

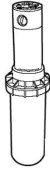
CONTENTS

Discount Code		
A	Hunter	1-9
A	MP Rotator	10-11
G	Rain Bird	12-15
A	Irritrol	16-18
A	Toro	19-20
A	Miscellaneous Turf	21
B	Valve Boxes / Back Flow / Wire	22
A	Irrigation Accessories	23
E	Tools	24
A	Drip Product	25-28
E	PVC / Nipples / SCH 80	36
D	PVC Pipe	36
C	PVC Pipe SCH 40 Fittings	29-35
E	Cement	37
E	Misc. Fittings / Repair Couplers / Saddles / Tank Adapters	38-39
E	Poly Fittings	40-42
D	Poly Pipe	43
E	Clamps / Gear Clamps / Oetiker	44
E	Pex Fittings/ Pex Pipe	45
E	Philmac	46
E	Brass Corporation Fittings / Shark Bite	47
E	Drain Pipe & Fittings	48
E	Big-O/ Culvert	49
E	Hose	50-52
E	Hose Fittings	53
E	Hose Accessories	54
E	Valves	55-57
E	Gaskets/Bolts	58
E	Septic	59-60
E	Drainage	61
F	Little Giant /Pressure Tanks	62
E	End Suction Pumps	63
F	4" Submersible pumps	64
E	Spetic Pumps /Motors/Control	65-66
E	Pump Accessories	67-68
E	Check Valves / Foot Valves	69-70
E	Filters	71-72
F	Water Treatment/ Storage Tanks	72-74
F	Agriculture/ Tsurumi Pumps	75-76
E	Lighting	77-80
	Friction Loss Charts	81-84



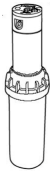
PGJ ROTOR

PGJ 00	Shrub Head	\$43.92
PGJ 04	4" Pop-up	\$47.10
PGJ 06	6" Pop-up	\$66.17
PGJ 12	12" Pop-up	\$92.43



PGP ROTOR

PGP 00	PGP Ultra Shrub Adjustable from 40° to 360°	\$43.92
PGP ADJ	4" Pop-up Adjustable from 40° to 360°	\$36.25
PGP 04	PGP Ultra 4" Pop-up Adjustable to 360°	\$39.76
PGP 12	PGP 12" Pop-up Adjustable	\$101.76



I-20 ROTOR

I20 00	Shrub Adjustable to 360° with Check Valve	\$52.30
I20 04	4" Pop-up Adjustable to 360° with Check Valve	\$56.86
I20 04SS	4" Pop-up Adj to 360° with Check Valve SS Riser	\$80.88
I20 06	6" Pop-up Adj to 360° with Check Valve	\$84.73
I20 12	12" Pop-up Adjustable to 360° with Check Valve	\$116.84



I-25 ROTOR

I25 04	4" Pop-up Adjustable to 360° with Check Valve	\$140.85
I25 06	6" Pop-up Adjustable to 360° with Check Valve	\$177.69
I25 04SS	4" Pop-up Adjustable to 360° with Check Valve & SS Riser	\$180.46
I25 06SS	6" Pop-up Adjustable to 360° with Check Valve & SS Riser	\$217.85



I-40 ROTOR

I40 04SS	4" Pop-up Adjustable with Check Valve & SS Riser	\$270.67
I40 0436S	4" Pop-up 360° Opposing Nozzle & SS Riser	\$308.06
I40 06SS	6" Pop-up Adjustable with Check Valve & SS Riser	\$310.28
I40 0636S	6" Pop-up 360° Opposing Nozzle & SS Riser	\$332.27



I-90 ROTOR

I90 ADS	4" Pop-up Adjustable with Check Valve & SS Riser	\$481.93
I90 36S	4" Pop-up 360 with Check Valve & SS Riser	\$481.93

PRO SPRAY



PROS 00	Shrub Body	\$1.24
PROS 02	2" Pop-up Body	\$8.94
PROS 03	3" Pop-up Body	\$8.94
PROS 04	4" Pop-up Body	\$5.85
PROS 06	6" Pop-up Body	\$22.77
PROS 12	12" Pop-up Body	\$39.18
PROS 04CV	4" Pop-up c/w Check Valve	\$13.85
PROS 06CV	6" Pop-up c/w Check Valve	\$34.32
PROS 12CV	12" Pop-up c/w Check Valve	\$46.75
PROS 00 PRS30	30 PSI Regulated Shrub Body	\$15.30
PROS 04 PRS30CV	30 PSI Regulated Shrub Body c/w Check Valve	\$22.55
PROS 06 PRS30CV	30 PSI Regulated 6" Pop-up Body c/w Check Valve	\$47.70
PROS 12 PRS30CV	30 PSI Regulated 12" Pop-up Body c/w Check Valve	\$55.33
PROS 00 PRS40	40 PSI Regulated Shrub Body	\$15.30
PROS 04 PRS40CV	40 PSI Regulated Shrub Body c/w Check Valve	\$24.96
PROS 06 PRS40CV	40 PSI Regulated Shrub Body c/w Check Valve	\$47.70
PROS 12 PRS40CV	40 PSI Regulated Shrub Body c/w Check Valve	\$55.33

NOZZLES

FIXED SPRAY NOZZLES



PART NUMBER	5Q	5H	5F	8Q	8H	8F	10Q	10H	10F	12Q	12H	12F	15Q	15H	15F	17Q	17H	17F
DESCRIPTION	5' 90°	5' 180°	5' 360°	8' 90°	8' 180°	8' 360°	10' 90°	10' 180°	10' 360°	12' 90°	12' 180°	12' 360°	15' 90°	15' 180°	15' 360°	17' 90°	17' 180°	17' 360°
PRICE	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23	3.23

ADJUSTABLE SPRAY NOZZLES



PART NUMBER	4A	6A	8A	10A	12A	15A	17A
DESCRIPTION	4' ADJ	6' ADJ	8' ADJ	10' ADJ	12' ADJ	15' ADJ	17' ADJ
PRICE	3.23	3.23	3.23	3.23	3.23	3.23	3.23

SHORT RADIUS NOZZLE



PART NUMBER	2Q	2H	4Q	4H	6Q	6H
DESCRIPTION	2' 90°	2' 180°	4' 90°	4' 180°	6' 90°	6' 180°
PRICE	3.23	3.23	3.23	3.23	3.23	3.23

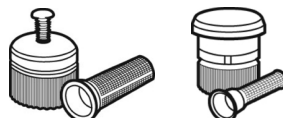
SPECIALTY NOZZLES

STRIP PATTERN NOZZLE



PART NUMBER	ES-515	CS-530	LCS-515	RCS-515	SS-530	SS-918
DESCRIPTION	End Strip	Center Strip	Left Corner Strip	Right Corner Strip	5x30 Side Strip	9x18 Side Strip
PRICE	3.23	3.23	3.23	3.23	3.23	3.23

BUBBLER NOZZLES



PART NUMBER	PCN	PCB	AFB
DESCRIPTION	Female Nozzle THD .25 to 2GPM	1/2" FIPT .25 to 2GPM	1/2" FIPT Adjustable
PRICE	6.59	13.18	13.18

MULTI-STREAM BUBBLER NOZZLE

PART NUMBER	MSBN-25Q	MSBN-50Q	MSBN-50H	MSBN-10H	MSBN-10F	MSBN-20F
DESCRIPTION	90°-1' Radius .25 GPM	90°-1.5' Radius .50 GPM	180°-1' Radius .50 GPM	180°-1.5' Radius 1 GPM	360°-1' Radius 1.5 GPM	360°-1.5' Radius 2 GPM
PRICE	4.89	4.89	4.89	4.89	4.89	4.89



PGV VALVES

PGV100G	1" Plastic Globe Valve	\$57.36
PGV100GS	1" Plastic Globe Valve Slip	\$57.36
PGV101G	1" Plastic Globe Valve with Flow Control	\$62.15
PGV101GS	1" Plastic Globe Valve with Flow Control Slip	\$62.15
PGV151	1-1/2" Plastic/Angle Globe Valve with Flow Control	\$248.65
PGV201	2" Plastic/Angle Globe Valve with Flow Control	\$354.29
PGV100JT	1" Plastic Jar Top Globe Valve	\$57.03
PGV101JT	1" Plastic Jar Top Globe Valve with Flow Control	\$70.05



ICV VALVE

ICV101G	1" Plastic Globe Valve	\$294.88
ICV151G	1-1/2" Plastic Globe Valve	\$396.09
ICV201G	2" Plastic Globe Valve	\$537.94
ICV301G	3" Plastic Globe Valve	\$1,029.02



DRIP ZONE VALVE

PCZ10125	1" Valve c/w Y Filter & 25 PSI Pressure Regulator	\$182.64
ICZ10125	1" Commercial Valve c/w Y Filter & 25 PSI Reg	\$552.34
ICZ15125	1-1/2" Com Valve c/w Y Filter & 25 PSI Reg	\$1,422.66



SOLENOID

HSOL	AC Standard Solenoid	\$32.33
HSOLDC	DC Latching Solenoid 9V	\$77.03



ACCU SYNC

AS-ADJ	ACCU-SYNC Adjustable	\$228.84
AS-30	Fixed 30 PSI	\$190.70
AS-40	Fixed 40 PSI	\$190.70



REMOTE CONTROL

ROAM XL KIT	Transmitter, Receiver, Wiring Harness and 4 AA Batteries	\$2,182.93
ROAM KIT	Transmitter, Receiver, Wiring Harness and Owners Manual	\$693.16

X-CORE CONTROLLER



XC400i	4-Station Indoor Controller	\$279.48
XC400	4-Station Outdoor Controller	\$303.66
XC600i	6-Station Indoor Controller	\$316.87
XC600	6-Station Outdoor Controller	\$340.72
XC800i	8-Station Indoor Controller	\$400.49
XC800	8-Station Outdoor Controller	\$407.74
HXCH600	6-Station Hybrid DC Controller	\$495.47
HXCH800	8-Station Hybrid DC Controller	\$577.43
HXCH1000	10-Station Hybrid DC Controller	\$638.08
HXCH1200	12-Station Hybrid DC Controller	\$704.18



X2 CONTROLLER

X2-400	4-Station Outdoor Controller	\$363.43
X2-600	6-Station Outdoor Controller	\$363.43
X2-800	8-Station Outdoor Controller	\$427.18
X2-1400	14-Station Outdoor Controller	\$750.29
X2-WAND	Wi-Fi Module for Hydrowise Management Software	\$356.39



PRO-C CONTROLLER

PC400i	4-Station Modular Indoor Controller Expandable to 15 Stations	\$435.70
PC400	4-Station Modular Outdoor Controller Expandable to 15 Stations	\$510.51
PCM300	3-Station Plug in Module	\$150.25
PCM900	9-Station Plug in Module	\$556.04



I-CORE CONTROLLER

IC600PL	6-Station Model with Plastic Cabinet and 30-Station Capacity	\$1,263.11
IC600M	6-Station Model with Metal Cabinet and 42-Station Capacity	\$2,280.19
ICM600	6-Station Module	\$303.69

ICC2 CONTROLLER



ICC2-800PL	8-Station Model with Plastic Cabinet and 54-Station Capacity	\$922.89
ICC2-800M	8-Station Model with Metal Cabinet and 54-Station Capacity	\$1,893.89
ICM400	4-Station ICC2/HHC Module	\$275.08
ICM800	8-Station ICC2/HHC Module	\$481.93
ICM2200	22-Station ICC2/HHC Module	\$970.45



ACC2 CONTROLLER

ACC	12-Station Controller 42 Station Capacity	\$3,542.88
ACM	6-Station Plug in Module	\$979.39
SENSOR SYNC	ACC/I-Core Flow Sensor	\$717.37
ACCPED	Pedestal for ICore and ACC	CALL



EZ DECODER SYSTEM

EZ-DM	Decoder output module for HCC and ICC2	\$690.97
EZ-1	Single- station decoder with status LED	\$196.41

NODE CONTROLLER

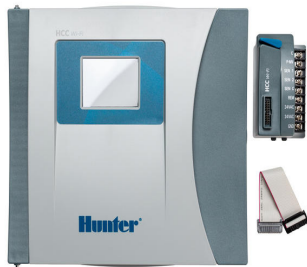


NODE 100	Single Station DC	\$396.09
NODE 200	2-Station DC	\$590.24
NODE 400	4-Station DC	\$721.60
NODE 600	6-Station DC	\$759.38



NODE BLUETOOTH CONTROLLER

NODE-BT-100	1-Station Bluetooth DC	\$468.91
NODE-BT-200	2-Station Bluetooth DC	\$609.61
NODE-BT-400	4-Station Bluetooth DC	\$726.83

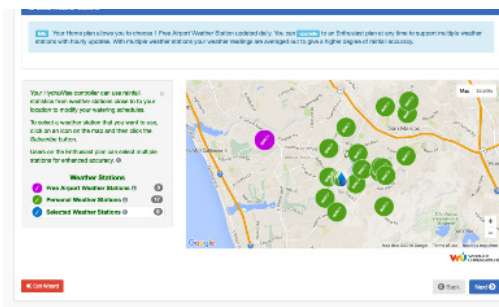
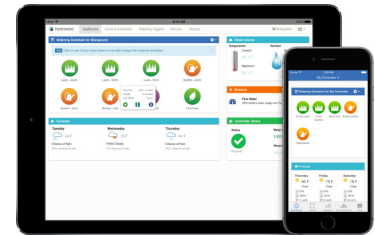


Touch Screen Interface

The HC and Pro-HC controllers have a full graphical touchscreen interface making programming without Wi-Fi connectivity a breeze. Install and program within minutes with these controllers.

Wifi Controller

Use our iPhone or Android app as a remote control for increased efficiency or manage your customer controllers from a smart device or your web-based home or office.



Predictive Watering Adjustments

Daily schedule adjustments based on local weather data monitor past, current and forecasted temperature, rainfall, humidity, and wind speed. This allows for adjustments of watering times and schedules to balance water savings with water efficiency for plants.

Flow Meter Detection and Alerts

Monitor your piping and sprinklers with an optional flow meter. Receive automatic alerts when a pipe is broken to prevent property damage.





HYDRAWISE PRO-C

HPC400	HPC 4 Zone Wifi Controller Outdoor with Up To 16-Zone Capacity	\$889.02
HPCFP	Hydrawise Retrofit Front Panel for the Pro-C	\$530.32
PCM300	3-Station Plug in Module	\$150.25
PCM900	9-Station Plug in Module	\$556.04



PRO-HC

PHC 600I	Pro-HC 6 Zone Wifi Controller Indoor	\$741.57
PHC 600	Pro-HC 6 Zone Wifi Controller Outdoor	\$950.14
PHC 1200I	Pro-HC 12 Zone Wifi Controller Indoor	\$930.84
PHC 1200	Pro-HC 12 Zone Wifi Controller Outdoor	\$1,124.75
PHC 2400I	Pro-HC 24 Zone Wifi Controller Indoor	\$1,659.20
PHC 2400	Pro-HC 24 Zone Wifi Controller Outdoor	\$1,970.32



HCC

HCC800PL	8 Station Wifi Controller Plastic With 54-Station Capacity	\$1,410.55
HHC800M	8 Station Wifi Controller Metal With 54-Station Capacity	\$2,165.34
HHC800SS	8 Station Wifi Controller Stainless Steel with 54-Station Capacity	\$6,120.56

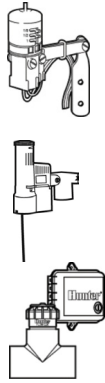


HC FLOW METER

HCFM 75	3/4" Hydrowise Flow Meter	\$484.11
HCFM 10	1" Hydrowise Flow Meter	\$547.70
HCFM 15	1-1/2" Hydrowise Flow Meter	\$1,111.48
HCFM 20	2" Hydrowise Flow Meter	\$1,462.15

All prices subject to change without notice

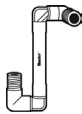
SENSORS



MINICLIK	Standard Mini-Clik Rain Sensor	\$94.62
RAINCLIK	Standard Rain Sensor with Instant Shutoff	\$99.58
WRC	Wireless Rain-Clik	\$268.45
WINDCLIK	High Wind Condition Shutoff	\$416.94
SOILCLIK	Moisure Sensor	\$371.88
SOLAR	Solar Sync	\$315.82
SOLARSEN	Solar Sync Sensor Only	\$290.48
WSS	Wireless Solar Sync	\$561.15
WSSSEN	Wireless Solar Sync Sensor Only	\$547.93
FLOWCLICK	Flow Click System	\$1,519.56
FS	Flow Sync	\$717.37



MISC ITEMS



HSJ506	1/2" x 6" Length Swing Joint	\$4.50
HFT100	Hunter Flexible Tubing	\$82.95
HC50F50M	1/2" Female Inlet x 1/2" Male Outlet Check Valve	\$18.50
HC75F75M	3/4" Female Inlet x 3/4" Male Outlet Check Valve	\$20.78
HPG	Hunter Pitot Gauge	\$110.70
RZWS18	18" Root Zone Watering System	\$95.69
RZWS36	36" Root Zone Watering System	\$114.03
ECOIND	Eco Indicator	\$29.17



PUMP START RELAY

PSR22	2HP@120V 5HP@240V	\$242.06
PSR52	5HP@120V 7.5HP@240V	\$380.69

REPLACEMENT PARTS

HLAN	Low Angle Nozzle	\$2.02
HPGPC	PGP Rubber Cover	\$2.19
HPGPRS	PGP Riser Seal	\$4.63
HPGPCV	PGP Check Valve	\$4.37
462078	PGJ Check Valve	\$3.95
HPSCV	PS Check Valve	\$4.21
HPSUCV	PSU Check Valve	\$6.20
HSRSCV	Pro-Spray Check Valve	\$2.19
PGVD1	PGV 100/101 Diaphragm	\$26.40
ICVD10	ICV 1" Diaphragm	\$48.41
ICVD	ICV 1-1/2"-2" Diaphragm	\$66.00
HTRANS	Transformer	\$70.41



MP ROTATOR 1000

MP1000 90-210	Maroon 90° - 210° Adjustable 8' - 15'	\$17.76
MP1000 210-270	Lt. Blue 210° - 270° Adjustable 8' - 15'	\$17.76
MP1000 360	Olive 360° Fixed 8' - 15'	\$17.76



MP ROTATOR 2000

MP2000 90-210	Black 90° - 210° Adjustable 13' - 21'	\$17.76
MP2000 210-270	Green 210° - 270° Adjustable 13' - 21'	\$17.76
MP2000 360	Red 360° Fixed 13' - 21'	\$17.76



MP ROTATOR 3000

MP3000 90-210	Blue 90° - 210° Adjustable 22' - 30'	\$17.76
MP3000 210-270	Yellow 210° - 270° Adjustable 22' - 30'	\$17.76
MP3000 360	Grey 360° Fixed 22' - 30'	\$17.76



MP ROTATOR 3500

MP3500 90-210	Light Brown 90° - 210° Adjustable 33' - 35'	\$17.76
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MP ROTATOR STRIP

MPLCS	Ivory 5 x 15 Rectangle Left Corner Strip	\$17.76
MPRCS	Copper 5 x 15 Rectangle Right Corner Strip	\$17.76
MPSS	Brown 5 x 30 Side Strip	\$17.76
MPCORNER	Turquoise 45° - 105° Adjustable 8' - 15'	\$17.76
MPROTATORT	MP Rotator Toro THD	\$21.09

MP ROTATOR 800 SERIES



MP800 SR 90-210	Orange 90-210° 6'-12'	\$17.76
MP800 SR 360	Lime Green 360° 6'-12'	\$17.76
MP815 90	Red-Grey 90-210° 6'-12'	\$17.76
MP815 210	Light Blue- Grey 210-270° 6'-12'	\$17.76
MP815 360	Olive- Grey 360° 6'-12'	\$17.76

MP ROTATOR TOOLS



MPKEY	MP Rotator Adjustment Tool	\$2.93
MPMAT	MP Rotator Match Stick	\$17.76
MPPRESSURE	MP T-Shaped Pressure Gauge Adapter	\$7.21

MP1000 Radius: 8' to 15' Adjustable Arc and Full-Circle							MP2000 Radius: 13' to 21' Adjustable Arc and Full-Circle							MP3000 Radius: 22' to 30' Adjustable Arc and Full-Circle						
Arc	Pressure PSI	Radius ft.	Flow GPM	Flow GPH	Precip in/hr ■▲		Radius ft.	Flow GPM	Flow GPH	Precip in/hr ■▲		Radius ft.	Flow GPM	Flow GPH	Precip in/hr ■▲					
90°	25	---	---	---	---	---	17	0.34	20.4	0.45	0.52	25	0.71	42.6	0.44	0.51				
	30	12	0.17	10.2	0.45	0.52	18	0.38	22.8	0.45	0.52	27	0.76	45.6	0.40	0.46				
	35	13	0.19	11.4	0.43	0.50	19	0.40	24.0	0.43	0.49	28	0.82	49.2	0.40	0.46				
	40	14	0.21	12.6	0.41	0.48	20	0.43	25.8	0.41	0.48	30	0.86	51.6	0.37	0.42				
	45	14	0.23	13.8	0.45	0.52	21	0.46	27.6	0.40	0.46	30	0.90	54.0	0.39	0.44				
180°	25	---	---	---	---	---	16	0.6	36.0	0.45	0.52	25	1.44	86.4	0.44	0.51				
	30	12	0.34	20.4	0.45	0.52	17	0.64	38.4	0.43	0.49	27	1.58	94.8	0.42	0.48				
	35	13	0.38	22.8	0.43	0.50	18	0.71	42.6	0.42	0.49	28	1.70	102.0	0.42	0.48				
	40	14	0.42	25.2	0.41	0.48	19	0.77	46.2	0.41	0.47	30	1.82	109.2	0.39	0.45				
	45	14	0.44	26.4	0.43	0.50	20	0.85	51.0	0.41	0.47	30	1.93	115.8	0.41	0.48				
210°	25	---	---	---	---	---	16	0.72	43.2	0.46	0.54	25	1.68	100.8	0.44	0.51				
	30	12	0.40	24.0	0.46	0.53	17	0.75	45.0	0.43	0.49	27	1.84	110.4	0.42	0.48				
	35	13	0.45	27.0	0.44	0.51	18	0.81	48.6	0.41	0.48	28	1.99	119.4	0.42	0.48				
	40	14	0.49	29.4	0.41	0.48	19	0.86	51.6	0.39	0.45	30	2.12	127.2	0.39	0.45				
	45	14	0.51	30.6	0.43	0.50	20	0.91	54.6	0.38	0.43	30	2.25	135.0	0.41	0.48				
270°	25	---	---	---	---	---	16	0.87	52.2	0.44	0.50	25	2.19	131.4	0.45	0.52				
	30	12	0.48	28.8	0.43	0.49	17	0.95	57.0	0.42	0.49	27	2.37	142.2	0.42	0.48				
	35	13	0.53	31.8	0.40	0.46	18	1.03	61.8	0.41	0.47	28	2.55	153.0	0.42	0.48				
	40	14	0.63	37.8	0.41	0.48	19	1.10	66.0	0.39	0.45	30	2.73	163.8	0.39	0.45				
	45	14	0.67	40.2	0.44	0.51	20	1.17	70.2	0.38	0.43	30	2.89	173.4	0.41	0.48				
360°	25	---	---	---	---	---	16	1.20	72.0	0.45	0.52	25	2.88	172.8	0.44	0.51				
	30	12	0.69	41.4	0.46	0.53	17	1.28	76.8	0.43	0.49	27	3.15	189.0	0.42	0.48				
	35	13	0.77	46.2	0.44	0.51	18	1.37	82.2	0.41	0.47	28	3.40	204.0	0.42	0.48				
	40	14	0.84	50.4	0.41	0.48	19	1.48	88.8	0.39	0.46	30	3.64	218.4	0.39	0.45				
	45	14	0.88	52.8	0.43	0.50	20	1.57	94.2	0.38	0.44	30	3.86	231.6	0.41	0.48				

MP3500
Radius: 31' to 35'
Adjustable Arc
● Light Brown: 90°

Arc	Pressure PSI	Radius ft.	Flow GPM	Flow GPH	Precip in/hr ■▲
90°	25	33	1.04	62.4	0.37 0.42
	30	34	1.13	67.8	0.38 0.43
	35	34	1.21	72.6	0.40 0.47
	40	35	1.28	76.8	0.40 0.46
	45	35	1.38	82.8	0.43 0.50
180°	25	33	2.21	132.6	0.39 0.45
	30	34	2.24	134.4	0.37 0.43
	35	34	2.65	159.0	0.44 0.51
	40	35	2.86	171.6	0.45 0.52
	45	35	3.10	186.0	0.49 0.56
210°	25	35	3.21	192.6	0.50 0.58
	30	35	3.28	196.8	0.52 0.60
	35	33	2.59	155.4	0.39 0.45
	40	34	2.84	170.4	0.41 0.47
	45	34	3.08	184.8	0.44 0.51

- MPLCS-51S: Ivory, MP Left Corner Strip
- MPRCS-51S: Copper, MP Right Corner Strip
- MPSS-530: Brown, MP Side Strip

Pressure PSI	Radius ft.	Flow GPM	Flow GPH	
MP Left Corner Strip	30	4 x 14	0.19	11.4
	35	5 x 15	0.21	12.6
	40	5 x 15	0.22	13.2
	45	5 x 15	0.23	13.8
	50	6 x 16	0.25	15.0
MP Right Corner Strip	30	4 x 14	0.19	11.4
	35	5 x 15	0.21	12.6
	40	5 x 15	0.22	13.2
	45	5 x 15	0.23	13.8
	50	6 x 16	0.25	15.0
MP Side Strip	30	6 x 16	0.26	15.6
	35	6 x 16	0.26	15.6
	40	4 x 28	0.38	22.8
	45	5 x 30	0.41	24.6
	50	5 x 30	0.44	26.4

MP800SR Radius: 6' to 12' Adjustable Arc						MP815 Radius: 8' to 16' Adjustable Arc and Full-Circle					
Arc	Pressure PSI	Radius ft.	Flow GPM	Flow GPH	Precip in/hr ■▲	Arc	Pressure PSI	Radius ft.	Flow GPM	Flow GPH	Precip in/hr ■▲
90°	30	8	0.17	9.6	0.90 1.04	30	14	0.42	25.20	0.83 0.95	
	35	9	0.21	11.4	0.89 1.03	35	15	0.46	27.60	0.79 0.91	
	40	10	0.23	13.8	0.83 0.96	40	15	0.49	29.40	0.84 0.97	
	45	11	0.25	15.0	0.80 0.92	45	16	0.52	31.20	0.78 0.90	
	50	11	0.27	16.2	0.79 0.92	50	16	0.55	33.00	0.83 0.96	
180°	30	8	0.33	19.2	0.88 1.02	30	13	0.75	45.00	0.85 0.99	
	35	9	0.38	22.2	0.85 0.99	35	14	0.86	51.60	0.84 0.98	
	40	10	0.42	25.2	0.81 0.93	40	15	0.93	55.80	0.80 0.92	
	45	11	0.46	27.6	0.77 0.88	45	15	0.96	57.60	0.82 0.95	
	50	11	0.48	28.8	0.76 0.88	50	16	1.06	63.60	0.80 0.92	
210°	30	8	0.35	22.2	0.80 0.93	30	13	0.88	52.80	0.86 0.99	
	35	9	0.38	26.4	0.77 0.89	35	14	0.96	57.60	0.81 0.93	
	40	10	0.43	29.4	0.81 0.91	40	15	1.10	66.00	0.81 0.93	
	45	10	0.45	31.8	0.82 0.95	45	15	1.16	69.60	0.85 0.98	
	50	11	0.49	33.6	0.73 0.85	50	16	1.24	74.40	0.80 0.92	
360°	30	8	0.66	37.8	0.89 1.03	30	13	1.14	68.40	0.87 1.00	
	35	9	0.71	42.0	0.80 0.92	35	14	1.24	74.40	0.81 0.94	
	40	10	0.78	46.8	0.79 0.91	40	15	1.40	84.00	0.80 0.92	
	45	10	0.85	51.0	0.78 0.90	45	15	1.47	88.20	0.84 0.97	
	50	11	0.88	52.8	0.73 0.85	50	16	1.54	92.40	0.77 0.89	





3500 SERIES ROTOR

3500	Shrub Rotor	\$52.00
3504	4" Pop-up	\$50.10



5000/5000 PLUS SERIES ROTOR

5004FC	4" Pop-up Full Circle	\$37.41
5004PC	4" Pop-up Part Circle	\$37.41
5004PLFC	4" Pop-up Plus Full Circle	\$42.30
5004PLPC	4" Pop-up Plus Part Circle	\$42.30
5004PLSSFC	4" Pop-up Plus Stainless Steel Full Circle	\$73.21
5004PLSSPC	4" Pop-up Plus Stainless Steel Part Circle	\$73.21



5500 SERIES ROTOR

5505	5" Pop-up Rotor	\$65.06
5505SS	5" Pop-up Stainless	\$120.37



8005 SERIES ROTOR

8005	4" Pop-up Rotor	\$227.74
8005FCSS	4" Pop-up Stainless Steel Full Circle	\$253.77
8005PCSS	4" Pop-up Stainless Steel Part Circle	\$253.77



FALCON 6504 SERIES ROTOR

6504FC	4" Pop-up Full Circle	\$143.15
6504PC	4" Pop-up Part Circle	\$143.15
6504FCSS	4" Pop-up Stainless Steel Full Circle	\$201.71
6504PCSS	4" Pop-up Stainless Steel Part Circle	\$201.71

1800 SERIES SPRAY



PA8S	Shrub Adapter	\$3.85
PA8PRS	Shrub Adapter Pressure Comp	\$15.91
1802	2" Pop-up Spray Body	\$11.55
1803	3" Pop-up Spray Body	\$11.55
1804	4" Pop-up Spray Body	\$5.49
1806	6" Pop-up Spray Body	\$30.56
1812	12" Pop-up Spray Body	\$42.88
1804S	4" Pop-up Spray c/w Check Valve	\$16.01
1806S	6" Pop-up Spray c/w Check Valve	\$41.32
1804SPRS	4" Pop-up Spray c/w Press Regulator & Check Valve	\$26.94
1806SPRS	6" Pop-up Spray c/w Press Regulator & Check Valve	\$41.32
1812SPRS	12" Pop-up Spray c/w Press Regulator & Check Valve	\$51.67

NOZZLES



MPR SERIES

PART NUMBER	5Q	5H	5F	8Q	8H	8F	10Q	10H	10F	12Q	12H	12F	15Q	15H	15F
DESCRIPTION	5' 90°	5' 180°	5' 360°	8' 90°	8' 180°	8' 360°	10' 90°	10' 180°	10' 360°	12' 90°	12' 180°	12' 360°	15' 90°	15' 180°	15' 360°
PRICE	\$3.30	\$3.30	\$3.30	\$3.30	\$3.30	\$3.30	\$3.30	\$3.30	\$3.30	\$3.30	\$3.30	\$3.30	\$3.30	\$3.30	\$3.30



VAN SERIES

PART NUMBER	4A	6A	8A	10A	12A	15A	18A
DESCRIPTION	4' ADJ	6' ADJ	8' ADJ	10' ADJ	12' ADJ	15' ADJ	18' ADJ
PRICE	\$3.30	\$3.30	\$3.30	\$3.30	\$3.30	\$3.30	\$3.30



DV VALVES

75DV	3/4" Plastic Globe Valve	\$73.21
100DV	1" Plastic Globe Valve	\$64.04
100DVF	1" Plastic Globe Valve with Flow Control	\$70.11



PGA VALVES

100PGA	1" Plastic Globe Valve	\$91.58
150PGA	1-1/2" Plastic Globe Valve	\$265.62
200PGA	2" Plastic Globe Valve	\$369.40



PEB VALVE

100PEB	1" Plastic Industrial Valve	\$297.26
150PEB	1-1/2" Plastic Industrial Valve	\$396.32
200PEB	2" Plastic Industrial Valve	\$534.20



SOLENOID

RSOL	Solenoid 24 VAC	\$40.62
RSOLPEB	Solenoid 24 VAC PGA/PEB	\$171.57
TBOSPSOL	TBOS DC Latching Solenoid	\$136.65

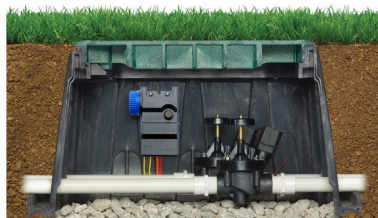


TBOS BATTERY OPERATED CONTROLLER

TBOSFTUS	Battery Operated Field Transmitter	\$972.79
TBOSICS	1 Station Module Battery Operated	\$712.51
TBOS2C	2 Station Module Battery Operated	\$943.51
TBOS4	4 Station Module Battery Operated	\$1161.50

TBOS BATTERY BT OPERATED CONTROLLER

TBOSBT1	1 Station Bluetooth Battery Operated	
TBOSBT2	2 Station Bluetooth Battery Operated	
TBOSBT4	4 Station Bluetooth Battery Operated	
TBOSBT6	6 Station Bluetooth Battery Operated	





STPI CONTROLLER

STP400I	4 Station Indoor Controller	\$228.55
STP600I	6 Station Indoor Controller	\$268.88
STP900I	9 Station Indoor Controller	\$322.65



ESP MODULAR SERIES CONTROLLER

ESP4MI	4 Station Modular Indoor Controller (expandable to 13 stn)	\$413.19
ESP4M	4 Station Modular Outdoor Controller (expandable to 13 stn)	\$520.55
ESPSM3	3 Station Plug in Module for ESP and Smart Controller	\$162.67



ESP-LX MODULAR SERIES CONTROLLER

ESP8LX	8 Station Modular Outdoor Controller (expandable to 32 stn)	\$1158.24
ESPLXSM4	4 Station Plug in Module	\$214.73
ESPLXSM8	8 Station Plug in Module	\$419.69



ESP-SMT SMART MODULAR CONTROLLER

ESPSMT41	4 Station Indoor Smart Controller	\$1382.73
ESPSMT4	4 Station Outdoor Smart Controller	\$1464.07
ESPSMT	Smart Controller Upgrade Kit	\$1057.38



SENSOR

SD	Soil Moisture Sensor	\$582.36
RSD	RSD Rain Sensor	\$101.77
RWR2RC	Wireless Rain Sensor	\$322.10



KD-2 Controller

MODEL #	DESCRIPTION	CTN QTY	PRICE
01IKD2400I	4-Station KD2, Indoor	6	\$193.79
01IKD2400EX	4-Station KD2, Outdoor	6	\$242.00
01IKD2600I	6-Station KD2, Indoor	6	\$215.14
01IKD2600EX	6-Station KD2, Outdoor	6	\$274.40
01IKD2900I	9-Station KD2, Indoor	6	\$272.59
01IKD2900EX	9-Station KD2, Outdoor	6	\$416.16



RAIN DIAL® Controller

MODEL #	DESCRIPTION	CTN QTY	PRICE
01IRD600INTR	6-Station Rain Dial, Indoor	6	\$351.97
01IRD600EXTR	6-Station Rain Dial, Outdoor	6	\$421.69
01IRD900INTR	9-Station Rain Dial, Indoor	6	\$523.51
01IRD900EXTR	9-Station Rain Dial, Outdoor	6	\$586.06
01IRD1200INTR	12-Station Rain Dial, Indoor	6	\$703.98
01IRD1200EXTR	12-Station Rain Dial, Outdoor	6	\$771.86



TOTAL CONTROL® Controller

MODEL #	DESCRIPTION	CTN QTY	PRICE
01ITC6INR	6-Station Total Control, Indoor	6	\$496.70
01ITC6EXR	6-Station Total Control, Outdoor	6	\$591.39
01ITC9INR	9-Station Total Control, Indoor	6	\$703.98
01ITC9EXR	9-Station Total Control, Outdoor	6	\$736.13
01ITC12INR	12-Station Total Control, Indoor	6	\$729.00
01ITC12EXR	12-Station Total Control, Outdoor	6	\$787.96
01ITC15EXR	15-Station Total Control, Outdoor	6	\$920.18
01ITC18EXR	18-Station Total Control, Outdoor	6	\$1,098.85
01ITC24EXR	24-Station Total Control, Outdoor	6	\$1,438.31



CLIMATE LOGIC®

MODEL #	DESCRIPTION	CTN QTY	PRICE
01ICL100WIRELESS	Climate Logic, Wireless Weather Sensor/Receiver Combo	10	\$409.18
01ICLW1	Climate Logic, Wireless Weather Sensor Only	10	\$176.88
01ICLM1	Climate Logic, Wireless Receiver Module Only	10	\$232.25
01ICLR1	Climate Logic, Hand-Held Remote (Transmitter Only)	10	\$177.78
01ICLMR	Climate Logic, Mini-Receiver Only (for Remote)	10	\$121.51
01IR100KIT	Contractor Residential Remote Kit w/CL-R1 and CL-MR	10	\$



2400/2600 SERIES "JAR-TOP" VALVES - Electric Globe and Angle Residential

MODEL #	DESCRIPTION	CTN QTY	PRICE
01I2400S	1" 2400 Globe Valve, Slip	20	\$40.01
01I2400SF	1" 2400 Globe Valve, Slip w/FC	20	\$59.39
01I2400T	1" 2400 Globe Valve, NPT	20	\$40.01
01I2400TF	1" 2400 Globe Valve, NPT w/FC	20	\$44.49

All prices subject to change without notice

205 SERIES VALVES - Electric Globe Residential



MODEL #	DESCRIPTION	CTN QTY	PRICE
01I205TF	1" 205 Globe Valve, NPT w/FC	20	\$57.59

700 SERIES VALVES (UltraFlow) - Electric Globe Commercial

MODEL #	DESCRIPTION	CTN QTY	PRICE
01I700B.75	3/4" UltraFlow Valve, NPT w/FC	24	\$86.18
01I7001	1" UltraFlow Valve, NPT w/FC	24	\$211.52
01I7001.5	1 1/2" UltraFlow Valve, NPT w/FC	12	\$296.05
01I7002	2" UltraFlow Valve, NPT w/FC	8	\$397.55

100 SERIES VALVES (Century Plus) - Electric Globe/Angle Commercial

MODEL #	DESCRIPTION	CTN QTY	PRICE
01I100P1	1" Century Plus Valve, NPT w/FC	24	\$204.95
01I100P1.5	1 1/2" Century Plus Valve, NPT w/FC	12	\$286.85
01I100P2	2" Century Plus Valve, NPT w/FC	4	\$404.77
01I100P3	3" Century Plus Valve, NPT w/FC	4	\$717.28

OMNIREG™ - Modular Pressure Regulators



MODEL #	DESCRIPTION	CTN QTY	PRICE
01IOMR30	Modular Regulator, 5 - 30 psi	6	\$136.98
01IOMR100	Modular Regulator, 5 - 100 psi	6	\$136.98

COMMON VALVE PARTS

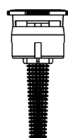
MODEL #	DESCRIPTION	CTN QTY	PRICE
01IR81124VACG	Solenoid, 24VAC / .4A Inrush / .2A Hold	10	\$32.58
01ISPK1001	Repair Kit, 100 Series, 1"	1	\$101.44
01ISPK1001.5	Repair Kit, 100 Series, 1 1/2"	1	\$99.90
01ISPK1002	Repair Kit, 100 Series, 2"	1	\$304.32
01ISPK1003	Repair Kit, 100 Series, 3"	1	\$355.55
01ISPK700.75	Repair Kit, 700 Series (Original), 3/4"	1	\$71.37
01ISPK700B.75	Repair Kit, 700 Series (UltraFlow), 3/4"	1	\$71.37
01ISPK7001	Repair Kit, 700 Series (UltraFlow), 1"	1	\$101.44
01ISPK7001.5	Repair Kit, 700 Series (UltraFlow), 1 1/2"	1	\$167.44
01ISPK7002	Repair Kit, 700 Series (UltraFlow), 2"	1	\$273.79

I-PRO™ SERIES SPRAY HEADS



MODEL #	DESCRIPTION	CTN QTY	PRICE
I-PRO300	3" I-PRO Spray Head	50	\$4.09
I-PRO400	4" I-PRO Spray Head	50	\$4.09
I-PRO400CV	4" I-PRO Spray Head w/Check Valve	50	\$8.92
I-PRO400PRCV	4" I-PRO Spray Head w/Pressure Regulator and Check Valve	50	\$16.52
I-PRO600	6" I-PRO Spray Head	50	\$16.38
I-PRO600CV	6" I-PRO Spray Head w/Check Valve	50	\$18.74
I-PRO600PRCV	6" I-PRO Spray Head w/Pressure Regulator and Check Valve	50	\$27.67
I-PRO1200SI	12" I-PRO Spray Head w/Side Inlet	25	\$25.87
I-PRO1200SIPRCV	12" I-PRO Spray Head w/Side Inlet, Pressure Regulator and Check Valve	25	\$43.67

All prices subject to change without notice



I-PRO™ SERIES SPECIALTY ARC NOZZLES

MODEL #	DESCRIPTION	CTN QTY	PRICE
01N9CST	Center Strip Nozzle, 4' x 18'	25/bag	\$3.26
01N9SST	Side Strip Nozzle, 4' x 18'	25/bag	\$3.26
01N9EST	End Strip Nozzle, 4' x 9'	25/bag	\$3.26
01N15CST	Center Strip Nozzle, 4' x 30'	25/bag	\$3.26
01N15SST	Side Strip Nozzle, 4' x 30'	25/bag	\$3.26
01N15EST	End Strip Nozzle, 4' x 15'	25/bag	\$3.26



PRO-VAN - VARIABLE ARC NOZZLES

MODEL #	DESCRIPTION	CTN QTY	PRICE
01INPROVAN8	8' Nozzle, Adjustable 0-360 Degrees, w/Filter	25/bag	\$3.26
01INPROVAN10	10' Nozzle, Adjustable 0-360 Degrees, w/Filter	25/bag	\$3.26
01INPROVAN12	12' Nozzle, Adjustable 0-360 Degrees, w/Filter	25/bag	\$3.26
01INPROVAN15	15' Nozzle, Adjustable 0-360 Degrees, w/Filter	25/bag	\$3.26
01INPROVAN17	17' Nozzle, Adjustable 0-360 Degrees, w/Filter	25/bag	\$3.26



SUPER BLUE FLEX™ PIPE AND FITTINGS

MODEL #	DESCRIPTION	CTN QTY	PRICE
01IEHF1295010D*	Super Blue Flex Pipe, 100' Roll	100'	\$65.48

*Pricing is subject to change due to market conditions. Please contact order services for current pricing.



SUPER BLUE FLEX™ ASSEMBLIES

MODEL #	DESCRIPTION	CTN QTY	PRICE
01IBFLEX805	8" Super Blue Flex Assembly w/1/2" x 1/2" Fittings	50/bag	\$4.72



430R SERIES GEAR-DRIVEN ROTOR

MODEL #	DESCRIPTION	CTN QTY	PRICE
01I430R	1/2" 430R Rotor	25	\$28.45

550R SERIES GEAR-DRIVEN ROTORS

MODEL #	DESCRIPTION	CTN QTY	PRICE
01I550RCV	3/4", 550R Lawn Rotor, 5" Pop-up, w/Check Valve	20	\$28.76
01I550RS	3/4", 550R Shrub Rotor	20	\$28.39

PLATINUM SPORT SERIES GEAR-DRIVEN ROTORS

MODEL #	DESCRIPTION	CTN QTY	PRICE
01IPTSPORT	1" NPT Commercial Rotor	10	\$86.63

All prices subject to change without notice

ROTORS



MINI18-4P	Mini 8 Rotor 4"	\$38.29
T5S-RS	T5 Rapid Set Rotor 4"	\$28.46
T5SS-RS	T5 Rapid Set S.S Rotor 4"	\$63.79
T7	T7 Rotor 1"	\$125.97
T7SS	T7 Rotor S.S 1"	\$165.24
640VIH	640 Valve In Head (Hydraulic)	\$414.11
640	640 Check -O-Matic	\$355.44

SPRAYS



570S	570S Shrub Adaptor	\$3.20
570Z-4P	570S 4" Spray Body	\$6.17
570Z-6P	570S 6" Spray Body	\$15.69
570Z-12P	570S 12" Spray Body	\$28.98
570Z-4P-PRCOM	570 4" Spray Body 30 PSI with Check Valve	\$20.58
570Z-6P-PRCOM	570 6" Spray Body 30 PSI with Check Valve	\$42.30
570Z-12-PRCOM	570 12" Spray Body 30 PSI with Check Valve	\$56.95

NOZZLES



O-T-X-XXXP	Precision Spray Nozzle Toro Thd	\$9.21
O-X-XXXP	Precision Spray Nozzle Standard Thd	\$10.33
TN-XX	Toro MPR Spray Nozzle	\$23.08
TVAN-XX	Toro Variable Arc Nozzle	\$5.16
TSB-XX	Toro Stream Bubbler Nozzle	\$4.92

VALVES



P220-10	1" P220-26-04	\$265.47
P220-15	1-1/2" P220-26-06	\$352.45
P220-20	2" P220-26-08	\$508.57
P220-30	3" P220-26-00	\$1017.00

All prices subject to change without notice

CONTROLLERS



EVO-4ID	Evolution 4 Station Indoor	\$325.95
EVO-4OD	Evolution 4 Station Outdoor	\$377.98
EVO-4AG	Evolution 4 Station Agriculture	\$934.53
EVO-4	Evolution 4 Station Module	\$103.06
EVO-12	Evolution 12 Station Module	\$346.59

REPLACEMENT PARTS

SOL	24v Solenoid	\$32.58
SOLDC	12v DC Latching Solenoid	\$67.80
TOROFLOS	Flow Pro Solenoid	\$98.35
TOROFLOD	Flow Pro Diaphragm	\$42.48

All prices subject to change without notice

BRASS QUICK CONNECTS



QCV007	3/4" Brass Quick Coupler Valve	\$99.75
QCV010	1" Brass Quick Coupler Valve	\$135.72
QCK007	3/4" Brass Quick Coupler Key	\$67.05
QCK010	1" Brass Quick Coupler Key	\$143.87

MISCELLANEOUS TURF



RADD	Add - A - Zone	\$337.50
RCHAT	Chatter Box	\$158.22
RDOUB	Double Switch	\$620.32
KD	1/2" King Drain	\$11.30

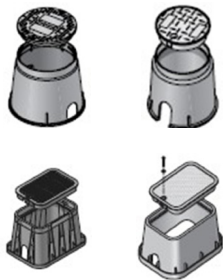
DIG



D510	1-Station Controller c/w Sol Old Style	\$194.74
D540	4-Station Controller Old Style	\$279.97
D560	6-Station Controller DC Old Style	\$300.13
D410BT	1-Station Bluetooth Controller	\$194.74
D3371	DC Solenoid Old Style	\$103.58
D710	1-Station Controller	\$241.67
D740	4-Station Controller	\$279.97
DS305DC	DC Solenoid Two Wire	\$46.20
DSA900	Dig Solenoid Apapter Hunter/Toro/Rainbird	\$8.40

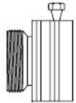
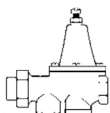
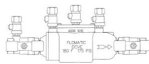
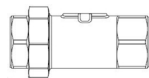
All prices subject to change without notice

VALVE BOXES



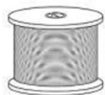
V708	6" Round Econo	\$12.14
V910	10" Round	\$70.88
V111	10" Round Econo	\$44.39
V1015	10" x 15" 10" High DFW	\$75.90
V14196	14" x 19" 6" High	\$83.57
V1419	14" x 19" 12" High	\$117.65
V113BC	14" x 19" 12" High Econo	\$91.50
V1419X	14" x 19" 6" High Extension	\$50.33
V12206	12" x 20" 6" High	\$203.57
V1220	12" x 20" 12" High	\$206.43
V1220X	12" x 20" 6" High Extension	\$128.70
V132415	13" x 24" 15" High	\$516.62
V173018	17" x 30" 18" High	\$825.07

BACKFLOW DEVICES



BDUC007	3/4" Dual Check 007QT	\$96.23
BDUC010	1" Dual Check 007QT	\$103.00
BDBC007	3/4" Double Check 007QT	\$395.01
BDBC010	1" Double Check 007QT	\$483.19
BDBC015	1-1/2" Double Check 007QT	\$878.85
BDBC020	2" Double Check 007QT	\$1199.15
BRP005	1/2" RP Device 009QT	\$689.53
BRP007	3/4" RP Device 009QT	\$818.02
BRP010	1" RP Device 009QT	\$993.03
BRP015	1-1/2" RP Device 009QT	\$1669.41
BRP020	2" RP Device 009QT	\$1855.58
B25AUB007	3/4" Pressure Reducer	\$207.50
B25AUB010	1" Pressure Reducer	\$240.81
B25AUB015	1-1/2" Pressure Reducer	\$993.65
B25AUB020	2" Pressure Reducer	\$1899.56
BHB007	Hose Bib Anti-Siphon Device	\$13.50

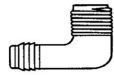
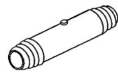
WIRE



W14TWU	14 Single Strand	\$38.00/C
W1812	18/2 Conductor Cable	\$46.00/C
W183	18/3 Conductor Cable	\$59.00/C
W185	18/5 Conductor Cable	\$95.00/C
W187	18/7 Conductor Cable	\$116.00/C
W1810	18/10 Conductor Cable	\$167.00/C
W1812	18/12 Conductor Cable	\$208.00/C
W142	14/2 Lo Voltage Lighting Cable	\$103.00/C
W122	12/2 Lo Voltage Lighting Cable	\$127.00/C
W102	10/2 Lo Voltage Lighting Cable	\$205.00/C
WDS400	Dry Splice	\$7.43
WMARBW	Black/White Marrette #22 to #12 AWG	\$1.67
WMARBU	Black/Grey Marrette #22 to #8 AWG	\$2.11
WMARBE	Black/Blue Marrette	\$2.65

All prices subject to change without notice

FUNNY PIPE



FP	Funny Pipe (100')	\$67.00
FE005	Funny Pipe 1/2" 90	\$0.80
FE007	Funny Pipe 3/4" 90	\$0.80
FC	Funny Pipe Coupler	\$1.57
FMA	Funny Pipe 1/2" MA	\$1.00
FT	Funny Pipe Tee	\$1.57
FSJ	Swing Joint (Econo)	\$3.15
FSJ10	1"x12" Lasco Swing Joint G132212	\$85.23
FA15	1-1/2" Acme x Slip G310-000	\$18.81

MARLEX



M1054	1/2" Marlex Street 90 T x T	\$0.57
M1055	3/4" x 1/2" Marlex Street 90 T x T	\$1.55
M1056	3/4" Marlex Street 90 T x T	\$1.68
M1057	1" Marlex Street 90 T x T	\$3.44
M491060	1/2" x 6" Cut-Off Nipple	\$1.72

LASCO MANIFOLD



1348	Swivel Cap	\$4.21
1336	1" Swivel MA	\$10.96
01301	Swivel Tee x Thd	\$19.36
1324304	Swivel Tee x Slip	\$18.98

TAPE



TT	Teflon Tape	\$1.58
TT007	3/4" Teflon Tape	\$2.35
TTP	Premium Teflon Tape	\$5.73
TTSS	Stainless Steel Teflon Tape	\$6.33
TE	Electrical Tape	\$3.16

All prices subject to change without notice

TOOLS



TPRCE	Heavy Duty 1" Ratchet Cutter	\$34.90
TPRCB	Heavy Duty 1" Ratchet Blade	\$11.65
TPT135	Kwik Kut T-135	\$32.79
TPT135B	Kwik Kut T-135 Blade	\$12.07
TPT135SS	Kwik Kut T135 SS Blade	\$13.29
TPS14	PVC Saw 14"	\$41.90
TPCS	PVC Cable Saw Hit	\$17.01
TBOA	6" BOA Wrench	\$41.97
TND	BII Nut Driver 1/4" / 5/16"	\$16.53
TWS6	6" Wire Strippers	\$23.18
TGG	Re-Grip Glove	\$10.15
TGTL	Thermal Lined Glove	\$16.50
TUK	Utility Knife	\$6.99
TBAA	AA Volt Battery	\$3.10
TB9V	9 Volt Battery	\$9.24
TW115	6' - 115 Volt Whip	\$14.62
TSTS3/S4/S5	Structron Trenching Shovel 3"/4"/5"	\$101.57
TSRS	Structron Round Shovel S600	\$88.21
TSSP	Structron Square Shovel S601	\$89.24
TSTS4C	Structron Cleanout Shovel S703	\$101.57
TST3W/4W/5W	Wood Trenching Shovel	\$47.47
TL36	36" Aluminum Rake	\$161.98
TSRL	Struction Level Headed Rake	\$103.58
TSRB	Struction Bow Headed Rake	\$75.14
TZOK	2" Operating Key	\$91.08
TRE	Riser Extractor	\$12.75
TCSK	Curb Stop Key	\$45.93
TCL	Channel Lock 420 Pliers	\$53.46
THT4	Head Trimmer 4"	\$78.94
TT8	8" x 8" Trench Tamper	\$240.00
TT410	4" x 10" Trench Tamper	\$137.13
TITOOOL	I Tool Irrigation Multi-Tool	\$97.11
TPMW	5 LBS Matck Pick - Wood Handle	\$54.85
TPRCB	Boshart Ratchet Cutter	\$44.25
TPRCBB	Boshart Ratchet Cutter Blade	\$14.65
TPRCB	Boshart 2" Ratchet Cutter	\$139.13
TPRCBB	Boshart 2" Ratchet Cutter Blade	\$
TSK	Siphon King 24"	\$61.72
TSSS	Sapling Soaker	\$50.45
TVM	Volt Meter	\$64.88

All prices subject to change without notice

DRIPPERS



SSH180S/360S	180°/360° Shrubbler with Stake	\$1.68
SSH180B/360B	180°/360° Shrubbler with Barb	\$1.22
SSH180T/360T	180°/360° Shrubbler with Thd	\$1.22
SSH180SA/360SA	180°/360° Shrubbler 1/2 FIPT	\$2.36
SPS	Pot Stream ADJ Flow	\$2.65
MB360S	Mini Bubbler 360° with Stake	\$1.70
MB360B/360T	Mini Bubbler 360° with Barb or Thd	\$1.22
EMDB	Midi Drip 1 GPH Emitter with Barb	\$0.87
EMDS	Midi Drip 1 GPH Emitter with Stake	\$1.80
EE2	E2 J-Lock Flag 1,2,4 GPH	\$0.65
EPD	Pinch Drip P.C .5, 1, 2 GPH	\$0.87
AEAD	ASTA Drip P.C Spike .5, 1, 2 GPH	\$1.80
ECETAS	Ceta 1 GPH Pressure Compensating Spike	\$2.42
ECETAB05	Ceta .5/1/2 GPH Pressure Compensating Barb	\$0.87
ECETAOB05	Ceta .5/1/2 GPH Pressure Compensating With Outlet Barb	\$0.99
EACU	ACU-Emitter 1 GPH Pressure Compensating Barb Emitter Black	\$0.78
EDPC02	PC Emitter Toro Pressure Compensating .5 GPH Blue	\$0.54
EDPC04	PC Emitter Toro Pressure Compensating 1 GPH Grey	\$0.54
ENWPLJ05	Netafim WPLJ .5 GPH Pressure Comp Brown	\$0.73
ENWPLJ10	Netafim WPLJ 1 GPH Pressure Compensating Grey	\$0.73
EI05	1/4" In-Line Emitter 1/2 GPH	\$1.02

SPRAYS



SSP360S	Spectrum 360° Adjustable Spray with Stake	\$2.24
SSP360B/360T	Spectrum 360° Adjustable Spray with Barb or Thd	\$1.49
SSP360SA	Spectrum 360° Adjustable Spray with 1/2 FIPT	\$2.36
SMJ2PCS	Micro Spray Jet - Two Piece from 90° to 360°	\$0.73
SMJBK	Micro Spray Jet - One Piece 90°/180°/360° Black 6 GPH 3' Radius at 20 PSI	\$0.43
SMJBU	Micro Spray Jet - One Piece 90°/180°/360° Blue 10 GPH 3.8' Radius at 20 PSI	\$0.43
SMJG	Micro Spray Jet - One Piece 90°/180°/360° Green 20 GPH 4.7' Radius at 20 PSI	\$0.43
SMJR	Micro Spray Jet - One Piece 90°/180°/360° Red 30 GPH 6.3' Radius at 20 PSI	\$0.43
SRS360B/G/R	Rotor Spray	\$1.99
SMBB360	Mister Bumble Bee	\$1.03
SPS	Pot Stream ADJ	\$2.65
SFT	Dig Fogger 8GPH Violet	\$3.46

BUBBLERS



BQB-6	Dig Quad Bubbler - 4 Port Manifold Black at 6 GPH	\$11.60
BQB-20	Dig Quad Bubbler - 4 Port Manifold Green at 20 GPH	\$11.60
BA6	Dig 6 Port ADJ Bubbler	\$16.60
BPF8	Power Flo 8 Port Bubbler	\$35.75
BDG	Dig 6 Port Bubbler 4.5 GPH	\$11.28
EUB	Uni-Bubbler	\$2.59
BTOP	Top Bubbler - Dig 12 Outlet Bubbler	\$28.34
TOPA	Dig Top 1/4" Adapter	\$0.39
BA8	Adjustable 8 Port Bubbler	\$40.40

DRIPPER LINE



DL2506	6" Jr Dripline 1/2 GPH P-250	\$50.93C
DL25012	12" Jr Dripline 1/2 GPH P-250	\$34.01C
DLPC12	18mm PC Tubing 12" Spacing .6GPH	\$94.41/C
DLPC121	18mm PC Tubing 12" Spacing 1 GPH	\$94.41/C
DTPCCV12	18mm PC Tubing w/check valve 12" .5 GPH	\$106.02/C
DTPCCV18	18mm PC Tubing w/check valve 18" .5 GPH	\$87.24/C
DTDL2000	Toro DL2000 .53GPH 12" Spacing	\$131.61/C
DTDL200018	Toro DL2000 .53GPH 18" Spacing	\$106.26/C
DTDLBL1826C	Toro Clipper Line 18" Spacing	\$65.68/C
DTBL1253	Toro Blue Line 12" Spacing	\$55.62/C
DTBL1226	Toro Blue Line 18" Spacing	\$49.38/C
TP185V	1/8" Vinyl Tubing	\$20.49/C
TP250V	1/4" Vinyl Tubing	\$23.26/C
TPD005	1/2" Poly Drip	\$30.48/C
TPD075	3/4" Poly Drip	\$64.97/C

DRIPLINE DB FITTINGS

DBC16	Antelco DB Coupler 16mm	\$0.85
DBA16	Antelco DB 1/2" Male Adapter 16mm	\$0.96
DBE16	Antelco DB Elbow 16mm	\$1.27
DBP16	Antelco DB Plug 16mm	\$0.80
DBT16	Antelco DB Tee 16mm	\$1.43

FITTINGS



FC125	1/8" Coupler for 1/8" Tube	\$0.41
FT125	1/8" Tee for 1/8" Tube	\$0.62
FC250	1/4" Coupler for 1/4" Tube	\$0.27
FT250	1/4" Tee for 1/4" Tube	\$0.48
FL250	1/4" 90° for 1/4" Tube	\$0.48
FCR250	1/4" Cross for 1/4" Tube	\$0.67
FGP250	Goof Plug	\$0.12
FCTB250	1/4 Coupler 10/32 Thd. x Barb Connector	\$0.25
FCT250	1/4 Coupler 10/32 Thd. x 10/32 Thd. Connector	\$0.25

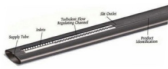
RISERS & STAKES



RR8	8" Rigid Riser	\$0.67
RR12	12" Rigid Riser	\$0.87
RR8T/RR8B	8" Rigid Riser with either Thd. or Barb	\$1.06
RR12T/RR12B	12" Rigid Riser with either Thd. or Barb	\$1.24
STV	6" Plastic Support Stake for Tubing PS-6 Stake	\$.64
STPS8	8" Wire Stake for 1/8" to 1/2" Tube	\$.59
STTS	6" Soil Staples	\$.37
STFS9	Tri-Flo Stake Blue	\$.87
STH	Hooded Stake	\$1.75
STAS08	8" Asta Stake	\$1.43
STAS12	12" Asta Stake	\$1.68
STAS21	21" Asta Stake	\$4.16

All prices subject to change without notice

T-TAPE



TT08340R	8 T-Tape 15 mil .34 GPM/Reel - 4100'	\$790.90
TT0834M	8 T-Tape 15 mil.34 GPM/100 FT - 1000'	\$299.91
TT12450R	12 T-Tape 15 mil .45 GPM/Reel - 4100'	\$790.90
TT1245M	12 T-Tape 15 mil .45 GPM/100 -1000'	\$299.91

T-TAPE FITTINGS



TFB	Tape Loc x Barb	\$1.54
TFC	Tape Loc Coupler	\$1.32
TEND	Tape Lock End	\$1.20
TFL	Tape Loc Ell 90	\$4.00
TFMA	Tape Lock x 1/2" MA	\$2.20
TFT	Tape Loc Tee	\$3.00
TFTC	Tape Loc x MHT c/w Cap	\$3.52

ACCESSORIES



ATC250	1/4" Tubing Support Clamp c/w Nail	\$0.41
ATC500	1/2" Tubing Support Clamp c/w Nail	\$0.69
AKP	Key Punch for Tubing	\$1.76
ATP	Toro 1/2" Steel Punch	\$29.68
AMP	Miracle Punch - Larger Punch for Tubing	\$38.15
APP	1/2" Pocket Punch	\$20.78
ARC	Ratcheting Clamp for 1/2" Tubing	\$1.24
ASA/ASA1	1/2" x 10/32 Shrub Adapter / 1/2" x 1/8" Shrub Adapter	\$1.44
ASAR	1/2" Shrub Adapter Rubber	\$3.28
ASAT	1/2" Shrub Adapter x 1/4" Tee Outlet	\$2.32
AF8500	1/2" Figure 8	\$0.69
AF8750	3/4" Figure 8	\$1.03
PRV	3/4" Pressure Reducing Valve 10, 15, 20, 25, 30 PSI	\$24.95
PRVH	High Flow Pressure Reducer 1-35 GPM	\$56.38
APU	Pop-up Jet Adapter PJA	\$2.67
PR259	Regulating Manifold PR 25-9	\$35.29
AB05	1/2" Spig x Comp	\$0.90
AFGTB	FHT x .1/4" Barb	\$2.18
ARA	Riser Adapter x 1/4" Barb	\$3.41
V250B/T	1/4" Vari Valve	\$2.67
V630B	5/8" Insert Valve	\$5.08
V750B	3/4" Insert Valve	\$8.20
A2PK	Pop-Up Conversion Kit	\$50.35

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FILTERS



FAD075	Arkal 3/4" 150 Mesh Disc Filter	\$59.87
FAD100	Arkal 1" 150 Mesh Disc Filter	\$197.59
FAD150	Arkal 1-1/2" 150 Mesh Disc Filter	\$420.47
FAD200	Arkal 2" 150 Mesh Disc Filter	\$1119.03
FADE075	Arkal 3/4" Disc Filter Element Only	\$35.54
FADE100	Arkal 1" Disc Filter Element Only	\$90.26
FADE150	Arkal 1-1/2" Disc Filter Element Only	\$193.83
FADE200	Arkal 2" Disc Filter Element Only	\$312.86
FDD075060	DIG 3/4" 60 Mesh Disc Filter	\$55.04
FDD075150	DIG 3/4" 150 Mesh Disc Filter	\$55.04
FDD100060	DIG 1" 60 Mesh Disc Filter	\$58.55
FDD100150	DIG 1" 150 Mesh Disc Filter	\$58.55
FDD150060	DIG 1-1/2" 60 Mesh Disc Filter	\$326.76
FDD150150	DIG 1-1/2" 150 Mesh Disc Filter	\$336.76
FDD20060	DIG 2" 60 Mesh Disc Filter	\$418.57
FDD200150	DIG 2" 150 Mesh Disc Filter	\$418.57
FDED	DIG 3/4" & 1" Disc Filter Element Only	\$27.46
FDED150	DIG 1-1/2" Disc Filter Element Only	\$254.86
FDED200	DIG 2" Disc Filter Element Only	\$310.72
FDES	DIG 3/4" & 1" Poly Screen Element Only	\$15.88
FDESS	DIG 3/4" & 1" SS Screen Element Only	\$27.46
FDS075H	DIG 3/4" FHT Y Filter 155 Mesh	\$33.18
FDS075	DIG 3/4" Y Filter 155 Mesh	\$28.94
FDS100	DIG 1" Y Filter 155 Mesh	\$32.49
FI58	5/8" Filter Insert	\$8.30
FTS075150	Toro 3/4" Screen Filter 150 Mesh	\$45.75
FTS10150	Toro 1" Screen Filter 150 Mesh	\$50.62
FTS15150	Toro 1 1/2" Screen Filter 150 Mesh	\$63.14
FTD10150	Toro 1" Disc Filter 150 Mesh	\$72.56
FTD15150	Toro 1 1/2" Disc Filter 150 Mesh	\$100.94
FTD20150	Toro 2" Disc Filter 150 Mesh	\$546.04
FTD30150	Toro 3" Disc Filter 150 Mesh	\$670.76
PRVF0725	DIG 3/4" PRV Y Filter 25 PSI	\$39.32
PRVF1025	DIG 1" PRV Y Filter 25 PSI	\$41.58

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PVC FITTINGS

TEE SOC X SOC



MODEL	SIZE (in)	BOX QTY.	LIST
401-005	1/2	50	\$0.94
401-007	3/4	50	\$1.10
401-010	1	50	\$2.05
401-012	1-1/4	25	\$3.20
401-015	1-1/2	25	\$3.88
401-020	2	25	\$5.62
401-025	2-1/2	10	\$18.48
401-030	3	10	\$24.25
401-040	4	6	\$43.89

REDUCING TEE SOC X SOC



MODEL	SIZE (in)	BOX QTY.	LIST
401-101	3/4x1/2	50	\$1.26
401-130	1x1/2	50	\$2.15
401-131	1x3/4	50	\$2.31
401-167	1-1/4x3/4	25	\$3.46
401-168	1-1/4x1	25	\$3.46
401-209	1-1/2x1/2	25	\$6.14
401-210	1-1/2x3/4	25	\$6.14
401-211	1-1/2x1	25	\$6.14
401-212	1-1/2x1-1/4	25	\$6.14
401-248	2x3/4	10	\$5.98
401-249	2x1	10	\$5.98
401-250	2x1-1/4	10	\$5.98
401-251	2x1-1/2	10	\$5.98
401-289	2-1/2x1	10	\$18.43
401-291	2-1/2x1-1/2	10	\$18.43
401-292	2-1/2x2	10	\$18.43
401-334	3x3/4	10	\$26.41
401-335	3x1	10	\$26.41
401-337	3x1-1/2	10	\$26.41
401-338	3x2	6	\$26.35
401-420	4x2	6	\$43.89
401-422	4x3	6	\$43.89
401-528	6x2	3	\$147.68
401-530	6x3	5	\$147.68
401-532	6x4	2	\$147.68

REDUCING TEE SOC X FIPT



MODEL	SIZE (in)	BOX QTY.	LIST
402-101	3/4x1/2	50	\$1.68
402-130	1x1/2	50	\$2.52
402-131	1x3/4	50	\$3.57
402-167	1-1/4x3/4	25	\$5.98
402-168	1-1/4x1	25	\$5.98
402-209	1-1/2x1/2	25	\$7.40
402-210	1-1/2x3/4	25	\$7.40
402-211	1-1/2x1	25	\$7.40
402-212	1-1/2x1-1/4	25	\$7.40
402-248	2x3/4	10	\$9.34
402-249	2x1	10	\$9.34
402-250	2x1-1/4	10	\$9.34
402-251	2x1-1/2	10	\$9.34
402-289	2-1/2x1	10	\$20.21
402-338	3x2	6	\$28.93
402-420	4x2	10	\$48.30

TEE SOC X FIPT



MODEL	SIZE (in)	BOX QTY.	LIST
402-005	1/2	50	\$1.26
402-007	3/4	50	\$1.94
402-010	1	50	\$3.57
402-012	1-1/4	25	\$5.72
402-015	1-1/2	25	\$7.40
402-020	2	10	\$9.40
402-025	2-1/2	10	\$28.66
402-030	3	10	\$36.49
402-040	4	6	\$55.81

TEE FIPT X FIPT



MODEL	SIZE (in)	BOX QTY.	LIST
405-005	1/2	50	\$3.46
405-007	3/4	50	\$5.41
405-010	1	50	\$7.51
405-012	1-1/4	25	\$10.39
405-015	1-1/2	25	\$10.76
405-020	2	10	\$14.23

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PVC FITTINGS

90° ELBOW SOC X SOC



MODEL	SIZE (in)	BOX QTY.	LIST
406-005	1/2	50	\$0.73
406-007	3/4	50	\$0.89
406-010	1	50	\$1.52
406-012	1-1/4	25	\$2.73
406-015	1-1/2	25	\$2.89
406-020	2	10	\$4.57
406-025	2-1/2	10	\$13.81
406-030	3	10	\$16.54
406-040	4	8	\$29.56
406-050	5	4	\$76.18
406-060	6	4	\$94.03
406-080	8	2	\$242.02

90° ELBOW SOC X FIPT



MODEL	SIZE (in)	BOX QTY.	LIST
407-005	1/2	50	\$0.94
407-007	3/4	50	\$1.10
407-010	1	50	\$2.05
407-012	1-1/4	25	\$3.41
407-015	1-1/2	25	\$3.78
407-020	2	10	\$9.71

REDUCING 90° SOC X FIPT

MODEL	SIZE (in)	BOX QTY.	LIST
407-101	1/2 x 3/4	50	\$1.15
407-130	1 x 1/2	50	\$3.10
407-131	1 x 3/4	50	\$3.10



90° ELBOW FIPT X FIPT

MODEL	SIZE (in)	BOX QTY.	LIST
408-005	1/2	50	\$1.84
408-007	3/4	50	\$2.73
408-010	1	50	\$5.77
408-012	1-1/4	25	\$6.19
408-015	1-1/2	25	\$7.82
408-020	2	10	\$11.92
408-005G	1/2 GREY	50	\$5.27
408-007G	3/4 GREY	50	\$7.77



90° STREET ELBOW SPIG X SOC

MODEL	SIZE (in)	BOX QTY.	LIST
409-005	1/2	50	\$2.15
409-007	3/4	50	\$2.62
409-010	1	50	\$4.57
409-012	1-1/4	25	\$5.41
409-015	1-1/2	25	\$5.98
409-020	2	10	\$11.55

90° STREET ELBOW MIPT X SOC

MODEL	SIZE (in)	BOX QTY.	LIST
410-007	3/4	50	\$1.94
410-010	1	50	\$3.25
410-012	1-1/4	25	\$4.57
410-015	1-1/2	25	\$4.72
410-020	2	10	\$11.65



90° STREET ELBOW MIPT X FIPT

MODEL	SIZE (in)	BOX QTY.	LIST
412-005	1/2	50	\$2.20
412-007	3/4	50	\$2.73
412-010	1	50	\$4.67
412-012	1-1/4	25	\$5.77
412-015	1-1/2	25	\$6.30
412-020	2	10	\$11.97



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22-1/2° ELBOW SOC X SOC

MODEL	SIZE (in)	BOX QTY.	LIST
416-007	3/4	20	\$2.78
416-010	1	20	\$3.31
416-012	1-1/4	25	\$4.62
416-015	1-1/2	20	\$5.83
416-020	2	20	\$7.56
416-025	2-1/2	5	\$19.85
416-030	3	5	\$30.66
416-040	4	4	\$55.02
416-060	6	4	\$135.87
416-080	8	2	\$326.86

45° ELBOW SOC X SOC

MODEL	SIZE (in)	BOX QTY.	LIST
417-005	1/2	50	\$1.26
417-007	3/4	50	\$1.94
417-010	1	50	\$2.31
417-012	1-1/4	25	\$3.25
417-015	1-1/2	25	\$4.09
417-020	2	25	\$5.30
417-025	2-1/2	10	\$12.56
417-030	3	10	\$21.47
417-040	4	5	\$38.53
417-050	5	4	\$76.39
417-060	6	4	\$95.13
417-080	8	2	\$228.79

COUPLING SOC X SOC

MODEL	SIZE (in)	BOX QTY.	LIST
429-005	1/2	50	\$0.52
429-007	3/4	50	\$0.68
429-010	1	50	\$1.21
429-012	1-1/4	25	\$1.68
0429-015	1-1/2	25	\$1.78
429-020	2	25	\$2.73
429-025	2-1/2	12	\$5.98
429-030	3	10	\$9.34
429-040	4	6	\$13.60
429-050	5	5	\$24.83
429-060	6	5	\$42.89
429-080	8	8	\$80.11

COUPLING FIPT X FIPT

MODEL	SIZE (in)	BOX QTY.	LIST
430-005	1/2	50	\$1.00
430-005G	1/2 GREY	50	\$1.10
430-007	3/4	50	\$1.78
430-007G	3/4 GREY	50	\$2.13
430-010	1	50	\$2.31
430-012	1-1/4	25	\$7.87

REDUCING COUPLING FIPT X FIPT

MODEL	SIZE (in)	BOX QTY.	LIST
430-101G	3/4X1/2 GREY	50	\$2.96
430-131G	1X3/4 GREY	50	\$4.22

FEMALE ADAPTER SOC X FIPT

MODEL	SIZE (in)	BOX QTY.	LIST
435-005	1/2	50	\$0.89
435-007	3/4	50	\$1.10
435-010	1	50	\$1.26
435-012	1-1/4	25	\$1.94
435-015	1-1/2	25	\$2.20
435-020	2	10	\$2.99
435-025	2-1/2	10	\$7.56
435-030	3	10	\$10.18
435-040	4	6	\$16.80
435-060	6	5	\$43.47

All prices subject to change without notice



REDUCING FEMALE ADAPTER SOC X FIPT

MODEL	SIZE (in)	BOX QTY.	LIST
435-101	3/4X1/2	50	\$1.52
435-102	3/4X1	50	\$2.05
435-131	1X3/4	50	\$2.05



MALE ADAPTER MIPT X SOC

MODEL	SIZE (in)	BOX QTY.	LIST
436-005	1/2	50	\$0.68
436-007	3/4	50	\$0.73
436-010	1	50	\$1.31
436-012	1-1/4	25	\$1.68
436-015	1-1/2	25	\$2.20
436-020	2	25	\$2.89
436-025	2-1/2	10	\$8.61
436-030	3	10	\$12.60
436-040	4	5	\$16.06
436-060	6	7	\$41.79



REDUCING MALE ADAPTER MIPT X SOC

MODEL	SIZE (in)	BOX QTY.	LIST
436-074	1/2X3/4	50	\$1.31
436-131	1X3/4	50	\$4.15
436-132	1X1-1/4	50	\$4.57
436-169	1-1/4X1-1/2	25	\$5.14
436-213	1-1/2X2	25	\$6.19
436-252	2X2-1/2	10	\$7.03

All prices subject to change without notice



REDUCING BUSHING SPIG X SOC

MODEL	SIZE (in)	BOX QTY.	LIST
437-101	3/4X1/2	50	\$0.79
437-130	1X1/2	50	\$1.47
437-131	1X3/4	50	\$1.47
437-166	1-1/4X1/2	25	\$1.94
437-167	1-1/4X3/4	25	\$1.94
437-168	1-1/4X1	25	\$1.94
437-209	1-1/2X1/2	25	\$2.05
437-210	1-1/2X3/4	25	\$2.05
437-211	1-1/2X1	25	\$2.05
437-212	1-1/2X1-1/4	25	\$2.05
437-248	2X3/4	10	\$3.41
437-249	2X1	10	\$3.41
437-250	2X1-1/4	10	\$3.41
437-251	2X1-1/2	25	\$3.41
437-289	2-1/2X1	10	\$5.41
437-290	2-1/2X1-1/4	10	\$5.41
437-291	2-1/2X1-1/2	10	\$5.41
437-292	2-1/2X2	10	\$5.41
437-335	3X1	10	\$8.03
437-337	3X1-1/2	10	\$8.03
437-338	3X2	10	\$8.03
437-339	3X2-1/2	10	\$8.03
437-420	4X2	6	\$17.95
437-422	4X3	6	\$17.95



REDUCING BUSHING SPIG X FIPT

MODEL	SIZE (in)	BOX QTY.	LIST
438-072	1/2X1/4	50	\$1.68
438-101	3/4X1/2	50	\$1.26
438-130	1X1/2	50	\$2.05
438-131	1X3/4	50	\$2.05
438-166	1-1/4X1/2	25	\$3.10
438-167	1-1/4X3/4	25	\$3.10
438-168	1-1/4X1	25	\$3.10
438-209	1-1/2X1/2	25	\$3.57
438-210	1-1/2X3/4	25	\$3.57
438-211	1-1/2X1	25	\$3.57
438-212	1-1/2X1-1/4	25	\$3.57
438-247	2X1/2	10	\$4.78
438-248	2X3/4	10	\$4.78
438-249	2X1	10	\$4.78
438-250	2X1-1/4	10	\$4.78
438-251	2X1-1/2	10	\$4.78
438-289	2-1/2X1	10	\$6.93
438-290	2-1/2X1-1/4	10	\$6.93
438-291	2-1/2X1-1/2	10	\$6.93
438-292	2-1/2X2	10	\$8.03
438-335	3X1	10	\$8.03
438-336	3X1-1/4	10	\$8.03
438-337	3X1-1/2	10	\$8.03
438-338	3X2	10	\$8.03
438-339	3X2-1/2	10	\$8.03
438-420	4X2	6	\$17.90
438-422	4X3	6	\$17.90

All prices subject to change without notice



THREADED REDUCING BUSHING MIPT X MIPT

MODEL	SIZE (in)	BOX QTY.	LIST
439-073	1/2X3/8	50	\$3.57
439-098	3/4X1/4	50	\$2.20
439-101	3/4X1/2	50	\$2.20
439-130	1X1/2	50	\$3.10
439-131	1X3/4	50	\$3.10
439-167	1-1/4X3/4	25	\$4.62
439-168	1-1/4X1	25	\$4.62
439-209	1-1/2X1/2	25	\$5.62
439-210	1-1/2X3/4	25	\$5.62
439-211	1-1/2X1	25	\$5.62
439-212	1-1/2X1-1/4	25	\$5.62
439-249	2X1	10	\$5.98
439-250	2X1-1/4	10	\$5.98
439-251	2X1-1/2	10	\$5.98
439-292	2-1/2X2	10	\$20.95
439-338	3X2	10	\$24.78

CAP SOC



MODEL	SIZE (in)	BOX QTY.	LIST
447-005	1/2	50	\$0.68
447-007	3/4	50	\$0.79
447-010	1	50	\$1.26
447-012	1-1/4	25	\$1.78
447-015	1-1/2	25	\$1.94
447-020	2	10	\$2.31
447-025	2-1/2	10	\$7.40
447-030	3	10	\$8.14
447-040	4	6	\$18.48
447-050	5	5	\$31.03
447-060	6	4	\$44.31



CAP THREADED FIPT

MODEL	SIZE (in)	BOX QTY.	LIST
448-005	1/2	50	\$1.47
448-007	3/4	50	\$1.68
448-010	1	50	\$2.52
448-012	1-1/4	25	\$2.99
448-015	1-1/2	25	\$3.10
448-020	2	10	\$5.51
448-025	2-1/2	10	\$10.60
448-030	3	10	\$18.64
448-040	4	6	\$36.12

PLUG MIPT



MODEL	SIZE (in)	BOX QTY.	LIST
450-005	1/2	50	\$2.05
450-007	3/4	50	\$2.20
450-010	1	50	\$3.57
450-012	1-1/4	25	\$3.78
450-015	1-1/2	25	\$4.04
450-020	2	10	\$5.25
450-025	2-1/2	10	\$7.30
450-030	3	10	\$11.02
450-040	4	6	\$24.83
450-060	6	4	\$72.76

All prices subject to change without notice

UNION SOC X SOC



MODEL	SIZE (in)	BOX QTY.	LIST
457-005	1/2	15	\$7.40
457-007	3/4	15	\$8.45
457-010	1	10	\$8.71
457-012	1-1/4	5	\$28.03
457-015	1-1/2	5	\$29.24
457-020	2	5	\$39.37
457-025	2-1/2	5	\$55.18
457-030	3	4	\$88.09
457-040	4	4	\$121.96

UNION FIPT X FIPT



MODEL	SIZE (in)	BOX QTY.	LIST
458-005	1/2	20	\$8.29
458-007	3/4	20	\$13.91
458-010	1	10	\$19.00
458-012	1-1/4	5	\$32.65
458-015	1-1/2	5	\$33.34
458-020	2	5	\$40.90

SIDE OUTLET ELL SOC



MODEL	SIZE (in)	BOX QTY.	LIST
413-005	1/2	25	\$4.09
413-007	3/4	25	\$5.62
413-010	1	25	\$7.14
413-015	1-1/2	25	\$10.11
413-020	2	10	\$14.02

WYE SOC X SOC



MODEL	SIZE (in)	BOX QTY.	LIST
475-010	1	20	\$7.14
475-012	1-1/4	20	\$10.97
475-015	1-1/2	20	\$14.07
475-020	2	10	\$42.21
475-030	3	5	\$71.14
475-040	4	4	\$134.19
475-060	6	3	\$283.91

INSERT ADAPTER SPIGOT



MODEL	SIZE (in)	BOX QTY.	LIST
460-005	1/2	50	\$2.68
460-007	3/4	50	\$3.52
460-010	1	50	\$3.62

SNAP-ON SADDLE SOC



MODEL	SIZE (in)	BOX QTY.	LIST
463-005	1/2	25	\$1.68
463-007	3/4	25	\$1.89
463-010	1	50	\$3.57
463-012	1-1/4	50	\$5.62
463-015	1-1/2	25	\$6.82
463-020	2	20	\$9.92

INSERT ADAPTER SOC



MODEL	SIZE (in)	BOX QTY.	LIST
474-005	1/2	50	\$2.41
474-007	3/4	50	\$2.89
474-010	1	50	\$3.04

SNAP-ON SADDLE THD



MODEL	SIZE (in)	BOX QTY.	LIST
464-101	3/4 X 1/2	25	\$2.89
464-130	1 X 1/2	50	\$5.25

All prices subject to change without notice

SCH 80 NIPPLES



DIAM. CODE CLOSE	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
	3.08	3.20	4.33	1.53	1.63	2.15	2.75	3.40	4.50	29.00	34.65	56.55
1-1/2"	3.08	3.20	4.33	1.53	1.63							
2"	3.45	3.90	4.33	1.63	1.63	2.38	2.88					
2-1/2"								3.88	5.00			
3"	4.35	5.23	4.33	1.83	1.83	2.70	3.50	4.28	5.33	33.13	37.78	
4"	4.88	6.08	5.08	2.05	2.15	3.10	4.00	4.90	6.18	42.70	50.43	71.93
5"				2.38	5.62	7.13	4.78	5.60	7.25	48.13	56.55	78.50
6"	5.75	7.60	7.90	2.48	3.13	4.28	5.33	6.38	8.13	52.73	70.68	84.10
8"				3.13	3.63	5.03	6.38	7.65	9.93	58.25	76.80	97.60
10"				3.40	4.18	12.48	7.45	8.83	11.68	71.40	87.88	104.40
12"				3.65	4.73	6.88	8.43	10.13	13.43	77.90	95.68	136.00
18"				6.83	6.33							
24"				8.33	8.00							

CLASS 125 SW

PS125040	4	\$739.76
PS125060	6	\$1,606.12



CLASS 160 SW

PS160012	1-1/4	\$92.33
PS160015	1-1/2	\$120.70
PS160020	2	\$187.24
PS160025	2-1/2	\$274.90
PS160030	3	\$410.30
PS160040	4	\$677.04
PS160050	5	\$1,435.17
PS160060	6	\$2,020.00

CLASS 200 SW

PS200005	1/2	\$63.37
PS200007	3/4	\$75.50
PS200010	1	\$101.07
PS200012	1-1/4	\$112.94
PS200015	1-1/2	\$207.75
PS200020	2	\$323.56
PS200025	2-1/2	\$473.30
PS200030	3	\$719.55
PS200040	4	\$994.29
PS200060	6	\$1,799.16

SCH 40

PS40005	1/2	\$69.71
PS40007	3/4	\$92.83
PS40010	1	\$137.55
PS40012	1-1/4	\$270.77
PS40015	1-1/2	\$222.85
PS40020	2	\$326.14
PS40025	2-1/2	\$474.61
PS40030	3	\$620.61
PS40040	4	\$1,269.45
PS40050	5	\$1780.25
PS40060	6	\$2237.63

SCH 80

PS80005	1/2	\$191.30
PS80007	3/4	\$248.10
PS80010	1	\$364.58
PS80012	1-1/4	\$422.34
PS80015	1-1/2	\$497.16
PS80020	2	\$695.09
PS80025	2-1/2	\$1,042.61
PS80030	3	\$1,406.26
PS80040	4	\$2,061.55
PS80060	6	\$3,984.83

CLASS 160 TS

PG160040	3	\$553.98
PG160040	4	\$923.38
PG160060	6	\$2006.63

CLASS 200 TS

PG200030	3	\$677.05
PG200040	4	\$1138.80
PG200060	6	\$2449.71

All prices subject to change without notice

GLUE



C7051	1/4 Pint 705 Glue	\$19.96
C7052	1/2 Pint 705 Glue	\$28.81
C7053	Pint 705 Glue	\$50.56
C7054	Quart 705 Glue	\$80.47
C7055	Gallon 705 Glue	\$274.40
C7112	1/2 Pint 711 Glue	\$35.32
C7113	Pint 711 Glue	\$61.77
C7114	Quart 711 Glue	\$103.89
C7115	Gallon 711 Glue	\$351.28
C7174	Quart 717 Clear Glue	\$100.02
C7175	Gallon 717 Clear Glue	\$336.61
C7194	Quart 719 Glue	\$140.69
C7195	Gallon 719 Glue	\$431.62
C7251	1/4 Pint 725 Glue	\$20.49
C7252	1/2 Pint 725 Glue	\$33.53
C7253	Pint 725 W&D Glue	\$57.08
C7254	Quart 725 W&D Glue	\$95.58
C7255	Gallon 725 W&D Glue	\$330.25
CRH1	1/4 Pint Christy's Ret Hot	\$20.68
CRH2	1/2 Pint Christy's Ret Hot	\$31.23
CRH3	Pint Christy's Ret Hot	\$58.56
CRH4	Quart Christy's Red Hot	\$98.60
C7931	1/4 Pint 793 ABS to PVC Transition Glue	\$25.63
C7932	1/2 Pint 793 ABS to PVC Transition Glue	\$37.53
C7933	Pint 793 ABS to PVC Transition Glue	\$61.23
CP701	P70 1/4 Pint Primer for 705 & 711 & 719	\$20.90
CP702	P70 1/2 Pint Primer for 705 & 711 & 719	\$28.65
CP703	P70 Pint Primer for 705 & 711 & 719	\$57.08
CP704	P70 Quart Primer for 705 & 711 & 719	\$92.24
CP705	P70 Gallon Primer for 705 & 711 & 719	\$303.36
CP751	1/4 Pint W&D Primer for 725	\$25.47
CP752	1/2 Pint W&D Primer for 725	\$34.63
CP753	Pint W&D Primer for 725	\$69.13
CP754	Quart W&D primer for 725	\$111.64
CP755	Gallon W&D Primer for 725	\$360.72
C8101	4 Oz Epoxy Cement	\$70.52
C8103	Pint Epoxy Cement	\$99.73
CMT651	Empty Can 1-3/4"	\$11.55
CMT653	Empty Can Roller	\$11.55
C3020	3" Roller	\$30.85
C7020	6" Roller	\$37.65
CBCP	1" Brush	\$19.27
CCM150	1-1/2" Pl. Dauber	\$10.70
CCM75	3/4" Pl. Dauber	\$10.70
CDP75	3/4" Cap Dauber	\$2.49
CDQ150	1-1/2" Cap Dauber	\$2.49
CEPS	Epoxy Putty Stick	\$37.50
CTP1	1/4 Pint White Teflon Seal	\$23.01
CTP2	1/2 Pint White Teflon Seal	\$42.72
CTPT	Tube Teflon Seal	\$12.32

All prices subject to change without notice



COMP COUPLINGS

RCC005	1/2" Compression Coupler	\$8.21
RCC007	3/4" Compression Coupler	\$11.11
RCC010	1" Compression Coupler	\$14.47
RCC012	1-1/4" Compression Coupler	\$22.13
RCC015	1-1/2" Compression Coupler	\$22.86
RCC020	2" Compression Coupler	\$29.71
RCC025	2-1/2" Compression Coupler	\$55.88
RCC030	3" Compression Coupler	\$73.16
RCC040	4" Compression Coupler	\$120.33
RCC060	6" Compression Coupler	\$273.63



FLO SPAN COUPLINGS

FS005	1/2" Flo Span Coupler	\$11.41
FS007	3/4" Flo Span Coupler	\$12.99
FS010	1" Flo Span Coupler	\$14.96
FS012	1-1/4" Flo Span Coupler	\$28.21
FS015	1-1/2" Flo Span Coupler	\$30.75
FS020	2" Flo Span Coupler	\$47.53
FS025	2-1/2" Flo Span Coupler	\$68.97
FS030	3" Flo Span Coupler	\$86.13
FS040	4" Flo Span Coupler	\$150.73



KWIK REPAIR COUPLER

KRC005	1/2" Kwik Repair Coupler	\$7.13
KRC007	3/4" Kwik Repair Coupler	\$8.50
KRC010	1" Kwik Repair Coupler	\$9.88
KRC012	1-1/4" Kwik Repair Coupler	\$19.77
KRC015	1-1/2" Kwik Repair Coupler	\$21.84
KRC020	2" Kwik Repair Coupler	\$33.56



MAGIC MEND

MM005	1/2" Magic Mend	\$3.36
MM007	3/4" Magic Mend	\$5.61
MM010	1" Magic Mend	\$7.07
MM012	1-1/4" Magic Mend	\$8.49
MM015	1-1/2" Magic Mend	\$9.64
MM020	2" Magic Mend	\$10.65
MM025	2-1/2" Magic Mend	\$12.69
MM030	3" Magic Mend	\$14.76
MM040	4" Magic Mend	\$17.28

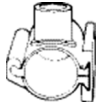
GALVANIZED COMPRESSION COUPLERS



GCC030	3" Galvanized Compression Coupler	\$139.83
GCC040	4" Galvanized Compression Coupler	\$155.31
GCC050	5" Galvanized Compression Coupler	\$180.20
GCC060	6" Galvanized Compression Coupler	\$203.82
GCC080	8" Galvanized Compression Coupler	\$248.00

All prices subject to change without notice

CAL-AM SADDLE



RCA020015	2" x 1-1/2" Cal-am Saddle	\$49.51
RCA025020	2-1/2" x 2" Cal-am Saddle	\$56.68
RCA030020	3" x 2" Cal-am Saddle	\$72.67
RCA040020	4" x 2" Cal-am Saddle	\$87.08
RCA060020	6" x 2" Cal-am Saddle	\$125.21
RCA080020	8" x 2" Cal-am Saddle	\$150.74

TANK ADAPTERS (POLY)



TA005	1/2" Tank Adapter	\$20.97
TA007	3/4" Tank Adapter	\$20.97
TA010	1" Tank Adapter	\$20.97
TA012	1-1/4" Tank Adapter	\$20.97
TA015	1-1/2" Tank Adapter	\$22.97
TA020	2" Tank Adapter	\$27.73
TA030	3" Tank Adapter	\$41.91
TA040	4" Tank Adapter	\$127.45

TANK ADAPTERS (PVC)



TAP005	1/2" Tank Adapter	\$52.01
TAP007	3/4" Tank Adapter	\$56.96
TAP010	1" Tank Adapter	\$64.39
TAP012	1-1/4" Tank Adapter	\$76.77
TAP015	1-1/2" Tank Adapter	\$84.20
TAP020	2" Tank Adapter	\$126.30
TAP030	3" Tank Adapter	\$230.31
TAP040	4" Tank Adapter	\$450.72

CLAMPS



SGC005	1/2" Galvanized Clamp	\$0.64
SGC007	3/4" Galvanized Clamp	\$0.90
SGC010	1" Galvanized Clamp	\$1.05
SGC012	1-1/4" Galvanized Clamp	\$1.73
SGC015	1-1/2" Galvanized Clamp	\$2.07
SGC020	2" Galvanized Clamp	\$2.15
SPC005	1/2" PVC Clamp	\$0.74
SPC007	3/4" PVC Clamp	\$0.93
SPC010	1" PVC Clamp	\$1.09
SPC012	1-1/4" PVC Clamp	\$1.96
SPC015	1-1/2" PVC Clamp	\$1.88
SPC020	2" PVC Clamp	\$2.50
SGPAL005	1/2" Plated All Round	\$14.69

All prices subject to change without notice

INSERT TEE



MODEL	SIZE (in)	LIST
1401-005	1/2	\$1.59
1401-007	3/4	\$1.74
1401-010	1	\$2.23
1401-012	1-1/4	\$3.50
1401-015	1-1/2	\$3.97
1401-020	2	\$7.82

INSERT TEE REDUCED



MODEL	SIZE (in)	LIST
1401-101	3/4 x 1/2	\$1.94
1401-130	1 x 1/2	\$2.33
1401-131	1 x 3/4	\$2.33
1401-166	1-1/4 x 1/2	\$3.01
1401-167	1-1/4 x 3/4	\$3.01
1401-168	1-1/4 x 1	\$3.01
1401-209	1-1/2 x 1/2	\$5.22
1401-210	1-1/2 x 3/4	\$5.22
1401-211	1-1/2 x 1	\$5.22
1401-212	1-1/2 x 1-1/4	\$5.22
1401-247	2 x 1/2	\$7.42
1401-248	2 x 3/4	\$7.42
1401-249	2 x 1	\$14.70
1401-250	2 x 1-1/4	\$15.44
1401-251	2 x 1-1/2	\$15.85

INSERT TEE X FIPT



MODEL	SIZE (in)	LIST
1402-005	1/2	\$1.72
1402-007	3/4	\$2.60
1402-010	1	\$3.06
1402-012	1-1/4	\$4.48
1402-015	1-1/2	\$7.79
1402-020	2	\$19.06

INSERT TEE X MIPT



MODEL	SIZE (in)	LIST
1403-005	1/2	\$2.21
1403-007	3/4	\$3.01
1403-010	1	\$3.85
1403-012	1-1/4	\$5.00
1403-015	1-1/2	\$5.61
1403-020	2	\$21.19

INSERT TEE REDUCED X FPIT



MODEL	SIZE (in)	LIST
1402-101	3/4 x 1/2	\$2.16
1402-130	1 x 1/2	\$2.82
1402-131	1 x 3/4	\$2.82
1402-166	1-1/4 x 1/2	\$3.85
1402-167	1-1/4 x 3/4	\$4.24
1402-168	1-1/4 x 1	\$4.46
1402-209	1-1/2 x 1/2	\$11.66
1402-210	1-1/2 x 3/4	\$13.84
1402-211	1-1/2 x 1	\$13.84
1402-212	1-1/2 x 1-1/4	\$14.21
1402-247	2 x 1/2	\$15.66
1402-248	2 x 3/4	\$16.56
1402-249	2 x 1	\$18.23
1402-250	2 x 1-1/4	\$19.09
1401-251	2 x 1-1/2	\$19.09

All prices subject to change without notice

INSERT 90



MODEL	SIZE (in)	LIST
1406-005	1/2	\$1.47
1406-007	3/4	\$1.76
1406-010	1	\$1.96
1406-012	1-1/4	\$2.21
1406-015	1-1/2	\$2.60
1406-020	2	\$3.60

INSERT 90 REDUCED



MODEL	SIZE (in)	LIST
1406-101	3/4 x 1/2	\$1.69
1406-131	1 x 3/4	\$2.06
1406-168	1-1/4 x 1	\$3.04
1406-212	1-1/2 x 1	\$8.87
1406-251	2 x 1-1/2	\$9.87

INSERT 90 X FPIT



MODEL	SIZE (in)	LIST
1407-005	1/2	\$1.64
1407-007	3/4	\$1.76
1407-010	1	\$2.30
1407-012	1-1/4	\$3.38
1407-015	1-1/2	\$3.85
1407-020	2	\$12.86

INSERT 90 REDUCED X FPIT



MODEL	SIZE (in)	LIST
1407-101	3/4 x 1/2	\$1.72
1407-130	1 x 1/2	\$1.76
1407-131	1 x 3/4	\$2.06
1407-166	1-1/4 x 1/2	\$6.03
1407-167	1-1/4 x 3/4	\$6.03
1407-168	1-1/4 x 1	\$6.03
1407-211	1-1/2 x 1	\$6.86
1407-212	1-1/2 x 1-1/4	\$7.47
1401-251	2 x 1-1/2	\$12.15

INSERT 90 X MIPT



MODEL	SIZE (in)	LIST
1413-005	1/2	\$1.84
1413-007	3/4	\$2.52
1413-010	1	\$3.31
1413-012	1-1/4	\$4.41
1413-015	1-1/2	\$5.83
1413-020	2	\$9.21

INSERT CROSS



MODEL	SIZE (in)	LIST
1420-007	3/4	\$8.23
1420-010	1	\$10.22

All prices subject to change without notice

INSERT COUPLER



MODEL	SIZE (in)	LIST
1429-005	1/2	\$0.74
1429-007	3/4	\$0.88
1429-010	1	\$0.96
1429-012	1-1/4	\$1.37
1429-015	1-1/2	\$1.62
1429-020	2	\$3.06

INSERT COUPLER REDUCED



MODEL	SIZE (in)	LIST
1429-101	3/4 x 1/2	\$1.26
1429-130	1 x 1/2	\$1.67
1429-131	1 x 3/4	\$1.25
1429-167	1-1/4 x 3/4	\$2.55
1429-168	1-1/4 x 1	\$1.98
1429-210	1-1/2 x 3/4	\$3.06
1429-211	1-1/2 x 1	\$2.96
1429-212	1-1/2 x 1-1/4	\$2.33
1429-249	2 x 1	\$4.17
1429-250	2 x 1-1/4	\$3.92
1429-251	2 x 1-1/2	\$3.70

INSERT FEMALE ADAPTER



MODEL	SIZE (in)	LIST
1435-005	1/2	\$3.23
1435-007	3/4	\$3.53
1435-010	1	\$3.87
1435-012	1-1/4	\$4.80
1435-015	1-1/2	\$6.05
1435-020	2	\$10.24

INSERT MALE ADAPTER



MODEL	SIZE (in)	LIST
1436-005	1/2	\$0.69
1436-007	3/4	\$0.88
1436-010	1	\$0.96
1436-012	1-1/4	\$1.47
1436-015	1-1/2	\$1.64
1436-020	2	\$3.11

INSERT MALE ADAPTER REDUCED



MODEL	SIZE (in)	LIST
1436-074	1/2 x 3/4	\$2.33
1436-101	3/4 x 1/2	\$2.06
1436-102	3/4 x 1	\$2.38
1436-131	1 x 3/4	\$2.16
1436-132	1 x 1-1/4	\$2.89
1436-133	1 x 1-1/2	\$4.36
1436-167	1-1/4 x 3/4	\$5.02
1436-168	1-1/4 x 1	\$5.39
1436-169	1-1/4 x 1-1/2	\$8.70
1436-211	1-1/2 x 1	\$6.54
1436-212	1-1/2 x 1-1/4	\$6.54
1436-213	1-1/2 x 2	\$11.07
1436-251	2 x 1-1/2	\$11.03

INSERT PLUG



MODEL	SIZE (in)	LIST
1449-005	1/2	\$0.53
1449-007	3/4	\$0.56
1449-010	1	\$0.76
1449-012	1-1/4	\$0.96
1449-015	1-1/2	\$1.05
1449-020	2	\$1.85

All prices subject to change without notice

STAR 75 (75 PSI)



	SIZE (in)	ROLL SIZE	LIST PER 100'
P75005	1/2	100, 400	\$43.74
P75007	3/4	100,400	\$72.34
P75010	1	100,300	\$99.26
P75012	1-1/4	100, 300	\$170.78
P75015	1-1/2	100, 250	\$218.71
P75020	2	100,200	\$382.23

PRIME 100 (100 PSI)

	SIZE (in)	ROLL SIZE	LIST PER 100'
P100005	1/2	100, 400	\$51.67
P100007	3/4	100, 200, 400	\$77.05
P100010	1	100, 300, 500	\$118.77
P100012	1-1/4	100, 300	\$206.93
P100015	1-1/2	100, 250, 500	\$280.39
P100020	2	100, 200, 500	\$463.58

POLY DROP (160 PSI)

	SIZE (in)	ROLL SIZE	LIST PER 100'
PD160010	1	100, 150, 200, 300, 500	\$177.32
PD160012	1-1/4	100, 200, 300, 500	\$309.55

MUNICIPAL (200 PSI)

	SIZE (in)	ROLL SIZE	LIST PER 100'
PWS007	3/4	100, 200, 300, 400, 500	\$90.36
PWS010	1	100, 150, 200, 300, 500	\$140.17
PWS012	1-1/4	100, 200, 300, 500	\$207.68
PWS015	1-1/2	100, 200, 250, 500	\$284.16
PWS020	2	100, 200, 500	\$478.79

All prices subject to change without notice

STAINLESS STEEL GEAR CLAMP



SSC04	1/4" - 5/8"	\$1.17
SSC05	5/16" - 7/8"	\$1.17
SSC06	3/8" - 3/4"	\$1.50
SSC08	1/2" - 7/8"	\$1.50
SSC10	9/16" - 1-1/8"	\$1.50
SSC12	11/16" - 1-1/4"	\$1.50
SSC16	5/8" - 1-1/2"	\$1.50
SSC20	3/4" - 1-3/4"	\$1.54
SSC24	1-1/16" - 2"	\$1.54
SSC32	1-9/16" - 2-1/2"	\$1.54
SSC40	2-1/16" - 3"	\$1.80
SSC52	2-7/8" - 3-3/4"	\$2.25
SSC64	3-5/8" - 4-1/2"	\$2.34
SSC72	4-1/8" - 5"	\$2.50
SSC80	4-5/8" - 5-1/2"	\$2.59

OETIKER S.S. CLAMPS



O210R	1/2" Single Ear	\$0.32
O256R	3/4" Single Ear	\$0.35
O271R	3/4" Single Ear 100	\$0.37
O331R	1" Single ear	\$0.55
O210S	1/2" Stepless	\$0.64
O256S	3/4" Stepless	\$0.68
O271S	3/4" Stepless (Series 100)	\$0.69
O331S	1" Stepless	\$1.31
ECONO	Pinchers Econo	\$24.90
TOOL	Pinchers	\$40.83

All prices subject to change without notice

PEX FITTINGS



PXR05	1/2 PEX RING	\$.34
PXR07	3/4 PEX RING	\$.40
PXR10	1 PEX RING	\$.58
PXT05	1/2 PEX TEE	\$2.62
PXT07	3/4 PEX TEE	\$3.09
PXT10	1 PEX TEE	\$8.56
PXRT0705	3/4 x 1/2 PEX REDUCING TEE	\$3.09
PXRT0705	1 x 3/4 PEX REDUCING TEE	\$8.56
PXE05	1/2 PEX 90	\$2.05
PXE07	3/4 PEX 90	\$2.53
PXE10	1 PEX 90	\$7.49
PXDE05	1/2 PEX DROP EAR 90	\$5.31
PXDE07	3/4 PEX DROP EAR 90	\$6.97
PXC05	1/2 PEX COUPLER	\$1.10
PXC07	3/4 PEX COUPLER	\$1.40
PXC10	1 PEX COUPLER	\$2.93
PXRC0705	3/4 x 1/2 PEX REDUCING COUPLER	\$2.57
1 PEX TEE	1 x 3/4 PEX REDUCING COUPLER	\$6.09
PXFA05	1/2 PEX FEMALE ADAPTER	\$4.53
PXFA07	3/4 PEX FEMALE ADAPTER	\$6.75
PXFA10	1 PEX FEMALE ADAPTER	\$9.51
PXMA05	1/2 PEX MALE ADAPTER	\$2.83
PXMA07	3/4 PEX MALE ADAPTER	\$4.24
PXMA10	1 PEX MALE ADAPTER	\$9.16
PXRMA0705	1 x 3/4 PEX REDUCING MALE ADAPTER	\$8.56
PXSAF10	1/2 PEX SWEAT ADAPTER FEMALE	\$1.61
PXSAF07	3/4 PEX SWEAT ADAPTER FEMALE	\$2.83
PXSAF10	1 PEX SWEAT ADAPTER FEMALE	\$6.47
PXP05	1/2 PEX PLUG	\$.94
PXP05	3/4 PEX PLUG	\$1.43
PXP05	1 PEX PLUG	\$2.64
PXTC05	1/2 PEX x POLY B TRANSITION COUPLER	\$1.96
PXTC07	3/4 PEX x POLY B TRANSITION COUPLER	\$2.46
PXJC05	1/2 PEX J-CLAMP W/NAIL	\$.15
PXJC07	3/4 PEX J-CLAMP W/NAIL	\$.17
PXJC10	1 PEX J-CLAMP W/NAIL	\$.29

PEX PIPE

PEX005	1/2 PEX X 100'	\$88.96
PEX007	3/4 PEX X 100'	\$165.44
PEX010	1 PEX X 100'	\$254.18

All prices subject to change without notice

PEX / POLY B. / MUNI-POLY FITTINGS



CPT007	3/4" Tee	\$40.20
CPT010	1" Tee	\$43.40
CPT012	1-1/4" Tee	\$64.36
CPT015	1-1/2" Tee	\$109.54
CPT020	2" Tee	\$
CPTT007	3/4" Tee Thd.	\$37.66
CPTT010	1" Tee Thd.	\$40.56
CPTT012	1-1/4" Tee Thd.	\$60.10
CPTT015	1-1/2" Tee Thd.	\$104.76
CPTT020	2" Tee	\$
CPC007	3/4" Coupler	\$25.41
CPC010	1" Coupler	\$31.69
CPC012	1-1/4" Coupler	\$37.75
CPC015	1-1/2" Coupler	\$77.06
CPC020	2" Coupler	\$120.53
CPRC010007	1" x 3/4" Red Coupler	\$23.04
CPFA007	3/4" Female Adapter	\$23.33
CPFA010	1" Female Adapter	\$26.87
CPFA012	1-1/4" Female Adapter	\$37.86
CPFA015	1-1/2" Female Adapter	\$57.92
CPFA020	2" Female Adapter	\$74.62
CPRMA007010	3/4" x 1" Red Male Adapter	\$20.96
CPRMA010012	1" x 1-1/4" Red Male Adapter	\$28.58
CPRMA012015	1-1/4" x 1-1/2" Red Male Adapter	\$45.75
CPRMA015020	1-1/2" x 2" Red Male Adapter	\$54.82
CPMA007	3/4" Male Adapter	\$19.87
CPMA010	1" Male Adapter	\$22.15
CPMA012	1-1/4" Male Adapter	\$30.75
CPMA015	1-1/2" Male Adapter	\$45.94
CPMA020	2" Male Adapter	\$55.18
CPE007	3/4" 90	\$29.30
CPE010	1" 90	\$31.84
CPE012	1-1/4" 90	\$47.10
CPE015	1-1/2" 90	\$83.40
CPE020	2" 90	\$111.82
CPET007	3/4" 90 x Thd.	\$29.04
CPET010	1" 90 x Thd.	\$30.13
CPET012	1-1/4" 90 x Thd.	\$47.56
CPET015	1-1/2" 90 x Thd.	\$64.72
CPET020	2" 90 x Thd.	\$

All prices subject to change without notice

BRASS COMPRESSION FITTINGS



CBT007	3/4" Tee	\$195.75
CBT010	1" Tee	\$216.00
CBC007	3/4" Coupler	\$60.21
CBC010	1" Coupler	\$68.88
CBC012	1-1/4" Coupler	\$118.91
CBC015	1-1/2" Coupler	\$230.44
CBC020	2" Coupler	\$311.17
CBFA007	3/4" FA	\$51.98
CBFA010	1" FA	\$70.52
CBFA012	1-1/4" FA	\$157.00
CBFA015	1-1/2" FA	\$205.20
CBFA020	2" FA	\$244.30
CBMA007	3/4" MA	\$49.46
CBMA010	1" MA	\$58.54
CBMA012	1-1/4" MA	\$135.00
CBMA015	1-1/2" MA	\$139.50
CBMA020	2" MA	\$202.50
CBSS007	3/4" S.S. Stiffner	\$7.16
CBSS010	1" S.S. Stiffner	\$7.16
CBSS012	1-1/4" S.S. Stiffner	\$13.95
CBSS015	1-1/2" S.S. Stiffner	\$17.64
CBSS020	2" S.S. Stiffner	\$13.47
CBCS007	3/4" Curb Stop Thd.	\$157.60
CBCS010	1" Curb Stop Thd.	\$244.96
CBCS012	1-1/4" Curb Stop Thd.	\$338.32
CBCS015	1-1/2" Curb Stop Thd.	\$499.65
CBCS020	2" Curb Stop Thd.	\$733.49

SHARK BITE

SBT05	1/2" Shark Bite Tee	\$18.58
SBT07	3/4" Shark Bite Tee	\$29.83
SBT10	1" Shark Bite Tee	\$45.97
SBC05	1/2" Shark Bite Coupler	\$11.02
SBC07	3/4" Shark Bite Coupler	\$16.49
SBC10	1" Shark Bite Coupler	\$25.58
SBMA05	1/2" Shark Bite MA	\$9.37
SBMA07	3/4" Shark Bite MA	\$14.96
SBMA10	1" Shark Bite MA	\$18.05
SBFA05	1/2" Shark Bite FA	\$9.58
SBFA07	3/4" Shark Bite FA	\$13.32
SBFA10	1" Shark Bite FA	\$20.55
SBE05	1/2" Shark Bite 90	\$13.60
SBE07	3/4" Shark Bite 90	\$22.60
SBE10	1" Shark Bite 90	\$34.42
SBV05	1/2" Shark Bite Valve	\$25.82
SBV07	3/4" Shark Bite Valve	\$38.82
SBV10	1" Shark Bite Valve	\$67.96

All prices subject to change without notice

DRAIN PIPE



ASTM DRAIN PIPE

PD030S	3" Solid ASTM	\$275.74/C
PD030P	3" Perf. ASTM	\$275.74/C
PD040S	4" Solid ASTM	\$450.16/C
PD040P	4" Perf. ASTM	\$450.16/C
PD060S	6" Solid ASTM	\$686.61/C
PD060P	6" Perf. ASTM	\$686.61/C



CSA DRAIN PIPE

PDC030S	3" Solid CSA	\$308.94/C
PDC030P	3" Perf. CSA	\$300.51/C
PDC040S	4" Solid CSA	\$515.69/C
PDC040P	4" Perf. CSA	\$420.62/C
PDC060S	6" Solid CSA	\$1,317.06/C
PDC060P	6" Perf. CSA	\$948.06/C

DRAIN FITTINGS



DT030	3" Tee	\$11.55
DT040	4" Tee	\$12.92
DT060	6" Tee	\$52.12
DRT060040	6" x 4" Tee	\$54.35
DST030	3" Sani Tee	\$13.83
DST040	4" Sani Tee	\$17.96
DE030	3" 90 Ell	\$11.09
DE040	4" 90 Ell	\$11.75
DE060	6" 90 Short Bend	\$35.31
DE22030	3" 22-1/2 Ell	\$11.30
DE22040	4" 22-1/2 Ell	\$9.68
DE22060	6" 22-1/2 Ell	\$37.76
DE45030	3" 45 Ell	\$7.43
DE45040	4" 45 Ell	\$8.85
DE45060	6" 45 Ell	\$28.60
DCR040	4" Cross	\$26.32
DC030	3" Coupler	\$4.53
DC040	4" Coupler	\$5.34
DC060	6" Coupler	\$16.39
DW030	3" Wye	\$13.83
DW040	4" Wye	\$14.35
DW060	6" Wye	\$53.63
DW060040	6" x 4" Wye	\$47.94
DRC040030	4" x 3" Red. Coupler	\$8.14

DRC060040	6" x 4" Red. Coupler	\$24.73
DRCD040030	4" x 3" PVC x ABS C	\$9.51
DCD040	4" x 4" PVC x ABS C	\$11.30
DCD060	6" x 6" PVC x ABS C	\$33.69
DFC030	3" Spigot Cleanout	\$8.80
DFC040	4" Spigot Cleanout	\$9.76
DHC040	4" Hub Cleanout	\$3.83
DHC060	6" Hub Cleanout	\$40.46
DP030	3" Thd. Plug	\$5.44
DP040	4" Thd. Plug	\$7.82
DP060	6" Thd. Plug	\$31.60
DRBD030020	3" x 2" PVC x ABS	\$6.52
DRB040020	4" x 2" Red. Bushing	\$13.64
DRB040030	4" x 3" Red. Bushing	\$9.93
DRB060040	6" x 4" Red. Bushing	\$26.36
DRBD030	3" ABS x PVC RB	\$4.67
DRBD040	4" ABS x PVC RB	\$4.27
DRBD060	6" ABS x PVC RB	\$16.43
DG030	3" Grate	\$10.84
DG040	4" Grate	\$11.41
DG060	6" Grate	\$16.07
DCP030	3" Cap	\$4.89
DCP040	4" Cap	\$5.69
DCP060	6" Cap	\$27.28
DBA040	4" Big-O Adapter	\$30.98

All prices subject to change without notice

ADS CULVERT



APC08	8" (200) ADS Poly Culvert N12	\$12.11
APC10	10" (250) ADS Poly Culvert N12	\$16.71
APC12	12" (300) ADS Poly Culvert N12	\$18.06
APC15	15" (375) ADS Poly Culvert N12	\$27.24
APC18	18" (450) ADS Poly Culvert N12	\$37.09
APC24	24" (600) ADS Poly Culvert N12	\$63.80

BIG-O



BP040P/S	4" Perf/Solid	\$167.16/C
BP060P/S	6" Perf/Solid	\$549.24/C
BP040PS	4" Perf c/w Soc	\$209.76/C
BT040	4" Tee	\$15.84
BT060	6" Tee	\$32.97
BT060040	6" x 4" Tee	\$32.97
BC040	4" Coupler	\$8.04
BC060	6" Coupler	\$10.44
BP040	4" Plug	\$7.12
BP060	6" Plug	\$10.57

EZ FLOW

BEZFLOW030	3" x 10' EZ FLOW	\$15.82/ft
BC030	3" EZ FLOW COUPLER	\$12.52

EZflow BASEMENT DRAINAGE by INFILTRATOR

Applications:

- Basement drainage
- Crawlspace dewatering

Features and Benefits:

- Ease of Installation** - available in convenient 10-foot lengths that are easily transported and installed by a single worker, dramatically reducing labor costs compared to stone
- Performance** - engineered flow channels in the aggregate create greater flow rates and storage compared to gravel
- Flexibility** - separate pipe combination and separate only bundles can easily bend around corners and obstacles, easily conforming to project needs
- Versatility** - available in 7", 10", and 15" diameters each with or without a slotted drainage pipe. Multiple units can be combined to maximize configuration options
- Environmentally Friendly** - made from 100% recycled expanded polystyrene aggregate
- Reliability** - EZflow drainage systems have over 15 years of proven performance

Product Sizes:

7-inch Diameter

NO PIPE PIPE CENTERED

10-inch Diameter

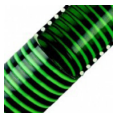
NO PIPE PIPE BOTTOM PIPE CENTERED

15-inch Diameter

NO PIPE PIPE BOTTOM PIPE CENTERED

All prices subject to change without notice

HOSE ASSEMBLY



HLFB015	1-1/2" Blue L/F	\$1.06
HLFB020	2" Blue L/F	\$1.24
HLFB025	2-1/2" Blue L/F	\$1.95
HLFB030	3" Blue L/F	\$2.13
HLFB040	4" Blue L/F	\$3.01
HLFB060	6" Blue L/F	\$5.30
HLFB080	8" Blue L/F	\$9.00
HLFBA01550	1-1/2" Blue L/F x 50' C x E	\$82.85
HLFBA015100	1-1/2" Blue L/F x 100' C x E	\$125.50
HLFBA02050	2" Blue L/F x 50' C x E	\$92.50
HLFBA020100	2" Blue L/F x 100' C x E	\$158.35
HLFBA03050	3" Blue L/F x 50' C x E	\$150.97
HLFBA030100	3" Blue L/F x 100' C x E	\$246.65
HLFR015	1-1/2" Red L/F	\$1.63
HLFR020	2" Red L/F	\$2.10
HLFR025	2-1/2" Red L/F	\$7.25
HLFR030	3" Red L/F	\$3.42
HLFR040	4" Red L/F	\$4.12
HLFR060	6" Red L/F	\$15.90
HLFRA02050	2" Red L/F x 50' C x E	\$84.12
HLFRA020100	2" Red L/F x 100' C x E	\$154.58
HLFRA03050	3" Red L/F x 50' C x E	\$148.97
HLFRA030100	3" Red L/F x 100' C x E	\$246.22
HLFBK015	1-1/2" Black Oroxflex L/F	\$4.38
HLFBK020	2" Blk Oroxflex L/F	\$5.20
HLFBK030	3" Blk Oroxflex L/F	\$8.43
HLFBK040	4" Blk Oroxflex L/F	\$10.70
HLFBK060	6" Blk Oroxflex L/F	\$16.60
HLFBKA01550	1-1/2" Blk Oroxflex L/F x 50' C x E	\$204.35
HLFBKA02050	2" Blk Oroxflex L/F x 50' C x E	\$254.34
HLFBKA03050	3" Blk Oroxflex L/F x 50' C x E	\$407.00
HLFBKA04050	4" Blk Oroxflex L/F x 50' C x E	\$544.19
HSE015	1-1/2" Epdm Suction	\$6.18
HSE020	2" Epdm Suction	\$7.42
HSE030	3" Epdm Suction	\$14.48
HSE040	4" Epdm Suction	\$24.05
HSE060	6" Epdm Suction	\$48.58
HSEA020	2" Epdm Suction 20' CXMNPT	\$190.72
HSEA030	3" Epdm Suction 20' CXMNPT	\$345.32
HSR040	4" Rubber Suction	\$23.13
HSR050	5" Rubber Suction	\$34.01
HSR060	6" Rubber Suction	\$46.94
HSR080	8" Rubber Suction	\$68.02

All prices subject to change without notice

HOSE



HCT002	1/4" Clear Tubing	\$0.48
HCT003	3/8" Clear Tubing	\$0.64
HCT005	1/2" Clear Tubing	\$0.82
HCB002	1/4" Clear Braid	\$1.40
HCB004	3/8" Clear Braid	\$1.56
HCB005	1/2" Clear Braid	\$2.15
HCB006	5/8" Clear Braid	\$2.76
HCB007	3/4" Clear Braid	\$3.66
HCB010	1" Clear Braid	\$5.51
HCB012	1-1/4" Clear Braid	\$11.53
HCTR010	1" Clear Transfer	\$2.60
HCTR012	1-1/4" Clear Transfer	\$3.02
HCTR015	1-1/2" Clear Transfer	\$3.63
HCTR020	2" Clear Transfer	\$5.16
HSF005	1/2" Spa Flex	\$5.78
HSF007	3/4" Spa Flex	\$5.29
HSF010	1" Spa Flex	\$4.32
HSF012	1-1/4" Spa Flex	\$6.59
HSF015	1-1/2" Spa Flex	\$6.29
HSF020	2" Spa Flex	\$9.42
HHT002	1/4" HDPE Tubing	\$0.57
HHT003	3/8" HDPE Tubing	\$1.11
HHT005	1/2" HDPE Tubing	\$1.74

All prices subject to change without notice

GARDEN HOSE (125 PSI)



HGAS25	5/8" x 25' Serpent Hose	\$32.50
HGAS50	5/8" x 50' Serpent Hose	\$47.50
HGAS100	5/8" x 100' Serpent Hose	\$92.50
HGA0750	3/4" x 50' Serpent Hose	\$80.00
HGA007100	3/4" x 100' Serpent Hose	\$145.00
HGA07100	1x50' Yellow Garden Hose 125 PSI	\$157.77
HGA010100	1x100' Yellow Garden Hose 125 PSI	\$270.90

BLACK HEAVY DUTY GARDEN HOSE (200 PSI)



HGAH00750	3/4" x 50'	\$119.87
HGAH07100	3/4" x 100'	\$213.47

FORESTRY HOSE

HLFA01550	1-1/2" x 50' Red L/F	\$168.90
HLFA015100	1-1/2" x 100' Red L/F	\$286.62

MIKALOR CLAMPS



MC4851	1-1/2" Suction	\$8.92
MC5659	2" Suction	\$9.57
MC8691	3" Suction	\$14.37
MC113121	4" Suction	\$16.25
MC162174	6" Suction	\$25.17
MC4043	1-1/2" Discharge	\$7.75
MC5255	2" Discharge	\$9.10
MC8085	3" Discharge	\$14.05
MC104112	4" Discharge	\$16.02
MC149161	6" Discharge	\$24.67

All prices subject to change without notice

COMBINATION NIPPLE/MENDER



	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
COMBO NIPPLE GALV.	3.50	3.80	4.23	6.23	6.80	8.90	16.45	21.18	32.53	78.38
COMBO NIPPLE NYLON	5.33	5.68	6.40	8.06	8.35	12.28		28.68	40.65	
COMBO VICTAULIC								22.53	33.07	
MENDER GALV	4.38	3.91	4.83	7.36	8.28	11.27	18.63	23.23	36.11	80.50
MENDER NYLON					7.25	19.85		100.50	165.35	



ALUMINUM CAMLOCKS

	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	6"
(A) FIPT X MALE	6.42	8.22	8.16	9.60	16.20	17.10	28.62	52.80
(B) MIPT X FEMALE	14.49	18.63	19.38	22.44	27.00	34.65	47.52	91.62
(C) INS X FEMALE	13.35	19.17	20.46	23.82	29.52	37.77	49.14	125.04
(D) FIPT X FEMALE	13.95	19.23	20.22	23.58	20.01	35.01	50.94	115.32
(E) INS X MALE	7.23	9.60	11.25	14.79	21.69	29.31	44.25	107.10
DUST CAP	12.72	17.31	18.24	21.15	24.15	31.65	43.84	85.74
DUST PLUG	6.00	7.26	7.20	10.38	14.52	17.01	34.45	53.46
GASKETS	1.59	1.86	1.86	1.59	2.79	3.30	3.90	8.67



NYLON CAMLOCKS

	1"	1-1/4"	1-1/2"	2"	3"	4"
(A) FIPT X MALE	6.75	10.50	9.75	10.92	22.65	49.56
(B) MIPT X FEMALE	19.71	23.20	26.91	34.65	49.50	78.60
(C) INS X FEMALE	18.87	24.00	25.35	31.65	51.51	78.51
(D) FIPT X FEMALE	18.27	24.20	26.73	34.32	53.40	75.96
(E) INS X MALE	7.20	10.90	10.26	14.52	26.79	42.48
(F) MIPT X MALE	7.17	11.50	10.26	14.31	28.32	47.31
DUST CAP	17.10	7.26	25.35	27.21	45.75	71.04
DUST PLUG	5.31	8.00	8.22	9.45	23.67	38.70

FORESTRY FITTINGS



FF010	1" Female	\$20.03
FF015	1-1/2" Female	\$12.93
FM010	1" Male	\$20.03
FM015	1-1/2" Male	\$12.75
FC	Forestry Cap	\$13.01
FN010	1" Fog Nozzle	\$43.54
FN015	1-1/2" Fog Nozzle	\$33.64
FG	Gasket	\$2.94

All prices subject to change without notice

HOSE ACCESSORIES



GW8453	Spray Wand	\$32.80
GHSP	Plastic Hose Shut-off	\$3.56
GHSB	Brass Shut-off	\$8.13
GHSBH	Brass Hose Shut Off H.D.	\$14.45
GHWP	Plastic Y Shut-off	\$4.40
GHWB	Brass Hose Wye	\$14.58
GSS	Steel Step Spike	\$34.65
GSA	Aluminum Triangle Stand	\$32.50
GHFC	Hose Thd Cap	\$0.49
GHFW	Hose Washer	\$0.11
GHFWSS	Hose Washer SS	\$0.68
GQ4MQC	Coupler c/w Stop	\$7.93
GQ5MQC	MHT x Coupler	\$8.60
GQ1MQC	MHT x Male	\$5.15
GQ2MQC	FHT x Male	\$3.30
GQBF	FHT x QF Br	\$7.50
GQBM	MHT x QM Br	\$3.75
GN525C	Brass Hose Nozzle	\$9.72
GN542	Gilmour Trigger Spray	\$33.03
GN5120	DLX Trigger	\$17.57
GN493C	Aqua Gun	\$9.60
GN547	Brass Sweeper Nozzle	\$5.67
GT9001	Dig Hose Bib Timer	\$77.00
GN545	Fog Nozzle GHT	\$25.05
GNBT	Brass Trigger Nozzle	\$11.88

HOSE FITTINGS



MHT x 1/2", 5/8", 3/4" Barb Brass	\$6.39
FHT x 1/2", 5/8", 3/4" Barb Brass	\$6.36
FHT x 1/2" FIPT Swivel Brass	\$9.06
FHT x 3/4" FIPT Swivel Brass	\$10.07
FHT x FHT Swivel Brass	\$7.92
MHT x 1/2" MIPT Brass	\$6.63
MHT x 3/4" MIPT Brass	\$6.92
MHT x MHT Brass	\$6.52
FHT x 1/2" MIPT Brass	\$8.65
FHT x 1/2" MIPT Brass	\$9.46

PVC HOSE ADAPTERS



GMGTP	MHT x 3/8", 1/2", 5/8", 3/4" Barb Plastic	\$2.30
GFGTP	FHT x 3/8", 1/2", 5/8", 3/4" Barb Plastic	\$2.61
GPPF0705	FHT x 1/2" FIPT AP105	\$7.98
GPPF0707	FHT x 3/4" FIPT AP106	\$7.98
GPFM0707	FHT x 3/4" MIPT AP109	\$7.98
GPFM0705	FHT x 1/2" MIPT AP110	\$7.98
GPPF0707H	FHT x FHT AP112	\$7.98
GPMS0707	MHT x 3/4" Slip M66P	\$3.65
GPMM0705	MHT x 1/2" MIPT N1	\$3.65
GPMM0707	MHT x 3/4" MIPT N3	\$3.65

All prices subject to change without notice

VALVES



VRW005	1/2" RW Gate	\$48.98
VRW007	3/4" RW Gate	\$77.74
VRW010	1" RW Gate	\$108.69
VRW012	1-1/4" RW Gate	\$139.29
VRW015	1-1/2" RW Gate	\$187.34
VRW020	2" RW Gate	\$313.5
VRW025	2-1/2" RW Gate	\$555.16
VRW030	3" RW Gate	\$760.27
VRW040	4" RW Gate	\$2,042.44



VBG1005	1/2" Brass Gate Import	\$20.25
VBG1007	3/4" Brass Gate Import	\$27.66
VBG1010	1" Brass Gate Import	\$41.11
VBG1012	1-1/4" Brass Gate Import	\$57.99
VBG1015	1-1/2" Brass Gate Import	\$73.76
VBG1020	2" Brass Gate Import	\$86.31
VBG1025	2-1/2" Brass Gate Import	\$170.77
VBG1030	3" Brass Gate Import	\$232.20
VBG1040	4" Brass Gate Import	\$359.25



VBB002	1/4" Brass Ball Valve Import	\$9.69
VBB003	3/8" Brass Ball Valve Import	\$9.69
VBB005	1/2" Brass Ball Valve Import	\$12.60
VBB007	3/4" Brass Ball Valve Import	\$19.39
VBB010	1" Brass Ball Valve Import	\$31.05
VBB012	1-1/4" Brass Ball Valve Import	\$47.99
VBB015	1-1/2" Brass Ball Valve Import	\$64.95
VBB020	2" Brass Ball Valve Import	\$90.07
VBB025	2-1/2" Brass Ball Valve Import	\$234.50
VBB030	3" Brass Ball Valve Import	\$315.36
VBB040	4" Brass Ball Valve Import	\$559.17



VBVSS05	1/2" 304 SS Ball Valve	\$24.58
VBVSS07	3/4" 304 SS Ball Valve	\$32.89
VBVSS10	1" 304 SS Ball Valve	\$50.20
VBVSS12	1-1/4" 304 SS Ball Valve	\$73.95
VBVSS15	1-1/2" 304 SS Ball Valve	\$103.68
VBVSS20	2" 304 SS Ball Valve	\$176.49



VHBF058	1/2" Frost free H.B. 8	\$36.14
VHB005	1/2" Hose Bib Ball Type	\$17.10
VHB007	3/4" Hose Bib Ball Type	\$21.70

VBVP005	1/2" Pex Ball Valve	\$6.37
VBVP007	3/4" Pex Ball Valve	\$11.32
VBVP010	1" Pex Ball Valve	\$15.87
VBVM002	1/4" Mini Ball Valve MxF	\$10.63
VBD005	1/2" Boiler Drain	\$10.78
VBD007	3/4" Boiler Drain	\$11.82

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VALVES



VPBC005	1/2" Cold Water Ball Valve	\$13.96
VPBC007	3/4" Cold Water Ball Valve	\$15.89
VPBC010	1" Cold Water Ball Valve	\$19.45
VPBC012	1-1/4" Cold Water Ball Valve	\$24.88
VPBC015	1-1/2" Cold Water Ball Valve	\$31.89
VPBC020	2" Cold Water Ball Valve	\$46.42



VPBU005	1/2" Utility Ball Valve	\$28.32
VPBU007	3/4" Utility Ball Valve	\$33.64
VPBU010	1" Utility Ball Valve	\$45.71
VPBU012	1-1/4" Utility Ball Valve	\$60.08
VPBU015	1-1/2" Utility Ball Valve	\$91.63
VPBU020	2" Utility Ball Valve	\$115.87
VPBU025	2-1/2" Utility Ball Valve	\$198.27
VPBU030	3" Utility Ball Valve	\$355.58
VPBU040	4" Utility Ball Valve	\$651.69
VPBU060	6" Utility Ball Valve	\$1051.40



VPBT005	1/2" Tru-Union Spears	\$85.14
VPBT007	3/4" Tru-Union Spears	\$100.73
VPBT010	1" Tru-Union Spears	\$119.95
VPBT012	1-1/4" Tru-Union Spears	\$165.90
VPBT015	1-1/2" Tru-Union Spears	\$199.87
VPBT020	2" Tru-Union Spears	\$263.74
VPB7025	2-1/2" Tru-Union Spears	\$505.22
VPBT050	3" Tru-Union Spears	\$668.33
VPBT040	4" Tru-Union Spears	\$1128.90

VPBLC002	1/4" PVC Lab Cock	\$54.76
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VPG005	1/2" PVC Gate Valve	\$89.31
VPG007	3/4" PVC Gate Valve	\$109.22
VPG010	1" PVC Gate Valve	\$129.45
VPG012	1 1/4" PVC Gate Valve	\$179.01
VPG015	1 1/2" PVC Gate Valve	\$228.38
VPG020	2" PVC Gate Valve	\$290.61



VW015	1-1/2" PVC Knife	\$24.96
VW020	2" PVC Knife	\$39.27
VW030	3" PVC Knife	\$46.73
VW040	4" PVC Knife	\$178.68
VW060	6" PVC Knife	\$730.71
VW080	8" PVC Knife	\$1022.99
VW100	10" PVC Knife	\$1811.25
VW120	12" PVC Knife	\$1901.31

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VALVES



VWC025	2-1/2" Wafer Check Valve	\$180.42
VWC030	3" Wafer Check Valve	\$200.35
VWC040	4" Wafer Check Valve	\$251.34
VWC060	6" Wafer Check Valve	\$380.16
VWC080	8" Wafer Check Valve	\$622.28
VWC100	10" Wafer Check Valve	\$1022.20
VWC120	12" Wafer Check Valve	\$1487.03



VSC020	2" Val-Matic Silent Check Valve	\$638.18
VSC025	2-1/2" Val-Matic Silent Check Valve	\$727.48
VSC030	3" Val-Matic Silent Check Valve	\$751.44
VSC040	4" Val-Matic Silent Check Valve	\$969.23
VSC060	6" Val-Matic Silent Check Valve	\$1809.97
VSC080	8" Val-Matic Silent Check Valve	\$3184.34
VSC100	10" Val-Matic Silent Check Valve	\$5066.17



VBFL020	2" Butterfly Valve (L)	\$93.19
VBFL025	2-1/2" Butterfly Valve (L)	\$110.89
VBFL030	3" Butterfly Valve (L)	\$125.05
VBFL040	4" Butterfly Valve (L)	\$156.90
VBFL050	5" Butterfly Valve (L)	\$205.26
VBFL060	6" Butterfly Valve (L)	\$227.68
VBFL080	8" Butterfly Valve (L)	\$415.25
VBFG030	3" Butterfly Valve (G)	\$240.65
VBFG040	4" Butterfly Valve (G)	\$272.50
VBFG050	5" Butterfly Valve (G)	\$320.87
VBFG060	6" Butterfly Valve (G)	\$343.29
VBFG080	8" Butterfly Valve (G)	\$501.36
VBFG100	10" Butterfly Valve (G)	\$637.02
VBFG120	12" Butterfly Valve (G)	\$872.96



All prices subject to change without notice

VALVES



	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	3"	4"	6"
P.V.C. SWING CHECK	41.66	41.66	43.36	45.13	47.72	73.11	137.09	194.14	372.01
BACK WATER VALVE						148.75	148.75	164.75	702.19
P.V.C. SPRING CHECK	21.83	22.32	33.86	43.32	46.19	66.90	121.09		
P.V.C. SCREEN	5.27	5.79	7.86	10.39	11.87	23.44			
CHECKMATE COMBO VALVE					85.72	123.01			

RUBBER COUPLER



	1-1/2"	2"	3"	4"	6"	8"	10"	12"
FERNCO	5.61	5.90	11.51	16.24	28.58	49.36	91.25	120.80

RUBBER GROMMET



	3/4"	1"	1-1/4"	1-1/2"	2"	3"	4"
POLYLOK GROMMET	9.20	9.78	11.50	12.65	13.80	16.68	18.40

GASKETS-RED RUBBER



1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"
2.47	2.27	2.93	3.54	4.63	7.17	8.35	9.66	13.16	14.16	23.83	26.84

GASKETS-EPDM

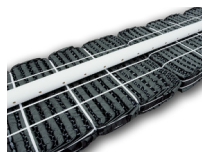
1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"
3.72	4.09	5.25	6.40	8.34	12.91	15.00	17.42	23.66	25.50	42.91

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SEPTIC PRODUCTS



SCDB	Concrete D-Box W/Cover	\$268.71
SCDBL	Concrete D-Box Top W/Cover	\$109.60
SDB	20" Polylock D-Box	\$163.54
SPLDBOXS	Polylok D-Box Seals	\$5.49
SEL30	Polylok 3" Extend & Lok	\$64.61
SEL40	Polylok 4" Extend & Lok	\$64.61
SEL60	Polylok 6" Extend & Lok	\$124.24
SIACR24	ARC 24 Chamber	\$98.20
SIACR24P	ARC 24 Endplate	\$43.84
SIACR36	ARC 36 Chamber	\$114.95
SIACR36P	ARC 36 Endplate	\$43.84
SINQ4S	Infiltrator Q4 Standard	\$114.78
SINQ4SP	Infiltrator Q4 Standard End Plate	\$61.00
SINQ4EQ	Infiltrator Q4 EQ36	\$81.51
SINQ4EQP	Infiltrator Q4 EQ End Plate	\$55.77
SZAP	14" Zap Strap	\$0.39
SSL3	3" Speed Leveler	\$4.26
SSL4	4" Speed Leveler	\$4.88
SMV	6400 Multi Zone Valve 2/3/4	\$440.35
SHS	Polylock Hydro Shield	\$5.53
SPL68	Polylock PL-68 Effluent Filter	\$57.05
SPL122	Polylock PL-122 Effluent Filter	\$105.22
SPLET80	Polylock Liner Diaphragm Air Pump ET-80	\$569.00
SR12	Polylok 12"x6" Riser	\$50.09
SR12L	Polylok 12" Lid	\$46.67
SR2002	Polylock 20"x2" Riser	\$53.25
SR2006	Polylock 20"x6" Riser	\$72.26
SR2012	Polylock 20"x12" Riser	\$125.51
SR20L	Polylock 20" Lid	\$70.99
SR2402	Polylock 24"x2" Riser	\$55.78
SR2406	Polylock 24"x6" Riser	\$88.74
SR2412	Polylock 24"x12" Riser	\$159.74
SR24L	Polylock 24" Lid	\$88.74
SR24LHD	Polylok 24" Heavy Duty Lid	\$169.88
SRAR	Polylok Adapter Ring 20"/24"	\$117.02
SMASTIK	Mastik 3/4" x 21'	\$35.07
SRC20	Polylok 20 Riser Concrete Ring	\$151.58
SRC24	Polylok 24 Riser Concrete Ring	\$156.24
SACV	Polylock Activated Carbon Vent 3" - 4"	\$130.43
SPLUV1	Polylok UV	\$1457.50
SNBL12	Netafim Bio Line 12" .6 GPH	\$126.90/C
SNBL24	Netafim Bio Line 24" .6 GPH	\$102.56/C
SELJEN	Eljen Geotextile Sand Filter	\$210.00



All prices subject to change without notice

SJE RHOMBUS PANELS & FLOATS



FSD120	Pump Down 13A 115V 1002715	\$125.43
FSD240	Pump Down 13A 230V 1002717	\$129.61
FSD15120	Pump Down 15A 115V 1003243	\$168.83
FSD20	Pump Down 20 Amp 1006312	\$247.64
FSDSEN	Pump Down 5 Amp Sensor 30ft Cord 1016215	\$107.07
FSU120	Pump Up 13A 115V 1002725	\$110.89
FSV120	Vertical Float Switch 13A 1003769	\$138.79
FSRS	Reed Switch 1016561	\$176.84
FSW	Float Switch Weight	\$19.59
FSB	SS Float Bracket	\$120.42
HWA	High Level Alarm Indoor	\$188.99
HWA3	High Level Alarm (NEMA3)	\$327.91
HWADUO	High Level Dou Alarm (NEMA3)	\$502.36
HWAW	Wireless High Water Alarm	\$723.51
HWAMS	My Spy Wifi High Water Alarm	\$461.85
SJNEXSET	SJ NEX Simplex Panel w/ Counter	\$897.64
SJNEXDET	SJ NEX Duplex Panel w/ Counter	\$1548.32
SJDRIP	SJ IFS Drip Panel	\$2859.65
SJIFSN2	SJ Simplex Panel IFN2	\$1488.20
SJIFN4	SJ Duplex Panel IFN4	\$1905.75
SJEZIS1	SJ EZ Insite Simplex	\$2356.13
SJEZID1	SJ EZ Insite Duplex	\$2528.58
SJEZICORD	SJ EZ Insite Cable	\$297.63
SJULTRA	SJ Ultra Nator #1029624	\$936.91
SJTCL40	SJ C-Level Transducer 40Ft	\$532.79
	Transducer Cable (Per Foot)	\$

MySpy® WiFi Messenger

WiFi Alarm System Provides 24/7 Remote Notification

Easy-to-Install indoor alarm system with WiFi connectivity, remote notification, battery backup and auto reset.

The MySpy® WiFi Messenger system monitors and reports any residential alarm condition (contact closure), including sump high water level (float switch), or under/over temperature alarms. When the contact closes, the alarm notifies the user locally (audible and visual alarm) and remotely via SMS text messages and/or emails over a WiFi or Ethernet network to a smartphone, tablet or computer.

The alarm works with your existing WiFi or Ethernet network, so it does not rely on cellular connection which means no monthly fees or contracts. Easy installation and setup!



All prices subject to change without notice

CHANNEL & CATCH BASINS



GCB61	Round CB Single/Double	\$29.10
GCBGB	7" Square Grate for Basin Black or Green	\$17.82
GCBN9	NDS 9x9 Basin #900	\$50.07
GCBN9G	NDS 9x9 Grate #980	\$66.49
GCBN12	NDS 12x12 Basin #1200	\$87.90
GCBN12G	NDS 12x12 Grate #1211	\$98.41
GCBN12R	NDS 12x12 Riser 6 #1216	\$51.37
GCBN0A	NDS Basin Outlet Adapter #1243	\$13.06
GCBNP	NDS Basin Plate #1206	\$10.42
GCD4	NDS 4" Channel Drain 4' #400	\$81.44
GCG4	NDS 4" Channel Grate 2' #241	\$63.03
GCGCA4	NDS 4" Channel End Cap #247	\$15.41
GCG04	NDS 3" & 4" Offset End Outlet #249	\$17.86
GCGC4	NDS 4" Channel Coupler #248	\$15.41
GRB4	NDS 4" Brass Grate #910B	\$62.17
GAC4	4" Aluminum Cleanout	\$54.01
GAG4	4" Aluminum Grate Drain	\$23.02
GCDP4	Polylok 4" Trench Drain	\$153.59
GCDP4O	Polylok 4" Trench Drain Outlet	\$14.02
GCDP4EC	Polylok 4" Trench Drain End Cap	\$14.02
GCCDP3	Polylok 3" Skinny Trench Drain	\$124.09
GCCDP3E	Polylok 3" Skinny Trench Drain Outlet	\$10.48
GCCDP3E	Polylok 3" Skinny Trench Drain End Cap	\$10.48
GCBP9	Polylok 9"x9" Catch Basin	\$88.51
GCBP12	Polylok 12"x12" Catch Basin	\$121.37

All prices subject to change without notice



LITTLE GIANT

L5MSP	Sump Pump 5MSP	\$198.50
LRS5	Diaphragm Float Switch	\$155.72
LRS5LL	Low level Diaphragm Float Switch	\$182.00
LPES130PW	PES-130, 130 GPH Pond Pump	\$250.33
LPES700PW	PES-700, 700 GPH Pond Pump	\$353.56
LF101200	F-10, 1200 GPH Pond Pump	\$373.75
LF202700	F-20, 2700 GPH Pond Pump	\$444.94
LF50500	F-50, 5000 GPH Pond Pump	\$651.30



HAILEA

HAHX9910	HAILEA HX9910	\$84.24
HAHX9915	HAILEA HX9915	\$96.00
HAHX9920	HAILEA HX9920	\$125.00
HAHX9940	HAILEA HX9940	\$220.00
HAT8000	HAILEA T8000 2060 GPH	\$264.60
HAT10000	HAILEA T10000 2510 GPH	\$318.60
HAT15000	HAILEA T15000 3860 GPH	\$410.40
HAT20000	HAILEA T20000 4800 GPH	\$448.20
HAT30000	HAILEA T30000 7800 GPH	\$567.00

FLEXCON TANKS

MYTPJR6	2 Gallon Pressure Tank	\$166.02
MYTPJR015	5 Gallon Pressure Tank	\$226.67
PTFPJR25	8.5 Gallon Pressure Tank	\$429.39
PTFWR45R	14 Gallon Pressure Tank	\$525.62
PTFWR60R	20 Gallon Pressure Tank	\$468.27
PTFWR120R	33 Gallon Pressure Tank	\$817.40
PTFWR100R	32 Gallon Pressure Tank Squat	\$938.04
PTFWR140R	44 Gallon Pressure Tank	\$1,093.21
PTFWR200R	62 Gallon Pressure Tank	\$1,282.65
PTFWR260R	85 Gallon Pressure Tank	\$1,504.60
PTFWR360R	119 Gallon Pressure Tank	\$2,105.46



All prices subject to change without notice

END SUCTION PUMPS



Myers®

MYHJ50	1/2 HP HJ Jet Pump	\$1073.32
MYHJ75	3/4 HP HJ Jet Pump	\$1331.25
MYHJ100	1 HP HJ Jet Pump	\$1422.25
MYMFNC	1/2 HP FNC Jet Pump	\$842.43
MYMFND	3/4 HP FND Jet Pump	\$921.06
MYMIB0715S	Multievo Intelli Boost 3/4HP 15 GPM	\$2127.10
MYMPC10	1/2 HP Plastic Jet Pump MPNC	\$841.39
MYMPND	3/4 HP Plastic Jet Pump MPND	\$842.28
MYMPNE	1 HP Plastic Jet Pump MPNE	\$1042.21
MYCT05	1/2 HP Centrifugal Pump	\$1222.94
MYCT07	3/4 HP Centrifugal Pump	\$1296.89
MYCT10	1 HP Centrifugal Pump	\$1403.54
MYCT15	1-1/2 HP Centrifugal Pump	\$1498.15
MYCT20	2 HP Centrifugal Pump	\$2392.56
MYCT25	2-1/2 HP Centrifugal Pump	\$2991.14
MYQP7	3/4 HP Quck Prime	\$1441.38
MYQP10	1 HP Quck Prime	\$1532.55
MYQP15	1-1/2 HP Quck Prime	\$1745.84
MYQP20	2 HP Quck Prime	\$1959.12
MYQP30	3 HP Quck Prime	\$2246.36
MYQP10	5 HP Quck Prime	\$4731.80
MY2C200	2 HP 2 Stage Centrifugal Pump	\$2986.45
MY2C2003	2 HP 2 Stage Centrifugal Pump 3 Phase	\$3419.11



BPCP1XPHS1	1 HP Centrifugal Pump	\$1450.89
BPCP1XPHS15	1-1/2 HP Centrifugal Pump	\$1642.33
BPSSHM2	2 HP 4 Stage Centrifugal Pump	\$2929.11
BPSSHM23	2 HP 4 Stage Centrifugal Pump 3 PH	\$3355.00



GJRS5	1/2 HP Jet Pump	\$948.86
GJ5SH	1/2 HP Jet Pump	\$1161.69
GJ7S	3/4 HP Jet Pump	\$1415.90
GJ10S	1 HP Jet Pump	\$1540.06
GJ15S	1-1/2 HP Jet Pump	\$1847.48



All prices subject to change without notice

4" SUBMERSIBLE

Myers®



MYSP050	Predator 5 GPM 1/2 HP Sub	\$1812.23
MYSP0507	Predator 5 GPM 3/4 HP Sub	\$2109.42
MYSP0510	Predator 5 GPM 1 HP Sub	\$2288.12
MYSP0515	Predator 5 GPM 1-1/2 HP Sub	\$3047.57
MYSP0805	Predator 8 GPM 1/2 HP Sub	\$1705.39
MYSP0807	Predator 8 GPM 3/4 HP Sub	\$2058.91
MYSP0810	Predator 8 GPM 1 HP Sub	\$2245.37
MYSP0815	Predator 8 GPM 1-1/2 HP Sub	\$2932.97
MYSP1205	Predator 12 GPM 1/2 HP Sub	\$1645.18
MYSP1207	Predator 12 GPM 3/4 HP Sub	\$1893.80
MYSP1210	Predator 12 GPM 1 HP Sub	\$2231.78
MYSP1215	Predator 12 GPM 1-1/2 HP Sub	\$2835.84
MYSP2005	Predator 20 GPM 1/2 HP Sub	\$1671.44
MYSP2007	Predator 20 GPM 3/4 HP Sub	\$1911.28
MYSP2010	Predator 20 GPM 1 HP Sub	\$2072.37
MYSP2015	Predator 20 GPM 1-1/2 HP Sub	\$2783.42
MYSP2510	Predator 25 GPM 1 HP Sub	\$2391.03
MYSP2515	Predator 25 GPM 1-1/2 HP Sub	\$2777.58

GOULDS PUMPS






G5GS05	1/2 HP 5 GPM Sub	\$1783.43
G7GS05	1/2 HP 7 GPM Sub	\$1638.09
G10GS05	1/2 HP 10 GPM Sub	\$1342.50
G13GS05	1/2 HP 13 GPM Sub	\$1468.13
G5GS07	3/4 HP 5 GPM Sub	\$2027.30
G7GS07	3/4 HP 7 GPM Sub	\$1638.09
G10GS07	3/4 HP 10 GPM Sub	\$1687.36
G13GS07	3/4 HP 13 GPM Sub	\$1647.95
G18GS07	3/4 HP 18 GPM Sub	\$1773.58
G5GS10	1 HP 5 GPM Sub	\$2458.37
G7GS10	1 HP 7 GPM Sub	\$2248.99
G10GS10	1 HP 10 GPM Sub	\$1931.23
G13GS10	1 HP 13 GPM Sub	\$1990.35
G18GS10	1 HP 18 GPM Sub	\$1970.64
G25GS10	1 HP 25 GPM Sub	\$1909.06

All prices subject to change without notice

MOTORS & ACCESSORIES

	MYSM052	1/2 HP 2 Wire Pentek	\$932.64
	MYSM072	3/4 HP 2 Wire Pentek	\$1125.02
	MYSM102	1 HP 2 Wire Pentek	\$1206.57
	MYSM053	1/2 HP 3 Wire Pentek	\$800.83
	MYSM073	3/4 HP 3 Wire Pentek	\$961.00
	MYSM103	1 HP 3 Wire Pentek	\$1001.56
	MYSM153	1-1/2 HP 3 Wire Pentek	\$1472.85
	MYSM203	2 HP 3 Wire Pentek	\$1486.87
	MYCB05	1/2 HP Control Box Pentek	\$170.72
	MYCB07	3/4 HP Control Box Pentek	\$178.38
	MYCB10	1 HP Control Box Pentek	\$187.29
	MYCB15	1-1/2 HP Control Box Pentek	\$267.56
	MYCB20	2 HP Control Box Pentek	\$420.46
	MYCB30	3 HP Control Box Pentek	\$517.29
	MYCB50	5 HP Control Box Pentek	\$747.89
	MYSPP231	Pentek Sub Pump Protector 1/2 to1 HP	\$445.93
	MYSPP233	Pentek Sub Pump Protector 1/2-3HP	\$773.75
	MYSPP233p	Pentek Sub Pump Protector 1/3- 1-1/2HP	\$550.41
	MCB05	1/2 HP Control Box Franklin Electric	\$148.86
	MCB07	3/4 HP Control Box Franklin Electric	\$159.71
	MCB10	1 HP Control Box Franklin Electric	\$165.91
	MCB15	1-1/2 HP Control Box Franklin Electric	\$226.39
	MCB20	2 HP Control Box Franklin Electric	\$384.55
	MML42	2 WR Motor Lead	\$54.18
	MML43	3 WR Motor Lead	\$56.13
	MPTQD	Pump Tec QD 1 HP	\$364.58
	MPT	Pump Tec 1-1/2 HP	\$524.82
	MPTP	Pump Tec Plus 5	\$954.98

INTELLI DRIVE

	MYPID10	Pentek Intelli Drive 1PH 1/2-1HP	\$2744.39
	MYPID20	Pentek Intelli Drive 1PH 1-2HP	\$3224.73
	MYPID30	Pentek Intelli Drive 3HP	\$4896.35
	MYPID50	Pentek Intelli Drive 3PH 5HP	\$5614.17
	MYVFD10TCB	Pentek Transducer Cable 10'	\$129.96
	MYVFD50TCB	Pentek Transducer Cable 50'	\$412.80
	MYVFD100TCB	Pentek Transducer Cable 100'	\$597.53
	MYVFDT	Pentek Transducer 0-100 PSI	\$391.15
	MYVFDALT	Pentek VFD Alternating Panel	\$1144.14
	MYVFDGALN	Pentek Surge Arrestor Line Side	\$243.56
	MYVFDLINK	Pentek Link2o Wireless Translator	\$750.30
	MYVFDWS	Pentek VFD-WS Moisture Sensor	\$296.09

All prices subject to change without notice

Myers®



MYMS33V1	1/3 HP Sump Pump Vert Float	\$370.38
MYMCI033	1/3 HP CI Sump Pump Vert Float	\$547.78
MYME40MC-1	4/10 HP Effluent Pump CI	\$882.87
MYME4511	1/2 HP Effluent Pump 115V	\$979.19
MYME50S11	1/2 HP Effluent Pump 115V	\$2090.80
MYME50S21	1/2 HP Effluent Pump 230V	\$2090.80
MYME75S21	3/4 HP Effluent Pump 230V	\$2526.23
MYME100S21	1 HP Effluent Pump 230V	\$2911.47
MYME150S21	1-1/2 HP Effluent Pump 230V	\$3017.82
MYMW5011	1/2 HP Sewage Pump 115V	\$1514.93
MYMW5021	1/2 HP Sewage Pump 230V	\$1514.93
MYMW10021	1 HP Sewage Pump 230V	\$2789.07
MYMW15021	1-1/2 HP Sewage Pump 230V	\$2867.33
MYMW20021	2 HP Sewage Pump 230V	\$2949.59
MYMWH5021	1/2 HP High Head Sewage Pump 230V	\$2437.93
MYWHR511C	1/2 HP Sewage Pump 115V	\$2126.91
MYWHR1021	1 HP Sewage Pump 230V	\$2904.93
MYWHR5H11	1/2 HP High Head Sewage Pump 115V	\$2437.93
MYWHR5H21	1/2 HP High Head Sewage Pump 230V	\$2437.93
MYWHR10H21	1 HP High Head Sewage Pump 230V	\$2833.22
MYWHR15H21	1-1/2 HP High Head Sewage Pump 230V	\$2927.52
MYWHR20H21	2 HP High Head Sewage Pump 230V	\$3142.21
MYVR10	1 HP VR Grinder 115V, 230V	\$3137.33
MYVR20	2 HP VR Grinder 230V	\$4450.67
MY10MD05	1/2 HP 10 GPM Effluent Submersible	\$995.00
MY20MD05	1/2 HP 20 GPM Effluent Submersible	\$995.00

GOULDS PUMPS



GLSP0311	1/3 HP Sump Pump	\$
GLSP0711	3/4 HP Sump Pump	\$
GEP0411AC	4/10 HP Effluent	\$866.10
GEP0511AC	1/2 HP Effluent	\$960.69
GWE0311MC	1/3 HP Effluent 230V	\$
GWE0511HC	1/2 HP Effluent 115V	\$
GWE0511HHC	1/2 HP Effluent 115V High Head	\$
GWE07H	3/4 HP Effluent 230V	\$
GWE1012HC	1 HP Effluent 230V	\$
GWE1512HC	1-1/2 HP Effluent 230V	\$
GWW0511AC	1/2 HP Sewage	\$
GWS0511B	1/2 HP Sewage 115V	\$
GWS0712B	3/4 HP Sewage 230V	\$
GWS1012B	1 HP Sewage 230V	\$

All prices subject to change without notice

PUMP ACCESSORIES



PG100	0-100 2" Dry Pressure Gauge	\$7.91
PG100G	0-100 2" Liquid Pressure Gauge	\$12.74
PG100BG	0-100 2" Liquid Pressure Gauge Back Mount	\$13.28
PG2560G	0-60 2-1/2" Liquid Pressure Gauge	\$21.80
PG25100G	0-100 2-1/2" Liquid Pressure Gauge	\$21.80
PG25160G	0-160 2-1/2" Liquid Pressure Gauge	\$21.80
PG25200G	0-200 2-1/2" Liquid Pressure Gauge	\$21.80
PGV2530	30-0 HG 2-1/2" Liquid Vacuum Gauge	\$21.80
PGS	Pressure Gauge Snubber	\$7.58
PSWR	Reverse Act Pressure Switch	\$104.89
PSGHG	Pressure Switch 80-100 PSI GHG	\$219.73
PSGSG	Pressure Switch 40-60 PSI GSG	\$219.73
PSFSG	Pressure Switch 30-50 PSI/ 40-60 PSI	\$5694
PSFSGM4	Pressure Switch Low Level 30-50 PSI	\$74.50
W124TWU	12/4 TWU Pump Cable Per Foot	\$2.66
W104TWU	10/4 TWU Pump Cable Per Foot	\$4.85
W84TWU	8/4 TWU Pump Cable Per Foot	\$7.56
W64TWU	6/4 TWU Pump Cable Per Foot	\$12.38
W44TWU	4/4 TWU Pump Cable Per Foot	\$17.40
HS4	Heat Shrink #4,14,10	\$4.78
HS84	Heat Shrink #8	\$15.74
HS64	Heat Shrink #6	\$19.11
HS44	Heat Shrink #4	\$24.11
TA48	BLK Torque Arrestor	\$21.74
ROPE	5/16" Poly Rope	\$17.00/C
RH	Rope Hanger	\$49.65
TT10	1" Tank Tee 13"	\$67.31
TT10U	1 Tank Tee Union 13"	\$81.41
TT10US	1" Tank Tee Union SS 13"	\$109.56
TT10S	1" Tank Tee Short 4-1/2"	\$44.30
TT12	1-1/4" Tank Tee 13"	\$121.82
TT12S	1-1/4" Tank Tee Short	\$61.90
TT12U	1-1/4" Tank Tee Union 13"	\$124.10
TT12US	1-1/4" Tank Tee Union SS 13"	\$136.05
TTM12	1-1/4" Constant Pressure Manifold	\$113.56
TTM20	2" Constant Pressure Manifold	\$240.72
TTMB	1-1/4" Constant Pressure Manifold Bracket	\$44.38
TTMB20	2" Constant Pressure Manifold Bracket	\$65.06
DC10	1" PVC Drop Coupler	\$9.81
DC12	1-1/4" PVC Drop Coupler	\$10.99
DC20	2" PVC Drop Coupler	\$16.90
DCS10	1" S.S. Drop Coupler	\$19.70
DCS12	1-1/4" S.S. Drop Coupler	\$23.09
DCS20	2" S.S. Drop Coupler	\$34.41
SSMAXL100	1" S.S MA X-Long	\$26.30
SSMAXL125100	1-1/4" x 1" S.S MA X-Long	\$27.88
SSMAXL125	1-1/4" S.S MA X-Long	\$30.60

All prices subject to change without notice

PUMP ACCESSORIES



PA1I	1" Pitless Adapter	\$180.10
PA12I	1-1/4" Pitless Adapter	\$266.64
PA20I	2" Pitless Adapter	\$675.84
PA2M	2" MAASS Pitless Adapter	\$864.26
WC6WT	6" Well Cap Watertite WTC-A06	\$83.32
WC8WT	8" Well Cap Watertite WTCL-A08	\$189.02
WSP4010	4x1 Plastic Well Seal	\$30.47
WSP4012	4x1-1/4 Plastic Well Seal	\$30.47
WS6010	6" Well Seal 1"	\$105.05
WS6012	6" Well Seal 1-1/4"	\$116.29
WSG	Well Seal Grommet Kit	\$6.15
WP1230	1-1/4" x 3/4" Well Point	\$95.86
YH0720	2' Bury Yard Hydrant	\$212.50
MS100	#100 Mechanical Seal 5/8"	\$12.82
MS200	#200 Mechanical Seal 5/8"	\$12.82
HUDSON05	1/2" Hudson Float Valve	\$76.65
HUDSON10	1" Hudson Float Valve	\$76.65
HUDSONB03	Hudson Valve Mounting Bracket	\$44.50
MADISON	Madison Float Valve	\$120.46
BFV07	3/4" Bronze Float Valve	\$27.91
BFVR	1/4" Rod for Float Valve	\$5.82
BFVP6	6" Plastic Float	\$11.55
SM05	Lakos 1/2" Sandmaster 5-10GPM	\$1118.00
SM07	Lakos 3/4" Sandmaster 10-20GPM	\$1152.00
SM10	Lakos 1" Sandmaster 20-32GPM	\$1276.00
SMS05	Lakos 1/2" Stainless Steel Sandmaster 5-10GPM	\$1850.00
SMS07	Lakos 3/4" Stainless Steel Sandmaster 10-20GPM	\$1965.00
SMS10	Lakos 1" Stainless Steel Sandmaster 20-32GPM	\$2165.00
HP	Cast Iron Hand Pump	\$108.37



All prices subject to change without notice

CHECK VALVES



VCIO05	1/2" Brass Check Valve Import	\$17.19
VCIO07	3/4" Brass Check Valve Import	\$23.21
VCIO10	1" Brass Check Valve Import	\$32.13
VCIO12	1-1/4" Brass Check Valve Import	\$44.04
VCIO15	1-1/2" Brass Check Valve Import	\$61.64
VCIO20	2" Brass Check Valve Import	\$100.56
VCBS005	1/2" Brass Swing Check	\$11.23
VCBS007	3/4" Brass Swing Check	\$14.60
VCBS010	1" Brass Swing Check	\$19.62
VCBS012	1-1/4" Brass Swing Check	\$33.03
VCBS015	1-1/2" Brass Swing Check	\$42.82
VCBS020	2" Brass Swing Check	\$69.84
VCB005	1/2" Flomatic 80E Check Valve	\$72.91
VCB007	3/4" Flomatic 80E Check Valve	\$74.08
VCB010	1" Flomatic 80E Check Valve	\$78.28
VCB012	1-1/4" Flomatic 80E Check Valve	\$106.69
VCB015	1-1/2" Flomatic 80E Check Valve	\$151.63
VCB020	2" Flomatic 80E Check Valve	\$240.28
VCDI010	1" Flomatic 80DI Check Valve	\$49.25
VCDI020	2" Flomatic 80DI Check Valve	\$174.96
VCDI025	2-1/2" Flomatic 80DI Check Valve	\$416.40
VCD1030	3" Flomatic 80DI Check Valve	\$591.36
VCD1040	4" Flomatic 80DI Check Valve	\$908.63
VCD1060X	6" Flomatic 80DIX Check Valve	\$2108.85



FOOT VALVES



VFB012	1-1/4" Flomatic 60 SE Foot Valve	\$86.72
VFB015	1-1/2" Flomatic 60 SE Foot Valve	\$143.75
VFB020	2" Flomatic 60 SE Foot Valve	\$228.10
VFD1030	3" Flomatic 63 SP Foot Valve	\$531.83
VFD1040	4" Flomatic 63 SP Foot Valve	\$634.02
VFP005	1/2" Flomatic 193D Plastic Foot Valve	\$51.93
VFP007	3/4" Flomatic 104P Nylon Foot Valve	\$51.93
VFP010	1" Flomatic 104P Nylon Foot Valve	\$35.77
VFP012	1-1/4" Flomatic 104P Nylon Foot Valve	\$42.53
VFPI015	1-1/2" PVC Foot Valve Import	\$29.54
VFPI020	2" PVC Foot Valve Import	\$35.92
VFPI030	3" PVC Foot Valve Import	\$145.64
VFPI040	4" PVC Foot Valve Import	\$257.50
VFC1030	3" Monarch Cast Iron Flapper Foot Valve	\$248.93
VFC1040	4" Monarch Cast Iron Flapper Foot Valve	\$277.20
VFC1060	6" Monarch Cast Iron Flapper Foot Valve	\$580.80
VFC1080	8" Monarch Cast Iron Flapper Foot Valve	\$1325.81



All prices subject to change without notice

MISC VALVES



VBC20T	2" Plastic Ball Check	\$196.58
VBC20CI	2" C.I. Ball Check 208Y	\$336.17
VSP020	2" Plated Strainer	\$32.97
VSP030	3" Plated Strainer	\$46.27
VSP040	4" Plated Strainer	\$73.51
VD007	3/4" Dole Vale 1-11.5 GPM	\$84.41
VD010	1" Dole Vale 1-30 GPM	\$99.35
VPRV0051	1/2" Pressure Relief Valve	\$17.30
VPRV0071	3/4" Pressure Relief Valve	\$18.70
VPRVW05	1/2" 530 Watts Pressure Relief Valve	\$86.65
VPRVW07	3/4" 530 Watts Pressure Relief Valve	\$92.72
VPRV010	1" Morrill Pressure Relief Valve	\$285.75
VSV1	Snifter Valve	\$5.76

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CHEMICALS



CIRON	Iron Out 1lbs	\$12.18
CIRON2	Iron Out 5lbs	\$44.10
CRU	Res-up 1 Gal	\$48.99
CPOT10	Potassium Perm 5lbs	\$97.00
CCL	Chlorine Pellets 3.51lbs	\$79.35

FILTERS



FH10	Standard Filter Housing 10"	\$53.76
FH20	Standard Filter Housing 20"	\$95.85
FHBB	Big Blue Filter Housing 10"	\$77.84
FH20BB	Big Blue Filter Housing 20"	\$111.61
FWS	Standard Filter Wrench	\$9.14
FWBB	Big Blue Filter Wrench	\$7.25
FOS	Standard Filter O Ring	\$4.55
FOBB	Big Blue Filter O Ring	\$14.91
FBS	Standard Filter Bracket	\$15.13
FBBS	Big Blue Filter Bracket	\$85.46
UVGFH10	Greenway 10" Jumbo Housing	\$155.52
UVGFH20	Greenway 20" Jumbo Housing	\$213.85

MICRO FIBER FILTER 2-1/2"



FCSP105	Spun Poly Cart 5 Micron 10"	\$4.26
FCSP110	Spun Poly Cart 10 Micron 10"	\$4.26
FCSP125	Spun Poly Cart 25 Micron 10"	\$4.26
FCSP205	Spun Poly Cart 5 Micron 20"	\$8.54
FCSP210	Spun Poly Cart 10 Micron 20"	\$8.54
FCSP225	Spun Poly Cart 25 Micron 20"	\$8.54

PLEATED FILTERS 2-1/2"



FCSI	SI Pleated Cart 20 Micron 10"	\$9.39
FCS120	SI Pleated Cart 20 Micron 20"	\$21.37

TASTE & ODOR 2-1/2"



FCC1	C1 A/C Impreg Cel 5 Micron 10"	\$15.78
FCC120	C1 A/C Impreg Cel 5 Micron 20"	\$34.14
FCNCP10	NCP A/C Impreg Pol 10 Micron 10"	\$21.09
FCNCP20	NCP A/C Impreg Pol 10 Micron 20"	\$41.31
FCEPM10	EPM A/C Block 10 Micron 10"	\$14.79

All prices subject to change without notice

BIG BLUE 20 4-1/2"



FCS110BB	S1 Pleated 20 Micron 10"	\$26.65
FCS120BB	S1 Pleated 20 Micron 20"	\$47.58
FCGSP101	Spun Poly 1 Micron 10"	\$22.14
FCGSP105	Spun Poly 5 Micron 10"	\$22.14
FCGSP201	Spun Poly 1 Micron 20"	\$44.27
FCGSP205	Spun Poly 5 Micron 20"	\$44.27
FCNCP10BB	NCP 10 Micron Pleated A/C 10"	\$49.66
FCNCP20BB	NCP 10 Micron Pleated A/C 20"	\$96.88
FCDGD250110BB	Dual Grad Poly 25-1 Micron 10"	\$28.61
FCDGD500510BB	Dual Grad Poly 50-5 Micron 10"	\$27.59
FCDGD250120BB	Dual Grad Poly 25-1 Micron 20"	\$52.91
FCDGD500520BB	Dual Grad Poly 50-5 Micron 20"	\$50.79
FCGAC10BB	GAC Grannular A/C 10"	\$59.36
FCGAC20BB	GAC Grannular A/C 20"	\$129.03
FCRFC10BB	Radial Flow A/C 10"	\$89.76
FCRFC20BB	Radial Flow A/C 20"	\$169.35
FCRFFE20BB	Radial Flow Iron 20"	\$157.16

VU FLOW



FVH10T	1" Vu Flo Housing	\$59.48
FVH15T	1-1/2" Vu Flo Housing	\$100.12
FVH20T	2" Vu Flo Housing	\$157.34
FVO10	1" O Ring Kit Vu Flo	\$7.67
FVO15	1-1/2" O Ring Kit Vu Flo	\$8.64
FVO20	2" O Ring Kit Vu Flo	\$9.53
FVE10060/10140	1" Filter 60 / 140 / 250 Mesh	\$24.41
FVE15060/15140	1-1/2" Filter 60 / 140 / 250 Mesh	\$46.12
FVE20060/20140	2" Filter 60 / 140 / 250 Mesh	\$79.22

LAKOS TWIST II CLEAN



FLT10	1" Twist II Clean 140 Mesh	\$204.41
FLT15	1 1/2" Twist II Clean 140 Mesh	\$279.20
FLT10E	1" Twist II Clean Element Only 140 Mesh	\$60.26
FLT15E	1 1/2" Twist II Clean Element Only 140 Mesh	\$79.10

All prices subject to change without notice

ULTRAVIOLET LIGHTS



UVMAXC	Trojan UV Max-C	\$731.88
UVMAXD	Trojan UV Max-D	\$790.73
UVMAXE	Trojan UV Max-E	\$1,428.45
UVMAXF	Trojan UV Max-F	\$1,816.86
UVMAXDP	Trojan UV Max-D Plus	\$1,658.50
UVMAXCB	Trojan UV Max-C/D Bulb #602805	\$141.66
UVMAXEB	Trojan UV Max-E Bulb #602806	\$186.18
UVMAXFB	Trojan UV Max-F Bulb #602807	\$197.95
UVMAXCQS	Trojan UV Max-C Quartz Sleeve	\$66.34
UVGAUV12H	Greenway AUV-12H 13GPM	\$695.00
UVGUVR1220H	Greenway AUV-12H Rack System	\$1,500.68
UVGAUVL33H	Greenway AUV-12H Lamp	\$122.47
UVGAUVS330D	Greenway AUV-12H Quartz Sleeve	\$30.01
UVGAUVL89H	Greenway 15GPM NSF Lamp	\$190.63
UVGAUVL32H	Greenway GUVL-32H Lamp	\$147.71
UVGAUVS893D	Greenway GUVL-32H Quartz Sleeve	\$55.47
UVS36RL	Sterilight S36RL Lamp	\$164.89
UVS36RLS	Sterilight S36RL Quartz Sleeve	\$62.85
UVS810RL	Sterilight S810RL Lamp	\$161.98
UVS810RLS	Sterilight S810RL Quartz Sleeve	\$70.69

SPECIALTY FILTERS



WTAF10P	Provector AF-10P	\$1,802.95
WTAF13P	Provector AF-13P	\$2,272.68
WTAT15P	Tannin/Hardness AST48	\$3,311.00
WTPWS5600	Pentair 5600 SXT 30,000 Grain	\$1,107.00
WTPWS5645	Pentair 5600 SXT 45,000 Grain	\$1,350.00
WTPWS5660	Pentair 5600 SXT 60,000 Grain	\$1,565.00
WTPWS5600OSM	Pentair 5600 SXT 30,000 Grain OSM	\$1,516.00
WTPWS5645OSM	Pentair 5600 SXT 45,000 Grain OSM	\$1,830.00
WTPWS5660OSM	Pentair 5600 SXT 60,000 Grain OSM	\$2,100.00
WTRO4053H	Waterite 75 GPD RO	\$347.75
WTG9CP	A/C Filter G9-CP	\$1,053.95
WTUD30	Unidose 30GPD Injector	\$795.00

WATER TESTING



TSH	Total Hardness Test Strips	\$60.00
TSPH	PH Test Strips	\$60.00
TSCL	Chlorine Test Strips (50)	\$70.00
WTCRP009	DPD Free Chlorine Powder Packs	\$90.00

All prices subject to change without notice

ABOVE GROUND

RK400	400 Imperial Gallon Tank	57 x 55	\$870.00
RK500	500 Imperial Gallon Tank	48 x 90	\$1,040.00
RK600	600 Imperial Gallon Tank	57 x 71	\$1,075.00
RK800	800 Imperial Gallon Tank	69 x 66	\$1,250.11
RK1000	1000 Imperial Gallon Tank	68 x 82	\$1,304.00
RK1500	1500 Imperial Gallon Tank	84 x 80	\$1,675.00
RK2000	2000 Imperial Gallon Tank	84 x 106	\$2,257.00
RK3000	3000 Imperial Gallon Tank	96 x 124	\$3,491.00
RK5600	5600 Imperial Gallon Tank	123 x 139	\$6,367.00

BELOW GROUND

RKC230	230 Imperial Gallon Tank	40 x 52 x 42	\$933.00
RKC300	300 Imperial Gallon Tank	52 x 52 x 64	\$986.00
RKC300LP	300 Imperial Gallon Tank	36 x 91 x 36	\$1180.00
RKC500	500 Imperial Gallon Tank	68 x 68 x 56	\$1445.00
RKC900	900 Imperial Gallon Tank	52 x 118 x 61	\$2398.00
RK1000LP	1000 Imperial Gallon Tank	50 x 132 x 53	\$2610.00
RK1550LP	1550 Imperial Gallon Tank	68 x 154 x 56	\$3420.00

PUMP CHAMBERS

RKP150	150 Imperial Gallon Pump Chamber	42 x 55	\$845.00
RKP230	230 Imperial Gallon Pump Chamber	40 x 52 x 42	\$933.00
RKP300	300 Imperial Gallon Pump Chamber	52 x 52 x 60	\$986.00
RKP300LP	300 Imperial Gallon Pump Chamber	36 x 91 x 36	\$1180.00
RKP500	500 Imperial Gallon Pump Chamber	68 x 68 x 56	\$1445.00

SEPTIC CHAMBERS 1-2

RKS800	800 Imperial Gallon Septic Tank	52 x 118 61	\$2607.00
RKS8002	800 Imperial Gallon 2 Chamber Tank	52 x 118 61	\$2710.00
RKS100LP	1000 Imperial Gallon Septic Tank	50 x 132 x 53	\$2760.00
RKS1000LP2	1000LP Imperial Gallon 2 Chamber Tank	50 x 132 x 53	\$2825.00
RKS1250LP	1250 Imperial Gallon Septic Tank	68 x 154 59	\$3415.00
RKS1250LP2	1250 Imperial Gallonr 2 Chamber Tank	68 x 154 59	\$3525.00
RKS1400LP	1400 Imperial Gallon Septic Tank	68 x 154 59	\$3450.00
RKS1400LP2	1400 Imperial Gallon 2 Chamber Tank	68 x 154 59	\$3580.00

BRASS IMPACTS



IF20	1/2" #20 Full Circle	\$39.65
IP25	1/2" #25 Part Circle	\$44.50
IN20	#20 Nozzle	\$2.05
IF30	3/4" #30 Full Circle	\$40.50
IP35	3/4" #35 Part Circle	\$62.50
IN30	#30 Nozzle	\$2.66
IF70	1" #70 Full Circle	\$175.00
IP65	1" #65 Part Circle	\$175.00
IN70	#70 Nozzle	\$12.06
IF80	1-1/4" #80 Full Circle	\$270.00
IP85	1-1/4" #85 Part Circle	\$461.55
IN80	#80 Nozzle	\$32.00



PLASTIC IMPACTS

IMB	1/2" Rainbird Maxi Part Circle	\$32.05
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BIG GUNS



BGSR75	Big Gun SR-75	\$1,425.24
BGF75	Big Gun F-75	\$795.01
BGSR100	Big Gun SR-100	\$1,787.33
BGF100	Big Gun F-100	\$1,165.23
BGSR150	Big Gun SR-150	\$2,835.50
BGF150	Big Gun F-150	\$2,279.10
BGSR200	Big Gun SR-200	\$5,438.81
BGF200	Big Gun F-200	\$3,764.26

ROTATOR



NR33	Nelson R33 Rotator	\$35.06
NR2000	Nelson R2000 Rotator	\$22.28
NR2000RG	R2000 Road Guard	\$10.03
NR33RG	R33 Road Guard	\$14.48

CARTS



SCMINI	Mini Sprinkler Cart	\$246.10
SCMX	Maxi Sprinkler Cart	\$411.95

All prices subject to change without notice

T-JET



TJ1322	Nozzle Body x 1/4" M.P.T.	\$4.50
TJ1325	Brass Cap	\$3.63
TJ5035	50/100 Mesh Strainer	\$5.09
TJ4193A	Strainer & Check Valve	\$9.04
TJ8002	8002 Brass Tip Nozzle	\$7.30
TJ8004SS	8004 S.S. Nozzle	\$16.88
BACJ	Brass Adjustable Cone Jet	\$21.95
PACJ	Plastic Adjustable nozzle	\$10.06
SWTJ	Trigger Jet 18" Pl.	\$16.50
SWSSG	Spot Spray Gun BE.	\$31.95

SPRAYER EQUIPMENT



SHHS	Hand Held Sprayer 1.2L	\$7.40
SHHS2	Hand Held Sprayer 2L	\$8.82
SS8	Sprayer 8L	\$26.00
SBP15	Back Pack Sprayer 15L	\$88.77
SSPS16	Portable Sprayer 16L Pull Type	\$90.00
SSBE25	Braber 25 Gallon Spot Sprayer	\$250.00

SPRAYER PUMPS



SPD1	Everflo 12 VDC Pump 1GPM	\$87.00
SPD2	Everflo 12 VDC Pump 2.2 GPM	\$183.15
SPD3	Everflo 12 VDC Pump 3GPM	\$227.85
SPD5	Everflo 12 VDC Pump 5GPM	\$346.50
SP115	Delevan 115 V Pump 3GPM	\$517.40

TSURUMI



TSEPT100	4" Trash Pump 11 HP EPT-100HA	\$5,233.80
TSEPT50	2" Trash Pump 5.5 HP EPT-50HA	\$2,671.80
TSEPT80	3" Trash Pump 8 HP EPT-80HA	\$3,608.76
TSHS24	Dewatering Pump HS 2.4S-62	\$675.64
TSH37	Dewatering Pump HS 3.75-61	\$1,083.71
TSLB800	Dewatering Pump LB 800	\$1,305.31
TSLB480	Dewatering Pump LB 480	\$794.54
TSLB480A	Auto Dewatering Pump LB 480A	\$1,056.69
TSLSC	LSC Ground Drainage Pump	\$890.83
TSTE225	1" Dewatering Pump TE 2-50HA	\$969.90
TSTE250	2" Gas Pump 4 HP TE-50HA	\$1,219.28
TSTE280	3" Gas Pump 5.5 HP TE2-80HA	\$1,431.50
TSTHP	H.P. Gas Pump 5.5 HP THP-4070-HA	\$2,273.45

All prices subject to change without notice

OUTDOOR LIGHTING



BMB062-TB	Modern Bullet 6" Aluminum/Textured Black	\$86.97
BMB062-TZ	Modern Bullet 6" Aluminum/Textured Bronze	\$86.97
BMB060-TB	Straight Bullet 6" Aluminum/Textured Black	\$86.97
BMB060-TZ	Straight Bullet 6" Aluminum/Textured Bronze	\$86.97
BMB060-AB	Straight Bullet 6" Antique Bronze	\$146.20
FRF058-TB	Flood Light Aluminum/Textured Black	\$120.81
FRF058-TZ	Flood Light Aluminum/Textured Bronze	\$120.81
PSH040-TB	Path Light 4" Aluminum/Textured Black	\$92.80
PSH040-TZ	Path Light 4" Aluminum/Textured Bronze	\$92.80
PSH040-AB	Path Light 4" Antique Bronze	\$172.70
PSOH055-TB	Path Light 5-1/2" Aluminum/Textured Black	\$99.14
PSOH055-TZ	Path Light 5-1/2" Aluminum/Textured Bronze	\$99.14
PSOH055-AB	Path Light 5-1/2" Antique Bronze	\$189.35
PSOH075-TB	Path Light 7-1/2" Aluminum/Textured Black	\$115.01
PSOH075-TZ	Path Light 7-1/2" Aluminum/Textured Bronze	\$115.01
PSOH075-AB	Path Light 7-1/2" Antique Bronze	\$215.64
PSOH090-TB	Path Light 9" Aluminum/Textured Black	\$122.05
PSOH090-TZ	Path Light 9" Aluminum/Textured Bronze	\$122.05
PSOH090-AB	Path Light 9" Antique Bronze	\$248.08
DPL033-TB	Deck Post Light Aluminum/Textured Black	\$61.44
DPL033-TZ	Deck Post Light Aluminum/Textured Bronze	\$61.44
SBT048-TB	Step Light c/w Trim Aluminum/Textured Black	\$84.52
SBT048-TZ	Step Light c/w Trim Aluminum/Textured Bronze	\$84.52
SBL048-TB	Step Light c/w Louver Aluminum/Textured Black	\$84.52
SBL048-TZ	Step Light c/w Louver Aluminum/Textured Bronze	\$84.52
IGG049-CB	In Ground Black c/w Rock Guard	\$135.17
IGT049-CB	In Ground Black c/w Trim Ring	\$128.58
IGG049-AB	In Ground Antique Brass c/w Trim Ring	\$184.20
WPO055-CB	Well Light Black	\$67.60
TRI2PC100	100 Watt Transformer Plastic	\$113.74
TRSS120I	120 Watt Transformer Import	\$207.64
TRSS300I	300 Watt Transformer Import	\$279.13
TRI5SS-300	SS Transformer 300 Watt	\$432.22
TR14ST150	150 Watt Bluetooth Transformer	\$706.31
TR14ST300	300 Watt Bluetooth Transformer	\$785.00
TMA	Analog Timer	\$49.22
TMD	Digital Timer	\$118.71
PCS	Photo Cell	\$104.35
PC15	Photo Cell 15'	\$171.89

All prices subject to change without notice

OUTDOOR LIGHTING



L1007120	MR16BAB Sure Color 20 Watt	\$6.15
L107710	JC10/HX 10 Watt B1-Pin	\$5.75
L107712	JC20/HX 20 Watt B1-Pin	\$5.75
L107798	Par36 35 Watt	\$20.05
L80693	JC10 1.5 Watt LED B1-Pin	\$40.80
L80690	JC20 2.4 Watt LED B1-Pin	\$42.58
L80709	MR16 3.3 Watt LED	\$47.84
L80702	MR16 4.5 Watt LED	\$59.50
L80611	MR16 6 Watt LED	\$90.21
L80652	PAR36 5 Watt LED	\$128.45

All prices subject to change without notice

OUTDOOR LIGHTING



UC8WB	Centarus 8 Pathlight	\$388.34
UFISSWB	Fission Pathlight	\$198.08
UGAMBK	Gamma Ray Spotlight Black	\$98.17
UGAMBZ	Gamma Ray Spotlight Brown	\$98.17
UGAW	Gateway Light Logic Plus	\$253.13
UGWPC	Gateway Power Control Unit	\$259.30
UHUB	Unique Small Hub	\$64.52
UINTWB	Intrepid Spotlight	\$193.16
UL6WB	Lacner 6 Pathlight	\$272.33
ULMR164	MR16 4 Watt LED	\$31.60
ULT31	T3 1 Watt LED Micron 27K	\$25.27
UNU18BK	Neutron Pathlight Black	\$124.92
UNU18BZ	Neutron Pathlight Brown	\$124.92
UPOSIWB	Positron Spotlight	\$141.27
UPROBWB	Probe Potlight	\$323.66
URADIWB	Radiance Floodlight	\$212.71
URIONWB	Ion Dome Light	\$144.50
UT060PL	Unique 60 Watt Palstic Transformer	\$138.10
Ut150	Unique 150 Watt SS Transformer	\$476.02
UT300	Unique 300 Watt SS Transformer	\$672.27

SMART LOGIC® Cloud Based Landscape Control System

The SMRT LOGIC® system offers a convenient way to automate your low voltage lighting and other landscape features – all in an easy-to-install wireless system. Best of all, it installs into new or existing lighting systems.



All prices subject to change without notice

OUTDOOR LIGHTING



APIGM	AP MODESTO IN GROUND LIGHT 954021	\$121.17
APPLQ	AP QUINCEY BRASS PATH LIGHT 954030	\$174.40
APPLB	AP BOSTON BRASS PATH LIGHT 954029	\$158.06
APULM	AP MIAMI BRASS UPLIGHT 954006	\$119.33
APUWA	AP AUGUSTA UNDERWATER LIGHT 954043	\$179.31
APWLA	AP ATLANTA WALL LIGHT 954000	\$73.22
APPLAB	AP BROOKLINE ALUM. PATH LIGHT 954001	\$114.02
APLMR16	AP MR16 2 WATT 3000K 305208	\$31.30
APLG4	AP G4 3 WATT 3000K 305070-300K	\$272.33

FRICION LOSS CHARTS



CLASS 160 PVC IPS PLASTIC PIPE														
ASTM D-2241 (1120, 1220) SDR 26 C=150 • PSI loss per 100 ft. of pipe														
Nominal Size	1/2"		3/4"		1"		1 1/4"		1 1/2"		2"		3"	
Avg. ID	0.825	0.840	0.978	1.060	1.075	1.312	1.384	1.584	1.784	2.078	2.385	2.706	3.200	4.184
Pipe ID	0.840	0.855	1.000	1.085	1.100	1.340	1.415	1.620	1.820	2.115	2.425	2.750	3.250	4.240
Avg. Wall	0.017	0.015	0.012	0.010	0.010	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014	0.014
Min. Wall	0.012	0.010	0.008	0.007	0.007	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010	0.010
Flow (GPM)	Velocity FPS	PSI Loss	Velocity FPS	PSI Loss	Velocity FPS	PSI Loss	Velocity FPS	PSI Loss	Velocity FPS	PSI Loss	Velocity FPS	PSI Loss	Velocity FPS	PSI Loss
1	0.84	0.25	0.40	0.07	0.30	0.02	0.10	0.01	0.14	0.00				
2	1.68	0.80	0.90	0.24	0.50	0.07	0.36	0.02	0.27	0.01	0.17	0.00		
3	2.53	1.80	1.40	0.52	0.80	0.15	0.54	0.04	0.48	0.02	0.26	0.01		
4	3.37	3.24	1.67	0.88	1.10	0.25	0.71	0.07	0.54	0.04	0.35	0.01	0.24	0.00
5	4.21	4.88	2.45	1.33	1.48	0.38	0.88	0.11	0.68	0.06	0.43	0.02	0.29	0.01
6	5.05	6.86	2.96	1.85	1.77	0.54	1.07	0.16	0.88	0.08	0.52	0.03	0.35	0.01
7	5.90	9.12	3.45	2.47	2.07	0.71	1.25	0.21	1.05	0.11	0.60	0.04	0.44	0.01
8	6.74	11.68	3.94	3.17	2.36	0.94	1.43	0.27	1.08	0.14	0.68	0.05	0.47	0.02
9	7.58	14.53	4.43	3.84	2.66	1.14	1.61	0.33	1.22	0.17	0.78	0.06	0.53	0.02
10	8.42	17.66	4.93	4.78	2.96	1.39	1.78	0.40	1.36	0.21	0.86	0.07	0.59	0.03
12	10.11	24.75	5.91	6.71	3.55	1.94	2.14	0.57	1.63	0.30	1.04	0.10	0.71	0.04
14	11.79	32.93	6.90	8.93	4.14	2.58	2.50	0.76	1.80	0.38	1.21	0.13	0.82	0.05
16	13.48	42.16	7.88	11.44	4.73	3.30	2.86	0.97	2.07	0.50	1.38	0.17	0.94	0.06
18	15.16	52.44	8.87	14.23	5.32	4.10	3.21	1.20	2.44	0.62	1.55	0.21	1.06	0.08
20			9.85	17.29	5.91	4.99	3.57	1.46	2.71	0.75	1.73	0.25	1.18	0.10
22			10.84	20.63	6.50	5.95	3.93	1.74	2.88	0.80	1.90	0.30	1.29	0.12
24			11.82	24.24	7.09	6.99	4.28	2.05	3.25	1.05	2.07	0.35	1.41	0.14
26			12.81	28.11	7.68	8.11	4.64	2.38	3.53	1.22	2.25	0.41	1.53	0.16
28			13.80	32.25	8.27	9.30	5.00	2.73	3.80	1.40	2.42	0.47	1.65	0.18
30			14.78	36.64	8.87	10.57	5.35	3.10	4.07	1.58	2.59	0.53	1.76	0.21
32					9.46	11.91	5.71	3.49	4.34	1.78	2.76	0.60	1.88	0.23
34					10.05	13.32	6.07	3.91	4.61	2.01	2.94	0.67	2.00	0.26
36					10.64	14.81	6.42	4.34	4.88	2.23	3.11	0.74	2.12	0.28
38					11.23	16.37	6.78	4.80	5.15	2.46	3.28	0.82	2.23	0.32
40					11.82	18.00	7.14	5.28	5.43	2.71	3.45	0.89	2.35	0.35
42					12.41	19.70	7.50	5.78	5.70	2.97	3.63	0.88	2.47	0.39
44					13.00	21.47	7.85	6.30	5.97	3.23	3.80	1.08	2.59	0.42
46					13.59	23.32	8.21	6.84	6.24	3.51	3.97	1.17	2.70	0.46
48					14.18	25.23	8.57	7.40	6.51	3.80	4.15	1.27	2.82	0.50
50					14.78	27.21	8.92	7.98	6.78	4.10	4.32	1.37	2.94	0.53
55							9.82	9.52	7.46	4.89	4.75	1.63	3.23	0.64
60							10.71	11.18	8.14	5.74	5.18	1.91	3.53	0.75
66							11.60	12.97	8.82	6.66	5.62	2.22	3.82	0.87
70							12.49	14.88	9.50	7.64	6.05	2.55	4.11	1.00
75							13.38	16.90	10.18	8.68	6.48	2.89	4.41	1.13
80							14.28	19.05	10.86	9.78	6.91	3.26	4.70	1.28
85									11.53	10.94	7.34	3.65	4.99	1.43
90									12.21	12.16	7.78	4.06	5.29	1.59
95									12.89	13.45	8.21	4.48	5.58	1.76
100									13.57	14.79	8.64	4.93	5.88	1.93
110									14.93	17.64	9.50	5.88	6.46	2.30
120											10.37	6.91	7.05	2.71
130											11.23	8.02	7.64	3.14
140											12.10	9.20	8.23	3.60
150											12.96	10.45	8.81	4.09
160											13.82	11.77	9.40	4.61
170											14.69	13.17	9.99	5.16
180													10.58	5.73
190													11.16	6.34
200													11.75	6.97
220											12.93	8.31	8.71	3.18
240											14.10	9.77	9.50	3.74
260													10.29	4.33
280													11.09	4.97
300													11.88	5.65
320													12.67	6.37
340													13.46	7.12
350													14.25	7.92
380														9.07
400														9.55
420														10.03
440														10.50
460														10.98
480														11.46
500														11.94

Notes: Shaded area represents velocities over 5 fps. Use with caution where water hammer is a concern.

All prices subject to change without notice

FRICITION LOSS CHARTS



PUMPS & IRRIGATION INC.

CLASS 200 PVC IPS PLASTIC PIPE																	
ASTM D-2241 (1120, 1220)		SDR 21		C=150 - PSI loss per 100 ft. of pipe													
Nominal Size	Class 200	12"	16"	20"	24"	30"	36"	42"	48"	54"	60"	72"	84"	96"	108"	120"	
Avg. ID	3.840	5.000	6.625	8.625	11.312	14.625	18.625	23.375	28.875	35.125	42.125	49.875	58.375	67.625	77.625	88.375	
Pipe OD	4.000	5.312	7.062	9.187	11.937	15.375	19.500	24.312	29.812	35.812	42.312	49.312	56.812	64.812	73.312	82.312	
Avg. Wall	0.080	0.156	0.219	0.281	0.359	0.444	0.536	0.634	0.738	0.848	0.964	1.086	1.214	1.348	1.488	1.634	
Min. Wall	0.072	0.140	0.191	0.243	0.306	0.375	0.450	0.531	0.618	0.712	0.812	0.918	1.030	1.148	1.272	1.402	
Flow (GPM)	Velocity FPS	Flow GPM	Velocity FPS	Flow GPM	Velocity FPS	Flow GPM	Velocity FPS	Flow GPM	Velocity FPS	Flow GPM	Velocity FPS	Flow GPM	Velocity FPS	Flow GPM	Velocity FPS	Flow GPM	Velocity FPS
1	0.04	0.25	0.40	0.57	0.70	0.82	0.94	1.06	1.18	1.30	1.42	1.54	1.66	1.78	1.90	2.02	
2	1.68	0.80	0.98	1.24	1.50	1.76	2.02	2.28	2.54	2.80	3.06	3.32	3.58	3.84	4.10	4.36	
3	2.53	1.00	1.25	1.56	1.92	2.28	2.64	3.00	3.36	3.72	4.08	4.44	4.80	5.16	5.52	5.88	
4	3.37	1.24	1.57	1.98	2.49	3.00	3.51	4.02	4.53	5.04	5.55	6.06	6.57	7.08	7.59	8.10	
5	4.21	1.48	1.85	2.36	2.97	3.58	4.19	4.80	5.41	6.02	6.63	7.24	7.85	8.46	9.07	9.68	
6	5.05	1.72	2.19	2.80	3.41	4.02	4.63	5.24	5.85	6.46	7.07	7.68	8.29	8.90	9.51	10.12	
7	5.90	1.96	2.43	3.04	3.65	4.26	4.87	5.48	6.09	6.70	7.31	7.92	8.53	9.14	9.75	10.36	
8	6.74	2.20	2.67	3.28	3.89	4.50	5.11	5.72	6.33	6.94	7.55	8.16	8.77	9.38	9.99	10.60	
9	7.58	2.44	2.91	3.52	4.13	4.74	5.35	5.96	6.57	7.18	7.79	8.40	9.01	9.62	10.23	10.84	
10	8.42	2.68	3.15	3.76	4.37	4.98	5.59	6.20	6.81	7.42	8.03	8.64	9.25	9.86	10.47	11.08	
12	10.11	3.16	3.63	4.24	4.85	5.46	6.07	6.68	7.29	7.90	8.51	9.12	9.73	10.34	10.95	11.56	
14	11.70	3.64	4.11	4.72	5.33	5.94	6.55	7.16	7.77	8.38	8.99	9.60	10.21	10.82	11.43	12.04	
16	13.48	4.12	4.59	5.20	5.81	6.42	7.03	7.64	8.25	8.86	9.47	10.08	10.69	11.30	11.91	12.52	
18	15.16	4.60	5.07	5.68	6.29	6.90	7.51	8.12	8.73	9.34	9.95	10.56	11.17	11.78	12.39	13.00	
20		5.08	5.55	6.16	6.77	7.38	7.99	8.60	9.21	9.82	10.43	11.04	11.65	12.26	12.87	13.48	
22		5.56	6.03	6.64	7.25	7.86	8.47	9.08	9.69	10.30	10.91	11.52	12.13	12.74	13.35	13.96	
24		6.04	6.51	7.12	7.73	8.34	8.95	9.56	10.17	10.78	11.39	12.00	12.61	13.22	13.83	14.44	
26		6.52	6.99	7.60	8.21	8.82	9.43	10.04	10.65	11.26	11.87	12.48	13.09	13.70	14.31	14.92	
28		7.00	7.47	8.08	8.69	9.30	9.91	10.52	11.13	11.74	12.35	12.96	13.57	14.18	14.79	15.40	
30		7.48	7.95	8.56	9.17	9.78	10.39	11.00	11.61	12.22	12.83	13.44	14.05	14.66	15.27	15.88	
32		7.96	8.43	9.04	9.65	10.26	10.87	11.48	12.09	12.70	13.31	13.92	14.53	15.14	15.75	16.36	
34		8.44	8.91	9.52	10.13	10.74	11.35	11.96	12.57	13.18	13.79	14.40	15.01	15.62	16.23	16.84	
36		8.92	9.39	10.00	10.61	11.22	11.83	12.44	13.05	13.66	14.27	14.88	15.49	16.10	16.71	17.32	
38		9.40	9.87	10.48	11.09	11.70	12.31	12.92	13.53	14.14	14.75	15.36	15.97	16.58	17.19	17.80	
40		9.88	10.35	10.96	11.57	12.18	12.79	13.40	14.01	14.62	15.23	15.84	16.45	17.06	17.67	18.28	
42		10.36	10.83	11.44	12.05	12.66	13.27	13.88	14.49	15.10	15.71	16.32	16.93	17.54	18.15	18.76	
44		10.84	11.31	11.92	12.53	13.14	13.75	14.36	14.97	15.58	16.19	16.80	17.41	18.02	18.63	19.24	
46		11.32	11.79	12.40	13.01	13.62	14.23	14.84	15.45	16.06	16.67	17.28	17.89	18.50	19.11	19.72	
48		11.80	12.27	12.88	13.49	14.10	14.71	15.32	15.93	16.54	17.15	17.76	18.37	18.98	19.59	20.20	
50		12.28	12.75	13.36	13.97	14.58	15.19	15.80	16.41	17.02	17.63	18.24	18.85	19.46	20.07	20.68	
55		13.20	13.67	14.28	14.89	15.50	16.11	16.72	17.33	17.94	18.55	19.16	19.77	20.38	20.99	21.60	
60		14.12	14.59	15.20	15.81	16.42	17.03	17.64	18.25	18.86	19.47	20.08	20.69	21.30	21.91	22.52	
65		15.04	15.51	16.12	16.73	17.34	17.95	18.56	19.17	19.78	20.39	21.00	21.61	22.22	22.83	23.44	
70		15.96	16.43	17.04	17.65	18.26	18.87	19.48	20.09	20.70	21.31	21.92	22.53	23.14	23.75	24.36	
75		16.88	17.35	17.96	18.57	19.18	19.79	20.40	21.01	21.62	22.23	22.84	23.45	24.06	24.67	25.28	
80		17.80	18.27	18.88	19.49	20.10	20.71	21.32	21.93	22.54	23.15	23.76	24.37	24.98	25.59	26.20	
85		18.72	19.19	19.80	20.41	21.02	21.63	22.24	22.85	23.46	24.07	24.68	25.29	25.90	26.51	27.12	
90		19.64	20.11	20.72	21.33	21.94	22.55	23.16	23.77	24.38	24.99	25.60	26.21	26.82	27.43	28.04	
95		20.56	21.03	21.64	22.25	22.86	23.47	24.08	24.69	25.30	25.91	26.52	27.13	27.74	28.35	28.96	
100		21.48	21.95	22.56	23.17	23.78	24.39	25.00	25.61	26.22	26.83	27.44	28.05	28.66	29.27	29.88	
110		23.36	23.83	24.44	25.05	25.66	26.27	26.88	27.49	28.10	28.71	29.32	29.93	30.54	31.15	31.76	
120		25.24	25.71	26.32	26.93	27.54	28.15	28.76	29.37	29.98	30.59	31.20	31.81	32.42	33.03	33.64	
130		27.12	27.59	28.20	28.81	29.42	30.03	30.64	31.25	31.86	32.47	33.08	33.69	34.30	34.91	35.52	
140		29.00	29.47	30.08	30.69	31.30	31.91	32.52	33.13	33.74	34.35	34.96	35.57	36.18	36.79	37.40	
150		30.88	31.35	31.96	32.57	33.18	33.79	34.40	35.01	35.62	36.23	36.84	37.45	38.06	38.67	39.28	
160		32.76	33.23	33.84	34.45	35.06	35.67	36.28	36.89	37.50	38.11	38.72	39.33	39.94	40.55	41.16	
170		34.64	35.11	35.72	36.33	36.94	37.55	38.16	38.77	39.38	39.99	40.60	41.21	41.82	42.43	43.04	
180		36.52	36.99	37.60	38.21	38.82	39.43	40.04	40.65	41.26	41.87	42.48	43.09	43.70	44.31	44.92	
190		38.40	38.87	39.48	40.09	40.70	41.31	41.92	42.53	43.14	43.75	44.36	44.97	45.58	46.19	46.80	
200		40.28	40.75	41.36	41.97	42.58	43.19	43.80	44.41	45.02	45.63	46.24	46.85	47.46	48.07	48.68	
220		46.08	46.55	47.16	47.77	48.38	48.99	49.60	50.21	50.82	51.43	52.04	52.65	53.26	53.87	54.48	
240		51.88	52.35	52.96	53.57	54.18	54.79	55.40	56.01	56.62	57.23	57.84	58.45	59.06	59.67	60.28	
260		57.68	58.15	58.76	59.37	59.98	60.59	61.20	61.81	62.42	63.03	63.64	64.25	64.86	65.47	66.08	
280		63.48	63.95	64.56	65.17	65.78	66.39	67.00	67.61	68.22	68.83	69.44	70.05	70.66	71.27	71.88	
300		69.28	69.75	70.36	70.97	71.58	72.19	72.80	73.41	74.02	74.63	75.24	75.85	76.46	77.07	77.68	
320		75.08	75.55	76.16	76.77	77.38	77.99	78.60	79.21	79.82	80.43	81.04	81.65	82.26	82.87	83.48	
340		80.88	81.35	81.96	82.57	83.18	83.79	84.40	85.01	85.62	86.23	86.84	87.45	88.06	88.67	89.28	
360		86.68	87.15	87.76	88.37	88.98	89.59	90.20	90.81	91.42	92.03	92.64	93.25	93.86	94.47	95.08	
380		92.48	92.95	93.56	94.17	94.78	95.39	96.00	96.61	97.22	97.83	98.44	99.05	99.66	100.27	100.88	
400		98.28	98.75	99.36	99.97	100.58	101.19	101.80	102.41	103.02	103.63	104.24	104.85	105.46	106.07	106.68	
420		104.08	104.55	105.16	105.77	106.38	106.99	107.60	108.21	108.82	109.43	110.04	110.65	111.26	111.87	112.48	
440		109.88	110.35	110.96	111.57	112.18	112.79	113.40	114.01	114.62	115.23	115.84	116.45	117.06	117.67	118.28	
460		115.68	116.15	116.76	117.37	117.98	118.59	119.20	119.81	120.42	121.03	121.64	122.25	122.86	123.47	124.08	
480		121.48	121.95	122.56	123.17	123.78	124.39	125.00	125.61	126.22	126.83	127.44	128.05	128.66	129.27	129.88	
500		127.28	127.75	128.36	128.97	129.58	130.19	130.80	131.41	132.02	132.63	133.24	133.85	134.46	135.07	135.68	

Notes: Shaded area represents velocities over 5 fps. Use with caution where water hammer is a concern.

FRICITION LOSS CHARTS



SCHEDULE 40 PVC IPS PLASTIC PIPE																							
ASTM D-1785 (1120, 1220) C-150 • PSI loss per 100 ft. of pipe																							
Nominal Size	1/2"		3/4"		1"		1 1/4"		1 1/2"		2"		2 1/2"		3"		4"		5"				
	Avg ID	Wall	Avg ID	Wall	Avg ID	Wall	Avg ID	Wall	Avg ID	Wall	Avg ID	Wall	Avg ID	Wall	Avg ID	Wall	Avg ID	Wall	Avg ID	Wall			
Min. Wall	Velocity	PSI Loss	Velocity	PSI Loss	Velocity	PSI Loss	Velocity	PSI Loss	Velocity	PSI Loss	Velocity	PSI Loss	Velocity	PSI Loss	Velocity	PSI Loss	Velocity	PSI Loss	Velocity	PSI Loss	Velocity	PSI Loss	
1	1.13	0.50	0.63	0.12	0.30	0.04	0.22	0.01	0.16	0.00	0.10	0.00											
2	2.25	1.02	1.25	0.44	0.77	0.13	0.44	0.03	0.32	0.02	0.20	0.01											
3	3.38	1.55	1.80	0.84	1.15	0.28	0.56	0.07	0.48	0.03	0.28	0.01											
4	4.50	2.08	2.52	1.20	1.54	0.48	0.88	0.12	0.65	0.05	0.38	0.02	0.27	0.01									
5	5.63	2.61	3.15	1.62	1.93	0.73	1.10	0.10	0.88	0.09	0.40	0.03	0.34	0.01									
6	6.75	3.14	3.79	2.00	2.31	1.02	1.32	0.26	0.97	0.12	0.58	0.04	0.41	0.02	0.25	0.01							
7	7.88	3.67	4.42	2.42	2.70	1.36	1.54	0.35	1.13	0.15	0.68	0.05	0.48	0.02	0.31	0.01							
8	9.01	4.20	5.05	2.88	3.08	1.74	1.76	0.45	1.29	0.21	0.78	0.06	0.55	0.03	0.35	0.01							
9	10.13	4.73	5.68	3.42	3.47	2.17	1.98	0.56	1.45	0.26	0.88	0.08	0.61	0.03	0.40	0.01							
10	11.26	5.26	6.31	3.96	3.85	2.63	2.21	0.68	1.61	0.32	0.97	0.09	0.68	0.04	0.44	0.01							
12	13.51	6.14	7.57	4.62	4.62	3.00	2.55	0.85	1.94	0.44	1.17	0.13	0.82	0.05	0.53	0.02							
14	15.76	7.02	8.84	5.42	5.30	3.43	3.00	1.06	2.25	0.58	1.36	0.17	0.96	0.07	0.62	0.03							
16	18.01	7.90	10.10	6.36	6.17	3.92	3.53	1.22	2.58	0.76	1.56	0.22	1.08	0.09	0.71	0.03	0.41	0.01					
18	20.26	8.78	11.36	7.38	6.94	4.50	3.97	1.41	2.90	0.94	1.75	0.28	1.23	0.12	0.79	0.04	0.46	0.01					
20			12.62	8.46	7.71	5.11	4.44	1.61	3.23	1.14	1.95	0.33	1.36	0.16	0.88	0.05	0.51	0.01					
22			13.89	9.60	8.48	5.76	4.85	1.82	3.56	1.37	2.14	0.40	1.50	0.19	0.97	0.06	0.56	0.02					
24			15.15	10.80	9.25	6.43	5.29	2.03	3.89	1.60	2.34	0.47	1.64	0.20	1.06	0.07	0.61	0.03					
26			16.41	12.06	10.02	7.16	5.74	2.24	4.20	1.86	2.53	0.54	1.77	0.23	1.15	0.08	0.66	0.04					
28			17.67	13.32	10.79	7.93	6.18	2.45	4.52	2.13	2.73	0.62	1.91	0.26	1.23	0.09	0.71	0.05					
30			18.94	14.58	11.56	8.76	6.62	2.66	4.84	2.42	2.92	0.71	2.05	0.30	1.32	0.10	0.77	0.06					
32					12.33	9.63	7.06	5.85	5.16	2.73	3.12	0.80	2.18	0.34	1.41	0.12	0.82	0.07	0.36	0.01			
34					13.10	10.51	7.50	6.54	5.49	3.06	3.31	0.89	2.32	0.38	1.50	0.13	0.87	0.08	0.38	0.01			
36					13.87	11.40	7.94	7.27	5.81	3.40	3.50	0.99	2.46	0.42	1.59	0.14	0.92	0.09	0.40	0.01			
38					14.64	12.30	8.38	8.04	6.13	3.76	3.70	1.10	2.59	0.46	1.68	0.15	0.97	0.10	0.42	0.01			
40					15.41	13.20	8.82	8.84	6.46	4.13	3.89	1.21	2.73	0.51	1.75	0.16	1.02	0.11	0.44	0.01			
42					16.18	14.10	9.26	9.67	6.78	4.52	4.08	1.32	2.87	0.56	1.85	0.17	1.07	0.12	0.47	0.01			
44					16.95	15.00	9.71	10.54	7.10	4.93	4.28	1.44	3.00	0.61	1.94	0.18	1.12	0.13	0.49	0.01			
46					17.73	15.90	10.15	11.45	7.42	5.35	4.48	1.57	3.14	0.66	2.03	0.19	1.17	0.14	0.51	0.01			
48					18.50	16.80	10.59	12.39	7.75	5.79	4.67	1.69	3.28	0.71	2.12	0.20	1.23	0.15	0.54	0.01			
50					19.27	17.70	11.03	13.36	8.07	6.25	4.87	1.83	3.41	0.77	2.20	0.21	1.28	0.16	0.56	0.01			
55					12.13	15.94	8.88	7.45	5.36	2.18	3.75	0.92	2.42	0.32	1.40	0.18	1.02	0.13	0.52	0.01			
60					13.24	18.72	9.68	8.75	5.84	2.56	4.08	1.08	2.65	0.37	1.53	0.19	1.07	0.14	0.57	0.01			
66					14.34	21.72	10.49	10.15	6.33	2.97	4.44	1.25	2.87	0.43	1.65	0.21	1.13	0.15	0.62	0.01			
70					15.44	24.91	11.30	11.65	6.82	3.41	4.78	1.43	3.09	0.50	1.79	0.23	1.20	0.16	0.67	0.01			
75					16.54	28.31	12.10	13.23	7.30	3.87	5.12	1.63	3.31	0.56	1.91	0.25	1.28	0.17	0.72	0.01			
80					17.65	31.90	12.91	14.91	7.79	4.36	5.46	1.84	3.53	0.63	2.04	0.27	1.36	0.18	0.77	0.01			
85					13.72	16.69	8.28	4.88	5.80	2.06	3.75	0.71	2.17	0.18	1.05	0.13	0.65	0.02					
90					14.52	18.55	8.76	5.43	6.14	2.29	3.97	0.78	2.30	0.21	1.11	0.14	0.70	0.03					
95					15.33	20.50	9.25	6.00	6.48	2.53	4.18	0.87	2.42	0.23	1.17	0.15	0.75	0.04					
100					16.14	22.55	9.74	6.59	6.82	2.78	4.41	0.96	2.55	0.25	1.22	0.16	0.80	0.05					
110									10.71	7.87	7.51	3.31	4.85	1.16	2.81	0.30	1.33	0.17	0.85	0.01			
120									11.68	9.24	8.19	3.89	5.29	1.34	3.05	0.36	1.35	0.18	0.90	0.01			
130									12.66	10.72	8.87	4.52	5.73	1.56	3.32	0.41	1.45	0.19	0.95	0.01			
140									13.63	12.30	9.55	5.18	6.17	1.79	3.57	0.47	1.57	0.20	1.00	0.01			
150									14.61	13.97	10.24	5.89	6.61	2.03	3.83	0.54	1.68	0.21	1.05	0.01			
160									15.58	15.75	10.92	6.63	7.05	2.29	4.08	0.61	1.79	0.22	1.10	0.01			
170											11.60	7.42	7.50	2.56	4.34	0.68	1.91	0.23	1.15	0.01			
180											12.28	8.25	7.94	2.85	4.59	0.75	2.02	0.24	1.20	0.01			
190											12.97	9.12	8.38	3.15	4.85	0.83	2.13	0.25	1.25	0.01			
200											13.65	10.03	8.82	3.46	5.11	0.92	2.24	0.26	1.30	0.01			
220											15.01	11.96	9.70	4.13	5.62	1.09	2.47	0.28	1.35	0.01			
240											16.38	14.06	10.58	4.85	6.13	1.28	2.69	0.30	1.40	0.01			
260													11.46	5.63	6.64	1.49	2.82	0.32	1.45	0.01			
280													12.35	6.46	7.15	1.71	3.14	0.34	1.50	0.01			
300													13.23	7.34	7.66	1.94	3.37	0.36	1.55	0.01			
320													14.11	8.27	8.17	2.19	3.59	0.38	1.60	0.01			
340													14.99	9.25	8.68	2.45	3.81	0.40	1.65	0.01			
360													15.87	10.29	9.19	2.72	4.04	0.42	1.70	0.01			
380																							

FRICITION LOSS CHARTS



POLYETHYLENE PLASTIC PIPE ID CONTROLLED														
PE 3408 ASTM D 2239 C=40 - PSI loss per 100 ft. of pipe														
Nominal Size Avg. Wall	1/2" 0.6250		3/4" 0.9375		1" 1.3125		1 1/4" 1.6875		1 1/2" 2.0625		2" 2.6250		2 1/2" 3.1875	
	Velocity FPS	PSI Loss	Velocity FPS	PSI Loss	Velocity FPS	PSI Loss	Velocity FPS	PSI Loss	Velocity FPS	PSI Loss	Velocity FPS	PSI Loss	Velocity FPS	PSI Loss
1	1.05	0.40	0.60	0.12	0.37	0.04	0.20	0.01	0.16	0.00				
2	2.11	0.76	1.20	0.45	0.74	0.14	0.43	0.04	0.31	0.02	0.10	0.01		
3	3.16	3.73	1.80	0.95	1.11	0.28	0.64	0.08	0.47	0.04	0.20	0.01		
4	4.22	6.35	2.40	1.62	1.46	0.51	0.86	0.13	0.63	0.05	0.38	0.02	0.27	0.01
5	5.27	9.60	3.00	2.44	1.85	0.76	1.07	0.20	0.78	0.09	0.48	0.03	0.33	0.01
6	6.33	13.46	3.60	3.43	2.22	1.06	1.29	0.28	0.94	0.13	0.57	0.04	0.40	0.02
7	7.38	17.91	4.20	4.56	2.60	1.41	1.50	0.37	1.10	0.18	0.67	0.05	0.47	0.02
8	8.44	22.93	4.80	5.84	2.97	1.80	1.71	0.47	1.26	0.22	0.76	0.07	0.54	0.03
9	9.49	28.52	5.41	7.26	3.34	2.24	1.93	0.59	1.42	0.28	0.86	0.08	0.60	0.03
10	10.55	34.67	6.01	8.82	3.71	2.73	2.14	0.72	1.57	0.34	0.95	0.10	0.67	0.04
12			7.21	12.37	4.45	3.62	2.57	1.01	1.88	0.48	1.15	0.14	0.80	0.05
14			8.41	16.45	5.19	5.08	3.00	1.34	2.20	0.63	1.34	0.18	0.94	0.06
16			9.61	21.07	5.93	6.51	3.43	1.71	2.52	0.89	1.53	0.24	1.07	0.10
18			10.82	26.21	6.67	8.10	3.86	2.13	2.83	1.01	1.72	0.30	1.20	0.13
20			12.02	31.85	7.42	9.84	4.28	2.58	3.15	1.22	1.91	0.36	1.34	0.15
22			8.16	11.74	4.71	3.00	3.46	1.46	2.10	0.43	1.47	0.18	0.95	0.06
24			8.90	13.79	5.14	3.63	3.78	1.72	2.28	0.54	1.61	0.21	1.04	0.07
26			9.64	16.00	5.57	4.21	4.08	1.98	2.48	0.59	1.74	0.25	1.13	0.08
28			10.38	18.35	6.00	4.83	4.41	2.28	2.67	0.68	1.87	0.28	1.21	0.10
30			11.12	20.85	6.43	5.49	4.72	2.59	2.86	0.77	2.00	0.32	1.30	0.11
32			11.86	23.50	6.86	6.19	5.04	2.92	3.06	0.87	2.14	0.36	1.39	0.13
34			12.61	26.29	7.28	6.92	5.36	3.27	3.25	0.97	2.28	0.41	1.47	0.14
36					7.71	7.69	5.67	3.63	3.44	1.08	2.41	0.45	1.56	0.16
38					8.14	8.50	5.98	4.02	3.63	1.19	2.54	0.50	1.65	0.17
40					8.57	9.35	6.30	4.42	3.82	1.31	2.68	0.55	1.73	0.18
42					9.00	10.24	6.61	4.83	4.01	1.43	2.81	0.60	1.82	0.21
44					9.43	11.16	6.93	5.27	4.20	1.55	2.94	0.66	1.91	0.23
46					9.86	12.12	7.24	5.72	4.39	1.69	3.08	0.71	1.99	0.25
48					10.28	13.11	7.56	6.19	4.58	1.84	3.21	0.77	2.08	0.27
50					10.71	14.14	7.87	6.68	4.77	1.98	3.35	0.83	2.17	0.28
55					11.78	16.87	8.66	7.97	5.25	2.36	3.68	0.99	2.38	0.35
60					12.85	19.82	9.44	9.36	5.73	2.77	4.02	1.17	2.60	0.41
65							10.23	10.86	6.21	3.22	4.35	1.36	2.82	0.47
70							11.02	12.45	6.68	3.69	4.68	1.55	3.03	0.54
75							11.81	14.15	7.16	4.19	5.02	1.77	3.25	0.61
80							12.59	15.95	7.64	4.73	5.35	1.99	3.47	0.68
85							13.38	17.84	8.12	5.29	5.69	2.23	3.68	0.77
90									8.59	5.88	6.02	2.48	3.89	0.86
95									9.07	6.50	6.36	2.74	4.12	0.95
100									9.55	7.15	6.69	3.01	4.33	1.05
110									10.50	8.53	7.36	3.59	4.77	1.25
120									11.46	10.02	8.03	4.22	5.20	1.47
130									12.41	11.62	8.70	4.89	5.63	1.70
140									13.37	13.33	9.37	5.61	6.07	1.95
150											10.04	6.38	6.50	2.22
160											10.71	7.19	6.94	2.50
170											11.38	8.04	7.37	2.79
180											12.05	8.94	7.80	3.11
190											12.72	9.88	8.24	3.43
200											13.39	10.87	8.67	3.78
220													9.54	4.50
240													10.40	5.29
260													11.27	6.14
280													12.14	7.04
300													13.00	8.00
320													13.87	9.02
340														8.05
360														8.56
380														9.06
400														9.57
420														10.07
440														10.57
460														11.08
480														11.58
500														12.08

Note: Shaded area represents velocities over 5 f/ps. Use with caution where water hammer is a concern.

All prices subject to change without notice