degree distribution	1500	16#	$0.29
TU05ST	0.125" Tubing (sold in box quantity of 2000 ft)	2 -1000 ft rolls	17#	$144.20 net
TUPTAP3I	Tubing Punch Tool (purple handle) for use w/ 0.125" insert adapter	1	1#	$6.84 net

FEATURES

- Large fluted design increases stability in the soil
- Directional indicator for easy positioning
- Built-in shut-off feature





(For use with 0.125" I.D. Tubing)

SPRAYS

T-SPRAY™

T-SPRAY DESIGN CRITERIA	Standard Angle (upright or inverted)	High Angle (upright)
T-Stem		
Minimum	**#6** T-Stem SA	**#8** T-Stem HA (Convex)
Maximum	**#8** T-Stem SA	
Flows		
Minimum	0.98 gpm (223 L/hr)	1.73 gpm (393 L/hr)
Maximum	2.85 gpm (647 L/hr)	2.85 gpm (647 L/hr)
Pressure Range		
Minimum	15 psi (1.03 bar)	15 psi (1.03 bar)
Maximum	40 psi (2.76 bar)	40 psi (2.76 bar)
Diameters at 1.5 ft (0.46 m)		
Minimum	15.5 ft (4.7 m)	25.5 ft (7.8 m)
Maximum	22.0 ft (6.7 m)	32.0 ft (9.8 m)
Diameters at 3.0 ft (0.91 m)		
Minimum	17.5 ft (5.3 m)	-
Maximum	23.5 ft (7.2 m)	-
Pattern Spacing		
Maximum	Up to 6 ft (2.0 m)	Up to 6 ft (2.0 m)

Sprinkler performance may vary with actual field conditions. Minimum recommended riser height is 1.5 ft (0.46 m).

The T-Spray is extremely durable with no moving parts.

The Senninger T-Spray delivers a fine 360° spray ideal for delicate stock. The T-Spray is also available in a high-angle upright model providing a larger coverage area.

FEATURES

- Standard Angle model can be installed upright or inverted
- Removable stem for easy cleaning



T-SPRAY PRICING

MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
TSPB206	#6 T-Spray 360 degree, ½" M NPT (gold)	300	6#	$2.72
TSPB207	#7 T-Spray 360 degree, ½" M NPT (lime)	300	6#	$2.72
TSPB208	#8 T-Spray 360 degree, ½" M NPT (lavender)	300	6#	$2.72
TSPB208CV	#8 Convex High-Angle T-Spray 360 degree, ½" M NPT (dark purple)	300	6#	$2.72

Senninger



The Triad is ideal for irrigating small root zones associated with small trees, oil palms, pecans and a variety of fruit trees.

FEATURES

- Three adjustable nozzles for greater control of direction and trajectory of streams
- Requires less filtration and a lower number of laterals compared to traditional micro-irrigation
- Solvent welds directly to PVC riser so there is no need to connect a fitting

TRIAD DESIGN CRITERIA	0° Trajectory Model	30° Trajectory Model
Flow Range*		
Minimum	0.94 gpm (213 L/hr)	0.94 gpm (213 L/hr)
Maximum	1.82 gpm (413 L/hr)	1.82 gpm (413 L/hr)
Pressure Range		
Minimum	10 psi (0.69 bar)	10 psi (0.69 bar)
Maximum	35 psi (2.41 bar)	35 psi (2.41 bar)
Radius @ 1.5 ft (0.46 m)		
Minimum	9.5 ft (2.9 m)	17.5 ft (5.3 m)
Maximum	17.5 ft (5.3 m)	34.5 ft (10.5 m)

**Flow rate is for all three nozzles combined. Tree diking is recommended for best water retention. The Triad uses one line of polyethylene tube every other row and one emitter for every three trees.*

TRIAD PRICING

MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
TRI3SS040R040R040R	Triad (US) complete ¾" F slip (black), adjustable 3-stream directional sprinkler	250	12#	$4.03
TRI25MMS040R040R040R	Triad (MM) complete 25 mm F slip (grey), adjustable 3-stream directional sprinkler	250	12#	$4.03
TRINZ040R	Triad Nozzle #04 (white)	9000	38#	$0.86
TRI3S	Triad Base, ¾" F slip (black)	600	20#	$1.46
TRI25MMS	Triad Base, 25 mm F slip (grey)	600	20#	$1.46



INSTALLATION VERSATILITY

The Senninger Triad can also be installed on Smooth Drive bases for a quick and economic conversion to Smooth Drive sprinklers once plants mature. (See pg. 40 for Smooth Drive base options. Not available with 25 mm base).

The Triad has three adjustable nozzles for greater control of direction and trajectory of streams.

SUPER SPRAY DESIGN CRITERIA

Nozzle Sizes	
Minimum	#5 5⁄64" (1.98 mm)
Maximum	#12 3⁄16" (4.76 mm)
Flows	
Minimum	0.55 gpm (125 L/hr)
Maximum	6.48 gpm (1472 L/hr)
Pressure Range	
Minimum	10 psi (0.69 bar)
Maximum	40 psi (2.76 bar)
Diameters at 3 ft (0.91 m)	
Minimum	15 ft (4.6 m)
Maximum	32 ft (9.8 m)
Diameters at 6 ft (1.83 m)	
Minimum	16 ft (4.9 m)
Maximum	35 ft (10.7 m)
Pattern Spacing	
	Up to 12 ft (3.6 m)

Diameter ranges shown are based on the Super Spray being used with the flat, smooth deflector pad. Stream height is approximately the same as the nozzle height when using the flat smooth deflector pad under no wind conditions.

The Super Spray delivers a 360° spray pattern. With no moving parts and durable construction, the Super Spray is reliable in harsh conditions. Its interchangeable deflector pads allow customization of spray angle and droplet size.

FEATURES

- Deflector pads available in various trajectories- flat (black), concave (blue), convex (green) and surfaces-smooth, medium-grooved and deep-grooved
- Easy change, easy clean UP3 nozzles
- Can be mounted upright or inverted



SUPER SPRAY PRICING

MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
Super Spray UP3 complete*	¾" M NPT, pad (including nozzle) (½" M NPT model also available with non-UP3 threaded nozzle)	150	23#	$6.68
SSBRASMUP3	Super Spray UP3 bracket, ¾" M NPT with retainer and O-ring, (excluding nozzle & pad)	150	28#	$4.25
Easy-Clean UP3 Nozzles	Color coded (#4 thru #26; including half sizes)	1500	18#	$1.65

**Contact customer service for complete part number.*

SUPER SPRAY DEFLECTOR PADS PRICING

MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
SSPFLSM	Flat (black): Smooth (nozzles #08 - 26)	1000	16#	$0.78
SSPMFLSM	Flat (black): Mini Smooth (nozzles #04 - 07)	1000	16#	$0.78
SSPCCSM	Concave (blue): Smooth (nozzles #08 - 26)	1000	16#	$0.78
SSPMCCSM	Concave (blue): Mini Smooth (nozzles #04 - 07)	1000	16#	$0.78
SSPCVSM	Convex (green): Smooth (nozzles #08 - 26)	1000	16#	$0.78
SSPMCVSM	Convex (green): Mini Smooth (nozzles #04 - 07)	1000	16#	$0.78
SSPEVP	Evaporation (black): 45-degree (nozzles #10 - 26)	1000	16#	$1.02

Which Wobbler® is best for you?

All Wobblers provide instantaneous and uniform coverage over large diameters.



WOBBLER SYSTEM DESIGN CRITERIA	Mini-Wobbler	Xcel-Wobbler High Angle	Xcel-Wobbler Mid Angle	Wobbler Standard Angle	Wobbler Low Angle
Nozzle sizes					
Minimum	**#4** 1/16" (1.59 mm)	**#6** 3/32" (2.38 mm)	**#6** 3/32" (2.38 mm)	**#6** 3/32" (2.38 mm)	**#6** 3/32" (2.38 mm)
Maximum	**#8** 1/8" (3.18 mm)	**#14** 7/32" (5.56 mm)	**#14** 7/32" (5.56 mm)	**#14** 7/32" (5.56 mm)	**#14** 7/32" (5.56 mm)
Flow Range					
Minimum	0.42 gpm (95 L/hr)	0.78 gpm (177 L/hr)	0.78 gpm (177 L/hr)	0.78 gpm (177 L/hr)	0.78 gpm (177 L/hr)
Maximum	2.18 gpm (495 L/hr)	6.97 gpm (1583 L/hr)	6.97 gpm (1583 L/hr)	7.64 gpm (1735 L/hr)	7.64 gpm (1735 L/hr)
Pressure Range					
Minimum	15 psi (1.03 bar)	10 psi (0.69 bar)	10 psi (0.69 bar)	10 psi (0.69 bar)	10 psi (0.69 bar)
Maximum	25 psi (1.72 bar)	25 psi (1.72 bar)	25 psi (1.72 bar)	30 psi (2.07 bar)	30 psi (2.07 bar)
Spacing Recommendation					
Minimum	10 ft (3 m)	10 ft (3 m)	10 ft (3 m)	10 ft (3 m)	10 ft (3 m)
Maximum	20 ft (6 m)	30 ft (9.1 m)	25 ft (7.6 m)	30 ft (9.1 m)	25 ft (7.6 m)
Diameter of Throw					
Minimum at 1.5 ft (0.46 m) ht	26.5 ft (8.1 m)	36.5 ft (11.1 m)	32 ft (9.8 m)	34 ft (10.4 m)	29 ft (8.8 m)
Maximum at 1.5 ft (0.46 m) ht	39 ft (11.9 m)	55.5 ft (16.9 m)	46.5 ft (14.2 m)	52.0 ft (15.9 m)	46.5 ft (14.2 m)
Minimum at 3 ft (0.92 m) ht	31 ft (9.5 m)	39 ft (11.8 m)	34 ft (10.3 m)	38 ft (11.6 m)	33 ft (10 m)
Maximum at 3 ft (0.92 m) ht	43.5 ft (13.3 m)	57 ft (17.4 m)	54 ft (16.5 m)	56 ft (17 m)	52 ft (15.8 m)
Stream height above nozzle**					
Minimum	1.5 ft (0.46 m)	2.5 ft (0.8 m)	2.5 ft (0.8 m)	2.5 ft (0.8 m)	2.5 ft (0.8 m)
Maximum	3 ft (0.91 m)	5.5 ft (1.7 m)	4 ft (1.2 m)	5.5 ft (1.7 m)	4 ft (1.2 m)
Connections					
	½" M NPT	½" M NPT ¾" M NPT	½" M NPT ¾" M NPT	½" M NPT ¾" M NPT	½" M NPT ¾" M NPT

** Inverted mini-Wobbler also available. **Stream heights vary based on pressure and nozzle size selection.*

FEATURES

- Create consistently sized droplets resistant to wind-drift and evaporation
- Inverted model designed with a 0° multi-level throw
- Upright model designed with a 10° multi-level throw



MINI-WOBBLER DESIGN CRITERIA	mini-Wobbler (upright)
Nozzle sizes	
Minimum	**#4** 1/16" (1.59 mm)
Maximum	**#8** 1/8" (3.18 mm)
Flows	
Minimum	0.42 gpm (95 L/hr)
Maximum	2.18 gpm (495 L/hr)
Pressure Range	
Minimum	10 psi (0.69 bar)
Maximum	25 psi (1.72 bar)
Diameters at 1.5 ft (0.46 m)	
Minimum	26.5 ft (8.1 m)
Maximum	39 ft (11.9 m)
Diameters at 3.0 ft (0.91 m)	
Minimum	31 ft (9.5 m)
Maximum	43.5 ft (13.3 m)
Pattern Spacing	
Maximum	Up to 20 ft (6 m)

Upright model stream heights range from 1.5 to 3.0 ft (0.46 to 0.91 m) above the nozzle based on pressure and nozzle size. Minimum recommended riser height is 1.5 ft (0.46 m).



I-MINI-WOBBLER DESIGN CRITERIA	i-mini-Wobbler (inverted)
Nozzle sizes	
Minimum	**#5** 5/64" (1.98 mm)
Maximum	**#8** 1/8" (3.18 mm)
Flows	
Minimum	0.75 gpm (170 L/hr)
Maximum	2.18 gpm (495 L/hr)
Pressure Range	
Minimum	20 psi (1.38 bar)
Maximum	25 psi (1.72 bar)
Diameters at 3 ft (0.91 m)	
Minimum	30 ft (9.2 m)
Maximum	32 ft (9.8 m)
Diameters at 6.0 ft (1.83 m)	
Minimum	32 ft (9.8 m)
Maximum	36 ft (11 m)
Pattern Spacing	
Maximum	Up to 12 ft (3.6 m)

Inverted model stream heights range from 0.5 to 1.5 ft (0.2 to 0.46 m) above nozzle based on pressure and nozzle size.

MINI-WOBBLER PRICING

MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
WOBxxM200	Upright ½" M NPT, white deflector (complete), select #04 - 08 nozzle	200	6#	$5.44
WOBxxM250	Inverted ½" M NPT, blue deflector (complete), select #05 - 08 nozzle	200	6#	$5.44



RISER STAKE
The mini-Wobbler can be mounted on the 26" Riser Stake with the Riser Adapter for installation versatility.
(See pg. 43)



RISER ADAPTER
For installation versatility in open fields, nurseries and greenhouses.
(see pg. 43)



DROP ADAPTER ASSEMBLIES
For easy installation of drops.
(See pg. 49)





Wobblers produce droplets resistant to wind-drift and evaporation, and distribute them in a gentle rain-like pattern.

FEATURES

- Provides extremely uniform coverage over large diameters
- Only one moving part, which translates to longer product life
- Available in standard and low angle models

WOBBLER SYSTEM DESIGN CRITERIA	Standard Angle	Low Angle
Nozzle sizes		
Minimum	**#6** 3⁄32" (2.38 mm)	**#6** 3⁄32" (2.38 mm)
Maximum	**#14** 7⁄32" (5.56 mm)	**#14** 7⁄32" (5.56 mm)
Flows		
Minimum	0.78 gpm (177 L/hr)	0.78 gpm (177 L/hr)
Maximum	7.64 gpm (1735 L/hr)	7.64 gpm (1735 L/hr)
Pressure Range		
Minimum	10 psi (0.69 bar)	10 psi (0.69 bar)
Maximum	30 psi (2.07 bar)	30 psi (2.07 bar)
Diameters at 1.5 ft (0.46 m)		
Minimum	34 ft (10.4 m)	29 ft (8.8 m)
Maximum	52 ft (15.9 m)	46.5 ft (14.2 m)
Pattern Spacing		
Maximum	Up to 30 ft (9.2 m)	Up to 25 ft (7.6 m)

Stream heights range from 2.5 to 5.5 ft (0.8 to 1.7 m) above the nozzle based on pressure and nozzle size. Minimum recommended riser height is 1.5 ft (0.46 m).

WOBBLER PRICING

MODEL NUMBER	DESCRIPTION	BOX QTY		BOX WT		LIST PRICE
WOBxxB3	¾" M NPT, standard-angle, black deflector, select #06 - 14 nozzle (complete)	50	100	7#	13#	$9.83
WOBxxB2	½" M NPT, standard-angle, black deflector, select #06 - 14 nozzle (complete)	50	100	7#	13#	$9.83
WOBxxB3LA	¾" M NPT, low-angle, white deflector, select #06 - 14 nozzle (complete)	50	100	7#	13#	$9.83
WOBxxB2LA	½" M NPT, low-angle, white deflector, select #06 - 14 nozzle (complete)	50	100	7#	13#	$9.83

XCEL-WOBBLERS®

The Xcel-Wobbler provides instantaneous coverage over a large area. It distributes water in an extremely uniform pattern that resists wind-drift and evaporation.

FEATURES

- Counter-balance design reduces vibration for smooth, stable performance with minimal riser support
- Only one moving part, which translates to longer product life
- Ideal for frost protection, salt leaching and germination



XCEL-WOBBLER DESIGN CRITERIA	High Angle	Mid Angle
Nozzle sizes		
Minimum	**#6** 3⁄32" (2.38 mm)	**#6** 3⁄32" (2.38 mm)
Maximum	**#14** 7⁄32" (5.56 mm)	**#14** 7⁄32" (5.56 mm)
Flows		
Minimum	0.78 gpm (177 L/hr)	0.78 gpm (177 L/hr)
Maximum	6.97 gpm (1583 L/hr)	6.97 gpm (1583 L/hr)
Pressure Range		
Minimum	10 psi (0.69 bar)	10 psi (0.69 bar)
Maximum	25 psi (1.72 bar)	25 psi (1.72 bar)
Diameters at 1.5 ft (0.46 m)		
Minimum	36.5 ft (11.1 m)	32 ft (9.8 m)
Maximum	55.5 ft (16.9 m)	46.5 ft (14.2 m)
Diameters at 3 ft (0.92 m)		
Minimum	39 ft (11.8 m)	34 ft (10.3 m)
Maximum	57 ft (17.4 m)	54 ft (16.5 m)
Pattern Spacing		
Maximum	Up to 30 ft (9.1 m)	Up to 25 ft (7.6 m)

Stream heights range from 2.5 to 5.5 ft (0.8 to 1.7 m) above the nozzle based on pressure and nozzle size. Minimum recommended riser height is 1.5 ft (0.46 m).

Xcel-Wobbler pricing continued on top of pg. 34 ▸

XCEL-WOBBLER PRICING				
MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
XWOBxxB3HALD	¾" M NPT, high-angle, black deflector, select #06 - 14 nozzle (complete)	100	13#	$11.05
XWOBxxB2HALD	½" M NPT, high-angle, black deflector, select #06 - 14 nozzle (complete)	100	13#	$11.05
XWOBxxB3MA	¾" M NPT, mid-angle, white deflector, select #06 - 14 nozzle (complete)	100	13#	$11.05
XWOBxxB2MA	½" M NPT, mid-angle, white deflector, select #06 - 14 nozzle (complete)	100	13#	$11.05

FEATURES

- Advanced braking mechanism for smooth, consistent rotation speed and minimal riser stress
- Unique "walking" diffuser prevents dry areas and pattern distortion caused by bracket legs
- Solvent-weld base for theft resistance leaching and germination

The Smooth Drive creates a uniform unobstructed application pattern for under-tree, open field and nursery irrigation.

SMOOTH DRIVE DESIGN CRITERIA	High Angle	Low Angle
Nozzle sizes		
Minimum*	**#6** 3⁄32" (2.38 mm)	**#6** 3⁄32" (2.38 mm)
Maximum	**#8** ⅛" (3.18 mm)	#8 ⅛" (3.18 mm)
Flow Range		
Minimum	1.68 gpm (382 L/hr)	1.68 gpm (382 L/hr)
Maximum	2.79 gpm (634 L/hr)	2.79 gpm (634 L/hr)
Pressure Range		
Minimum	25 psi (1.72 bar)	25 psi (1.72 bar)
Maximum	40 psi (2.76 bar)	40 psi (2.76 bar)
Diameters at 1.5 ft (0.46 m)		
Minimum	68 ft (20.8 m)	65 ft (19.8 m)
Maximum	78 ft (23.8 m)	71 ft (21.5 m)
Pattern Spacing		
Maximum	Up to 40 ft (12.2 m)	Up to 37 ft (11.3 m)

**Number 6 nozzle not recommended at 25 psi (1.72 bar). Minimum recommended height is 1.5 ft (0.46 m).*



SMOOTH DRIVE PRICING				
MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
SD2214M2Mxxx	½" M NPT (white) low angle (complete), select #06 - 08 nozzle	100	23#	$14.82
SD2214M234Sxxx	½" socket x ¾" socket x 1" spigot (white) low angle (complete), select #06 - 08 nozzle	100	23#	$14.82
SD2214M20X25MMSxxx	20 mm socket x 25 mm socket (white) low angle (complete), select #06 - 08 nozzle	100	23#	$14.82
SD2223M2Mxxx	½" M NPT (black) high angle (complete), select #06 - 08 nozzle	100	23#	$14.82
SD2223M234Sxxx	½" socket x ¾" socket x 1" spigot (black) high angle (complete), select #06 - 08 nozzle	100	23#	$14.82
SD2223M20X25MMSxxx	20 mm socket x 25 mm socket (black) high angle (complete), select #06 - 08 nozzle	100	23#	$14.82
FTASDX3MS	Fitting: Smooth Drive x ¾" M Slip Adapter	1200	28#	$0.59
FTAAX3MS	Fitting: Acme x ¾" M Slip Adapter	1200	28#	$0.57

Advanced braking mechanism for smooth, consistent rotation speed and minimal riser stress.

"Senninger's most economical sprinklers"

The 20 series full-circle impacts are Senninger's most economical sprinklers. The 20 Series includes several models available for various overhead and under-tree installations.

FEATURES

- Various trajectories available: 9°, 12°, 14° and 23°
- Hand Tight Nozzle requires no tools for an easy change/easy clean nozzle vane combination



20 SERIES IMPACTS SPRINKLERS DESIGN CRITERIA	2009HS 20 Series - 9°	2014HS 20 Series - 14°	2023HS 20 Series - 23°	2023 20 Series- 23° Compact Impact
Nozzle sizes				
Minimum	**#6** 3⁄32" (2.38 mm)	**#6** 3⁄32" (2.38 mm)	**#6** 3⁄32" (2.38 mm)	**#9** 9⁄64" (3.57 mm)
Maximum	**#9** 9⁄64" (3.57 mm)	**#9** 9⁄64" (3.57 mm)	**#9** 9⁄64" (3.57 mm)	**#12** 3⁄16" (4.76 mm)
Flows				
Minimum	1.34 gpm (304 L/hr)	1.34 gpm (304 L/hr)	1.34 gpm (304 L/hr)	3.08 gpm (700 L/hr)
Maximum	3.98 gpm (904 L/hr)	3.98 gpm (904 L/hr)	3.98 gpm (904 L/hr)	7.13 gpm (1619 L/hr)
Pressure at the nozzle				
Minimum	30 psi (2.07 bar)	30 psi (2.07 bar)	30 psi (2.07 bar)	30 psi (2.07 bar)
Maximum	50 psi (3.45 bar)	50 psi (3.45 bar)	50 psi (3.45 bar)	50 psi (3.45 bar)
Diameters at 1.5 ft (0.46 m)				
Minimum	58 ft (17.7 m)	66 ft (20.1 m)	74 ft (22.6 m)	78 ft (23.8 m)
Maximum	71 ft (21.7 m)	78 ft (23.8 m)	83 ft (25.3 m)	96 ft (29 m)
Pattern Spacing				
	Up to 40 ft (12.2 m)	Up to 40 ft (12.2 m)	Up to 40 ft (12.2 m)	Up to 40 ft (12.2 m)
Connections				
	½" M NPT	½" M NPT	½" M NPT	¾" M NPT

Stream heights for the 2009HS model range from 1.5 to 3.0 ft (0.46 to 0.91 m) above the nozzle based on pressure and nozzle size.

Stream heights for the 2014HS model range from 3.0 to 5.0 ft (0.91 to 1.5 m) above nozzle based on pressure and nozzle size.
Stream heights for the 2023HS model range from 6.5 to 9.5 ft (2.0 to 3.0 m) above nozzle based on pressure and nozzle size.
Minimum recommended riser height is 1.5 ft (0.46 m).

Senninger impact sprinklers offer a wide range of nozzle and vane combinations.

9° SINGLE NOZZLE PRICING				20 SERIES
MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
	Nozzles #6 - 9 1.34 - 3.98 gpm (304 - 904 L/hr)			
2009HS12MxxxH	½" M NPT plastic swivel (including nozzle)	100	20#	$14.19
2009HS12FxxxH	½" M NPT plastic swivel w/ ½" coupling (including nozzle)	100	24#	$15.43
2009HS13FxxxH	½" M NPT plastic swivel w/ ½" x ¾" coupling (including nozzle)	100	26#	$15.66
2009HWS12MxxxH	½" M NPT Wedge Drive, plastic swivel (including nozzle)	100	20#	$16.53

14° SINGLE NOZZLE PRICING				20 SERIES
MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
	Nozzles #6 - 9 1.34 - 3.98 gpm (304 - 904 L/hr)			
2014HS12MxxxH	½" M NPT plastic swivel (including nozzle)	100	20#	$14.19
2014HS13FxxxH	½" M NPT plastic swivel w/ ½" x ¾" coupling (including nozzle)	100	26#	$15.66
2014HS1QCxxxH	Quick-Connect swivel w/ gasket (including nozzle)	100	27#	$15.50
2014HWS12MxxxH	½" M NPT Wedge Drive, plastic swivel (including nozzle)	100	20#	$16.53

23° SINGLE NOZZLE PRICING				20 SERIES
MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
	Nozzles #6 - 9 1.34 - 3.98 gpm (304 - 904 L/hr)			
2023HS12MxxxH	½" M NPT plastic swivel (including nozzle)	100	20#	$14.19
2023HS12FxxxH	½" M NPT plastic swivel w/ ½" coupling (including nozzle)	100	24#	$15.43
2023HS13FxxxH	½" M NPT plastic swivel w/ ½" x ¾" coupling (including nozzle)	100	26#	$15.66
2023HS1QCxxxH	Quick-Connect swivel w/ gasket (including nozzle)	100	27#	$15.50
2023HWS12MxxxH	½" M NPT Wedge Drive, plastic swivel (including nozzle)	100	20#	$16.53

23° SINGLE NOZZLE PRICING		20 SERIES- COMPACT IMPACT		
MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
	Nozzles #9 - 12 3.08 - 7.13 gpm (700 - 1619 L/hr)			
2023HBS13MxxxH	¾" M NPT Compact Impact w/ Diffuser, plastic swivel (including nozzle)	100	23#	$14.87
2023HBS13FxxxH	¾" F NPT Compact Impact w/ Diffuser, plastic swivel (including nozzle)	100	23#	$14.87





30,40, 50 SPRINKLERS DESIGN CRITERIA	3012-1 30 Series - 12°	4012-1 40 Series - 12°	5012-1 50 Series - 12°
Nozzle sizes			
Minimum	**#7** 7⁄64" (2.78 mm)	**#10** 5⁄32" (3.97 mm)	**#13** 13⁄64" (5.16 mm)
Maximum	**#10** 5⁄32" (3.97 mm)	**#14** 7⁄32" (5.56 mm)	**#18** 9⁄32" (7.14 mm)
Flows			
Minimum	1.84 gpm (418 L/hr)	3.82 gpm (868 L/hr)	6.50 gpm (1476 L/hr)
Maximum	4.93 gpm (1120 L/hr)	10.6 gpm (2408 L/hr)	17.5 gpm (3975 L/hr)
Pressure at the nozzle			
Minimum	30 psi (2.07 bar)	30 psi (2.07 bar)	30 psi (2.07 bar)
Maximum	50 psi (3.45 bar)	60 psi (4.14 bar)	65 psi (4.48 bar)
Diameters at 1.5 ft (0.46 m)			
Minimum	71 ft (21.7 m)	73 ft (22.3 m)	77 ft (23.5 m)
Maximum	87 ft (26.5 m)	101 ft (30.8 m)	114 ft (34.7 m)
Pattern Spacing			
	Up to 60 ft (18.3 m)	Up to 65 ft (19.8 m)	Up to 70 ft (21.3 m)

Stream heights for the 3012-1 model range from 2.5 to 4.5 ft (0.8 to 1.4 m) above the nozzle based on pressure and nozzle size. Stream heights for the 4012-1 model range from 3 to 5.5 ft (0.91 to 1.67 m) above nozzle based on pressure and nozzle size. Stream heights for the 5012-1 model range from 3.5 to 6.0 ft (1.1 to 1.8 m) above nozzle based on pressure and nozzle size. Minimum recommended riser height is 1.5 ft (0.46 m).





30, 40, 50 SPRINKLERS DESIGN CRITERIA	3023-1 30 Series - 23°	4023-1 40 Series - 23°	5023-1 50 Series - 23°
Nozzle sizes			
Minimum	**#7** 7⁄64" (2.78 mm)	**#10** 5⁄32" (3.97 mm)	**#13** 13⁄64" (5.16 mm)
Maximum	**#10** 5⁄32" (3.97 mm)	**#14** 7⁄32" (5.56 mm)	**#18** 9⁄32" (7.14 mm)
Flows			
Minimum	1.84 gpm (418 L/hr)	3.82 gpm (868 L/hr)	6.50 gpm (1476 L/hr)
Maximum	4.93 gpm (1120 L/hr)	10.6 gpm (2408 L/hr)	17.5 gpm (3975 L/hr)
Pressure at the nozzle			
Minimum	30 psi (2.07 bar)	30 psi (2.07 bar)	30 psi (2.07 bar)
Maximum	50 psi (3.45 bar)	60 psi (4.14 bar)	65 psi (4.48 bar)
Diameters at 1.5 ft (0.46 m)			
Minimum	80 ft (24.4 m)	86 ft (26.2 m)	92 ft (28 m)
Maximum	92 ft (28 m)	107 ft (32.6 m)	116 ft (35.4 m)
Diameters at 6 ft (1.83 m)			
Minimum	83 ft (25.3 m)	92 ft (28 m)	99 ft (30.2 m)
Maximum	94 ft (28.7 m)	125 ft (38.1 m)	126 ft (38.4 m)
Pattern Spacing			
	Up to 60 ft (18.3 m)	Up to 65 ft (19.8 m)	Up to 70 ft (21.3 m)

Stream heights for the 3023-1 model range from 6.0 ft to 7.5ft (1.8 to 2.3 m) above the nozzle based on pressure and nozzle size. Stream heights for the 4023-1 model range from 6.5 to 10.0 ft (2.0 to 3.1 m) above nozzle based on pressure and nozzle size. Stream heights for the 5023-1 model range from 7.0 to 11.5 ft (2.1 to3.5 m) above nozzle based on pressure and nozzle size. Minimum recommended riser height is 1.5 ft (0.46 m).

12° SINGLE NOZZLE PRICING				30 40 50 SERIES
MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
	Nozzles #7 - 10 1.84 - 4.93 gpm (418 - 1120 L/hr)			
301213MxxxH	¾" M NPT plastic swivel (including nozzle)	50	21#	$18.44
301213FxxxH	¾" M NPT plastic swivel w/ ¾" coupling (including nozzle)	50	26#	$19.93
301214FxxxH	¾" M NPT plastic swivel w/ 1" x ¾" coupling (including nozzle)	50	27#	$20.26
	Nozzles #10 - 14 3.82 - 10.6 gpm (868 - 2408 L/hr)			
401213MxxxH	¾" M NPT plastic swivel (including nozzle)	50	21#	$18.44
401213FxxxH	¾" M NPT plastic swivel w/ ¾" coupling (including nozzle)	50	26#	$19.93
401214FxxxH	¾" M NPT plastic swivel w/ 1" x ¾" coupling (including nozzle)	50	27#	$20.26
	Nozzles #13 - 18 6.2 - 17.5 gpm (1476 - 3975 L/hr)			
501213MxxxH	¾" M NPT plastic swivel (including nozzle)	50	21#	$18.44
501213FxxxH	¾" M NPT plastic swivel w/ ¾" coupling (including nozzle)	50	26#	$19.93
501214FxxxH	¾" M NPT plastic swivel w/ 1" x ¾" coupling (including nozzle)	50	27#	$20.26

23° SINGLE NOZZLE PRICING				30 40 50 SERIES
MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
	Nozzles #7 - 10 1.84 - 4.93 gpm (418 - 1120 L/hr)			
302313MxxxH	¾" M NPT plastic swivel (including nozzle)	50	21#	$18.44
302313FxxxH	¾" M NPT plastic swivel w/ ¾" coupling (including nozzle)	50	26#	$19.93
302314FxxxH	¾" M NPT plastic swivel w/ 1" x ¾" coupling (including nozzle)	50	27#	$20.26
	Nozzles #10 - 14 3.82 - 10.6 gpm (868 - 2408 L/hr)			
402313MxxxH	¾" M NPT plastic swivel (including nozzle)	50	21#	$18.44
402313FxxxH	¾" M NPT plastic swivel w/ ¾" coupling (including nozzle)	50	26#	$19.93
402314FxxxH	¾" M NPT plastic swivel w/ 1" x ¾" coupling (including nozzle)	50	27#	$20.26
	Nozzles #13 - 18 6.2 - 17.5 gpm (1476 - 3975 L/hr)			
502313MxxxF	¾" M NPT plastic swivel (including nozzle)	50	21#	$18.44
502313FxxxF	¾" M NPT plastic swivel w/ ¾" coupling (including nozzle)	50	26#	$19.93
502314FxxxH	¾" M NPT plastic swivel w/ 1" x ¾" coupling (including nozzle)	50	27#	$20.26

23° DOUBLE NOZZLE PRICING				30 40 50 SERIES
MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
	Range Nozzles #7 - 10, Spreader Nozzle #4 - #6 3.01 - 6.42 gpm (684- 1468 L/hr)			
302323MxxxHxxRR	¾" M NPT plastic swivel (including nozzle)	50	22#	$20.45
302323FxxxHxxxRR	¾" M NPT plastic swivel w/ ¾" coupling (including nozzle)	50	25#	$22.00
302324FxxxHxxRR	¾" M NPT plastic swivel w/ 1" x ¾" coupling (including nozzle)	50	26#	$22.30
	Range Nozzles #10 - 14, Spreader Nozzle #6 5.25 - 12.6 gpm (1192 - 2862 L/hr)			
402323MxxxH06RR	¾" M NPT plastic swivel (including nozzle)	50	22#	$20.45
402323FxxxH06RR	¾" M NPT plastic swivel w/ ¾" coupling (including nozzle)	50	25#	$22.00
402324FxxxH06RR	¾" M NPT plastic swivel w/ 1" x ¾" coupling (including nozzle)	50	26#	$22.30
	Range Nozzles #13 - 18, Spreader Nozzle #8 8.23 - 20.1 gpm (1869 - 4565 L/hr)			
502323MxxxH08R	¾" M NPT plastic swivel (including nozzle)	50	22#	$20.45
502323FxxxH08R	¾" M NPT plastic swivel w/ ¾" coupling (including nozzle)	50	25#	$22.00
502324FxxxH08R	¾" M NPT plastic swivel w/ 1" x ¾" coupling (including nozzle)	50	26#	$22.30

Senninger's Part-Circle sprinklers distribute water in a 60° to 360° adjustable pattern in 5° increments.





IMPACTS-PART CIRCLE DESIGN CRITERIA	3123 Part Circle 30 Series - 23°	4123 Part Circle 40 Series - 23°	5123 Part Circle 50 Series - 23°
Nozzle Range			
Minimum	**#8** 1/8" (2.78 mm)	**#10** 5/32" (3.97 mm)	**#13** 13/64" (5.16 mm)
Maximum	**#10** 5/32" (3.97 mm)	**#13** 13/64" (5.16 mm)	**#18** 9/32" (7.14 mm)
Flow Range			
Minimum	2.42 gpm (550 L/hr)	3.82 gpm (868 L/hr)	6.50 gpm (1476 L/hr)
Maximum	5.17 gpm (1174 L/hr)	8.80 gpm (1999 L/hr)	16.1 gpm (3657 L/hr)
Pressure Range			
Minimum	30 psi (2.07 bar)	30 psi (2.07 bar)	30 psi (2.07 bar)
Maximum	55 psi (3.79 bar)	55 psi (3.79 bar)	55 psi (3.79 bar)
Radius at 1.5 ft (0.46 m)			
Minimum	38 ft (12 m)	41 ft (12 m)	45 ft (14 m)
Maximum	46 ft (14 m)	51 ft (16 m)	57 ft (17 m)
Radius at 3 ft (0.91 m)			
Minimum	40 ft (12.2 m)	41 ft (12 m)	46 ft (14 m)
Maximum	47 ft (14.3 m)	52 ft (16 m)	59 ft (18 m)
Pattern Spacing			
	Up to 60 ft (18.3 m)	Up to 65 ft (19.8 m)	Up to 70 ft (21.3 m)

Stream heights range from 6.0 to 10.0 ft (1.8 to 3.1 m) above the nozzle based on pressure and nozzle size. Minimum recommended riser height is 1.5 ft (0.46 m).

23° PART-CIRCLE PRICING				31 41 51 SERIES
MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
	Nozzles #8 - 10 2.42 – 5.17 gpm (550 - 1174 L/hr)			
3123PC13MxxxH	¾" M NPT plastic swivel (including nozzle)	50	21#	$31.76
3123PC13FxxxH	¾" M NPT plastic swivel w/ ¾" coupling (including nozzle)	50	26#	$33.30
3123PC14FxxxH	¾" M NPT plastic swivel w/ 1" x ¾" coupling (including nozzle)	50	27#	$33.61
	Nozzles #10 - 13 3.82 - 8.80 gpm (868 - 1999 L/hr)			
4123PC13MxxxH	¾" M NPT plastic swivel (including nozzle)	50	21#	$31.76
4123PC13FxxxH	¾" M NPT plastic swivel w/ ¾" coupling (including nozzle)	50	26#	$33.30
4123PC14FxxxH	¾" M NPT plastic swivel w/ 1" x ¾" coupling (including nozzle)	50	27#	$33.61
	Nozzles #13 - 18 6.5 - 16.1 gpm (1476 - 3657 L/hr)			
5123PC13MxxxH	¾" M NPT plastic swivel (including nozzle)	50	21#	$31.76
5123PC13FxxxH	¾" M NPT plastic swivel w/ ¾" coupling (including nozzle)	50	26#	$33.30
5123PC14FxxxH	¾" M NPT plastic swivel w/ 1" x ¾" coupling (including nozzle)	50	27#	$33.61

Effluent models also available. Consult customer service for part numbers and pricing.

Senninger's Part-Circle impact sprinklers allow adjustments to match the desired area of coverage.



This water activated retractable pin seals the nozzle opening to prevent insects from nesting inside when the sprinklers aren't operating.

23° INSECT-PROOF™ SINGLE NOZZLE PRICING				30 40 50 SERIES
MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
	Nozzles #7 - 10 1.84 - 4.93 gpm (418 - 1120 L/hr)			
302313MIPxxxW	¾" M NPT, dauber stopper (including nozzle)	50	22#	$20.63
302313FIPxxxW	¾" M NPT, dauber stopper w/ ¾" coupling (including nozzle)	50	25#	$22.16
302314FIPxxxW	¾" M NPT, dauber stopper w/ 1" x ¾" coupling (including nozzle)	50	27#	$22.49
	Nozzles #10 - 14 3.82 - 10.6 gpm (868 - 2408 L/hr)			
402313MIPxxxW	¾" M NPT, dauber stopper (including nozzle)	50	22#	$20.63
402313FIPxxxW	¾" M NPT, dauber stopper w/ ¾" coupling (including nozzle)	50	25#	$22.16
402314FIPxxxW	¾" M NPT, dauber stopper w/ 1" x ¾" coupling (including nozzle)	50	27#	$22.49
	Nozzles #13 - 18 6.5 - 17.5 gpm (1476 - 3975 L/hr)			
502313MIPxxxW	¾" M NPT, dauber stopper (including nozzle)	50	22#	$20.63
502313FIPxxxW	¾" M NPT, dauber stopper w/ ¾" coupling (including nozzle)	50	25#	$22.16
502314FIPxxxW	¾" M NPT, dauber stopper w/ 1" x ¾" coupling (including nozzle)	50	27#	$22.49

12° Single Nozzle Insect-Proof™ models also available. Contact customer service for part numbers and pricing.

23° INSECT-PROOF™ DOUBLE NOZZLE PRICING				30 40 50 SERIES
MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
	Range Nozzles #7 - 10, Spreader Nozzle #4 - 6 3.01 - 6.42 gpm (684 - 1468 L/hr)			
302323MIPxxxWxxRR	¾" M NPT dauber stopper (including nozzle)	50	22#	$22.67
	Range Nozzles #10 - 14, Spreader Nozzle #6 5.25 - 12.6 gpm (1192 - 2862 L/hr)			
402323MIPxxxW06RR	¾" M NPT dauber stopper (including nozzle)	50	22#	$22.67
	Range Nozzles #13 - 18, Spreader Nozzle #8 8.23 - 20.1 gpm (1869 - 4565 L/hr)			
502323MIPxxxW08R	¾" M NPT dauber stopper (including nozzle)	50	22#	$22.67

The 70 Series full-circle impacts distribute water at higher flows over a large diameter.



70 SERIES SPRINKLER DESIGN CRITERIA	7025RD-1 70 Series - 25°
Nozzle Range	
Minimum	**#14** 7⁄32" (5.56 mm)
Maximum*	**#24** 3⁄8" (9.53 mm)
Flow Range	
Minimum	8.66 gpm (1967 L/hr)
Maximum	31.6 gpm (7177 L/hr)
Pressure Range	
Minimum	40 psi (2.76 bar)
Maximum	70 psi (4.83 bar)
Diameters at 1.5 ft (0.46 m)	
Minimum	111 ft (33.8 m)
Maximum	169 ft (51.5 m)
Diameters at 6 ft (1.83 m)	
Minimum	118 ft (36 m)
Maximum	170 ft (51.8 m)
Pattern Spacing	
	Up to 90 ft (27.4 m)
Connections	
	1" M NPT, 1" M BSPT

Stream heights for 70 Series models range from 8.5 to 15.5 ft (2.6 to 4.7 m) above nozzle based on pressure and nozzle size. Minimum recommended riser height is 1.5 ft (0.46 m).

25° SINGLE NOZZLE RANGE DRIVE PRICING				70 SERIES
MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
	Nozzles #14 - 24 8.66 - 31.6 gpm (1967 - 7177 L/hr)			
7025R14MxxxL	1" M NPT plastic swivel (including nozzle)	25	23#	$62.58
7025R13FxxxL	1" M NPT plastic swivel w/ 1" x ¾" coupling (including nozzle)	20	22#	$64.61
7025R14FxxxL	1" M NPT plastic swivel w/ 1" coupling (including nozzle)	20	22#	$64.84
7025R15FxxxL	1" M NPT plastic swivel w/ 1" x 1 ¼" coupling (including nozzle)	20	23#	$66.25

25° DOUBLE NOZZLE RANGE DRIVE PRICING				70 SERIES
MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
	Range Nozzles #14 - 24, Spreader Nozzles #7 - 16 11.4 - 39.1 gpm (2589 - 8880 L/hr)			
7025R24MxxxLxxxH	1" M NPT plastic swivel (including nozzle)	25	23#	$63.78
7025R23FxxxLxxxH	1" M NPT plastic swivel w/ 1" x ¾" coupling (including nozzle)	20	22#	$65.85
7025R24FxxxLxxxH	1" M NPT plastic swivel w/ 1" coupling (including nozzle)	20	22#	$66.03
7025R25FxxxLxxxH	1" M NPT plastic swivel w/ 1" x 1 ¼" coupling (including nozzle)	20	23#	$67.45

7025 impacts also available as 1" M BSPT connection.7025 Effluent models also available. Contact customer service for part numbers and pricing.

The 70 and 80 Series full-circle impacts distribute water at higher flows over a large diameter.

80 SERIES SPRINKLER DESIGN CRITERIA	8025HR-1 80 Series - 25°
Nozzle Range	
Minimum	**#24** ⅜" (9.53 mm)
Maximum*	**#40** ⅝" (15.88 mm)
Flow Range	
Minimum	25.2 gpm (5724 L/hr)
Maximum	88.7 gpm (20146 L/hr)
Pressure Range	
Minimum	40 psi (2.76 bar)
Maximum	70 psi (4.83 bar)
Diameters at 1.5 ft (0.46 m)	
Minimum	134 ft (40.8 m)
Maximum	192 ft (58.5 m)
Diameters at 6 ft (1.83 m)	
Minimum	152 ft (46.3 m)
Maximum	196 ft (59.7 m)
Pattern Spacing	
	Up to 100 ft (304.8 m)
Connections	1 ¼" M NPT, 1 ½" M NPT, 1 ¼" M BSPT

Stream heights for 80 Series models range from 12.5 to 28.0 ft (3.8 to 8.5 m) above nozzle based on pressure and nozzle size. Minimum recommended riser height is 1.5 ft (0.46 m).

The 80 Series are Senninger's largest impact sprinklers. These are designed for maximum efficiency at high flow rates.



8025-SD: The Booster Tube nozzle extension provides a 5 to 10% increased radius of throw over range and spreader drive.



Contact technical support for specific performance data. Available only on 8025 Spreader Drive double nozzle models.

IMPACTS

25° SINGLE NOZZLE RANGE DRIVE PRICING				80 SERIES
MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
	Range Nozzles #24 - 40, 25.2 - 88.7 gpm (5724 - 20146 L/hr)			
8025HR15MxxxK	1 ¼" M NPT plastic swivel (including nozzle)	20	29#	$139.81
8025HR14FxxxK	1 ¼" M NPT plastic swivel w/ 1" x 1 ¼" coupling (including nozzle)	20	33#	$143.12
8025HR15FxxxK	1 ¼" M NPT plastic swivel w/ 1 ¼" coupling (including nozzle)	20	34#	$143.90
8025HR16MxxxK	1 ½" M NPT plastic swivel (including nozzle)	20	30#	$141.96

25° DOUBLE NOZZLE RANGE DRIVE PRICING				80 SERIES
MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
	Range Nozzles #24 - 40, Spreader Nozzles #14 - 18, 28.9 - 106.8 gpm (6564 - 24257 L/hr)			
8025HR25MxxxKxxxH	1 ¼" M NPT plastic swivel (including nozzle)	20	29#	$140.88
8025HR24FxxxKxxxH	1 ¼" M NPT plastic swivel w/ 1" x 1 ¼" coupling (including nozzle)	20	33#	$144.19
8025HR25FxxxKxxxH	1 ¼" M NPT plastic swivel w/ 1 ¼" coupling (including nozzle)	20	34#	$144.97
8025HR26MxxxKxxxH	1 ½" M NPT plastic swivel (including nozzle)	20	30#	$143.05

8025 range drive impacts also available in 1 ¼" and 1 ½" M BSPT connection. Contact customer service for part numbers and pricing.

25° DOUBLE NOZZLE SPREADER DRIVE PRICING				80 SERIES
MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
	Range Nozzles #14 - 18, Spreader Nozzles #24 - 40, 31.0 - 116.5 gpm (7041 - 26460 L/hr)			
8025HS25MxxxKxxxH	1 ¼" M NPT plastic swivel (including nozzle)	20	30#	$136.17
8025HS24FxxxKxxxH	1 ¼" M NPT plastic swivel w/ 1" x 1 ¼" coupling (including nozzle)	20	29#	$139.48
8025HS25FxxxKxxxH	1 ¼" M NPT plastic swivel w/ 1 ¼" coupling (including nozzle)	20	30#	$140.26
8025HS26MxxxKxxxH	1 ½" M NPT plastic swivel (including nozzle)	20	34#	$138.32
80NEX	Range nozzle extension (booster tube) for 8025 (including nozzle)	240	42#	$5.22

8025 spreader drive impacts also available in 1 ¼" and 1 ½" M BSPT connection. 8025 series effluent models also available. Contact customer service for part numbers and pricing.

Senninger

LOWER FLOWS (Use with 0.270" tubing)		HIGHER FLOWS (Use with 0.345" tubing)			
RSASM2TC3QCA	RSASM23C3	RSASM24C3QCA2T	RSASM24C3QCA3T	RSASM24C3	RSASM24C4
RSAD2T (QUICK CONNECT) ½" F x #2 Taper 	*RSAD270 ½" F x 0.270" Tubing* 	*RSAD345 ½" F x 0.345" Tubing* 	*RSAD345 ½" F x 0.345" Tubing* 	*RSAD345 ½" F x 0.345" Tubing* 	*RSAD345 ½" F x 0.345" Tubing* 
FTA1B2T 0.270" Super Barb x #2 Taper 					
TU1ST3 3 ft (0.9 m) 0.270" I.D. 	*TU1ST3 3 ft (0.9 m) 0.270" I.D.* 	*TU15ST3 3 ft (0.9 m) 0.345" I.D.* 	*TU15ST3 3 ft (0.9 m) 0.345" I.D.* 	*TU15ST3 3 ft (0.9 m) 0.345" I.D.* 	*TU15ST4 4 ft (1.2 m) 0.345" I.D.* 
FTA1B2T 0.270" Super Barb x #2 Taper* 	*FTA1B1B 0.270" Super Barb x Hose Barb Insert Adapter* 	*FTA15B2T 0.345" Super Barb x #2 Taper** 	*FTA15B3T 0.345" Super Barb x #3 Taper*** 	*FTA15B15B 0.345" Super Barb x Hose Barb Insert Adapter* 	*FTA15B15B 0.345" Super Barb x Hose Barb Insert Adapter* 
FTHS2T Winged Hose Barb Bushing #2 Taper 		*FTHS2T Winged Hose Barb Bushing #2 Taper* 	*FTHS3T Winged Hose Barb Bushing #3 Taper* 		

Friction loss through the entire assembly: – including 3 ft (0.9 m) of 0.270" ID PE tubing – is 6.3 psi at 2.0 gpm (0.43 bar at 454 L/hr). – including 3 ft (0.9 m) of 0.345" ID PE tubing – is 1.7 psi at 2.0 gpm (0.117 bar at 454 L/hr).
Contact technical support for friction loss on flows greater than 2 gpm (454 L/hr) or tubing lengths greater than 3 ft (0.9 m).

	#2 TAPER			#3 TAPER
Additional Options	*FT4HSC2T Barb Bushing Clamp for 1" Hose #2 Taper** 	*FT1M2T Winged ¼" M NPT Threaded Bushing #2 Taper** 	*FTPLUG2T #2 Taper* (Red)* 	*FTPLUG3T #3 Taper** (Maroon)* 

Punch Tools	*TUPTAP4I - (green handle) for use w/ FTA1B1B* 	*TUPTAP5I - (red handle) for use w/ FTA15B15B, FTHS2T, FTHS3T, FT1M2T, FT4HSC2T* 

RSST26	RSST14
Riser Stake 26" Connection for tubing or Riser Adapter 	*Riser Stake 14" Connection for tubing or Riser Adapter* 

RISER ADAPTER ASSEMBLIES PRICING				
MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
RSASM24C3QCA2T	Riser Adapter Assembly Quick Connect (for 0.345" I.D. Tubing) includes Riser Adapter RSAD345, Taper Fitting FTA15B2T, Bushing FTHS2T, and 3 ft 0.345" Tubing			$4.47
RSASM24C3QCA3T	Riser Adapter Assembly Quick Connect (for 0.345" I.D.Tubing) includes Riser Adapter RSAD345, Taper Fittings FTA15B3T, Bushing FTHS3T, and 3 ft 0.345" Tubing			$4.79
RSASM24C3	Riser Adapter Assembly (for 0.345" I.D. Tubing) includes Riser Adapter RSAD345, Fitting FTA15B15B, and 3 ft 0.345" Tubing			$4.63
RSASM24C4	Riser Adapter Assembly (for 0.345" I.D. Tubing) includes Riser Adapter RSAD345, Fitting FTA15B15B, and 4 ft 0.345" Tubing			$4.82
RSASM2TC3QCA	Riser Adapter Assembly Quick Connect (for 0.270" I.D.Tubing) includes Riser Adapter RSAD2T, (2) Taper Fittings FTA1B2T, Bushing FTHS2T, and 3 ft 0.270" Tubing			$4.87
RSASM23C3	Riser Adapter Assembly (for 0.270" I.D. Tubing) includes Riser Adapter RSAD270, Fitting FTA1B1B, and 3 ft 0.270" Tubing			$4.28
RSAD2T	Riser Adapter Quick-Connect, (for 0.270" I.D. Tubing), ½" F x #2 Taper	350	21#	$1.28
RSAD270	Riser Adapter (for 0.270" I.D. Tubing), ½" F x 0.270" Compression	350	21#	$1.28
RSAD345	Riser Adapter (for 0.345" I.D. Tubing), ½" F x 0.345" Compression	350	21#	$1.28
RSRP36	Riser: ½" PVC (36" piece)	100	32#	$0.65 net
RSST26	Riser Stake 26", top connection for Riser Adapter and side connection for tubing	100	31#	$1.89
RSST14	Riser Stake 14", top connection for Riser Adapter and side connection for tubing	125	20#	$0.74

FITTINGS PRICING				
MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
FTA1B1B	Fitting: 0.270" Super Barb x Hose Barb Insert Adapter	2500	18#	$0.40
FTA1B2T	Fitting: 0.270" Super Barb x #2 Taper	2500	14#	$0.40
FTPLUG2T	Fitting: Super Barb x Plug #2 Taper (red)	2500	14#	$0.40
FTA15B15B	Fitting: 0.345" Super Barb x Hose Barb Insert Adapter	1250	14#	$0.60
FTA15B2T	Fitting: 0.345" Super Barb x #2 Taper	1250	16#	$0.60
FTA15B3T	Fitting: 0.345" Super Barb x #3 Taper	1250	16#	$0.60
FTPLUG3T	Fitting: Super Barb x Plug #3 Taper (maroon)	1250	14#	$0.60
FTHS2T	Fitting: Winged Hose Barb Bushing x #2 Taper	3500	16#	$0.40
FTHS3T	Fitting: Winged Hose Barb Bushing x #3 Taper	2000	15#	$0.40
FT1M2T	Fitting: Winged ¼" M NPT Threaded Bushing x #2 Taper	3500	17#	$0.40
FT4HSC2T	Fitting: Barb Bushing Clamp for 1" Hose #2 Taper	2000	16#	$0.60

TUBING PRICING		BLACK POLYETHYLENE		
MODEL NUMBER	DESCRIPTION		BOX WT	PRICE
TU1ST	0.270" I.D. / 0.350" O.D., available in bulk 1000 ft roll	1000 ft	20#	$144.20
TU15ST	0.345" I.D. / 0.455" O.D., available in bulk 1000 ft roll	1000 ft	28#	$185.40
TUPTAP3I	Tubing Punch Tool (purple handle) for use with 0.125" tubing	1	1#	$6.84 net
TUPTAP4I	Tubing Punch Tool (green handle) for use w/ FTA1B1B	1	1#	$9.40 net
TUPTAP5I	Tubing Punch Tool (red handle) for use w/ FTA15B15B, FTHS2T, FTHS3T, FT1M2T, FT4HSC2T	1	1#	$14.12 net
FTPGP1	Goof Plug, 0.270"	100	2#	$0.09
FTPGP15	Goof Plug, 0.345"	50	1.5#	$0.66

LOWER FLOWS (Use with 0.270" tubing)				
DROP ASSEMBLY			DROP ADAPTER ASSEMBLY	
DRUA1B23S12	DRASM1/23S23S12	DRLA1B2F12	DRADASM1B2F24	DRADASM123S2F24
FTA1B1B 0.270" Super Barb x Hose Barb 	FTA1B23S 0.270" Super Barb x ½" F / ¾" M Slip 		FTA1B1B 0.270" Super Barb x Hose Barb 	FTA1B23S 0.270" Super Barb x ½" F / ¾" M Slip 
TU1ST1 0.270" I.D 12" Length 	TU1ST1 0.270" I.D 12" Length 		TU1ST1 0.270" I.D 12" Length 	TU1ST1 0.270" I.D 12" Length 
FTA1B23S 0.270" Super Barb x ½" F / ¾" M Slip 	FTA1B23S 0.270" Super Barb x ½" F / ¾" M Slip 	FTA1B23S 0.270" Super Barb x ½" /¾" M Slip 	FTA1B23S 0.270" Super Barb x ½" F / ¾" M Slip 	FTA1B23S 0.270" Super Barb x ½" F / ¾" M Slip 
		RSRP10 ½" PVC 10" Length 	RSRP10 ½" PVC 10" Length 	RSRP10 ½" PVC 10" Length 
		SM0435005 ½" F Slip x ½" F NPT 	SM0435005 ½" F Slip x ½" F NPT 	SM0435005 ½" F Slip x ½" F NPT 

HIGHER FLOWS (Use with 0.345" tubing)						
DROP UPPER ASSEMBLY				DROP ADAPTER ASSEMBLY		
DRUA15B23S12	DRASM1523S23S12	DRASM152M23S12	DRLA15B2F12	DRADASM15B2F24	DRADASM1523S2F24	DRADASM152M2F24
FTA15B15B 0.345" Super Barb x Hose Barb 	FTA15B23S 0.34 Super Barb x ½" F / ¾" M Slip 	FTA15B2M 0.345" Super Barb x ½" M NPT 		FTA15B15B 0.345" Super Barb x Hose Barb 	FTA15B23S 0.345 Super Barb x ½" F / ¾" M Slip 	FTA15B2M 0.345" Super Barb x ½" M NPT 
TU15ST1 0.345" I.D 12" Length 	TU15ST1 0.345" I.D 12" Length 	TU15ST1 0.345" I.D 12" Length 		TU15ST1 0.345" I.D 12" Length 	TU15ST1 0.345" I.D 12" Length 	TU15ST1 0.345" I.D 12" Length 
FTA15B23S 0.345 Super Barb ½" F / ¾" M Slip 	FTA15B23S 0.345 Super Barb x ½" F / ¾" M Slip 	FTA15B23S 0.345 Super Barb x ½" F/ ¾" M Slip 	FTA15B23S 0.345 Super Barb x ½" F / ¾" M Slip 	FTA15B23S 0.345 Super Barb x ½" F / ¾" M Slip 	FTA15B23S 0.345 Super Barb x ½" F / ¾" M Slip 	FTA15B23S 0.345 Super Barb x ½" F / ¾" M Slip 
			RSRP10 ½" PVC 10" Length 	RSRP10 ½" PVC 10" Length 	RSRP10 ½" PVC 10" Length	RSRP10 ½" PVC 10" Length
			SM0435005 ½" F Slip x ½" F NPT	SM0435005 ½" F Slip x ½" F NPT	SM0435005 ½" F Slip x ½" F NPT	SM0435005 ½" F Slip x ½" F NPT

Onsider friction loss through the tubing and components when designing for optimum performance. Punch tools also available, see pg.43

The Senninger Drop Assembly is simple, fast and economical to install.
It is available as an assembly or individual components.

DROP ADAPTER ASSEMBLIES PRICING		
MODEL NUMBER	DESCRIPTION	LIST PRICE
DRUA1B23S12	0.270" Super Barb, Tubing (12"), 0.270" Super Barb x Slip Connector	$2.77
DRUA15B23S12	0.345" Super Barb, Tubing (12"), 0.345" Super Barb x Slip Connector	$3.42
DRASM123S23S12	0.270" Super Barb x Slip Connector, Tubing (12"), 0.270" Super Barb x Slip Connector	$3.51
DRASM1523S23S12	0.345" Super Barb x Slip Connector, Tubing (12"), 0.345" Super Barb x Slip Connector	$4.09
DRASM152M23S12	0.345" Super Barb x ½" M NPT Connector, Tubing (12"), 0.345" Super Barb x Slip Connector	$4.09
DRLA1B2F12	0.270" Super Barb x Slip Connector, ½" PVC (12"), ½" Slip x ½" F NPT	$4.05
DRLA15B2F12	0.345" Super Barb x Slip Connector, ½" PVC (12"), ½" Slip x ½" F NPT	$4.37
DRADASM1B2F24	0.270" Super Barb, Tubing (12"), 0.270" Super Barb x Slip Connector, ½" PVC (12"), ½" Slip x ½" F NPT	$6.23
DRADASM15B2F24	0.345" Super Barb, 0.345" Tubing (12"), 0.345" Super Barb x Slip Connector, ½" PVC (12"), ½" Slip x ½" F NPT	$6.78
DRADASM123S2F24	0.270" Super Barb x Slip Connector, Tubing (12"), 0.270" Super Barb x Slip Connector, ½" PVC (12"), ½" Slip x ½" F NPT	$6.76
DRADASM1523S2F24	0.345" Super Barb x Slip Connector, Tubing (12"), 0.345" Super Barb x Slip Connector, ½" PVC (12"), ½" Slip x ½" F NPT	$7.00
DRADASM152M2F24	0.345" Super Barb x ½" M NPT Connector, Tubing (12"), 0.345" Super Barb x Slip Connector, ½" PVC (12") Slip x ½" F NPT	$7.08

DROP ADAPTER COMPONENTS PRICING				BLACK POLYETHYLENE
MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
FTA1B1B	Insert Adapter, 0.270" Super Barb x Hose Barb	1250	14#	$0.40
FTA15B15B	Insert Adapter, 0.345" Super Barb x Hose Barb	1250	14#	$0.60
FTA1B23S	0.270" Super Barb x ½" F - ¾" M Slip Connector	900	22#	$0.88
FTA15B23S	0.345" Super Barb x ½" F - ¾" M Slip Connector	900	22#	$1.17
FTA15B2M	0.345" Super Barb x ½" M NPT Connector	900	22#	$1.26

Senninger's Quick-Connect couplings help reduce material costs for irrigation systems. By connecting small diameter pipes, laterals become easier to transport. This is ideal for high rotation crops and field work.





FEATURES

- Lightweight for easy portability
- Virtually leak-proof connection
- Four Models: 1-inch, 1 ¼-inch, 32 mm and 40 mm
- Constructed out of UV resistant thermoplastics



DESIGN CRITERIA

Pipe Diameter	Maximum Pressure	Part Number
1 inch	100 psi (7.0 bar)	QCPLASM4
1-¼ inch	100 psi (7.0 bar)	QCPLASM5
32 mm	100 psi (7.0 bar)	QCPLASM32MM
40 mm	100 psi (7.0 bar)	QCPLASM40MM

QUICK CONNECT COUPLING PRICING

MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
QCPLASM5	Coupling Assembly: Quick Connect 1 ¼" Upper & Lower (black)	100	30	$6.42
QCPL5UG	Coupling: Quick Connect 1 ¼" Upper w/ Gasket (black)	100	18	$4.27
QCPL5L	Coupling: Quick Connect 1 ¼" Lower (black)	100	12	$2.16
QCPLASM4	Coupling Assembly: Quick Connect 1" Upper & Lower (black)	100	18	$5.35
QCPL4UG	Coupling: Quick Connect 1" Upper w/ Gasket (black)	100	10	$3.62
QCPL4L	Coupling: Quick Connect 1" Lower (black)	100	8	$1.71
QCPLASM40MM	Coupling Assembly: Quick Connect 40mm Upper & Lower (white)	100	35	$6.42
QCPL40MMUG	Coupling: Quick Connect 40mm Upper w/ Gasket (white)	100	20	$4.27
QCPL40MML	Coupling: Quick Connect 40mm Lower (white)	100	15	$2.16
QCPLASM32MM	Coupling Assembly: Quick Connect 32mm Upper & Lower (white)	100	22	$5.35
QCPL32MMUG	Coupling: Quick Connect 32mm Upper w/ Gasket (white)	100	12	$3.62
QCPL32MML	Coupling: Quick Connect 32mm Lower (white)	100	10	$1.71

Senninger's Drain Stop Plus helps prevent drainage from overhead irrigation applicators. This keeps supply lines full allowing for faster start-ups and protects plants below. Unique 3-mode design that has an open, check and closed position with the turn of a dial.



DRAIN STOP PLUS PRICING

MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
DSP2M2F	Drain-Stop Plus, ½" M NPT x ½" F NPT outlet	200	21#	$5.99



Fittings are made from engineering-grade thermoplastics.

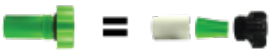
THREAD PIPE FITTINGS PRICING

MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
CPL22	½" NPT x ½" NPT threaded pipe coupling	800	28#	$1.21
CPL33	¾" NPT x ¾" NPT threaded pipe coupling	595	42#	$1.47
CPL44	1" NPT x 1" NPT threaded pipe coupling	290	35#	$1.94
CPL55	1 ¼" NPT x 1 ¼" NPT threaded pipe coupling	150	42#	$3.94
CPL32	¾" NPT x ½" NPT threaded reducing coupling	600	39#	$1.41
CPL43	1" NPT x ¾" NPT threaded reducing coupling	400	34#	$1.81
CPL53	1 ¼" NPT x ¾" NPT threaded reducing coupling	230	38#	$3.05
CPL54	1 ¼" NPT x 1" NPT threaded reducing coupling	180	37#	$3.19
CPL22S	½" NPT x ½" slip, threaded x slip coupling	800	26#	$0.93
CPL23S	½" NPT x ¾" slip, threaded x slip coupling	550	28#	$1.17
CPL33S	¾" NPT x ¾" slip, threaded x slip coupling	520	36#	$1.23
CPL23SV	½" NPT x ½" slip, threaded x slip vandal-resistant coupling	300	30#	$1.39
QCPL2	½" NPT x quick-connect coupling - upper w/ gasket	400	22#	$3.57
QCPL23S	½" & ¾" slip x quick-connect coupling - lower (black)	600	20#	$1.34
QCPL20X25MM	20 & 25 mm slip x quick-connect coupling - lower (white)	600	20#	$1.34
FTN32	¾" NPT x ½" NPT reducing nipple	1000	27#	$0.75
FTN33	¾" NPT x ¾" NPT nipple	900	31#	$0.75
FTN33H	¾" NPT x ¾" hose thread nipple	1000	28#	$0.75
FTP3	¾" NPT threaded plug	1400	37#	$0.83
FTP4	1" NPT threaded plug	650	37#	$1.75
FTB43	1" NPT x ¾" NPT threaded reducing bushing	650	29#	$1.94

The Hand-Tight nozzle combines the nozzle and vane for impact sprinklers. It also eliminates the need for tools when cleaning or changing the nozzles.



One piece nozzle replaces the 3-part nozzle assembly for quick and easy in-field renozzling.





FEATURES

- Installs with just a few turns
- Eliminates losing a vane
- Built-in stream straightening vane for maximum throw distance over a wide range of pressures

NOZZLE PRICING

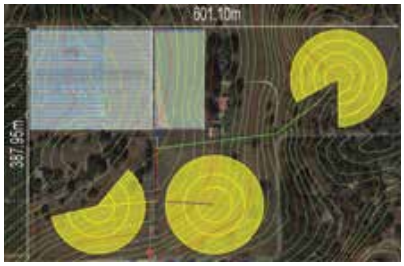
MODEL NUMBER	DESCRIPTION	LIST PRICE
NZIN06 – NZIN21	Insert, color-coded, sizes #6-21 (3/32" – 21/64") for:20, 30, 40 & 50 impact sprinklers, Xcel-Wobblers, Wobblers, Smooth Drive	$0.71
NZV06 - NZV10	Nozzle-vane combo, sizes #6-10 (3/32" - 5/32") for: 20 & 30 impact sprinklers	$1.28
NZV06Q - NZV09Q	Square-orifice nozzle-vane combo, sizes #6-9 (3/32" - 9/64"), for: 20 & 30 impact sprinklers	$1.28
HTNZV05-HTNZV18	Hand-Tight Nozzle-Vane w/ O-ring, color-coded sizes #5-18 (5/64" - 9/32") for: 20, 30, 40 and 50 impact sprinklers	$1.75
HTNZV05Q-HTNZV10Q	Square Orifice Hand-Tight Nozzle-Vane w/ O-ring, color-coded sizes #5-10 (5/64" - 5/32") for: 20 and 30 impact sprinklers (½ sizes also available)	$1.75
HTNZPLUG	Hand Tight Nozzle Plug (black)	$1.75
70NZ14 - 70NZ26	Range Nozzle, sizes #14-26 (7/32" - 13/32") for: 70 impact sprinklers	$2.25
80NZ22 - 80NZ40	Range Nozzle, sizes #22-40 (11/32" - 5/8") for: 80 impact sprinkler	$4.63
UP3NZ04 - UP3NZ26	UP3 nozzle, color-coded, sizes #4-26 (1/16" - 13/32") for: Super Sprays	$1.77
WOBN22 - WOBN24	Nozzle-holder combo, color-coded, sizes #22-24 (11/32" - 3/8") for: Wobblers	$0.80
MWNZ04 - MWNZ10	Nozzles #4-10 (1/16" - 5/32") for: mini-Wobblers	$0.64

VANES, CYLINDERS & NOZZLE HOLDER PRICING

MODEL #	DESCRIPTION	LIST PRICE
VNW	Regular vane (white)	$0.55
VNR	Spiral vane (red)	$0.55
VNB	Barrel vane (blue)	$0.55
VN72S	Range Nozzles spiral barrel vane (dark red) (for 7012 impacts)	$1.81
VN72	Range Nozzles barrel vane (blue-green short) (for 7012 impacts)	$1.81
VN75	Range Nozzles barrel vane (yellow) (for 7025 impacts)	$1.81
VN75E	Range Nozzles effluent vane (pink) (for 7025 impacts)	$1.81
VN85	Range Nozzles barrel vane (black) (for 8025 impacts)	$3.97
80NEX	Range Nozzles extension (booster tube) (for 8025SD-2 sprinklers)	$5.22
NHW1	Nozzle Holder: Winged w/ O-ring	$0.73

"Software for Maximum Irrigation Efficiency"





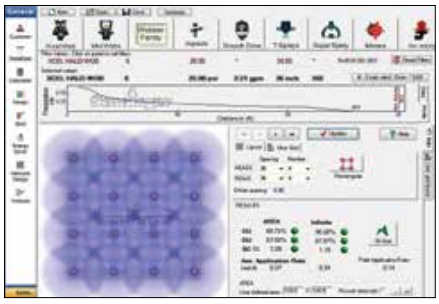
Irri-Maker and IrriExpress let you design comprehensive irrigation projects ranging from large-scale agricultural designs to small-scale landscape designs. Both programs let users evaluate installation alternatives in advance, survey any terrain, produce a contour plan, draw the details, and apply the irrigation design.

You can learn more about IrriExpress and even download a demo online at www.irriexpress.com

IRRI-MAKER, IRRIEXPRESS PROGRAM PRICING

MODEL NUMBER	DESCRIPTION	LIST PRICE
Irri-Maker™ Software*	System Design Software includes: CAD, Digital Terrain Modeling (topographical data), and Irrigation Modules	---
IRRISYSDES	Standard Version (9,000 maximum survey points)	$2,990.00
IRRISYSMOD12617	Small Projects Version (500 survey points)	$2,490.00
IRRISYSMOD05	3-D Viewing Module	$180.00
IRRIEXPRESSBLOCKMOD	IrriExpress Solid Set & Drip Designer	$1000.00
IRRIEXPRESSPIVOTMOD	IrriExpress Pivot Designer	$1000.00
IRRIEXPRESSCOMPLETE	IrriExpress Pivot, Solid Set & Drip	$1500.00

**Call for information on purchasing Irri-maker.*



Ask for this FREE program by contacting the Senninger Technical Support Department.

Use WinSIPP software by Senninger to calculate the precipitation rate of your irrigation system.

FEATURES

- Aids in the selection of the best irrigation products for each particular soil and installation type
- Tests the application uniformity of sprinkler layouts before the system is installed
- Compares different spacings, sprinkler models, nozzle sizes, and operating pressures

Senninger's regulators are designed to meet a variety of installation needs ranging from mechanized sprinkler installations to nursery and greenhouse installations.

Uncontrolled pressure fluctuations in irrigation systems result in unwanted flow deviations and over- and under-watering. These fluctuations occur with the cycling on of an end gun, engagement of a corner arm, variations in field elevation or water supply. Proper use of pressure regulators helps maintain the overall efficiency of an irrigation system and sprinkler performance.

Factors that can shorten a pressure regulator's life span include:

1) Unflushed chemicals in the pipeline
2) Suspended abrasive materials in the water
3) Long operating hours
4) Water hammer

Pressure regulators are recommended if there is a 10% pressure and/or a 5% flow variation. The lower a system's design pressure, the more critical it is to accurately control its pressure.

DESIGN PRESSURE	Pressure Variations			
	1 psi (0.69 bar)	2 psi (1.38 bar)	3 psi (2.07 bar)	5 psi (2.76 bar)
6 psi (0.41 bar)	8.3%	16.7%	25.0%	41.7%
10 psi (0.69 bar)	5.0%	10.0%	15.0%	25.0%
15 psi (1.03 bar)	3.3%	6.7%	10.0%	16.7%
20 psi (1.38 bar)	2.5%	5.0%	7.5%	12.5%
	% Flow Variation			

The basic function of a pressure regulator is to limit excessive and varying inlet pressures to a constant outlet pressure. Senninger pressure regulators are built of high-impact engineering-grade thermoplastics and are 100% factory tested.






	PRLG	PRL	PSR & PSR-2	PMR-MF
Flow Range	0.5 – 7 gpm (114 – 1590 L/hr)	0.5 – 8 gpm (114 – 1817 L/hr)	0.5 – 15 gpm (114 – 3407 L/hr)	2 – 20 gpm (454 – 4543 L/hr)
Preset Operating Pressure	10 – 40 psi (0.69 – 2.76 bar)	6 – 40 psi (0.41 – 2.76 bar)	6 – 50 psi (0.41 – 3.45 bar)	6 – 60 psi (0.41 – 4.14 bar)
Maximum Inlet Pressure	120 psi (8.27 bar)	120 psi (8.27 bar)	130 psi (8.96 bar)	140 psi (9.65 bar)
Inlet Sizes	¾" F hose, ¾" F NPT	¾" F NPT, ¾" F hose	¾" F NPT	¾" F NPT, 1" F NPT, 1" F BSPT
Outlet Sizes	¾" M hose, ¾" M NPT	¾" F NPT	¾" F NPT	¾" F NPT, 1" F NPT, 1" F BSPT







	PR-HF	PRU	PRXF	PRLV	PRXF-LV
Flow Range	10 – 32 gpm (2271 – 7268 L/hr)	20 -100 gpm (4543 - 22713 L/hr)	20 – 100 gpm (4543 - 22713 L/hr)	Max 18 gpm (Max 4088 L/hr)	Max 75 gpm (Max 17034 L/hr)
Preset Operating Pressure	10 – 50 psi (0.69 – 3.45 bar)	10 – 60 psi (0.69 – 4.14 bar)	10 – 60 psi (0.69 – 4.14 bar)	10 – 60 psi (0.69 – 4.14 bar)	20 – 60 psi (1.38 – 4.14 bar)
Maximum Inlet Pressure	130 psi (8.96 bar)	140 psi (9.65 bar)	140 psi (9.65 bar)	125 psi (8.62 bar)	125 psi (8.62 bar)
Inlet Sizes	1 ¼" F NPT, 1 ¼" F BSPT	2" F NPT, 2" F BSPT	3" F slip	¾" F NPT, 1" F NPT	3" F slip
Outlet Sizes	1" F NPT, 1 ¼" F NPT, 1" F BSPT, 1 ¼" F BSPT	2" F NPT, 2" F BSPT	3" F slip	¾" F NPT, 1" F NPT	3" F slip

PRLG PRICING				
MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
PRLG103FH3MH	10 psi, inlet ¾" F hose, outlet ¾" M hose	50	9#	$8.93
PRLG153FH3MH	15 psi, inlet ¾" F hose, outlet ¾" M hose	50	9#	$8.93
PRLG203FH3MH	20 psi, inlet ¾" F hose, outlet ¾" M hose	50	9#	$8.93
PRLG253FH3MH	25 psi, inlet ¾" F hose, outlet ¾" M hose	50	9#	$8.93
PRLG303FH3MH	30 psi, inlet ¾" F hose, outlet ¾" M hose	50	9#	$8.93
PRLG353FH3MH	35 psi, inlet ¾" F hose, outlet ¾" M hose	50	9#	$8.93
PRLG403FH3MH	40 psi, inlet ¾" F hose, outlet ¾" M hose	50	9#	$8.93

Also available as ¾" F NPT inlet x ¾" M NPT outlet: $9.09

PRLG is ideal for installations requiring lower flows of 0.5 to 7.0 gpm (114 to 1590 L/hr). It's ideal for irrigation systems connected to hose bibb faucets or other lawn and landscape applications.



PRLG DESIGN CRITERIA	Preset Operating Pressure	Maximum Inlet Pressure	Flow Range gpm	Flow Range L/hr	Inlet Sizes	Outlet Sizes
PRLG 10	10 psi (0.69 bar)	90 psi (6.20 bar)	0.5 - 7	114 - 1590	¾" F hose, ¾" F NPT	¾" M hose, ¾" M NPT
PRLG 15	15 psi (1.03 bar)	95 psi (6.55 bar)	0.5 - 7	114 - 1590	¾" F hose, ¾" F NPT	¾" M hose, ¾" M NPT
PRLG 20	20 psi (1.38 bar)	100 psi (6.89 bar)	0.5 - 7	114 - 1590	¾" F hose, ¾" F NPT	¾" M hose, ¾" M NPT
PRLG 25	25 psi (1.72 bar)	105 psi (7.24 bar)	0.5 - 7	114 - 1590	¾" F hose, ¾" F NPT	¾" M hose, ¾" M NPT
PRLG 30	30 psi (2.07 bar)	110 psi (7.58 bar)	0.5 - 7	114 - 1590	¾" F hose, ¾" F NPT	¾" M hose, ¾" M NPT
PRLG 35	35 psi (2.41 bar)	115 psi (7.93 bar)	0.5 - 7	114 - 1590	¾" F hose, ¾" F NPT	¾" M hose, ¾" M NPT
PRLG 40	40 psi (2.76 bar)	120 psi (8.27 bar)	0.5 - 7	114 - 1590	¾" F hose, ¾" F NPT	¾" M hose, ¾" M NPT

The pressure regulator shall maintain the predetermined operating pressure provided that the inlet pressure is at least 5 psi (0.34 bar) above the expected outlet pressure, but not exceeding the maximum inlet pressure as shown above.

CAUTION:
Always install downstream from all shut off valves.

PRESSURE REGULATOR LOW-FLOW

PRL PRICING				
MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
PRL063F3F	6 psi, inlet ¾" F NPT, outlet ¾" F NPT	50	14#	$9.98
PRL103F3F	10 psi, inlet ¾" F NPT, outlet ¾" F NPT	50	14#	$9.98
PRL123F3F	12 psi, inlet ¾" F NPT, outlet ¾" F NPT	50	14#	$9.98
PRL153F3F	15 psi, inlet ¾" F NPT, outlet ¾" F NPT	50	14#	$9.98
PRL203F3F	20 psi, inlet ¾" F NPT, outlet ¾" F NPT	50	14#	$9.98
PRL253F3F	25 psi, inlet ¾" F NPT, outlet ¾" F NPT	50	14#	$9.98
PRL303F3F	30 psi, inlet ¾" F NPT, outlet ¾" F NPT	50	14#	$9.98
PRL353F3F	35 psi, inlet ¾" F NPT, outlet ¾" F NPT	50	14#	$9.98
PRL403F3F	40 psi, inlet ¾" F NPT, outlet ¾" F NPT	50	14#	$9.98

Also available as ¾" F hose inlet by ¾" M hose outlet (w/ FTN33H fitting): $10.74
For other possible configurations, consult factory.

The PRL is ideal for installations requiring lower flows of 0.5 to 8.0 gpm (114 to 1817 L/hr). Suggested use in solid-set, micro, drip, other low-volume irrigation systems, as well as center pivot and mechanical-move irrigation systems.



PRL DESIGN CRITERIA	Preset Operating Pressure	Maximum Inlet Pressure	Flow Range gpm	Flow Range L/hr	Inlet Sizes	Outlet Sizes
PRL 06	6 psi (0.41 bar)	80 psi (5.51 bar)	0.5 - 5	114 - 1136	¾" F NPT, ¾" F hose	¾" F NPT
PRL 10	10 psi (0.69 bar)	90 psi (6.20 bar)	0.5 - 8	114 - 1817	¾" F NPT, ¾" F hose	¾" F NPT
PRL 12	12 psi (0.83 bar)	90 psi (6.20 bar)	0.5 - 8	114 - 1817	¾" F NPT, ¾" F hose	¾" F NPT
PRL 15	15 psi (1.03 bar)	95 psi (6.55 bar)	0.5 - 8	114 - 1817	¾" F NPT, ¾" F hose	¾" F NPT
PRL 20	20 psi (1.38 bar)	100 psi (6.89 bar)	0.5 - 8	114 - 1817	¾" F NPT, ¾" F hose	¾" F NPT
PRL 25	25 psi (1.72bar)	105 psi (7.24 bar)	0.5 - 8	114 - 1817	¾" F NPT, ¾" F hose	¾" F NPT
PRL 30	30 psi (2.07 bar)	110 psi (7.58 bar)	0.5 - 8	114 - 1817	¾" F NPT, ¾" F hose	¾" F NPT
PRL 35	35 psi (2.41 bar)	115 psi (7.93 bar)	0.5 - 8	114 - 1817	¾" F NPT, ¾" F hose	¾" F NPT
PRL 40	40 psi (2.76 bar)	120 psi (8.27 bar)	0.5 - 8	114 - 1817	¾" F NPT, ¾" F hose	¾" F NPT

The pressure regulator shall maintain the predetermined operating pressure provided that the inlet pressure is at least 5 psi (0.34 bar) above the expected outlet pressure, but not exceeding the maximum inlet pressure as shown above.

CAUTION:
Always install downstream from all shut off valves.

The PSR and PSR-2 are designed to handle flows along the length of a center pivot, as well as those associated with other mechanical-move systems. The PSR is recommended for relatively clean water. The patented PSR-2 is designed for use with surface water. Flows from 0.5 to 15 gpm (114 to 3407 L/hr).



PSR & PSR-2 PRICING

MODEL NUMBER		DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
PSR063F3F	PSR2063F3F	6 psi, inlet ¾" F NPT, outlet ¾" F NPT	50	21#	$11.25
PSR103F3F	PSR2103F3F	10 psi, inlet ¾" F NPT, outlet ¾" F NPT	50	21#	$11.25
PSR123F3 F	PSR2123F3F	12 psi, inlet ¾" F NPT, outlet ¾" F NPT	50	21#	$11.25
PSR153F3F	PSR2153F3F	15 psi, inlet ¾" F NPT, outlet ¾" F NPT	50	21#	$11.25
PSR203F3F	PSR2203F3F	20 psi, inlet ¾" F NPT, outlet ¾" F NPT	50	21#	$11.25
PSR253F3F	PSR2253F3F	25 psi, inlet ¾" F NPT, outlet ¾" F NPT	50	21#	$11.25
PSR303F3F	PSR2303F3F	30 psi, inlet ¾" F NPT, outlet ¾" F NPT	50	21#	$11.25
PSR353F3F	PSR2353F3F	35 psi, inlet ¾" F NPT, outlet ¾" F NPT	50	21#	$11.25
PSR403F3F	PSR2403F3F	40 psi, inlet ¾" F NPT, outlet ¾" F NPT	50	21#	$11.25
PSR503F3F	PSR2503F3F	50 psi, inlet ¾" F NPT, outlet ¾" F NPT	50	21#	$11.25

PSR DESIGN CRITERIA	Preset Operating Pressure	Maximum Inlet Pressure	Flow Range		Inlet Sizes	Outlet Sizes
			gpm	L/hr		
PSR 06	6 psi (0.41 bar)	80 psi (5.51 bar)	0.5 - 15	114 - 3407	¾" F NPT	¾" F NPT
PSR 10	10 psi (0.69 bar)	90 psi (6.20 bar)	0.5 - 15	114 - 3407	¾" F NPT	¾" F NPT
PSR 12	12 psi (0.83 bar)	90 psi (6.20 bar)	0.5 - 15	114 - 3407	¾" F NPT	¾" F NPT
PSR 15	15 psi (1.03 bar)	95 psi (6.55 bar)	0.5 - 15	114 - 3407	¾" F NPT	¾" F NPT
PSR 20	20 psi (1.38 bar)	100 psi (6.89 bar)	0.5 - 15	114 - 3407	¾" F NPT	¾" F NPT
PSR 25	25 psi (1.72 bar)	105 psi (7.24 bar)	0.5 - 15	114 - 3407	¾" F NPT	¾" F NPT
PSR 30	30 psi (2.07 bar)	110 psi (7.58 bar)	0.5 - 15	114 - 3407	¾" F NPT	¾" F NPT
PSR 35	35 psi (2.41 bar)	115 psi (7.93 bar)	0.5 - 15	114 - 3407	¾" F NPT	¾" F NPT
PSR 40	40 psi (2.76 bar)	120 psi (8.27 bar)	0.5 - 15	114 - 3407	¾" F NPT	¾" F NPT
PSR 50	50 psi (3.45 bar)	130 psi (8.96 bar)	0.5 - 15	114 - 3407	¾" F NPT	¾" F NPT

The pressure regulator shall maintain the predetermined operating pressure provided that the inlet pressure is at least 5 psi (0.34 bar) above the expected outlet pressure, but not exceeding the maximum inlet pressure as shown above.

PSR-2 DESIGN CRITERIA	Preset Operating Pressure	Maximum Inlet Pressure	Flow Range		Inlet Sizes	Outlet Sizes
			gpm	L/hr		
PSR-2-06	6 psi (0.41 bar)	80 psi (5.51 bar)	0.5 - 15	114 - 3407	¾" F NPT	¾" F NPT
PSR-2-10	10 psi (0.69 bar)	90 psi (6.20 bar)	0.5 - 15	114 - 3407	¾" F NPT	¾" F NPT
PSR-2-12	12 psi (0.83 bar)	90 psi (6.20 bar)	0.5 - 15	114 - 3407	¾" F NPT	¾" F NPT
PSR-2-15	15 psi (1.03 bar)	95 psi (6.55 bar)	0.5 - 15	114 - 3407	¾" F NPT	¾" F NPT
PSR-2-20	20 psi (1.38 bar)	100 psi (6.89 bar)	0.5 - 15	114 - 3407	¾" F NPT	¾" F NPT
PSR-2-25	25 psi (1.72 bar)	105 psi (7.24 bar)	0.5 - 15	114 - 3407	¾" F NPT	¾" F NPT
PSR-2-30	30 psi (2.07 bar)	110 psi (7.58 bar)	0.5 - 15	114 - 3407	¾" F NPT	¾" F NPT
PSR-2-35	35 psi (2.41 bar)	115 psi (7.93 bar)	0.5 - 15	114 - 3407	¾" F NPT	¾" F NPT
PSR-2-40	40 psi (2.76 bar)	120 psi (8.27 bar)	0.5 - 15	114 - 3407	¾" F NPT	¾" F NPT
PSR-2-50	50 psi (3.45 bar)	130 psi (8.96 bar)	0.5 - 15	114 - 3407	¾" F NPT	¾" F NPT

The pressure regulator shall maintain the predetermined operating pressure provided that the inlet pressure is at least 5 psi (0.34 bar) above the expected outlet pressure, but not exceeding the maximum inlet pressure as shown above.

CAUTION:
Always install downstream from all shut off valves.

PMR-MF PRICING

MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
PMR06MF3F3FV	6 psi, inlet ¾" F NPT, outlet ¾" F NPT w/ vane	50	22#	$13.93
PMR10MF3F3FV	10 psi, inlet ¾" F NPT, outlet ¾" F NPT w/ vane	50	22#	$13.93
PMR12MF3F3FV	12 psi, inlet ¾" F NPT, outlet ¾" F NPT w/ vane	50	22#	$13.93
PMR15MF3F3FV	15 psi, inlet ¾" F NPT, outlet ¾" F NPT w/ vane	50	22#	$13.93
PMR20MF3F3FV	20 psi, inlet ¾" F NPT, outlet ¾" F NPT w/ vane	50	22#	$13.93
PMR25MF3F3FV	25 psi, inlet ¾" F NPT, outlet ¾" F NPT w/ vane	50	22#	$13.93
PMR30MF3F3FV	30 psi, inlet ¾" F NPT, outlet ¾" F NPT w/ vane	50	22#	$13.93
PMR35MF3F3FV	35 psi, inlet ¾" F NPT, outlet ¾" F NPT w/ vane	50	22#	$13.93
PMR40MF3F3FV	40 psi, inlet ¾" F NPT, outlet ¾" F NPT w/ vane	50	22#	$13.93
PMR50MF3F3FV	50 psi, inlet ¾" F NPT, outlet ¾" F NPT w/ vane	50	22#	$13.93
PMR60MF3F3FV	60 psi, inlet ¾" F NPT, outlet ¾" F NPT w/ vane	50	22#	$13.93

For other possible configurations, contact customer service.

The PMR-MF is ideal for installations requiring mid-range flows of 2 to 20 gpm (454 to 4543 L/hr), including solid-set, drip and other low-volume irrigation systems.



Also available as
1" F BSPT inlet x 1" F BSPT outlet: $15.11
Also available as
1" F NPT inlet X 1" F NPT outlet: $15.11

PMR-MF DESIGN CRITERIA	Preset Operating Pressure	Maximum Inlet Pressure	Flow Range gpm	Flow Range L/hr	Inlet Sizes	Outlet Sizes
PMR 06 MF	6 psi (0.41 bar)	80 psi (5.51 bar)	4 - 16	909 - 3634	¾" F NPT, 1" F NPT, 1" F BSPT	¾" F NPT, 1" F NPT, 1" F BSPT
PMR 10 MF	10 psi (0.69 bar)	90 psi (6.20 bar)	4 - 16	909 - 3634	¾" F NPT, 1" F NPT, 1" F BSPT	¾" F NPT, 1" F NPT, 1" F BSPT
PMR 12 MF	12 psi (0.83 bar)	90 psi (6.20 bar)	2 - 20	454 - 4543	¾" F NPT, 1" F NPT, 1" F BSPT	¾" F NPT, 1" F NPT, 1" F BSPT
PMR 15 MF	15 psi (1.03 bar)	95 psi (6.55 bar)	2 - 20	454 - 4543	¾" F NPT, 1" F NPT, 1" F BSPT	¾" F NPT, 1" F NPT, 1" F BSPT
PMR 20 MF	20 psi (1.38 bar)	100 psi (6.89 bar)	2 - 20	454 - 4543	¾" F NPT, 1" F NPT, 1" F BSPT	¾" F NPT, 1" F NPT, 1" F BSPT
PMR 25 MF	25 psi (1.72bar)	105 psi (7.24 bar)	2 - 20	454 - 4543	¾" F NPT, 1" F NPT, 1" F BSPT	¾" F NPT, 1" F NPT, 1" F BSPT
PMR 30 MF	30 psi (2.07 bar)	110 psi (7.58 bar)	2 - 20	454 - 4543	¾" F NPT, 1" F NPT, 1" F BSPT	¾" F NPT, 1" F NPT, 1" F BSPT
PMR 35 MF	35 psi (2.41 bar)	115 psi (7.93 bar)	2 - 20	454 - 4543	¾" F NPT, 1" F NPT, 1" F BSPT	¾" F NPT, 1" F NPT, 1" F BSPT
PMR 40 MF	40 psi (2.76 bar)	120 psi (8.27 bar)	2 - 20	454 - 4543	¾" F NPT, 1" F NPT, 1" F BSPT	¾" F NPT, 1" F NPT, 1" F BSPT
PMR 50 MF	50 psi (3.45 bar)	130 psi (8.96 bar)	2 - 20	454 - 4543	¾" F NPT, 1" F NPT, 1" F BSPT	¾" F NPT, 1" F NPT, 1" F BSPT
PMR 60 MF	60 psi (4.14 bar)	140 psi (9.65 bar)	2 - 20	454 - 4543	¾" F NPT, 1" F NPT, 1" F BSPT	¾" F NPT, 1" F NPT, 1" F BSPT

The pressure regulator shall maintain the predetermined operating pressure provided that the inlet pressure is at least 5 psi (0.34 bar) above the expected outlet pressure, but not exceeding the maximum inlet pressure as shown above.

CAUTION:
Always install downstream from all shut off valves.

PRESSURE REGULATORS

PRESSURE REGULATOR HIGH-FLOW

PR-HF PRICING

MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
PR10HF5F4FV	10 psi, inlet 1 ¼" F NPT, outlet 1" F NPT	25	16#	$29.53
PR15 HF5F4FV	15 psi, inlet 1 ¼" F NPT, outlet 1" F NPT	25	16#	$29.53
PR20HF5F4FV	20 psi, inlet 1 ¼" F NPT, outlet 1" F NPT	25	16#	$29.53
PR25HF5F4FV	25 psi, inlet 1 ¼" F NPT, outlet 1" F NPT	25	16#	$29.53
PR30HF5F4FV	30 psi, inlet 1 ¼" F NPT, outlet 1" F NPT	25	16#	$29.53
PR40HF5F4FV	40 psi, inlet 1 ¼" F NPT, outlet 1" F NPT	25	16#	$29.53
PR50HF5F4FV	50 psi, inlet 1 ¼" F NPT, outlet 1" F NPT	25	16#	$29.53

The PR-HF (Pressure Regulator High Flow) is ideal for installations requiring higher flows of 10 to 32 gpm (2271 to 7268 L/hr), including solid-set sprinkler and low volume manifolds.



Also available as 1 ¼" F NPT inlet x 1 ¼" F NPT outlet: $30.58
Also available as 1 ¼" F BSPT inlet x 1 ¼" F BSPT outlet: $ 30.58
Also available as 1 ¼" F BSPT inlet x 1" F BSPT outlet: $ 29.53

PR-HF DESIGN CRITERIA	Preset Operating Pressure	Maximum Inlet Pressure	Flow Range gpm	Flow Range L/hr	Inlet Sizes	Outlet Sizes
PR 10 HF	10 psi (0.69 bar)	90 psi (6.20 bar)	10 - 32	2271 - 7268	1 ¼" F NPT, 1 ¼" F BSPT	1" F NPT, 1 ¼" F NPT, 1" F BSPT,1 ¼" F BSPT
PR 15 HF	15 psi 1.03 bar)	95 psi (6.55 bar)	10 - 32	2271 - 7268	1 ¼" F NPT, 1 ¼" F BSPT	1" F NPT, 1 ¼" F NPT, 1" F BSPT,1 ¼" F BSPT
PR 20 HF	20 psi (1.38 bar)	100 psi (6.89 bar)	10 - 32	2271 - 7268	1 ¼" F NPT, 1 ¼" F BSPT	1" F NPT, 1 ¼" F NPT, 1" F BSPT,1 ¼" F BSPT
PR 25 HF	25 psi (1.72bar)	105 psi (7.24 bar)	10 - 32	2271 - 7268	1 ¼" F NPT, 1 ¼" F BSPT	1" F NPT, 1 ¼" F NPT, 1" F BSPT,1 ¼" F BSPT
PR 30 HF	30 psi (2.07 bar)	110 psi (7.58 bar)	10 - 32	2271 - 7268	1 ¼" F NPT, 1 ¼" F BSPT	1" F NPT, 1 ¼" F NPT, 1" F BSPT,1 ¼" F BSPT
PR 40 HF	40 psi (2.76 bar)	120 psi (8.27 bar)	10 - 32	2271 - 7268	1 ¼" F NPT, 1 ¼" F BSPT	1" F NPT, 1 ¼" F NPT, 1" F BSPT,1 ¼" F BSPT
PR 50 HF	50 psi (3.45 bar)	130 psi (8.96 bar)	10 - 32	2271 - 7268	1 ¼" F NPT, 1 ¼" F BSPT	1" F NPT, 1 ¼" F NPT, 1" F BSPT,1 ¼" F BSPT

The pressure regulator shall maintain the predetermined operating pressure provided that the inlet pressure is at least 5 psi (0.34 bar) above the expected outlet pressure, but not exceeding the maximum inlet pressure as shown above.

CAUTION:
Always install downstream from all shut off valves.

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PRESSURE REGULATOR ULTRA

The PRU was designed to handle higher flows of 20 to 100 gpm (4543 - 22713 L/hr). Its 2-inch inlet and outlet size make it an ideal option for accurate zone and individual sprinkler pressure control. Its compact size fits in a valve box.



CAUTION:
Always install downstream from all shut off valves.

PRU PRICING

MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
PRU108F8F	10 psi, inlet 2" F NPT, outlet 2" F NPT	4	15#	$141.75
PRU158F8F	15 psi, inlet 2" F NPT, outlet 2" F NPT	4	15#	$141.75
PRU208F8F	20 psi, inlet 2" F NPT, outlet 2" F NPT	4	15#	$141.75
PRU258F8F	25 psi, inlet 2" F NPT, outlet 2" F NPT	4	15#	$141.75
PRU308F8F	30 psi, inlet 2" F NPT, outlet 2" F NPT	4	15#	$141.75
PRU408F8F	40 psi, inlet 2" F NPT, outlet 2" F NPT	4	15#	$141.75
PRU508F8F	50 psi, inlet 2" F NPT, outlet 2" F NPT	4	15#	$141.75
PRU608F8F	60 psi, inlet 2 " F NPT, outlet 2" F NPT	4	15#	$141.75

Also available as 2" F BSPT inlet x 2" F BSPT outlet: $141.75

PRU DESIGN CRITERIA	Preset Operating Pressure	Maximum Inlet Pressure	Flow Range		Inlet Sizes	Outlet Sizes
			gpm	L/hr		
PRU 10	10 psi (0.69 bar)	90 psi (6.20 bar)	20 - 100	4543 - 22713	2" F NPT, 2" F BSPT	2" F NPT, 2" F BSPT
PRU 15	15 psi (1.03 bar)	95 psi (6.55 bar)	20 - 100	4543 - 22713	2" F NPT, 2" F BSPT	2" F NPT, 2" F BSPT
PRU 20	20 psi (1.38 bar)	100 psi (6.89 bar)	20 - 100	4543 - 22713	2" F NPT, 2" F BSPT	2" F NPT, 2" F BSPT
PRU 25	25 psi (1.72 bar)	105 psi (7.24 bar)	20 - 100	4543 - 22713	2" F NPT, 2" F BSPT	2" F NPT, 2" F BSPT
PRU 30	30 psi (2.07 bar)	110 psi (7.58 bar)	20 - 100	4543 - 22713	2" F NPT, 2" F BSPT	2" F NPT, 2" F BSPT
PRU 40	40 psi (2.76 bar)	120 psi (8.27 bar)	20 - 100	4543 - 22713	2" F NPT, 2" F BSPT	2" F NPT, 2" F BSPT
PRU 50	50 psi (3.45 bar)	130 psi (8.96 bar)	20 - 100	4543 - 22713	2" F NPT, 2" F BSPT	2" F NPT, 2" F BSPT
PRU 60	60 psi (4.14 bar)	140 psi (9.65 bar)	20 - 100	4543 - 22713	2" F NPT, 2" F BSPT	2" F NPT, 2" F BSPT

The pressure regulator shall maintain the predetermined operating pressure provided that the inlet pressure is at least 5 psi (0.34 bar) above the expected outlet pressure, but not exceeding the maximum inlet pressure as shown above.

PRESSURE REGULATOR EXTENDED-FLOW

The PRXF is designed to handle flows up to 100 gpm (22713 L/hr). It's ideal for installations requiring accurate zone pressure regulation, higher flows, including solid-set, low-volume irrigation systems, manifolds and mechanical-move irrigation systems.



CAUTION:
Always install downstream from all shut off valves.

PRXF PRICING

MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
PRXF103FS3FS	10 psi, inlet 3" F slip, outlet 3" F slip, 20-80 gpm	1	8#	$148.46
PRXF153FS3FS	15 psi, inlet 3" F slip, outlet 3" F slip, 20-85 gpm	1	8#	$148.46
PRXF203FS3FS	20 psi, inlet 3" F slip, outlet 3" F slip, 20-90 gpm	1	8#	$148.46
PRXF253FS3FS	25 psi, inlet 3" F slip, outlet 3" F slip, 20-95 gpm	1	8#	$148.46
PRXF303FS3FS	30 psi, inlet 3" F slip, outlet 3" F slip, 20-100 gpm	1	8#	$148.46
PRXF353FS3FS	35 psi, inlet 3" F slip, outlet 3" F slip, 20-100 gpm	1	8#	$148.46
PRXF403FS3FS	40 psi, inlet 3" F slip, outlet 3" F slip, 20-100 gpm	1	8#	$148.46
PRXF503FS3FS	50 psi, inlet 3" F slip, outlet 3" F slip, 20-100 gpm	1	8#	$148.46
PRXF603FS3FS	60 psi, inlet 3" F slip, outlet 3" F slip, 20-100 gpm	1	8#	$148.46

PRXF DESIGN CRITERIA	Preset Operating Pressure	Maximum Inlet Pressure	Flow Range		Inlet Sizes	Outlet Sizes
			gpm	L/hr		
PRXF 10	10 psi (0.69 bar)	90 psi (6.20 bar)	20 - 80	4543 - 18170	3" F slip	3" F slip
PRXF 15	15 psi (1.03 bar)	95 psi (6.55 bar)	20 - 85	4543 - 19306	3" F slip	3" F slip
PRXF 20	20 psi (1.38 bar)	100 psi (6.89 bar)	20 - 90	4543 - 20441	3" F slip	3" F slip
PRXF 25	25 psi (1.72bar)	105 psi (7.24 bar)	20 - 95	4543 - 21577	3" F slip	3" F slip
PRXF 30	30 psi (2.07 bar)	110 psi (7.58 bar)	20 - 100	4543 - 22713	3" F slip	3" F slip
PRXF 35	35 psi (2.41 bar)	115 psi (7.93 bar)	20 - 100	4543 - 22713	3" F slip	3" F slip
PRXF 40	40 psi (2.76 bar)	120 psi (8.27 bar)	20 - 100	4543 - 22713	3" F slip	3" F slip
PRXF 50	50 psi (3.45 bar)	130 psi (8.96 bar)	20 - 100	4543 - 22713	3" F slip	3" F slip
PRXF 60	60 psi (4.14 bar)	140 psi (9.65 bar)	20 - 100	4543 - 22713	3" F slip	3" F slip

The pressure regulator shall maintain the predetermined operating pressure provided that the inlet pressure is at least 5 psi (0.34 bar) above the expected outlet pressure, but not exceeding the maximum inlet pressure as shown above.

PRLV PRICING				
MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
PRLV10MF3F3FV	10 psi, inlet ¾" F NPT, outlet ¾" F NPT	50	24#	$24.54
PRLV15MF3F3FV	15 psi, inlet ¾" F NPT, outlet ¾" F NPT	50	24#	$24.54
PRLV20MF3F3FV	20 psi, inlet ¾" F NPT, outlet ¾" F NPT	50	24#	$24.54
PRLV30MF3F3FV	30 psi, inlet ¾" F NPT, outlet ¾" F NPT	50	24#	$24.54
PRLV40MF3F3FV	40 psi, inlet ¾" F NPT, outlet ¾" F NPT	50	24#	$24.54
PRLV50MF3F3FV	50 psi, inlet ¾" F NPT, outlet ¾" F NPT	50	24#	$24.54
PRLV60MF3F3FV	60 psi, inlet ¾" F NPT, outlet ¾" F NPT	50	24#	$24.54
PRLV30MF4F4FV	30 psi, inlet 1" F NPT, outlet 1" F NPT	50	24#	$25.72
PRLV40MF4F4FV	40 psi, inlet 1" F NPT, outlet 1" F NPT	50	24#	$25.72
PRLV50MF4F4FV	50 psi, inlet 1" F NPT, outlet 1" F NPT	50	24#	$25.72
PRLV60MF4F4FV	60 psi, inlet 1" F NPT, outlet 1" F NPT	50	24#	$25.72

The PRLV is designed to handle flows from 0.5 to 18 gpm (114 to 4088 L/hr). It is used in place of standard pressure regulators to limit static (no flow) water pressure when a shut-off valve is used downstream from a regulation point. This limits downstream pressure and protects downstream components.



CAUTION:
Recommended for outdoor use only.

PRLV DESIGN CRITERIA LIMIT VALVE	Preset Operating Pressure	Maximum Inlet Pressure	Maximum Flow		Inlet Sizes	Outlet Sizes
			gpm	L/hr		
PRLV 10	10 psi (0.69 bar)	125 psi (8.62 bar)	18	4088	¾" F NPT, 1" F NPT	¾" F NPT, 1" F NPT
PRLV 15	15 psi (1.03 bar)	125 psi (8.62 bar)	18	4088	¾" F NPT, 1" F NPT	¾" F NPT, 1" F NPT
PRLV 20	20 psi (1.38 bar)	125 psi (8.62 bar)	18	4088	¾" F NPT, 1" F NPT	¾" F NPT, 1" F NPT
PRLV 30	30 psi (2.07 bar)	125 psi (8.62 bar)	18	4088	¾" F NPT, 1" F NPT	¾" F NPT, 1" F NPT
PRLV 40	40 psi (2.76 bar)	125 psi (8.62 bar)	18	4088	¾" F NPT, 1" F NPT	¾" F NPT, 1" F NPT
PRLV 50	50 psi (3.45 bar)	125 psi (8.62 bar)	18	4088	¾" F NPT, 1" F NPT	¾" F NPT, 1" F NPT
PRLV 60	60 psi (4.14 bar)	125 psi (8.62 bar)	18	4088	¾" F NPT, 1" F NPT	¾" F NPT, 1" F NPT

The pressure regulator shall maintain the predetermined operating pressure provided that the inlet pressure is at least 5 psi (0.34 bar) above the expected outlet pressure, but not exceeding the maximum inlet pressure as shown above.

PRESSURE REGULATING EXTENDED-FLOW LIMIT VALVE™

The PRXF-LV is designed to limit static (no flow) water pressure between a regulation point and a downstream shut-off valve, thus protecting in-line components. It's designed to handle flows up to 75 gpm (17034 L/hr).



CAUTION:
Recommended for outdoor use only.

PRXF-LV PRICING				
MODEL NUMBER	DESCRIPTION	BOX QTY	BOX WT	LIST PRICE
PRXF20LV3FS3FS	20 psi, inlet 3" F slip, outlet 3" F slip, 15-75 gpm	1	8#	$165.59
PRXF30LV3FS3FS	30 psi, inlet 3" F slip, outlet 3" F slip, 15-75 gpm	1	8#	$165.59
PRXF40LV3FS3FS	40 psi, inlet 3" F slip, outlet 3" F slip, 15-75 gpm	1	8#	$165.59
PRXF50LV3FS3FS	50 psi, inlet 3" F slip, outlet 3" F slip, 15-75 gpm	1	8#	$165.59
PRXF60LV3FS3FS	60 psi, inlet 3" F slip, outlet 3" F slip, 15-75 gpm	1	8#	$165.59

PRXF-LV DESIGN CRITERIA EXTENDED FLOW LIMIT VALVE	Preset Operating Pressure	Maximum Inlet Pressure	Maximum Flow		Inlet Sizes	Outlet Sizes
			gpm	L/hr		
PRXF 20 LV	20 psi (1.38 bar)	125 psi (8.62 bar)	75	17034	3" F slip	3" F slip
PRXF 30 LV	30 psi (2.07 bar)	125 psi (8.62 bar)	75	17034	3" F slip	3" F slip
PRXF 40 LV	40 psi (2.76 bar)	125 psi (8.62 bar)	75	17034	3" F slip	3" F slip
PRXF 50 LV	50 psi (3.45 bar)	125 psi (8.62 bar)	75	17034	3" F slip	3" F slip
PRXF 60 LV	60 psi (4.14 bar)	125 psi (8.62 bar)	75	17034	3" F slip	3" F slip

The pressure regulator shall maintain the predetermined operating pressure provided that the inlet pressure is at least 5 psi (0.34 bar) above the expected outlet pressure, but not exceeding the maximum inlet pressure as shown above.

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