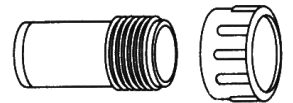
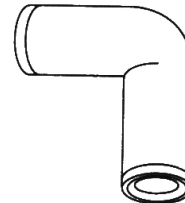
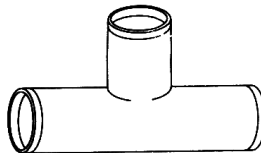
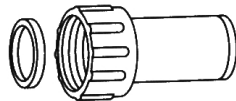
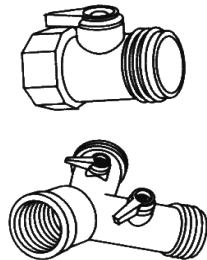




UNIVERSAL SALES

Drip Irrigation Products Price List 2025

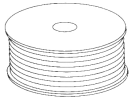
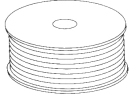
Effective: 4-1-2025



UNIVERSAL SALES
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Junction City, OR 97448
www.universalsales.biz

Phone : 541-998-9999
Fax : 541-998-9998
Toll Free Fax : 888-998-7998
Email : Sales@UniversalSales.biz

PART NUMBER	SIZE	I.D.	O.D.	LENGTH	LIST
POLYETHYLENE DRIP TUBE					

						BOX QTY	
	P-185-100	1/8"	.125"	.185"	100' C	40	6.80
	P-185-1000	1/8"	.125"	.185"	1000' P	4	63.00
	P-220-100	7/32"	.160"	.220"	100' C	32	7.90
	P-220-1000	7/32"	.160"	.220"	1000' P	2	75.00
 	P-250-50	1/4"	.170"	.250"	50' C	40	6.80
	P-250-100	1/4"	.170"	.250"	100' C	28	10.00
	P-250-500	1/4"	.170"	.250"	500' P	6	60.00
	P-250-1000	1/4"	.170"	.250"	1000' P	3	106.00
WT/COIL							
	P-700-50	1/2"	.600"	.700"	50' C	2.1 LBS	23.00
	P-700-100	1/2"	.600"	.700"	100' C	4.2 LBS	33.00
	P-700-500	1/2"	.600"	.700"	500' C	21 LBS	138.00
	P-700-1000	1/2"	.600"	.700"	1000' C	42 LBS	277.00
	P-940-500	3/4"	.830"	.940"	500' C	31 LBS	232.00
	P-1200-250	1"	1.060"	1.200"	250' C	25 LBS	295.00
	P-1200-500	1"	1.060"	1.200"	500' C	50 LBS	475.00

FLEXIBLE PVC IPS HOSE (FITS SCH 40 FITTINGS)

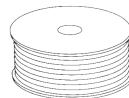
						WT/COIL	
	P-1/2-100	1/2"	.546"	.840"	100' C	20 LBS	210.00
	P-3/4-100	3/4"	.742"	1.050"	100' C	25 LBS	270.00

1/4" IN LINE EMITTER SOAKER DRIPLINE

					BOX QTY	
	SDL-6-100	1/4" WITH 6" EMITTER SPACING		100' C	24	24.00
	SDL-6-100B	BROWN 1/4" WITH 6" SPACING		100' C	24	26.00
	SDL-12-100	1/4" WITH 12" EMITTER SPACING		100' C	24	18.00
	SDL-12-100B	BROWN 1/4" WITH 12" SPACING		100' C	24	20.00



C = COIL



P = PLASTIC HUB REEL

PART NUMBER	DESCRIPTION	BAG QTY	BOX QTY	LIST
"Y" FILTER STRAINERS (10 GPM & 75 PSI MAX)				



YSH 75

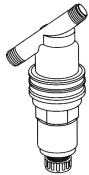
"Y" FILTER, 3/4" HOSE THREAD
3/4" FHT SWIVEL X 3/4" MHT
150 MESH POLY SCREEN

1

50

24.00

ABOVE Y FILTER IS HOSE THREAD, BELOW ARE PIPE THREAD!



YS 75

"Y" FILTER, 3/4" MPT
150 MESH POLY SCREEN

1

50

21.10



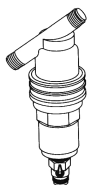
YSS 75

"Y" FILTER, 3/4" MPT
150 MESH STAINLESS STEEL SCREEN

1

50

26.66



YSV 75

"Y" FILTER, 3/4" MPT
150 MESH POLY SCREEN
INCLUDES FLUSH VALVE

1

50

25.20



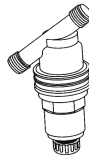
YSVS 75

"Y" FILTER, 3/4" MPT
150 MESH STAINLESS STEEL SCREEN
INCLUDES FLUSH VALVE

1

50

31.00



YS 100

"Y" FILTER, 1" MPT
150 MESH POLY SCREEN

1

50

25.20



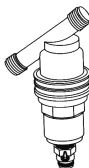
YSS 100

"Y" FILTER, 1" MPT
150 MESH STAINLESS STEEL SCREEN

1

50

31.00



YSV 100

"Y" FILTER, 1" MPT
150 MESH POLY SCREEN
INCLUDES FLUSH VALVE

1

50

29.66



YSVS 100

"Y" FILTER, 1" MPT
150 MESH STAINLESS STEEL SCREEN
INCLUDES FLUSH VALVE

1

50

35.00

YS REPLACEMENT PARTS



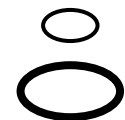
SP 150

150 MESH SCREEN FOR YS FILTER

5

20

10.86



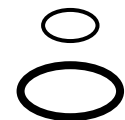
SSS 150

150 MESH STAINLESS STEEL
SCREEN FPR YS FILTER

5

20

16.50



OR 027

O-RING FOR YS FILTER SCREEN

25

100

1.04



OR 136

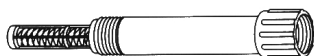
O-RING FOR YS FILTER BODY

20

100

1.10

3/4" HOSE THREAD FILTERS



FIL 75

3/4" MHT X 3/4" FHT

10

100

14.40



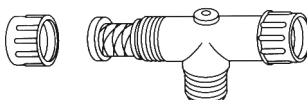
SP 120

120 MESH SCREEN FOR FIL 75

10

50

9.00



FTEE 150

3/4" MHT X 3/4" FHT

20

200

14.00

1/2" MINI REGULATORS



1/2" MPT inlet X 1/2" FPT outlet

MPR-25	1/2" MPT X 1/2" FPT (0.56 to 2.9 GPM)	25	150	7.50
MPR-30	1/2" MPT X 1/2" FPT (0.61 to 3.1 GPM)	30	150	7.50
MPR-40	1/2" MPT X 1/2" FPT (0.70 to 3.6 GPM)	40	150	7.50



MINI PRESSURE REGULATOR

(MPR)

The Senninger Mini Pressure Regulator (MPR) is an economical solution to help reduce excessive pressure. This helps reduce wind drift and overwatering throughout the irrigation zone, including changing elevations and long lateral runs.

Because pressure impacts flow, the MPR reduces flow fluctuations so that each sprinkler performs consistently and delivers the designed distribution pattern.

The MPR has a greater hydraulic area than most flow control devices, allowing pressure regulation over a wider flow range.



FEATURES

- Designed for use immediately beneath the sprinkler
- Maintains the sprinkler's designed flow to +/-10% of nominal flow
- Allows pressure regulation on sprinklers along laterals or mainlines with up to 115 ft (35m) elevation change.
- Connection: 1/2" M NPT inlet x 1/2" F NPT outlet
- Models available: 25 psi (1.72 bar), 30 psi (2.07 bar), and 40 psi (2.76 bar)
- Senninger pressure regulators are available with models for a wide range of flows
- Two-year warranty on materials, workmanship, and performance

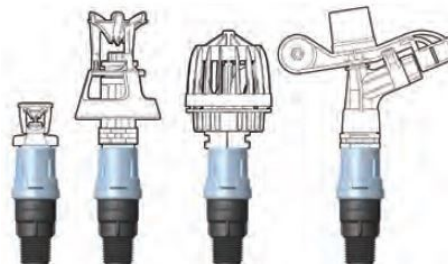
SPRINKLER RECOMMENDATIONS

Model	Nozzle	psi (bar)
mini-Wobbler™	#4 to 8 nozzles	25 psi model (1.72 bar)
Xcel-Wobbler™	#6 to 9 nozzles	25 psi model (1.72 bar)
Smooth Drive™	#6 to 8 nozzles	25, 30, or 40 psi model (1.72, 2.07, or 2.76 bar)
20 Series Impacts	#6 to 9 nozzles	30 or 40 psi model (2.07 or 2.76 bar)

FLOW RANGE BY MODEL

	Pressure Range		Minimum Flow		Maximum Flow	
	psi	bar	gpm	L/hr	gpm	L/hr
MPR25M2F	25 - 75	1.72 - 5.17	0.56	127	2.9	659
MPR30M2F	30 - 80	2.07 - 5.52	0.61	139	3.1	704
MPR40M2F	40 - 90	2.76 - 6.21	0.70	159	3.6	818

ALL ABOVE REGULATORS MUST BE INSTALLED DOWNSTREAM OF ALL SHUT OFF VALVES. PRESSURE WITHOUT FLOW WILL CAUSE DAMAGE.



3/4" HOSE THREAD REGULATORS

3/4" FHT inlet x 3/4" MHT outlet



PRLG-10	3/4" FHT X 3/4" MHT (0.5 to 7 GPM)	10	50	17.50
PRLG-15	3/4" FHT X 3/4" MHT (0.5 to 7 GPM)	15	50	17.50
PRLG-20	3/4" FHT X 3/4" MHT (0.5 to 7 GPM)	20	50	17.50
PRLG-25	3/4" FHT X 3/4" MHT (0.5 to 7 GPM)	25	50	17.50
PRLG-30	3/4" FHT X 3/4" MHT (0.5 to 7 GPM)	30	50	17.50
PRLG-40	3/4" FHT X 3/4" MHT (0.5 to 7 GPM)	40	50	17.50

3/4" LOW FLOW REGULATORS



PRL-10	3/4" FPT X 3/4" FPT (0.5 to 5 GPM)	10	50	20.00
PRL-15	3/4" FPT X 3/4" FPT (0.5 to 8 GPM)	15	50	20.00
PRL-20	3/4" FPT X 3/4" FPT (0.5 to 8 GPM)	20	50	20.00
PRL-25	3/4" FPT X 3/4" FPT (0.5 to 8 GPM)	25	50	20.00
PRL-30	3/4" FPT X 3/4" FPT (0.5 to 8 GPM)	30	50	20.00

3/4" MEDIUM FLOW REGULATORS



PMR-10-MF	3/4" FPT X 3/4" FPT (4 to 16 GPM)	10	50	28.50
PMR-20-MF	3/4" FPT X 3/4" FPT (2 to 20 GPM)	20	50	28.50
PMR-30-MF	3/4" FPT X 3/4" FPT (2 to 20 GPM)	30	50	28.50
PMR-40-MF	3/4" FPT X 3/4" FPT (2 to 20 GPM)	40	50	28.50
PMR-50-MF	3/4" FPT X 3/4" FPT (2 to 20 GPM)	50	50	28.50

1 1/4" (inlet) x 1" (outlet) HIGH FLOW REGULATORS



PR-10-HF	1 1/4" FPT X 1" FPT (10 to 32 GPM)	10	25	60.00
PR-20-HF	1 1/4" FPT X 1" FPT (10 to 32 GPM)	20	25	60.00
PR-30-HF	1 1/4" FPT X 1" FPT (10 to 32 GPM)	30	25	60.00
PR-40-HF	1 1/4" FPT X 1" FPT (10 to 32 GPM)	40	25	60.00
PR-50-HF	1 1/4" FPT X 1" FPT (10 to 32 GPM)	50	25	60.00

2" ULTRA HIGH FLOW REGULATORS

3/4" FHT inlet x 3/4" MHT outlet

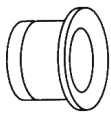


PRU-10	2" FPT X 2" FPT (20 to 100 GPM)	10	4	252.00
PRU-20	2" FPT X 2" FPT (20 to 100 GPM)	20	4	252.00
PRU-30	2" FPT X 2" FPT (20 to 100 GPM)	30	4	252.00
PRU-40	2" FPT X 2" FPT (20 to 100 GPM)	40	4	252.00
PRU-50	2" FPT X 2" FPT (20 to 100 GPM)	50	4	252.00
PRU-60	2" FPT X 2" FPT (20 to 100 GPM)	60	4	252.00

**ALL ABOVE REGULATORS MUST BE INSTALLED DOWNSTREAM OF ALL SHUT OFF VALVES.
PRESSURE WITHOUT FLOW WILL CAUSE DAMAGE.**

PART NUMBER	DESCRIPTION	BAG QTY	LIST
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COMPRESSION ADAPTERS

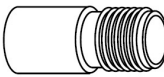


CA 600	.620" COMPRESSION X 1/2" PVC SPIGOT	100	0.36
CA 700	.700" COMPRESSION X 1/2" PVC SPIGOT	100	0.36
CA 900	.940" COMPRESSION X 3/4" PVC SPIGOT	100	0.65

SOCKET ADAPTERS

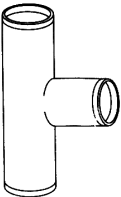


SA 700	.700" COMPRESSION X 1/2" PVC SOCKET / 3/4" SPIGOT	100	1.38
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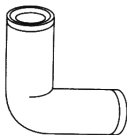
FHA7550 (MHT5B)	3/4" MHT X 1/2" SOCKET / 3/4" SPIGOT	100	1.34
FHA7575 (MHT7B)	3/4" MHT X 3/4" SOCKET / 1" SPIGOT	100	1.62

COMPRESSION TEES



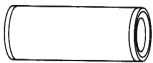
CT 600	.620" COMPRESSION TEE	15	1.82
CT 700	.700" COMPRESSION TEE	15	1.82
CT 900	.940" COMPRESSION TEE	25	3.30
CT 997 REDUCER	.940" X .940" X .700" COMPRESSION TEE	25	3.30

COMPRESSION ELLS



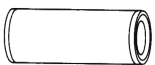
CEL 600	.620" COMPRESSION ELL	25	1.68
CEL 700	.700" COMPRESSION ELL	25	1.68
CEL 900	.940" COMPRESSION ELL	25	2.36

COMPRESSION COUPLERS



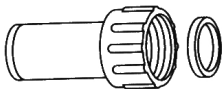
CC 600	.620" COMPRESSION COUPLER	25	1.16
CC 700	.700" COMPRESSION COUPLER	25	1.16
CC 900	.940" COMPRESSION COUPLER	25	1.86

REDUCING COMPRESSION COUPLERS



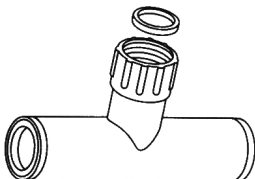
RCC 6070	.620" TUBING TO .700" TUBING	25	1.22
RCC 7090	.700" TUBING TO .940" TUBING	25	1.96

3/4" HOSE SWIVEL ADAPTERS



CSAW 600	.620" COMP. X 3/4" FHT W/WASHER	25	1.92
CSAW 700	.700" COMP. X 3/4" FHT W/WASHER	25	1.92
CSAW 900	.940" COMP. X 3/4" FHT W/WASHER	25	3.40

3/4" HOSE SWIVEL TEES



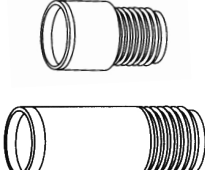
CSTW 600	.620" COMP. TEE X 3/4" FHT W/WASHER	15	2.26
CSTW 700	.700" COMP. TEE X 3/4" FHT W/WASHER	15	2.26
CSTW 900	.940" COMP. TEE X 3/4" FHT W/WASHER	25	4.40

PART NUMBER	DESCRIPTION	BAG QTY	LIST	
COMPRESSION MALE HOSE THREAD ADAPTERS				
	CMAH 600	.620" COMPRESSION X 3/4" MHT	50	1.04
	CMAH 700	.700" COMPRESSION X 3/4" MHT	50	1.04
	CMAH 900	.940" COMPRESSION X 3/4" MHT	25	1.76

COMPRESSION END PLUGS

	CEP 600	.620" COMPRESSION X 3/4" MHT + CAP	25	1.92
	CEP 700	.700" COMPRESSION X 3/4" MHT + CAP	25	1.92
	CEP 900	.940" COMPRESSION X 3/4" MHT + CAP	25	2.68

COMPRESSION MALE PIPE THREAD ADAPTERS

	CMA5 700	.700" COMPRESSION X 1/2" MIPT	50	2.08
	CMA5 600	.620" COMPRESSION X 3/4" MIPT	50	1.04
	CMA5 700	.700" COMPRESSION X 3/4" MIPT	50	1.04
	CMA5 900	.940" COMPRESSION X 3/4" MIPT	25	1.76

HOSE TO PIPE ADAPTERS

	MPHA 75	3/4" MHT X 3/4" MIPT ADAPTER	25	1.80
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HOSE THREAD CAPS AND WASHERS

	CAP 75	3/4" FHT CAP WITH WASHER	100	0.92
	W 75	3/4" VINYL WASHER	100	0.20
	SW 75	3/4" HOSE SCREEN WASHER = 30 MESH	100	0.96

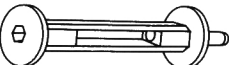
FIGURE 8 END CAPS

	F 870	END CAP FOR .620" AND .700" TUBING	100	0.34
	F 890	END CAP FOR .940" TUBING	100	0.68

SUPPORT HOOKS

	FSH18	18MM FOR 0.660" TO 0.710" OD TUBING	500	0.22
	FSH20	20MM FOR 0.800" TO 0.840" OD TUBING	500	0.24
	FSH75	3/4" FOR 0.920" TO 0.940" OD TUBING	500	0.40

PUNCH TOOLS

	ZP	TEMPO EZ PUNCH TOOL	10	4.80
	HP-125	NDS PUNCH TOOL	10	7.38

PART NUMBER 1/4" ADAPTERS

DESCRIPTION

BAG QTY

LIST

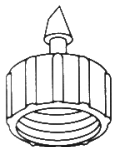


FREL 250
(RA 250)

ONE OUTLET RISER ADAPTER
1/2" FIPT X 1/2" MIPT X 1/4" BARB

50

2.48

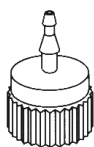


FHAT
(SAH)

HOSE ADAPTER WITH WASHER
3/4" FHT X 1/4" BARB

50

2.22

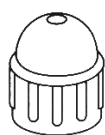


SAT

PIPE ADAPTER
1/2" FIPT X 1/4" BARB

100

2.26

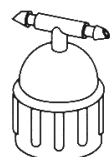


FAJ
(SAJ)

SPRAY JET ADAPTER
1/2" FIPT X 1032 NFT

50

1.34

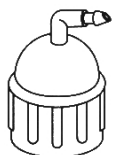


ST 250

BARBED TEE ADAPTER
1/2" FIPT X 1/4" SWIVEL TEE

50

3.28

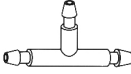
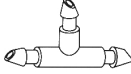
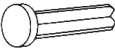


SEL 250

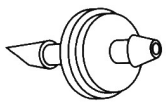
BARBED ELL ADAPTER
1/2" FIPT X 1/4" SWIVEL ELBOW

50

3.28

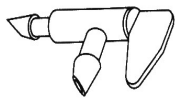
	PART NUMBER	DESCRIPTION	BAG QTY	LIST
1/8" BARBED INSERT FITTINGS				
	C 125 (BB 125)	1/8" COUPLER - SHORT	100	0.16
	T 125	1/8" TEE	100	0.46
1/8" TO 1/4" BARBED INSERT REDUCER				
	FRBA (DBA)	1/8" TO 1/4" COUPLER	100	0.28
1/4" BARBED INSERT FITTINGS				
	BB 250	1/4" COUPLER - SHORT	100	0.16
	C 250	1/4" COUPLER - LONG	100	0.16
	L 250	1/4" ELL	100	0.22
	T 250	1/4" TEE	100	0.24
INSECT PLUGS				
	BP 250	BUG PLUG FOR 1/4" TUBING	100	0.24
BARBED PLUGS				
	GP 2	DUAL SIDED GOOF PLUG	100	0.08

PART NUMBER	DESCRIPTION	BAG QTY	LIST
PRESSURE COMPENSATING EMITTERS			



ERC 05 (PCP 05)	1/2 GPH PRESSURE COMPENSATING 1/4"	100	0.64
ERC 10 (PCP 10)	1 GPH PRESSURE COMPENSATING 1/4"	100	0.64
ERC 20 (PCP 20)	2 GPH PRESSURE COMPENSATING 1/4"	100	0.64

FLAG EMITTERS (TAKE APART EMITTERS)



ETA 10 (TAE 10)	1 GPH LAMINAR FLOW TAKE APART EMITTER 1/4"	100	0.44
ETA 20G (TAE 20)	2 GPH LAMINAR FLOW TAKE APART EMITTER 1/4"	100	0.44
ETA 40Y (TAE 40)	4 GPH LAMINAR FLOW TAKE APART EMITTER 1/4"	100	0.44

CYCLONE EMITTERS (VORTEX STYLE)



EV10	1 GPH BLACK CYCLONE EMITTER, 1/8" BARBED INLET	100	0.36
EV20	2 GPH BLACK CYCLONE EMITTER, 1/8" BARBED INLET	100	0.36
EV40	4 GPH BLACK CYCLONE EMITTER, 1/8" BARBED INLET	100	0.36

Spray Sticks

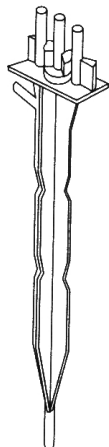


ESS160BL	160 Degree, High Flow	Black	100	0.40
ESS160DG	160 Degree, Medium Flow	Dark Green	100	0.40
ESS160AV	160 Degree, Low Flow	Avocado (light green)	100	0.40
ESS160TC	160 Degree, Mini Flow	Terracotta (orange)	100	0.40
ESS90BR	90 Degree, Low Flow	Brown	100	0.40
ESS90C	90 Degree, Mini Flow	Cement (grey)	100	0.40

DISCHARGE RATES (GPH)

Part No.	Spray Pattern	15 psi			25 psi		
		Discharge Rates (GPH)	Max # of Spray Sticks		Discharge Rates (GPH)	Max # of Spray Sticks	
			0.600" ID Tubing	0.820" ID Tubing		0.600" ID Tubing	0.820" ID Tubing
ESS160BL	160°	12.6 gph	20	40	17.4 gph	15	29
ESS160DG	160°	9.6 gph	27	52	13.2 gph	19	38
ESS160AV	160°	5.4 gph	48	93	7.2 gph	36	70
ESS160TC	160°	3.6 gph	73	140	4.8 gph	54	105
ESS90BR	90°	5.4 gph	48	93	7.8 gph	33	64
ESS90C	90°	2.4 gph	110	211	3.6 gph	73	140

TRI FLOW SPRAY STICKS



TFS 090	BLUE 90 DEGREE THREE FLOW SPRAY STICK	100	0.68
TFS 160	GREEN 160 DEGREE THREE FLOW SPRAY STICK	100	0.68

MODEL	FLOW NODE	DISCHARGE			
		10 PSI	15 PSI	20 PSI	25 PSI
TFS 090	LOW	4.3	4.8	5.3	6
	MEDIUM	6.4	7.1	7.9	9
	HIGH	8.5	9.5	10.6	12
TFS 160	LOW	6.4	7.1	7.9	9
	MEDIUM	8.5	9.5	10.6	12
	HIGH	13.1	14.3	15.9	18

PART NUMBER	DESCRIPTION		BAG QTY	LIST
DIAL ADJUSTABLE EMITTERS				
	EZB FAN	(DAFB FAN)	360 DEGREE FAN SPRAY 0-20 GPH ADJUSTABLE FLOW WITH 1/4" BARB	100 0.96
	EZT FAN	(DAFT FAN)	360 DEGREE FAN SPRAY 0-20 GPH ADJUSTABLE FLOW WITH 10/32" THREAD	100 0.96
	EZS FAN	(DAFS FAN)	360 DEGREE FAN SPRAY 0-20 GPH ADJUSTABLE FLOW WITH 6" SPIKE	50 1.44
	EZB 360	(DAFB 360)	360 DEGREE 8 STREAM 0-10 GPH ADJUSTABLE FLOW WITH 1/4" BARB	100 0.74
	EZT 360	(DAFT 360)	360 DEGREE 8 STREAM 0-10 GPH ADJUSTABLE FLOW WITH 10/32" THREAD	100 0.74
	EZS 360	(DAFS 360)	360 DEGREE 8 STREAM 0-10 GPH ADJUSTABLE FLOW WITH 6" SPIKE	50 1.16
	EZB 180	(DAFB 180)	180 DEGREE 5 STREAM 0-10 GPH ADJUSTABLE FLOW WITH 1/4" BARB	100 0.74
	EZT 180	(DAFT 180)	180 DEGREE 5 STREAM 0-10 GPH ADJUSTABLE FLOW WITH 10/32" THREAD	100 0.74
	EZS 180	(DAFS 180)	180 DEGREE 5 STREAM 0-10 GPH ADJUSTABLE FLOW WITH 6" SPIKE	50 1.16
	EZB BUB	(DAFB BUB)	360 DEGREE MINI BUBBLER 0-25 GPH ADJUSTABLE FLOW WITH 1/4" BARB	100 0.90
	EZT BUB	(DAFT BUB)	360 DEGREE MINI BUBBLER 0-25 GPH ADJUSTABLE FLOW WITH 10/32" THREAD	100 0.90
	EZS BUB	(DAFS BUB)	360 DEGREE MINI BUBBLER 0-25 GPH ADJUSTABLE FLOW WITH 6" SPIKE	50 1.38

4 OUTLET PRESSURE COMPENSATING BUBBLER



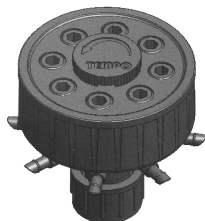
EPCB2	2 GPH/OUTLET BUBBLER	BLUE	25	6.96
EPCB6	6 GPH/OUTLET BUBBLER	BLACK	25	6.96
EPCB10	10 GPH/OUTLET BUBBLER	RED	25	6.96
EPCB20	20 GPH/OUTLET BUBBLER	GREEN	25	6.96

4 = 1/4" SWIVEL BARBS. INLET = 1/2" FPT

DISCHARGE RATES (GPH)

Part No.	20 psi	30 psi	45 psi	60 psi
EPCB2	1.8 gph	2.0 gph	2.4 gph	2.6 gph
EPCB6	5.2 gph	6.2 gph	7.8 gph	8.5 gph
EPCB10	8.0 gph	9.3 gph	11.6 gph	13.0 gph
EPCB20	14.0 gph	18.0 gph	21.0 gph	23.0 gph

8 OUTLET ADJUSTABLE BUBBLER



EAB8	0 - 30 GPH/OUTLET ADJUSTABLE FLOW	10	27.00
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8 = 1/4" SWIVEL BARBED ELBOWS. SWIVEL INLET = 1/2" FPT

PART NUMBER	DESCRIPTION	BAG QTY	LIST
ROTOR SPRAYS WITH 10/32" THREAD			



MST-03	(RS-09)	BROWN NOZZLE = 9.4 GPH @ 20 PSI	100	1.40
MST-04	(RS-10)	BLUE NOZZLE = 11.7 GPH @ 20 PSI	100	1.40
MST-05	(RS-13)	GREEN NOZZLE = 19.5 GPH @ 20 PSI	100	1.40
MST-06	(RS-15)	RED NOZZLE = 26.5 GPH @ 20 PSI	100	1.40
MST-07	(RS-18)	ORANGE NOZZLE = 31.5 GPH @ 20 PSI	100	1.40
MST-08	(RS-20)	GREY NOZZLE = 39.0 GPH @ 20 PSI	100	1.40

MINI-SPINNER WITH 3/8" MPT



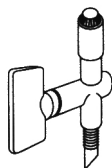
MS7436-39	BLACK NOZZLE = 7.7 GPH @ 25 PSI = 20.2' Diam	100	2.50
MS7436-51	WHITE NOZZLE = 13.1 GPH @ 25 PSI = 24.5' Diam	100	2.50
MS7436-60	BROWN NOZZLE = 20.2 GPH @ 25 PSI = 28.0' Diam	100	2.50
MS7436-70	GREEN NOZZLE = 23.0 GPH @ 25 PSI = 30.5' Diam	100	2.50
MS7436-78	BLUE NOZZLE = 29.7 GPH @ 25 PSI = 33.0' Diam	100	2.50
MS7436-85	GRAY NOZZLE = 37.6 GPH @ 25 PSI = 35.0' Diam	100	2.50
MS7436-92	YELLOW NOZZLE = 46.8 GPH @ 25 PSI = 36.0' Diam	100	2.50
MS7436-99	RED NOZZLE = 54.7 GPH @ 25 PSI = 37.0' Diam	100	2.50

VARI ROTOR SPRAYS



VRS 360	ADJUSTABLE ROTOR SPRAY MAXIMUM 24 GPH @ 20 PSI	100	3.50
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VARI FLOW JETS (Adjustable 0-25GPH)



NEW #	OLD #			
EAJ360	VF 360	ADJUSTABLE FLOW 360 DEGREE SPRAY JET	50	1.66
EAJ180	VF 180	ADJUSTABLE FLOW 360 DEGREE SPRAY JET	50	1.66
EAJ90	VF 090	ADJUSTABLE FLOW 360 DEGREE SPRAY JET	50	1.66

ONE PIECE JETS



NEW #	OLD #			
EJ49	090 04	BLUE BASE WITH 90 DEGREE SPRAY	100	0.36
EJ59	090 05	GREEN BASE WITH 90 DEGREE SPRAY	100	0.36
EJ69	090 06	RED BASE WITH 90 DEGREE SPRAY	100	0.36
EJ418	180 04	BLUE BASE WITH 180 DEGREE SPRAY	100	0.36
EJ518	180 05	GREEN BASE WITH 180 DEGREE SPRAY	100	0.36
EJ618	180 06	RED BASE WITH 180 DEGREE SPRAY	100	0.36
EJ436	280 04	BLUE BASE WITH 360 DEGREE SPRAY	100	0.36
EJ536	280 05	GREEN BASE WITH 360 DEGREE SPRAY	100	0.36
EJ636	280 06	RED BASE WITH 360 DEGREE SPRAY	100	0.36

PART NUMBER STAKES	DESCRIPTION	BAG QTY	LIST
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<u>NEW #</u>	<u>OLD #</u>			
FSJ5	S 4	5" WIRE "J" STAKE FITS P-250	100	0.36
FSU6	S U6	6" WIRE "U" STAKE FOR P-700 TO P-940	100	0.40
FSJ8	S 8	8" WIRE "J" STAKE FOR P-620 TO P-700	100	0.42
FS14	S 14	14" WIRE STAKE FOR 0.3" OD RIGID RISERS	50	1.66
FS6	S 6	6" PLASTIC "V" STAKE FOR P-185 TO P-250	100	0.32
FSJ6	S 7	6" PLASTIC STAKE FOR P-620 TO P-700	50	0.86
FRRS8	S 5	8" PLASTIC STAKE WITH 1/4" BARBED	50	1.04
		SIDE INLET AND 10/32" THREAD TOP OUTLET		
FS9	S 9	9" PLASTIC STAKE FOR P-250	400	0.86
FS13	S 13	13" PLASTIC "CLIP" STAKE FOR 0.3" RIGID RISERS	400	1.04



RIGID RISERS

<u>NEW #</u>	<u>OLD #</u>			
TR6	06 EXT	6" RISER .160" I.D. X .300" O.D.	100	0.28
TR8	08 EXT	8" RISER .160" I.D. X .300" O.D.	100	0.32
TR12	12 EXT	12" RISER .160" I.D. X .300" O.D.	100	0.40
TR18	18 EXT	18" RISER .160" I.D. X .300" O.D.	100	0.56
TRA6-T	06 EXT WA	6" RISER + TT-250 10/32" ADAPTER	100	0.70
TRA8-T	08 EXT WA	8" RISER + TT-250 10/32" ADAPTER	100	0.75
TRA12-T	12 EXT WA	12" RISER + TT-250 10/32" ADAPTER	100	0.84
TRA18-T	18 EXT WA	18" RISER + TT-250 10/32" ADAPTER	100	1.00
FRRS8-6	S5R6	FRRS8 STAKE + 6" RISER	100	1.54
FRRS8-8	S5R8	FRRS8 STAKE + 8" RISER	100	1.60
FRRS8-12	S5R12	FRRS8 STAKE + 12" RISER	100	1.68

MICRO ADAPTERS

	TT 250	10/32" THREAD X 10/32" THREAD	100	0.28
	BT 250	1/4" BARB X 10/32" THREAD	100	0.28
	BB 250	1/4" BARB X 1/4" BARB	100	0.16

PART NUMBER	DESCRIPTION			BAG QTY	LIST
1/8" MPT MISTERS (with 100 mesh screen)					



EM6	0.6 GPH MISTING NOZZLE	GREY	50	8.26
EM10	1.0 GPH MISTING NOZZLE	BLUE	50	8.26



FTM (MTEE)	1/2" SLIP X 1/2" SLIP X 1/8" FPT		25	2.80
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DISCHARGE RATES (GPH)

Part No.	Cone Angle	30 psi	45 psi	60 psi	75 psi	90 psi
EM6	80°	0.65 gph	0.80 gph	0.90 gph	1.00 gph	1.10 gph
EM10	80°	0.90 gph	1.10 gph	1.30 gph	1.40 gph	1.50 gph

1/4" BARBED MISTERS



EMB30	3.5 GPH MISTING NOZZLE	BLACK	100	1.50
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DISCHARGE RATES (GPH)

Part No.	30 psi	45 psi	60 psi
EMB30	3.50 gph	4.20 gph	5.20 gph

FOGGERS



EFB20	1/4" BARB, 1.5GPH 0.020" ORIFICE	GREY	100	1.34
EFB25	1/4" BARB, 2.0GPH 0.025" ORIFICE	BLACK	100	1.34
EFB35	1/4" BARB, 3.0GPH 0.035" ORIFICE	TAN	100	1.34

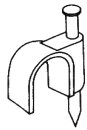


EFT20	1/4" Thread, 1.5GPH 0.020" ORIFICE	GREY	100	1.34
EFT25	1/4" Thread, 2.0GPH 0.025" ORIFICE	BLACK	100	1.34
EFT35	1/4" Thread, 3.0GPH 0.035" ORIFICE	TAN	100	1.34

DISCHARGE RATES PER HEAD (GPH)

Part No.	35 psi	45 psi	55 psi	65 psi	75 psi
EFB20/EFT20/EFD20	1.20 gph	1.50 gph	1.70 gph	1.90 gph	2.00 gph
EFB25/EFT25/EFD25	1.60 gph	2.00 gph	2.20 gph	2.40 gph	2.50 gph
EFB35/EFT35/EFD35	2.50 gph	3.00 gph	3.30 gph	3.60 gph	3.80 gph

PART NUMBER	DESCRIPTION	BAG QTY	LIST
TUBE MOUNTING CLAMPS WITH NAIL			

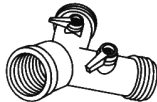


MC 250	1/4" POLY CLAMP WITH NAIL	100	0.22
MC 710	1/2" POLY CLAMP WITH NAIL	100	0.52

HOSE THREAD & PIPE THREAD BALL VALVES

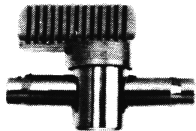


BV 75	3/4" FHT X 3/4" MHT BALL VALVE	25	3.66
BV 75P	3/4" FPT X 3/4" MPT BALL VALVE	25	3.66



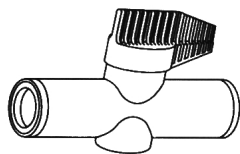
YBV 75	3/4" FHT X 3/4" MHT Y BALL VALVE	25	5.50
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BARBED BALL VALVES



0700 V	.600" BARBED BALL VALVES	20	3.60
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COMPRESSION BALL VALVES



FC 600	.620" COMPRESSION BALL VALVE	15	3.46
FC 700	.700" COMPRESSION BALL VALVE	15	3.46
FC 900	.940" COMPRESSION BALL VALVE	25	4.10

MICRO BALL VALVES



<u>NEW #</u>	<u>OLD #</u>			
FVB 250	MVB 250	1/4" BARBED VALVE	50	1.66



FVT 250	MVT 250	10/32" THREADED VALVE	50	1.66
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TEE ADAPTERS (Tee Eliminators)



TA 50	1/2" FPT TEE ADAPTER	100	2.50
TA 75	3/4" FPT TEE ADAPTER	100	2.80
TA 100	1" FPT TEE ADAPTER	100	3.20

Directions:

- 1) Use a hole saw and drill a hole in the side of PVC pipe.
- 2) Insert TA adapter.
- 3) Screw in MPT fitting.

Minimum recommended pipe size and recommended hole size:

- TA 50 = 1" CL125 PVC minimum and drill a 1" hole.
- TA 75 = 1.25" CL125 PVC minimum and drill a 1-3/16" hole
- TA 100 = 1.5" CL125 PVC minimum and drill a 1-7/16" hole



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Net 10th of month following the invoice date. A 1 1/2% per month service charge will be added to all past due accounts.

CREDIT:

Credit approval for an open account and discount eligibility must be established prior to initial order. COD may be requested for accounts with credit applications in process. Shipments will be held on established accounts with an unsatisfactory payment status.

PRICES:

We reserve the right to change prices without notice. However, we will endeavor to announce price changes 30 days prior to the date of effectiveness. Unless noted otherwise on our sales acknowledgment, prices are those in effect at time of shipment.

SHORTAGES:

All claims such as pricing, shortages, returns, etc. must be made within 1 day from receipt of shipment in writing. All shortages should be identified by giving us the sales order or invoice number and date on which merchandise was received. Please take digital pictures of the shipment for us to review. No debit memo will be accepted until final disposition is determined and factory credit memo is issued.

PRODUCT DESIGN:

Manufacturer reserves the right to redesign, alter, or modify its products without incurring liability for customer's inventory or future repair problems.

DEFECTIVE MATERIALS:

Contact sales office for field inspection prior to any disposition of material. Take digital pictures and send them to us for review. No debit memos, freight charges, returns, etc. will be honored without corporate authorization.

MERCHANDISE RETURNED FOR CREDIT:

No merchandise will be accepted without prior approval from Universal Sales. All materials approved for return shall be returned freight prepaid and are subject to a 20% restocking charge.

DAMAGED FREIGHT:

Products are packaged and accepted by the freight forwarder in undamaged condition. Do not sign for damaged freight without noting damages on the waybill. Notify Universal Sales headquarters immediately for instructions on how to proceed. Take digital pictures and send them to us for review.