



PRICE LIST

Effective May 15, 2021



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Filtration Products

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FITTINGS



Grayline™
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Series 2000 Clover Valve



The Series 2000 Clover Valve is an overflow valve designed to provide reliable shut-off and regulation of flow from underground pipelines to irrigation furrows or checks. The Series 2000 performs effective level and drainage control in a wide variety of applications.

Note: One Ready Set Ring will be supplied at no charge when purchased with coordinating valve. **Additional Ready Set Rings can be found within the Miscellaneous Hardware on page 56.**

Valve - Concrete

Size	Acme	Vee	Price
3"		F020-30000	32.00
3 1/2"		F020-35000	33.00
4"		F020-40000	38.00
5"		F020-50000	49.00
6"	F020-60000	F020-60001	67.00
6 1/2"		F020-65000	91.00
8"	F020-80000	F020-80001	91.00
10"	F020-10000	F020-10001	117.00
12"	F020-12000	F020-12001	162.00
14"	F020-14000		215.00
16"	F020-16000		318.00
18"	F020-18000		437.00
20"	F020-20000		505.00

Valve - PVC

Size	Acme	Vee	Price
4"		F020-40005	42.00
5" x 6"		F020-50005	64.00
6"	F020-60005	F020-60006	80.00
8"	F020-80005	F020-80006	97.00
10"	F020-10005	F020-10006	133.00
12"	F020-12005	F020-12006	188.00
14" x 15"	F020-14005		243.00
18"	F020-18005		484.00
20"	F020-20005		579.00

Valve Parts



Size	Frame Concrete	Frame PVC	Cover Complete	Packed Cover	Cover Gasket	Screw Complete	Screw	Washer	Nut
3"	13.00		28.00	9.00	2.75	19.00	16.00	2.00	2.50
Vee	F020-30140		F020-30110	F020-30120	F020-30190	F020-30130	F020-30260	F020-3080	F902-552
3 1/2"	14.00		28.00	9.25	3.25	19.00	16.00	2.00	2.50
Vee	F020-35140		F020-35110	F020-35120	F020-35190	F020-30130	F020-30260	F020-3080	F902-552
4"	15.00	21.00	37.00	12.00	3.25	19.00	16.00	2.00	2.50
Vee	F020-40140	F020-40145	F020-40110	F020-40120	F020-40190	F020-30130	F020-30260	F020-3080	F902-552
5"	16.00		37.00	13.00	5.50	23.00	19.00	2.00	2.50
Vee	F020-50140		F020-50110	F020-50120	F020-50190	F020-50130	F020-50260	F020-3080	F902-552
5" x 6"		30.00	37.00	13.00	5.50	23.00	19.00	2.00	2.50
Vee		F020-50145	F020-50110	F020-50120	F020-50190	F020-50130	F020-50260	F020-3080	F902-552
6"	28.00	33.00	49.00	18.00	6.00	29.00	26.00	2.50	3.00
Acme	F020-60140	F020-60145	F020-60110	F020-60120	F020-60190	F020-60130	F020-60260	F020-6080	F020-60270
Vee	F020-60141	F020-60146	F020-60111	F020-60121	F020-60190	F020-60131	F020-60261	F020-6081	F020-60271
6 1/2"	33.00		58.00	18.00	6.50	29.00	26.00	2.50	3.00
Vee	F020-65140		F020-65110	F020-65120	F020-65190	F020-60131	F020-60261	F020-6081	F020-60271
8"	36.00	40.00	60.00	24.00	6.50	29.00	26.00	2.50	3.00
Acme	F020-80140	F020-80145	F020-80110	F020-80120	F020-80190	F020-60130	F020-60260	F020-6080	F020-60270
Vee	F020-80141	F020-80146	F020-80111P	F020-80121P	F020-80190	F020-60131	F020-60261	F020-6081	F020-60271
10"	51.00	58.00	84.00	44.00	6.75	56.00	50.00	2.50	3.75
Acme	F020-10140	F020-10145	F020-10110	F020-10120	F020-10190	F020-10130	F020-10260	F020-1080	F020-10270
Vee	F020-10141	F020-10146	F020-10111	F020-10121P	F020-10190	F020-10131	F020-10261	F020-1080	F020-10271
12"	59.00	76.00	117.00	52.00	8.00	56.00	50.00	2.50	3.75
Acme	F020-12140	F020-12145	F020-12110	F020-12120	F020-12190	F020-10130	F020-10260	F020-1080	F020-10270
Vee	F020-12141	F020-12146	F020-12111	F020-12121P	F020-12190	F020-10131	F020-10261	F020-1080	F020-10271
14"	85.00		149.00	92.00	12.00	56.00	50.00	2.50	3.75
Acme	F020-14140		F020-14110	F020-14120	F020-14190	F020-10130	F020-10260	F020-1080	F020-10270
14" x 15"		146.00	149.00	92.00	12.00	56.00	50.00	2.50	3.75
Acme		F020-14145	F020-14110	F020-14120	F020-14190	F020-10130	F020-10260	F020-1080	F020-10270
16"	145.00		228.00	117.00	15.00	109.00	101.00	2.75	5.75
Acme	F020-16140		F028-16110	F028-16120	F020-16190	F020-16130	F020-16160	F028-1285	F020-16270
18"	171.00	231.00	267.00	156.00	21.00	109.00	101.00	2.75	5.75
Acme	F020-18140	F020-18145	F028-18110	F028-18120	F020-18190	F020-16130	F020-16160	F028-1285	F020-16270
20"	257.00	297.00	291.00	241.00	27.00	109.00	101.00	2.75	5.75
Acme	F020-20140	F020-20145	F020-20110	F020-20120	F020-20190	F020-16130	F020-16160	F028-1285	F020-16270

Series 2400 Clover Valve with SW Frame



The Series 2400 Clover Valve with the solvent weld (SW) frame is an overflow valve designed for use in the same application as our popular Clover Valves for concrete and PVC. The Series 2400 features a Schedule 80 plastic skirt for easy installation using standard PVC cement for attaching instead of epoxy. Saves valuable time and money.

IPS Valve

Size	Acme	Vee	Price
2"		F024-020-003	65.00
4"		F024-040-000	81.00
5" x 6"		F024-050-003	92.00
6"	F024-060-002	F024-060-003	109.00
8"	F024-080-002	F024-080-003	136.00
10"	F024-100-002	F024-100-003	192.00
12"	F024-120-002	F024-120-003	222.00

PIP Valve

Size	Acme	Vee	Price
5" x 6"		F024-050-001	92.00
6"	F024-060-000	F024-060-001	109.00
8"	F024-080-000	F024-080-001	136.00
10"	F024-100-000	F024-100-001	192.00
12"	F024-120-000	F024-120-001	222.00
14" x 15"	F024-140-000		312.00

Valve Parts



Size	Frame IPS	Frame PIP	Cover Complete	Packed Cover	Cover Gasket	Screw Complete	Screw	Washer	Nut
2"	28.00		37.00	12.00	3.25	19.00	16.00	2.00	2.50
Vee	F018-20247		F020-02110	F020-02120	F020-02190	F020-30130	F020-30260	F020-3080	F902-552
4"	46.00		37.00	12.00	3.25	19.00	16.00	2.00	2.50
Vee	F024-040-140		F020-40110	F020-40120	F020-40190	F020-30130	F020-30260	F020-3080	F902-552
5" x 6"	60.00	60.00	37.00	13.00	5.50	23.00	19.00	2.00	3.00
Vee	F024-050-143	F024-050-141	F020-50110	F020-50120	F020-50190	F020-50130	F020-50260	F020-3080	F020-60271
6"	63.00	63.00	49.00	18.00	6.00	29.00	26.00	2.50	3.00
Acme	F024-060-142	F024-060-140	F020-60110	F020-60120	F020-60190	F020-60130	F020-60260	F020-6080	F020-60270
Vee	F024-060-143	F024-060-141	F020-60111	F020-60121	F020-60190	F020-60131	F020-60261	F020-6081	F020-60271
8"	91.00	91.00	60.00	24.00	6.50	29.00	26.00	2.50	3.00
Acme	F024-080-142	F024-080-140	F020-80110	F020-80120	F020-80190	F020-60130	F020-60260	F020-6080	F020-60270
Vee	F024-080-143	F024-080-141	F020-80111P	F020-80121P	F020-80190	F020-60131	F020-60261	F020-6081	F020-60271
10"	120.00	120.00	84.00	44.00	6.75	56.00	50.00	2.50	3.75
Acme	F024-100-142	F024-100-140	F020-10110	F020-10120	F020-10190	F020-10130	F020-10260	F020-1080	F020-10270
Vee	F024-100-143	F024-100-141	F020-10111	F020-10121P	F020-10190	F020-10131	F020-10261	F020-6080	F020-10271
12"	136.00	136.00	117.00	52.00	8.00	56.00	50.00	2.50	3.75
Acme	F024-120-142	F024-120-140	F020-12110	F020-12120	F020-12190	F020-10130	F020-10260	F020-1080	F020-10270
Vee	F024-120-143	F024-120-141	F020-12111	F020-12121P	F020-12190	F020-10131	F020-10261	F020-6080	F020-10271
14" x 15"		259.00	149.00	92.00	12.00	56.00	50.00	2.50	3.75
Acme		F024-140-140	F020-14110	F020-14120	F020-14190	F020-10130	F020-10260	F020-1080	F020-10270

Series 2100 Orchard Valve

The Series 2100 Orchard Valve is an overflow valve designed to provide reliable shut-off and regulation of flow from concrete pipelines to irrigation furrows or checks.



Size	Part Number	Price
3-1/2" x 6" Vee	F021-35000	52.00
5" x 8" Vee	F021-50000	71.00
6-1/2" x 10" Vee	F021-65000	85.00
8" x 12" Vee	F021-80000	94.00
10" x 14" Vee	F021-10000	166.00

Valve Parts



Size	Frame	Cover Complete	Packed Cover	Cover Gasket	Screw Complete
3-1/2" x 6" Vee	24.00 F021-35240	28.00 F020-35110	9.25 F020-35120	3.25 F020-35190	19.00 F020-30130
5" x 8" Vee	35.00 F021-50240	37.00 F020-50110	13.00 F020-50120	5.50 F020-50190	23.00 F020-50130
6-1/2" x 10" Vee	40.00 F021-65240	58.00 F020-65110	18.00 F020-65120	6.50 F020-65190	29.00 F020-60131
8" x 12" Vee	44.00 F021-80240	60.00 F020-80111P	24.00 F020-80121P	6.50 F020-80190	29.00 F020-60131
10" x 14" Vee	83.00 F021-10240	84.00 F020-10111	44.00 F020-10121P	6.75 F020-10190	56.00 F020-10131



Size	Screw	Washer	Nut
3-1/2" x 6" Vee	16.00 F020-30260	2.00 F020-3080	2.50 F902-552
5" x 8" Vee	19.00 F020-50260	2.00 F020-3080	2.50 F902-552
6-1/2" x 10" Vee	26.00 F020-60261	2.50 F020-6081	3.00 F020-60271
8" x 12" Vee	26.00 F020-60261	2.50 F020-6081	3.00 F020-60271
10" x 14" Vee	50.00 F020-10261	2.50 F020-6080	3.75 F020-10271

Note: Available with Martin Thread - Special Order

Series 2300 *Grazing Valve*



The Series 2300 Grazing Valve is an overflow valve designed to provide reliable shut-off and regulation of flow from underground pipelines to irrigation furrows or checks. The stem of this valve does not project over the cover, making it less susceptible to damage or theft.

Valve - Concrete

Size	Type	Part Number	Price
3-1/2"	Vee	F023-35000	43.00
5"	Vee	F023-50000	57.00
6"	Acme	F023-60000	69.00
6-1/2"	Vee	F023-65000	70.00
8"	Acme	F023-80000	82.00
10"	Acme	F023-10000	125.00
12"	Acme	F023-12000	173.00

Valve - PVC

Size	Type	Part Number	Price
5" x 6"	Vee	F023-50005	77.00
6"	Acme	F023-60005	77.00
8"	Acme	F023-80005	96.00
10"	Acme	F023-10005	137.00
12"	Acme	F023-12005	180.00

Valve Parts



Size	Concrete Frame	PVC Frame	Cover Complete	Packed Cover	Cover Gasket
3 1/2"	14.00		34.00	11.00	3.25
Vee	F020-35140		F023-35110	F023-35120	F020-35190
5"	16.00		47.00	14.00	5.50
Vee	F020-50140		F023-50110	F023-50120	F020-50190
5" x 6"		30.00	47.00	14.00	5.50
Vee		F020-50145	F023-50110	F023-50120	F020-50190
6"	28.00	33.00	56.00	21.00	6.00
Acme	F020-60140	F020-60145	F023-60110	F023-60120	F020-60190
6 1/2"	33.00		58.00	21.00	6.00
Vee	F020-65140		F023-65110	F023-65120	F020-60190
8"	36.00	40.00	63.00	29.00	6.50
Acme	F020-80140	F020-80145	F023-80110	F023-80120	F020-80190
10"	51.00	58.00	105.00	50.00	6.75
Acme	F020-10140	F020-10145	F023-10110	F023-10120	F020-10190
12"	59.00	76.00	116.00	61.00	8.00
Acme	F020-12140	F020-12145	F023-12110	F023-12120	F020-12190



Size	Screw Complete	Screw	Washer	Nut	Key*
3 1/2"	24.00	20.00	2.00	2.50	10.00
Vee	F023-35130	F023-35260	F020-3080	F902-552	YFV023-3592
5"	24.00	20.00	2.00	2.50	10.00
Vee	F023-35130	F023-35260	F020-3080	F902-552	YFV023-3592
5" x 6"	24.00	20.00	2.00	2.50	10.00
Vee	F023-35130	F023-35260	F020-3080	F902-552	YFV023-3592
6"	34.00	30.00	2.50	3.00	15.00
Acme	F023-60130	F023-60260	F020-6080	F020-60270	YFV023-6092
6 1/2"	34.00	30.00	2.50	3.00	15.00
Vee	F023-60131	F023-60261	F020-6081	F020-60271	YFV023-6092
8"	34.00	30.00	2.50	3.00	15.00
Acme	F023-60130	F023-60260	F020-6080	F020-60270	YFV023-6092
10"	54.00	48.00	2.50	3.75	15.00
Acme	F023-10130	F023-10260	F020-1080	F020-10270	YFV023-6092
12"	54.00	48.00	2.50	3.75	15.00
Acme	F023-10130	F023-10260	F020-1080	F020-10270	YFV023-6092

***Note:** Two standard valve keys provided with purchase of ten or more valves (36" extended keys, F023-60195, available at additional price of \$115.00)

Series 2200 Valley Valve

The Series 2200 Valley Alfalfa Valve is an overflow valve which features a concave cover and either a solid or removable arch. Used in conjunction with portable universal, side clamp hydrants and gated pipe.



Valve Concrete

Size	Part Number	Price
8"	F022-80000	194.00
10"	F022-10000	246.00
12"	F022-12000	254.00
14"	F022-14000	399.00



Removable Arch PVC

Size	Part Number	Price
8"	F022-80005	215.00
10"	F022-10005	274.00
12"	F022-12005	318.00
14"	F022-14005	443.00



Solid Arch PVC

Size	Part Number	Price
8"	F022-80007	177.00
10"	F022-10007	215.00
12"	F022-12007	261.00

Valve Parts



Size	Frame Concrete	Frame Removable Arch PVC	Frame Solid Arch PVC	Spider w/Latch	Latch & Pin	Cover Complete
8"	103.00 F028-80240	112.00 F028-80245	112.00 F022-80247	43.00 F022-80122	6.50 F022-80196	96.00 F022-80110
10"	119.00 F028-10240	132.00 F028-10245	135.00 F022-10247	59.00 F022-10122	6.50 F022-80196	116.00 F022-10110
12"	135.00 F028-12240	160.00 F028-12245	166.00 F022-12247	65.00 F022-12122	6.50 F022-80196	123.00 F022-12110
14"	151.00 F028-14240	178.00 F028-14245		76.00 F022-14122	6.50 F022-80196	200.00 F022-14110



Size	Packed Cover	Gasket	Screw Complete	Screw	Brass Washer	Nut	O-Ring
8"	25.00 F022-80120	6.50 F020-80190	54.00 F022-80135	49.00 F022-80160	1.75 F028-8085	4.00 F028-80275	1.75 F943-211
10"	44.00 F022-10120	6.75 F020-10190	60.00 F028-10135	57.00 F028-10165	2.50 F028-1085	4.25 F028-10275	2.00 F943-213
12"	53.00 F022-12120	8.00 F020-12190	71.00 F022-12135	63.00 F022-12165	2.75 F028-1285	5.75 F020-16270	2.25 F943-215
14"	94.00 F022-14120	12.00 F020-14190	107.00 F022-14130	99.00 F022-14160	3.00 F022-1485	5.75 F022-14270	2.50 F943-217

Series 2400 *Grazing Valve with SW Frame*



The Series 2400 Grazing Valve with the solvent weld (SW) frame is an overflow valve designed for use in the same application as the Series 2300 Grazing Valve for concrete and PVC. The Series 2400 features a Schedule 80 plastic skirt for easy installation using standard PVC cement for attaching instead of epoxy. Saves valuable time and money.

IPS Valve

Size	Thread Type	Part Number	Price
6"	Acme	F024-060-022	117.00
	Vee	F024-060-023	
8"	Acme	F024-080-022	150.00
	Vee	F024-080-023	
10"	Acme	F024-100-022	201.00
	Vee	F024-100-023	
12"	Acme	F024-120-022	218.00
	Vee	F024-120-023	

PIP Valve

Size	Thread Type	Part Number	Price
6"	Acme	F024-060-020	117.00
	Vee	F024-060-021	
8"	Acme	F024-080-020	150.00
	Vee	F024-080-021	
10"	Acme	F024-100-020	201.00
	Vee	F024-100-021	
12"	Acme	F024-120-020	218.00
	Vee	F024-120-021	

Valve Parts



Size	IPS Frame	PIP Frame	Cover Complete	Packed Cover	Cover Gasket
6"	63.00	63.00	56.00	21.00	6.00
Acme	F024-060-142	F024-060-140	F023-60110	F023-60120	F020-60190
Vee	F024-060-143	F024-060-141	F023-60111	F023-60121	F020-60190
8"	91.00	91.00	63.00	29.00	6.50
Acme	F024-080-142	F024-080-140	F023-80110	F023-80120	F020-80190
Vee	F024-080-143	F024-080-141	F023-80111	F023-80121	F020-80190
10"	120.00	120.00	105.00	50.00	6.75
Acme	F024-100-142	F024-100-140	F023-10110	F023-10120	F020-10190
Vee	F024-100-143	F024-100-141	F023-10111	F023-10121	F020-10190
12"	136.00	136.00	116.00	61.00	8.00
Acme	F024-120-142	F024-120-140	F023-12110	F023-12120	F020-12190
Vee	F024-120-143	F024-120-141	F023-12111	F023-12121	F020-12190



Size	Screw Complete	Screw	Washer	Nut
6"	34.00	30.00	2.50	3.00
Acme	F023-60130	F023-60260	F020-6080	F020-60270
Vee	F023-60131	F023-60261	F020-6081	F020-60271
8"	34.00	30.00	2.50	3.00
Acme	F023-60130	F023-60260	F020-6080	F020-60270
Vee	F023-60131	F023-60261	F020-6081	F020-60271
10"	54.00	48.00	2.50	3.75
Acme	F023-10130	F023-10260	F020-1080	F020-10270
Vee	F023-10131	F023-10261	F020-1080	F020-10271
12"	54.00	48.00	2.50	3.75
Acme	F023-10130	F023-10260	F020-1080	F020-10270
Vee	F023-10131	F023-10261	F020-1080	F020-10271

Series 2500 Alfalfa Valve with SW Frame



The Series 2500 Alfalfa Valve with solvent weld (SW) frame is an Alfalfa Valve designed for use in the same application as our popular Alfalfa Valves for concrete and PVC. The Series 2500 features a Schedule 80 plastic skirt for easy installation using standard PVC cement instead of epoxy. Use of these valves can save valuable time and money.

PIP Valve

Size	Part Number	Price
8"	F025-080-000	206.00
10"	F025-100-000	247.00
12"	F025-120-000	283.00
14"	F025-140-000	448.00

IPS Valve

Size	Part Number	Price
8"	F025-080-002	206.00
10"	F025-100-002	247.00
12"	F025-120-002	283.00

Valve Parts



Size	PIP Frame	IPS Frame	Cover Complete	Packed Cover	Cover Gasket
8"	130.00 F025-080-140	130.00 F025-080-142	95.00 F028-80115	24.00 F028-80125	6.50 F020-80190
10"	157.00 F025-100-140	157.00 F025-100-142	114.00 F028-10115	44.00 F028-10125	6.75 F020-10190
12"	189.00 F025-120-140	189.00 F025-120-142	122.00 F028-12110	52.00 F028-12120	8.00 F020-12190
14"	335.00 F025-140-140		197.00 F028-14110	93.00 F028-14120	12.00 F020-14190



Size	Screw Complete	Screw	Washer	Nut	O-Ring	SS Cross Pin
8"	54.00 F028-80135	48.00 F028-80165	1.75 F028-8085	4.00 F028-80275	1.75 F943-211	12.00 F020-10195
10"	60.00 F028-10135	57.00 F028-10165	2.50 F028-1085	4.25 F028-10275	2.00 F943-213	12.00 F020-10195
12"	71.00 F028-12135	63.00 F028-12165	2.75 F028-1285	5.75 F020-16270	2.25 F943-215	12.00 F020-10195
14"	107.00 F028-14130	99.00 F028-14160	2.75 F028-1285	5.75 F020-16270	2.25 F943-215	

Series 2600 Type B Alfalfa Valve



The Series 2600 Type B Alfalfa Valve provides flow control from underground pipelines. Also used in conjunction with portable, universal, and side clamp hydrants and gated pipe in row crop irrigation.

Valve - Concrete

Size	Part Number	Price
6"	F026-60000	143.00
8"	F026-80000	149.00
10"	F026-10000	164.00
12"	F026-12000	204.00
14"	F026-14000	301.00
16"	F026-16000	415.00
18"	F026-18000	521.00
20"	F026-20000	676.00
24"	F026-24000	886.00

Valve - PVC

Size	Part Number	Price
8"	F026-80005	176.00
10"	F026-10005	233.00
12"	F026-12005	261.00

Valve Parts



Size	Frame Concrete	Frame PVC	Cover Complete	Packed Cover	Gasket	Screw Complete
6"	49.00		92.00	34.00	5.75	65.00
Acme	F026-60240		F026-60110	F026-60120	F026-60190	F026-60130
8"	60.00	96.00	111.00	46.00	6.75	65.00
Acme	F026-80240	F026-80245	F026-80110	F026-80120	F026-80190	F026-80130
10"	80.00	117.00	127.00	62.00	7.25	65.00
Acme	F026-10240	F026-10245	F026-10110	F026-10120	F026-10190	F026-10130
12"	87.00	143.00	141.00	70.00	10.00	72.00
Acme	F026-12240	F026-12245	F026-12110	F026-12120	F026-12190	F026-12130
14"	192.00		186.00	112.00	14.00	72.00
Acme	F026-14240		F026-14110	F026-14120	F026-14190	F026-14130
16"	207.00		292.00	138.00	19.00	153.00
Acme	F026-16240		F026-16110	F026-16120	F026-16190	F026-16130
18"	286.00		323.00	171.00	25.00	153.00
Acme	F026-18240		F026-18110	F026-18120	F026-18190	F026-18130
20"	369.00		415.00	232.00	29.00	185.00
Acme	F026-20240		F026-20110	F026-20120	F026-20190	F026-20130
24"	562.00		508.00	321.00	35.00	185.00
Acme	F026-24240		F026-24110	F026-24120	F026-24190	F026-24130

Size	Screw	SS Cross Pin	Washer	Gland Nut	Stop Nut w/ Pin	Bronze Bushing
6"	53.00	12.00	3.75	9.50		
Acme	F026-60160	F020-10195	F026-6080	F026-60270		
8"	53.00	12.00	3.75	9.50		
Acme	F026-60160	F020-10195	F026-6080	F026-60270		
10"	53.00	12.00	3.75	9.50		
Acme	F026-60160	F020-10195	F026-6080	F026-60270		
12"	59.00	12.00	3.75	10.00		
Acme	F026-12160	F020-10195	F026-1280	F026-12270		
14"	59.00	12.00	3.75	10.00		
Acme	F026-12160	F020-10195	F026-1280	F026-12270		
16"	122.00	13.00	4.50	15.00	42.00	
Acme	F026-16162	F020-16195	F026-1682	F026-16270	F026-16136	
18"	122.00	13.00	4.50	15.00	42.00	34.00
Acme	F026-16160	F020-16195	F026-1682	F026-16270	F026-16136	F026-16276
20"	153.00	13.00	4.50	15.00	42.00	34.00
Acme	F026-20160	F020-16195	F026-1682	F026-20270	F026-16136	F026-16276
24"	153.00	13.00	4.50	15.00	42.00	34.00
Acme	F026-20160	F020-16195	F026-1682	F026-20270	F026-16136	F026-16276

Series 2800 Type RB Alfalfa Valve

Removable Arch (Spider)

The Series 2800 Type RB Alfalfa Valve provides reliable shut-off and regulation from underground pipelines. The Series 2800 features a removable arch for easy line access. Very effective with portable, universal and side clamp hydrants and gated pipe in row crop irrigation.



Valve - Concrete

Valve Size	Part Number	Price
8"	F028-80000	184.00
10"	F028-10000	227.00
12"	F028-12000	254.00
14"	F028-14000	373.00
16"	F028-16000	469.00
18"	F028-18000	1,004.00

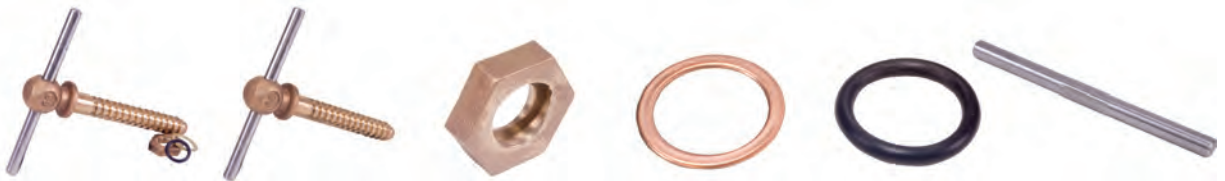
Valve - PVC

Valve Size	Part Number	Price
8"	F028-80003	203.00
10"	F028-10003	253.00
12"	F028-12005	285.00
14" x 15"	F028-14005	404.00
18"	F028-18005	1,350.00

Valve Parts



Size	Concrete Frame	PVC Frame	Cover Complete	Packed Cover	Cover Gasket	Spider w/Latch
8"	103.00 F028-80240	112.00 F028-80245	95.00 F028-80115	24.00 F028-80125	6.50 F020-80190	43.00 F028-80123
10"	119.00 F028-10240	132.00 F028-10245	114.00 F028-10115	44.00 F028-10125	6.75 F020-10190	58.00 F028-10123
12"	135.00 F028-12240	160.00 F028-12245	122.00 F028-12110	52.00 F028-12120	8.00 F020-12190	63.00 F028-12122
14"	151.00 F028-14240		197.00 F028-14110	93.00 F028-14120	12.00 F020-14190	78.00 F028-14122
14" x 15"		178.00 F028-14245	197.00 F028-14110	93.00 F028-14120	12.00 F020-14190	78.00 F028-14122
16"	243.00 F028-16240		228.00 F028-16110	117.00 F028-16120	15.00 F020-16190	106.00 F028-16122
18"	281.00 F028-18240	1,042.00 F028-18245	267.00 F028-18110	156.00 F028-18120	21.00 F020-18190	147.00 F028-18122



Size	Screw Complete	Screw	Nut	Washer	O-Ring	Cross Pin
8"	54.00 F028-80135	48.00 F028-80165	4.00 F028-80275	1.75 F028-8085	1.75 F943-211	12.00 F020-10195
10"	60.00 F028-10135	57.00 F028-10165	4.25 F028-10275	2.50 F028-1085	2.00 F943-213	12.00 F020-10195
12"	71.00 F028-12135	63.00 F028-12165	5.75 F020-16270	2.75 F028-1285	2.25 F943-215	12.00 F020-10195
14"	107.00 F028-14130	99.00 F028-14160	5.75 F020-16270	2.75 F028-1285	2.25 F943-215	13.00 F020-16195
14" x 15"	107.00 F028-14130	99.00 F028-14160	5.75 F020-16270	2.75 F028-1285	2.25 F943-215	13.00 F020-16195
16"	109.00 F020-16130	101.00 F020-16160	5.75 F020-16270	2.75 F028-1285	2.25 F943-215	13.00 F020-16195
18"	109.00 F020-16130	101.00 F020-16160	5.75 F020-16270	2.75 F028-1285	2.25 F943-215	13.00 F020-16195

Series 2800 Type SA Alfalfa Valve



SOLID ARCH

The Series 2800 Type SA Alfalfa Valve is an overflow valve with a heavy-duty solid arch for use with plastic pipe. This valve is also effective with portable, universal, side-clamp hydrants and gated pipe in row crop irrigation.

Size	Part Number	Price
6"	F028-60007	157.00
8"	F028-80007	170.00
10"	F028-10007	203.00
10" x 8"	F028-10008	218.00
12"	F028-12007	255.00
12" x 8"	F028-12009	262.00
12" x 10"	F028-12008	265.00

Valve Parts



Size	Frame	Cover Complete	Packed Cover	Gasket	Screw Complete
6"	82.00 F028-60247	72.00 F028-60115	18.00 F028-60125	6.00 F020-60190	54.00 F028-80135
8"	104.00 F028-80247	95.00 F028-80115	24.00 F028-80125	6.50 F020-80190	54.00 F028-80135
10"	127.00 F028-10247	114.00 F028-10115	44.00 F028-10125	6.75 F020-10190	60.00 F028-10135
10" x 8"	175.00 F028-10248	114.00 F028-10115	44.00 F028-10125	6.75 F020-10190	60.00 F028-10135
12"	158.00 F028-12247	122.00 F028-12110	52.00 F028-12120	8.00 F020-12190	71.00 F028-12135
12" x 8"	177.00 F028-12249	122.00 F028-12110	52.00 F028-12120	8.00 F020-12190	71.00 F028-12135
12" x 10"	177.00 F028-12248	122.00 F028-12110	52.00 F028-12120	8.00 F020-12190	71.00 F028-12135



Size	Screw	Washer	Nut
6"	48.00 F028-80165	1.75 F028-8085	4.00 F028-80275
8"	48.00 F028-80165	1.75 F028-8085	4.00 F028-80275
10"	57.00 F028-10165	2.50 F028-1085	4.25 F028-10275
10" x 8"	57.00 F028-10165	2.50 F028-1085	4.25 F028-10275
12"	63.00 F028-12165	2.75 F028-1285	5.75 F020-16270
12" x 8"	63.00 F028-12165	2.75 F028-1285	5.75 F020-16270
12" x 10"	63.00 F028-12165	2.75 F028-1285	5.75 F020-16270

Series 2900 Type S Alfalfa Valve

The Series 2900 Type S Alfalfa Valve is an overflow valve. 10" thru 14" are designed to be interchangeable with Snow (Ideal) Alfalfa Valves. 20" thru 24" are not interchangeable with old style Snow Valves.



Size	Part Number	Price
10"	F029-10000	199.00
12"	F029-12000	229.00
14"	F029-14000	335.00
20" / 21"	F029-20000	POA
24"	F029-24005	POA

Valve Parts



Size	Frame	Cover Complete	Packed Cover	Gasket	(Arch) Spider
10"	82.00 F029-10245	117.00 F029-10110	45.00 F029-10120	7.00 F029-10190	50.00 F029-10241
12"	103.00 F029-12245	125.00 F029-12110	53.00 F029-12120	8.00 F029-12190	53.00 F029-12241
14"	143.00 F029-14245	201.00 F029-14110	95.00 F029-14120	12.00 F029-14190	63.00 F029-14241
20" / 21"	POA F029-20245	POA F029-20110	241.00 F020-20120	27.00 F020-20190	POA F029-20140
24"	POA F029-24246AS	POA F029-24110	POA F029-24120	POA F029-24190	POA F029-24140



Size	Screw Complete	Screw	Washer	Nut	Cotter Pin
10"	73.00 F029-80130	64.00 F029-80160	2.75 F020-1680	5.75 F020-16270	3.50 F904-216
12"	73.00 F029-80130	64.00 F029-80160	2.75 F020-1680	5.75 F020-16270	3.50 F904-216
14"	109.00 F029-14130	101.00 F029-14160	2.75 F020-1680	5.75 F020-16270	3.50 F904-216
20" / 21"	POA F020-16138	POA F020-16168	2.75 F020-1680	5.75 F020-16270	
24"	POA F029-24130	POA F029-24160	POA F026-1282		

Series 3000 Air Vent



The Series 3000 Air Vent and Vacuum Relief Valves protect both pressure and gravity systems against pipeline damage by releasing or venting entrapped air during system filling and preventing vacuum locks while the pipeline empties.

Size	Part Number	Price
2"	F030-20003	35.00
3"	F030-30003	73.00
4"	F030-40003	144.00

Valve Parts

Body with O-Ring



Size	Part Number	Price
2"	F030-20113	32.00
3"	F030-30113	62.00
4"	F030-40113	104.00

O-Ring Seal



Size	Part Number	Price
2"	F030-2032	2.25
3"	F030-3032	4.25
4"	F030-4031	4.75

Ball



Size	Part Number	Price
2"	F030-2040	12.00
3"	F030-3040	52.00
4"	F030-4040	65.00

Retainer



Size	Part Number	Price
2"	F030-2023	8.25
3"	F030-3023	12.00
4"	F030-4022	13.00

Plastic Air Vent

Size	Part Number	Price
1"	F030-1000	18.00



Series 3500 *Model 35 Continuous Acting Air & Vacuum Relief*

The Series 3500 Continuous Acting Air Vent exhausts large volumes of trapped air from pipelines during line filling and continuously releases smaller amounts of entrapped air during system operation. Installed near pumps, on pressure boxes and near check valves, as well as high points and at the ends of lines.



Size	Part Number	Price
2"	F035-20000	231.00
3"	F035-30000	261.00
4"	F035-40000	326.00

Valve Parts

Aluminum Body



Size	Part Number	Price
2"	F035-30105	123.00
3"	F035-30105	123.00
4"	F035-40105	157.00

Shaft



Size	Part Number	Price
2"	F035-3050	6.25
3"	F035-3050	6.25
4"	F035-4050	6.25

Cast Iron Base



Size	Part Number	Price
2"	F035-20225	56.00
3"	F035-30225	72.00
4"	F035-40225	95.00

Ball Knob



Size	Part Number	Price
2"	F035-3035	4.25
3"	F035-3035	4.25
4"	F035-3035	4.25

Ball



Size	Part Number	Price
2"	F035-30128	79.00
3"	F035-30128	79.00
4"	F035-30128	79.00

Base Gasket



Size	Part Number	Price
2"	F035-3028	5.50
3"	F035-3028	5.50
4"	F035-4028	6.25

Ball Retainer



Size	Part Number	Price
2"	F035-3020	9.25
3"	F035-3020	9.25
4"	F035-4020	11.00

Studs & Nuts (Set)



Size	Part Number	Price
2"	F035-20155	11.00
3"	F035-20155	11.00
4"	F035-20155	11.00

Seal Disc



Size	Part Number	Price
2"	F035-30114	39.00
3"	F035-30114	39.00
4"	F035-40114	39.00

Series 3100 Pressure Reliefs

Series 3100 Model PR-600A & PR-600B Pressure Relief Valves



The Series 3100 Pressure Relief Valves are designed to provide effective pressure surge protection for irrigation systems. These spring loaded valves are factory preset and tested to ensure accurate and dependable operation.

Size	Pressure Range (psi)	PR-600A (Factory Set)		PR-600B (Field Set)	
		Part No.	Price	Part No.	Price
2"	0-70	F031-22050A	156.00	F031-22050	137.00
	71-120	F031-22052A	156.00	F031-22052	137.00
2-1/2"	0-70	F031-27050A	158.00	F031-27050	144.00
	71-120	F031-27052A	158.00	F031-27052	144.00
3"	0-60	F031-32050A	195.00	F031-32050	180.00
	61-120	F031-32052A	195.00	F031-32052	180.00
4"	0-50	F031-42050A	244.00	F031-42050	238.00
	51-120	F031-42052A	244.00	F031-42052	238.00

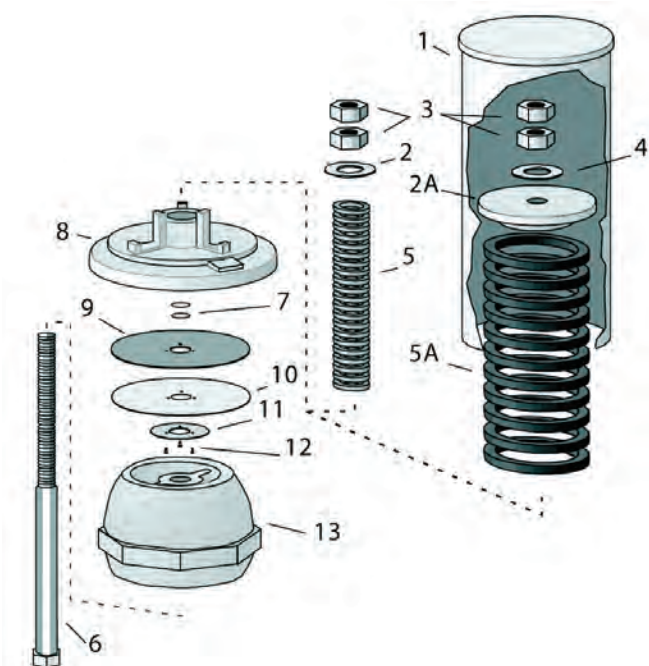
Series 3100 Model PR-900 Pressure Relief Valves



The Series 3100 Pressure Relief Valve (PR-900) has the same features as the Series 3100 Model PR-600A & PR-600B Pressure Relief Valves, plus a tamper resistant cover.

Size	Pressure Range (psi)	Part No.	Price
3"	0-50	F031-32010	223.00
	51-100	F031-32012	223.00
	101-150	F031-32013	255.00
4"	0-45	F031-42010	278.00
	46-130	F031-42012	287.00
	131-150	F031-42013	317.00
6"	0-50	F031-62010	640.00
	51-90	F031-62011	640.00
	91-120	F031-62012	770.00

Series 3100 Pressure Relief Valve Parts



1 - Cover



Size	ID	Part Number	Price
3"	1	F031-32181	27.00
4"	1	F031-42181	51.00
6"	1	F031-62181	75.00

2 - Spring Retainer (Low)



Size	ID	Part Number	Price
3"	2	F031-32220	11.00
4"	2	F031-4120	25.00
6"	2	F031-62221	40.00

2A - Spring Retainer (Medium & High)



Size	ID	Part Number	Price
3"	2A	F031-32220	11.00
4"	2A	F031-4120	25.00
6"	2A	F031-62221	40.00

Series 3100 Pressure Relief Valve Parts

3 - Nuts, Adjusting



Size	ID	Part Number	Price
2"	3	F902-059	.30
2-1/2"	3	F902-059	.30
3"	3	F902-059	.30
4"	3	F902-059	.30
6"	3	F902-080	.30

4 - Washer



Size	ID	Part Number	Price
2"	4	F902-261	.50
2-1/2"	4	F902-261	.50
3"	4	F902-261	.50
4"	4	F902-261	.50
6"	4	F902-280	.50

5A - Spring - 900 PRV, Low Pressure



Size	Color	ID	Part Number	Price
3"	Orange	5A	F031-32232	39.00
4"	Black	5A	F031-42230	86.00
6"	Blue	5A	F031-42234	94.00

5A - Spring - 900 PRV, High Pressure



Size	Color	ID	Part Number	Price
3"	Blue	5A	F031-32234	86.00
4"	Blue	5A	F031-42234	94.00
6"	Blue	5A	F031-62232	178.00

5A - Spring - 900 PRV, X-High Pressure (2 req.)



Size	Color	ID	Part Number	Price
3"	Blue	5A	F031-32234	86.00
4"	Blue	5A	F031-42234	94.00
6"	Blue	5A	F031-42234	94.00
3"	Green	5A	F031-3138	69.00
4"	Green	5A	F031-3138	69.00
6"	Blue	5A	F031-62232	178.00

5 - Spring - 600 PRV, Low Pressure



Size	Color	ID	Part Number	Price
2"	Gold	5	F031-3136	50.00
2-1/2"	Gold	5	F031-3136	50.00
3"	Gold	5	F031-3136	50.00
4"	Gold	5	F031-3136	50.00

5 - Spring - 600 PRV, High Pressure



Size	Color	ID	Part Number	Price
2"	Green	5	F031-3138	69.00
2-1/2"	Green	5	F031-3138	69.00
3"	Green	5	F031-3138	69.00
4"	Green	5	F031-3138	69.00

6 - Shaft



Size	ID	Part Number	Price
2"	6	F031-32185	33.00
2-1/2"	6	F031-32185	33.00
3"	6	F031-32185	33.00
4"	6	F031-42185	40.00
6"	6	F031-62185	60.00

7 - O-Rings



Size	ID	Part Number	Price
2"	7	F943-114	.75
2-1/2"	7	F943-114	.75
3"	7	F943-114	.75
4"	7	F943-114	.75
6"	7	F943-214	.75

8 - Seal Holder



Size	ID	Part Number	Price
2"	8	F031-32190	41.00
2-1/2"	8	F031-32190	41.00
3"	8	F031-32190	41.00
4"	8	F031-42190	93.00
6"	8	F031-62190	203.00

9 - Seal Disk (Rubber)



Size	ID	Part Number	Price
2"	9	F031-3156	3.00
2-1/2"	9	F031-3156	3.00
3"	9	F031-3156	3.00
4"	9	F031-4156	5.25
6"	9	F031-6156	10.00

10 - Disk (Teflon)



Size	ID	Part Number	Price
2"	10	F031-3158	3.25
2-1/2"	10	F031-3158	3.25
3"	10	F031-3158	3.25
4"	10	F031-4158	7.75
6"	10	F031-6158	11.00

11 - Seal Retainer



Size	ID	Part Number	Price
2"	11	F031-32194	5.50
2-1/2"	11	F031-32194	5.50
3"	11	F031-32194	5.50
4"	11	F031-42194	6.50
6"	11	F031-62194	15.00

12 - Screws



Size	ID	Part Number	Price
2"	12	F905-020	1.00
2-1/2"	12	F905-020	1.00
3"	12	F905-020	1.00
4"	12	F905-020	1.00
6"	12	F905-020	1.00

13 - Base - NPT Thread



Size	ID	Part Number	Price
2"	13	F031-22210	40.00
2-1/2"	13	F031-27210	40.00
3"	13	F031-32210	40.00
4"	13	F031-42210	65.00
6"	13	F031-62210	151.00

Drive Screw (900 PRV)



Size	Part Number	Price
3"	F923-901	.25
4"	F923-901	.25
6"	F923-901	.25

Series 8500 *Grayline Butterfly Valves*

The Series 8500 Fresno Butterfly Valves are general purpose, in-line water control valves. Series 8500 Valves are effective for agricultural, industrial and specialty applications. Featuring Stainless Steel disc and Buna N liner, standard.



Valve Size	Lever Operated	Gear Operated	
		w/ Handwheel	w/ 2" Sq Nut
2"	105.00 F085-020-05	175.00 F085-020-10	175.00 F085-020-12
2-1/2"	113.00 F085-025-05	177.00 F085-025-10	177.00 F085-025-12
3"	140.00 F085-030-05	209.00 F085-030-10	209.00 F085-030-12
4"	170.00 F085-040-05	235.00 F085-040-10	235.00 F085-040-12
5"	202.00 F085-050-05	284.00 F085-050-10	284.00 F085-050-12
6"	228.00 F085-060-05	311.00 F085-060-10	311.00 F085-060-12
8"	332.00 F085-080-05	428.00 F085-080-10	428.00 F085-080-12
10"	457.00 F085-100-05	553.00 F085-100-10	553.00 F085-100-12
12"	649.00 F085-120-05	765.00 F085-120-10	765.00 F085-120-12
14"	-	1,109.00 F085-140-10	1,109.00 F085-140-12
16"	-	1,488.00 F085-160-10	1,488.00 F085-160-12
18"	-	2,220.00 F085-180-10	2,220.00 F085-180-12
20"	-	3,048.00 F085-200-10	3,048.00 F085-200-12
24"	-	4,698.00 F085-240-10	4,698.00 F085-240-12
30"	-	6,760.00 F085-300-10*	6,760.00 F085-300-12*
36"	-	11,809.00 F085-360-10*	11,809.00 F085-360-12*

*Discs for 30" and 36" gear operated butterfly valves are nickel plated ductile iron.

\$15 added for assembly of valves to extensions (2" – 12").

\$45 added for assembly of valves to extensions (14" and larger).

Butterfly Stem Extensions



Valve Size	Extension Size				
	24"	36"	48"	60"	72"
2" - 6"	167.00 F084-E020-024	185.00 F084-E020-036	198.00 F084-E020-048	215.00 F084-E020-060	231.00 F084-E020-072
8" - 12"	204.00 F084-E080-024	220.00 F084-E080-036	238.00 F084-E080-048	257.00 F084-E080-060	277.00 F084-E080-072
14" - 16"	479.00 F084-E140-024	504.00 F084-E140-036	530.00 F084-E140-048	554.00 F084-E140-060	582.00 F084-E140-072
18"	648.00 F085-E180-024	658.00 F085-E180-036	686.00 F085-E180-048	757.00 F085-E180-060	801.00 F085-E180-072
20" - 24"	840.00 F085-E200-024	898.00 F085-E200-036	944.00 F085-E200-048	986.00 F085-E200-060	1,069.00 F085-E200-072

Note: Stem extensions for 30" & 36" butterfly valves are available upon request

Series 8500 *Grayline Butterfly Valves*

Valve Parts

Lever Handle



Size	Part Number	Price
2"	F085-020-62	20.00
2-1/2"	F085-020-62	20.00
3"	F085-020-62	20.00
4"	F085-040-62	20.00
5"	F085-050-62	20.00
6"	F085-060-62	20.00
8"	F085-080-62	32.00
10"	F085-080-62	32.00
12"	F085-080-62	32.00

Gear Box



Size	Part Number	Price
2"	F085-020-70	134.00
2-1/2"	F085-020-70	134.00
3"	F085-020-70	134.00
4"	F085-020-70	134.00
5"	F085-020-70	134.00
6"	F085-020-70	134.00
8"	F085-080-70	252.00
10"	F085-080-70	252.00
12"	F085-080-70	252.00
14"	F085-140-70	274.00
16"	F085-160-70	280.00
18"	F085-180-70	302.00
20"-24"	F085-200-70	325.00

Hand-wheel



Size	Part Number	Price
2"	F085-020-72	47.00
2-1/2"	F085-020-72	47.00
3"	F085-020-72	47.00
4"	F085-020-72	47.00
5"	F085-020-72	47.00
6"	F085-020-72	47.00
8"	F085-080-72	54.00
10"	F085-080-72	54.00
12"	F085-080-72	54.00
14"	F085-080-72	54.00
16"	F085-160-72	58.00
18"	F085-160-72	58.00
20"-24"	F085-200-72	65.00

2" Square Nut



Size	Part Number	Price
2"	F084-A02SQ	42.00
2-1/2"	F084-A02SQ	42.00
3"	F084-A02SQ	42.00
4"	F084-A02SQ	42.00
5"	F084-A02SQ	42.00
6"	F084-A02SQ	42.00
8"	F085-A08SQ	54.00
10"	F085-A08SQ	54.00
12"	F085-A08SQ	54.00
14"	F085-A08SQ	54.00
16"	F085-200-78	56.00
18"	F085-200-78	56.00
20"-24"	F085-200-78	56.00

Lever Lock Plate



Size	Part Number	Price
2"	F085-020-60	5.75
2-1/2"	F085-020-60	5.75
3"	F085-020-60	5.75
4"	F085-020-60	5.75
5"	F085-020-60	5.75
6"	F085-020-60	5.75
8"	F085-080-60	19.00
10"	F085-080-60	19.00
12"	F085-080-60	19.00

Extension Assy. Bolts



Size	Part Number	Price
2"	F085-EB020	1.75
2-1/2"	F085-EB020	1.75
3"	F085-EB020	1.75
4"	F085-EB020	1.75
5"	F085-EB020	1.75
6"	F085-EB020	1.75
8"	F085-EB080	2.25
10"	F085-EB080	2.25
12"	F085-EB080	2.25
14"	F085-EB080	2.25
16"	F085-EB080	2.25
18"	F085-EB180	2.75
20"-24"	F085-EB200	7.75

Actuators



Size	Electric Actuation*	Pneumatic Actuation
	Part Number	Part Number
2 - 3"	2,446.00	253.00
	F085-AC20-ROM3	F085-020-75
4"	2,446.00	332.00
	F085-AC20-ROM3	F085-040-75
5"	2,446.00	332.00
	F085-AC20-ROM3	F085-050-75
6"	2,446.00	384.00
	F085-AC20-ROM3	F085-060-75
8"	2,446.00	893.00
	F085-AC80-ROM3	F085-080-75
10" - 12"	3,037.00	893.00
	F085-AC80-ROM4	F085-080-75

* Rotork ROM series quarter turn actuators for open/close operation (110vac). Price includes adaptors.

Series 8500 *Grayline Butterfly Valves*

Butterfly Valve Bolt Packs



Valve Size	D Flange & 1/2" Flange	PVC Flange	Quantity and Size
2" - 3"	6.75 F084-B02U		(4) 5/8"x4"
		8.60 F084-B02P	(4) 5/8"x5"
4"	13.50 F084-B04U		(8) 5/8"x4"
		16.00 F084-B04P	(8) 5/8"x5"
5" - 6"	20.00 F084-B05D		(8) 3/4"x4-1/2"
		32.00 F084-B05P	(8) 3/4"x6"
8"	24.00 F084-B08D		(8) 3/4"x5"
		32.00 F084-B08P	(8) 3/4"x6-1/2"
10"	58.00 F084-B10D		(12) 7/8"x5-1/2"
		70.00 F084-B10P	(12) 7/8"x7"
12"	62.00 F084-B12D		(12) 7/8"x6"
		87.00 F084-B12P	(12) 7/8"x7-1/2"
14"	77.00 F084-B14D	**	(8) 1"x2" + (8) 1"x 7"
16"	148.00 F084-B16D	**	(8) 1"x2-1/2" + (12) 1"x7-1/2"
18"	206.00 F084-B18D	**	(8) 1-1/8"x3" + (12) 1-1/8"x8"
20"	310.00 F084-B20D	**	(8) 1-1/8"x3" + (16) 1-1/8"x9"
24"	363.00 F084-B24D	**	(8) 1-1/4"x3-1/2" + (16) 1-1/4"x10"
30"	636.00 F084-B30D	**	(8) 1-1/4"x4" + (24) 1-1/4"x11"

** For PVC Flange bolts for valve sizes 14" and over, please consult with the Fresno Valves & Castings sales department.

Series 6000 Model 10C Flap Gate



The Series 6000 Flap Gate Valves allow outflow of water from a pipe or structure to a body of water, but prevent backflow. The Series 6000 is used in systems where seating heads are ten feet or less.

Flat Back

Size	Part Number	Price
4"	F061-04010	310.00
6"	F060-06010	378.00
8"	F060-08010	405.00
10"	F060-10010	475.00
12"	F060-12010	510.00
15"	F060-15010	708.00
18"	F060-18010	1,117.00
21"	F060-21010	1,238.00
24"	F060-24010	1,606.00
30"	F060-30010	2,433.00
36"	F060-36010	2,816.00
42"	F060-42010	5,451.00
48"	F060-48010	6,859.00
60"	F060-60011	10,610.00

Spigot Back

Size	Part Number	Price
6"	F060-06000	394.00
8"	F060-08000	451.00
10"	F060-10000	471.00
12"	F060-12000	548.00
15"	F060-15000	726.00
18"	F060-18000	1,153.00
21"	F060-21000	1,261.00
24"	F060-24000	1,661.00
30"	F060-30000	2,514.00
36"	F060-36000	2,924.00
42"	F060-42000	5,773.00
48"	F060-48000	6,809.00
60"	F060-60000	10,943.00

Gate Parts



Size	Cover Flap	Seat Flat Back	Seat Spigot Back	SS Links	SS Hinge	Galv Links	Steel Bolt (set)	Hinge Bushing (ea)	Anchor Bolt SS* (ea)	Anchor Bolt Galv* (ea)
6"	152.00 F060-06225	157.00 F060-06222	179.00 F060-06220	81.00 F060-06132	53.00 F060-06142	63.00 F060-06130	21.00 F060-06140	6.00 F939-000	49.00 H1A12022L	35.00 H1A12022N
8"	178.00 F060-08225	183.00 F060-08222	204.00 F060-08220	81.00 F060-08132	53.00 F060-08142	64.00 F060-08130	21.00 F060-08140	6.00 F939-010	49.00 H1A12022L	35.00 H1A12022N
10"	180.00 F060-10225	205.00 F060-10222	213.00 F060-10220	83.00 F060-10132	53.00 F060-08142	64.00 F060-10130	21.00 F060-08140	6.00 F939-010	49.00 H1A12022L	35.00 H1A12022N
12"	189.00 F060-12225	312.00 F060-12222	337.00 F060-12221	86.00 F060-12132	53.00 F060-08142	77.00 F060-12130	21.00 F060-08140	6.00 F939-010	49.00 H1A12022L	35.00 H1A12022N
15"	276.00 F060-15225	328.00 F060-15222	355.00 F060-15220	86.00 F060-15132	53.00 F060-08142	77.00 F060-15130	21.00 F060-08140	6.00 F939-010	49.00 H1A12022L	35.00 H1A12022N
18"	447.00 F060-18225	462.00 F060-18222	512.00 F060-18220	98.00 F060-18132	132.00 F060-18142	94.00 F060-18130	31.00 F060-18140	7.75 F939-030	63.00 H2A12022L	46.00 H2A12022N
21"	528.00 F060-21225	581.00 F060-21222	624.00 F060-21220	124.00 F060-21132	132.00 F060-18142	94.00 F060-21130	31.00 F060-18140	7.75 F939-030	63.00 H2A12022L	46.00 H2A12022N
24"	622.00 F060-24225	749.00 F060-24222	790.00 F060-24220	139.00 F060-24132	132.00 F060-18142	121.00 F060-24130	31.00 F060-18140	7.75 F939-030	63.00 H2A12022L	46.00 H2A12022N
30"	1,124.00 F060-30225	1,279.00 F060-30222	1,261.00 F060-30220	223.00 F060-30132	153.00 F060-30142	121.00 F060-30130	47.00 F060-30140	21.00 F939-050	112.00 H3A12022L	97.00 H3A12022N
36"	1,293.00 F060-36225	1,326.00 F060-36222	1,334.00 F060-36220	326.00 F060-36132	231.00 F060-36142	179.00 F060-36130	52.00 F060-36140	21.00 F939-051	112.00 H3A12022L	97.00 H3A12022N
42"	2,897.00 F060-42225	2,825.00 F060-42222	3,029.00 F060-42220	361.00 F060-42132	231.00 F060-36142	201.00 F060-42130	52.00 F060-36140	21.00 F939-051	112.00 H3A12022L	97.00 H3A12022N
48"	3,837.00 F060-48225	3,236.00 F060-48222	3,483.00 F060-48220	387.00 F060-48132	231.00 F060-36142	201.00 F060-48130	52.00 F060-36140	21.00 F939-051	112.00 H3A12022L	97.00 H3A12022N
60"	5,315.00 F060-60225	POA F060-60222	5,128.00 F060-60220	POA F060-60132	314.00 F060-60142	386.00 F060-60130RL	73.00 F060-60140	48.00 F939-073	186.00 H5A12022L	164.00 H5A12022N

Note: * Price includes washer & nuts. Gate sizes 4" thru 48" require 4 anchor bolts. Gate size 60" requires 6 anchor bolts.

Series 6200 50C Flap Gates



The Series 6200 heavy duty 50C cast iron flap is designed to permit the outflow of water from a pipe or a structure to a body of water while preventing backflow into the pipe or structure. It is frequently used in reservoirs, tidal basins, ponding basins and storm drain systems where seating heads are less than 50 feet.

Basic Series 6200 flap gates are designed for concrete headwall mounting and include the following design features and materials.

- Machined cast iron seating faces.
- Ductile Iron link arms.
- 304 stainless steel pins and assembly fasteners.

Due to the wide variety of possible materials and applications, please contact the Fresno Valves & Castings sales personnel to receive a quote for our Series 6200 Heavy Duty Cast Iron Flap Gates. A partial list of the options available include the following:

- 1.) Pipe flange mounting with ANSI partial or full 125# drilling.
- 2.) Corrugated metal pipe, plastic or PVC mounting.
- 3.) Wall thimble mounting.
- 4.) Circular manhole or stand pipe mounting.
- 5.) Bronze seating faces or bronze/neoprene seal seating faces.
- 6.) Bronze or stainless steel link arms.
- 7.) Bronze assembly fasteners.

Series 3800 Type R Flap Gate

The Series 3800 Type R Flap Valves are designed for use on pump discharges to prevent the backflow or intrusion of water into the pipe



Size	Type	Part Number	Price
6"	IPS	F038-06000	249.00
8"	IPS	F038-08000	281.00
10"	IPS	F038-10000	361.00
12"	IPS	F038-12000	442.00
6"	O.D.	F038-06004	255.00
8"	O.D.	F038-08004	289.00
10"	O.D.	F038-10004	369.00
12"	O.D.	F038-12004	449.00
14"	O.D.	F038-14004	549.00

Valve Parts

Flap w/Gasket*



Size	Part Number	Price
6"	F038-06130	108.00
8"	F038-08130	128.00
10"	F038-10130	152.00
12"	F038-12130	196.00
14"	F038-14130	246.00

Frame (Iron Seat)**



Size	Part Number	Price
6"	F038-06220	149.00
8"	F038-08220	171.00
10"	F038-10220	205.00
12"	F038-12220	222.00
14"	F038-14222	317.00

Pipe Gasket



Size	Part Number	Price
6"	F038-06150	13.00
8"	F038-08150	15.00
10"	F038-10150	16.00
12"	F038-12150	20.00
14"	F038-14152	29.00

Hinge Pin



Size	Part Number	Price
6"	F038-06140	13.00
8"	F038-08140	17.00
10"	F038-10140	20.00
12"	F038-12140	23.00
14"	F038-14140	33.00

Cotter Pin



Size	Part Number	Price
6"	F904-110	2.00
8"	F904-110	2.00
10"	F904-210	2.25
12"	F904-210	2.25
14"	F904-210	2.25

Set Screw (ea)



Size	Part Number	Price
6"	F903-034	1.75
8"	F903-034	1.75
10"	F903-034	1.75
12"	F903-034	1.75
14"	F903-035	1.75

* Specify aluminum or cast iron cover. Part Numbers shown are for aluminum. Available with bronze seats POA

** Specify IPS or O.D. Part numbers shown are IPS, except 14"

Wall Mount Pressure Relief Valve



Item	Part Number	Price
4" Valve	F031-04000	310.00
Cover	F031-04210	249.00
Seat	F031-04220	62.00
Seal Retainer	F031-04230	17.00

Series 3600 *Swing Check Valve*



Series 3600 Swing Check Valves prevent backflow in irrigation and water control lines.

Size	For IPS Pipe	For PIP Pipe	For OD Pipe
4"	362.00 F036-04000	362.00 F036-04002	362.00 F036-04004
6"	424.00 F036-06000	424.00 F036-06002	424.00 F036-06004
8"	542.00 F036-08000	542.00 F036-08002	542.00 F036-08004
10"	874.00 F036-10000	874.00 F036-10002	874.00 F036-10004

Valve Parts

Body



Size	Part Number	Price
4"	F036-04210	296.00
6"	F036-06210	326.00
8"	F036-08210	434.00
10"	F036-10210	667.00

Bushings



Size	Part Number	Price
4"	F036-04162	10.00
6"	F036-06162	10.00
8"	F036-08162	10.00
10"	F036-08162	10.00

Cover w/Gasket



Size	Part Number	Price
4"	F036-04119	62.00
6"	F036-06119	95.00
8"	F036-08119	124.00
10"	F036-10119	176.00

Plugs



Size	Part Number	Price
4"	F036-04264	5.75
6"	F036-04264	5.75
8"	F036-04264	5.75
10"	F036-04264	5.75

Cover Bolt



Size	Part Number	Price
4"	F036-04148	5.50
6"	F036-06148	5.50
8"	F036-08148	5.50
10"	F036-10148	5.50

Ring*



Size	Part Number	Price
4"	F036-0440	20.00
6"	F036-0640	32.00
8"	F036-0840	40.00
10"	F036-1040	55.00

Arm



Size	Part Number	Price
4"	F036-04230	29.00
6"	F036-06230	40.00
8"	F036-08230	46.00
10"	F036-10230	55.00

Ring Bolts



Size	Part Number	Price
4"	F036-04146	2.50
6"	F036-06146	2.75
8"	F036-08146	3.00
10"	F036-10146	4.25

Hinge Pin



Size	Part Number	Price
4"	F036-04160	9.00
6"	F036-06160	10.00
8"	F036-08160	11.00
10"	F036-10160	12.00

Ring Gasket



Size	IPS	PIP	OD
4"	3.50 P1640-02	6.00 P1639-01	4.50 P1638-02
6"	4.50 P1640-04	6.50 P1639-02	5.50 P1638-04
8"	5.50 P1640-05	7.75 P1639-03	9.00 P1638-05
10"	6.50 P1640-06	10.25 P1639-04	10.00 P1638-06

F036-0436 Torsion Spring 10.70

Note: *Specify for O.D. or for I.D. pipe sizes.

Epoxy Chemigation & Check Valves

Chemigation Check Valve

Chemigation Valve Flanged w/inspection port & air vent

Chemigation and Back Flow prevention valve.



Size	Part Number	Price
3"	P1778-19	462.00
4"	P1778-20	462.00
6"	P1778-21	548.00
8"	P1778-22	636.00
10"	P1778-23	781.00
12"	P1778-24	1,287.00

Chemigation Valve Wedge-Tite w/inspection port & air vent

Chemigation and Back Flow prevention valve with mechanical joint ends.



Size	Part Number	Price
6"	P3649-11	603.00
8"	P3650-11	746.00
10"	P3651-11	876.00

Note: Flange packs must be ordered separately.

Dresser Style IPS Epoxy



Size	Part Number	Price
3"	F090-130C03	552.00
4"	F090-130C04	552.00
5"	F090-130C05	552.00
6"	F090-130C06	563.00
8"	F090-130C08	678.00
10"	F090-130C10	824.00
12"	F090-130C12	1,406.00

Check Valves

Flanged Epoxy



Size	Part Number	Price
4"	P1755-02	293.00
6"	P1753-11	341.00
8"	P1753-12	429.00
10"	P1753-13	515.00
12"	P1753-14	953.00

Dresser Style IPS Epoxy



Size	Part Number	Price
3"	F090-131C03	382.00
4"	F090-131C04	382.00
5"	F090-131C05	466.00
6"	F090-131C06	393.00
8"	F090-131C08	427.00
10"	F090-131C10	547.00

Parts

Inspection Port Flange Adapter

Part	Part Number	Price
Inspection Port Flange Adapter	F090-130-092	32.00

Inspection Port Gasket

Part	Part Number	Price
Inspection Port Gasket	F090-130-090	8.75

Pierce Chemigation & Check Valves

Chemigation Valve Flanged w/inspection port & air vent

Chemigation and Back Flow prevention valve.



Size	Part Number	Price
3"	P1775-60	462.00
4"	P1775-61	462.00
6"	P1778-61	548.00
8"	P1778-62	636.00
10"	P1778-63	781.00
12"	P1778-64	1,287.00

Chemigation Valve Wedge-Tite w/inspection port & air vent

Chemigation and Back Flow prevention valve with mechanical joint ends.



Size	Part Number	Price
6"	P3649-01	603.00
8"	P3650-01	746.00
10"	P3651-01	876.00

Note: Flange packs must be ordered separately.

Check Valve Flanged

Back Flow prevention valve.



Size	Part Number	Price
3"	P1753-05	262.00
4"	P1755-01	293.00
6"	P1753-01	341.00
8"	P1753-02	429.00
10"	P1753-03	515.00
12"	P1753-04	953.00

Check Valve Plain End (Valve Check PE x PE ASM)

Back Flow prevention valve. Welds into steel pipe line.



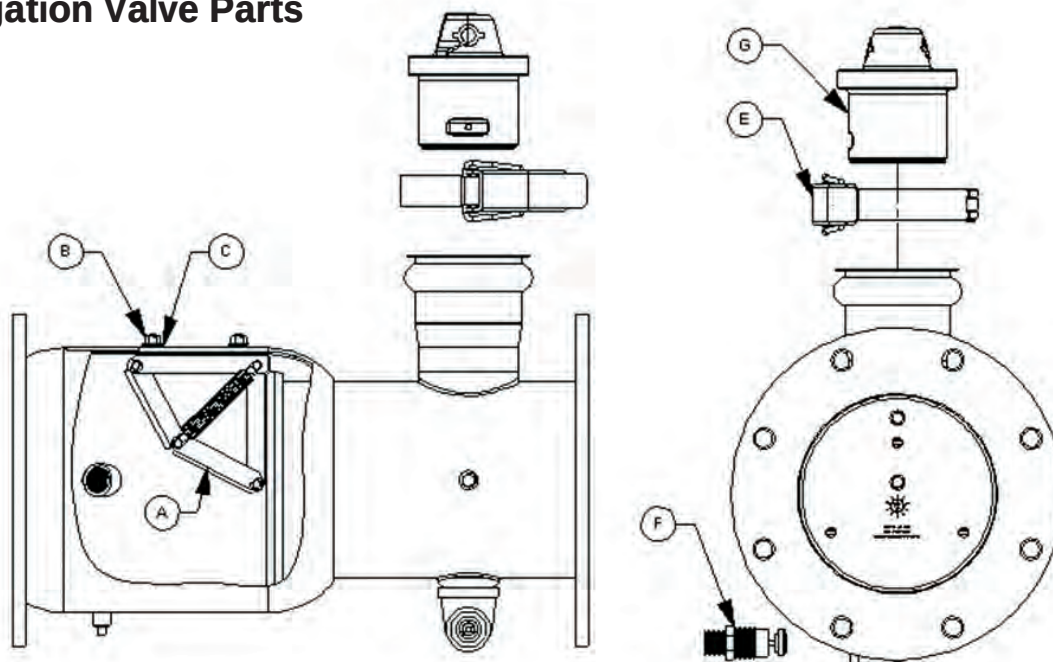
Size	Part Number	Price
3"	P1752-05	207.00
4"	P1754-01	218.00
6"	P1752-01	251.00
8"	P1752-02	315.00
10"	P1752-03	389.00
12"	P1752-04	647.00

Abbreviations

ASM – Assembly
PE – Plain End

Pierce Chemigation & Check Valves

Chemigation Valve Parts



Chemigation and Check Valves repair parts.

Part	Letter	Part Number	Price
3" Stainless Steel Linkage Kit w/Disc	A	P9091-06	130.00
4" Stainless Steel Linkage Kit w/Disc	A	P9091-04	156.00
6" Stainless Steel Linkage Kit w/Disc	A	P9091-01	188.00
8" Stainless Steel Linkage Kit w/Disc	A	P9091-02	214.00
10" Stainless Steel Linkage Kit w/Disc	A	P9091-03	244.00
12" Stainless Steel Linkage Kit w/Disc	A	P9091-05	302.00
Nut lock UNI-TQ 3/8", all sizes (2 required)	B	P2073-03	1.00
3/8" Sealing Washer, all sizes (2 required)	C	P2043-03	.75
Washer, SAE Plt 3/8", all sizes (2 required)	C	P2042-08	.75
4" Ringlock Ring	E	P2123-08	16.00
Drain Valve Assembly PVC	F	P2381-04	6.50
2" Air Relief	G	F030-20006	48.00
6" Spring	*	P2136-01	4.25
8" Spring	*	P2136-02	7.50
10" Spring	*	P2136-03	12.00
Old Style Airvent Adapter	*	P1773-01	76.00

* Not Shown

Series 3700 Wafer Check Valve



Model CVW 150

The Series 3700 Wafer Check Valves are designed for simple flange support installations between standard flanges in horizontal or vertical positions.

Also provides effective backflow prevention.

Size	Part Number	Price
3"	F037-30000	85.00
4"	F037-40000	122.00
5"	F037-50000	187.00
6"	F037-60000	215.00
8"	F037-80000	362.00
10"	F037-10000	529.00

Size	Part Number	Price
12"	F037-12000	990.00
14"	F037-14000	1,693.00
16"	F037-16000	2,365.00
18"	F037-18000	3,331.00
20"	F037-20000	4,073.00
24"	F037-24000	6,092.00

Series 4000 *PW, YW, & SW Line Gate*



The Series 4000 Line Gate Valves are in-line gate valves used to shut off and regulate distribution lines, at pumps and in field irrigation systems.

40B-PW Line Gate Valve PVC			SW Line Gate Valve Solvent Weld		40A-YW Hub End Gate Valve Concrete			
Size	Iron Seat	Bronze Seat	IPS PIP Iron Seat	IPS PIP Bronze Seat	Iron Seat	Bronze Seat	Std O.D. Steel Stubs	Flanged Ends
6"	996.00 F040-06002	1,404.00 F040-06003						
8"	1,038.00 F040-08002	1,454.00 F040-08003	1,313.00 F040-08030 F040-08020	1,729.00 F040-08030B F040-08020B	935.00 F040-08000	1,349.00 F040-08001	1,439.00 F040-08010	1,526.00 F040-08014
10"	1,285.00 F040-10002	1,752.00 F040-10003	1,565.00 F040-10030 F040-10020	2,029.00 F040-10030B F040-10020B	1,177.00 F040-10000	1,582.00 F040-10001	1,765.00 F040-10010	1,876.00 F040-10014
12"	1,526.00 F040-12002	1,996.00 F040-12003	1,785.00 F040-12030 F040-12020	2,253.00 F040-12030B F040-12020B	1,382.00 F040-12000	1,931.00 F040-12001	2,089.00 F040-12010	2,226.00 F040-12014
14"					1,663.00 F040-14000	2,337.00 F040-14001	2,364.00 F040-14010	2,520.00 F040-14014
15"	1,835.00 F040-14002	2,148.00 F040-14003	2,355.00 F040-15020	2,642.00 F040-15020B				
16"					2,167.00 F040-16000	3,111.00 F040-16001	2,869.00 F040-16010	3,025.00 F040-16014
18"	3,405.00 F040-18002	4,623.00 F040-18003			2,720.00 F040-18000	3,904.00 F040-18001	3,596.00 F040-18010	3,841.00 F040-18014
20"	4,338.00 F040-20002	5,963.00 F040-20003			3,858.00 F040-20000	5,430.00 F040-20001	4,684.00 F040-20010	5,102.00 F040-20014
24"	9,735.00 F040-24002	12,349.00 F040-24003			8,425.00 F040-24000	10,861.00 F040-24001	10,436.00 F040-24010	11,007.00 F040-24014

Series 4000 *Bellmouth Type Hub End Gate Valve*



The Bellmouth Valve functions much like the Series 4000, but allows an 8" gate to be adapted to a 12" pipe.

Size	Bell Size	Part Number	Price
8"	12"	F040-08012	1,662.00

*Standard with bronze seats, less handwheel.

Series 4000 PW, YW, & SW Line Gate

Valve Parts



Size	PW Body (Iron Seat)	YW Body (Iron Seat)	SW PIP Body (Iron Seat)	SW IPS Body (Iron Seat)	Top	Slide (Iron Seat)	Slide (Bronze Seat)	Bar
6"	484.00 F040-06130				133.00 F040-06254	99.00 F040-06245	261.00 F040-06146	35.00 F040-06250
8"	508.00 F040-08130	416.00 F040-08215	628.00 F040-08219	628.00 F040-08319	145.00 F040-08254	106.00 F040-08245	266.00 F040-08146	38.00 F040-08250
10"	605.00 F040-10130	589.00 F040-10215	1,009.00 F040-10219	1,009.00 F040-10319	169.00 F040-10254	113.00 F040-10245	292.00 F040-10146	48.00 F040-10250
12"	751.00 F040-12130	705.00 F040-12215	1,084.00 F040-12219	1,084.00 F040-12319	231.00 F040-12254	127.00 F040-12245	332.00 F040-12146	55.00 F040-12250
14"		905.00 F040-14215			278.00 F040-14254	193.00 F040-14245	466.00 F040-14146	80.00 F040-14250
15"	951.00 F040-14130		1,482.00 F040-15219		278.00 F040-14254	193.00 F040-14245	466.00 F040-14146	80.00 F040-14250
16"		1,088.00 F040-16215			422.00 F040-16254	241.00 F040-16245	618.00 F040-16146	91.00 F040-16250
18"	1,437.00 F040-18120	1,271.00 F040-18215			475.00 F040-18254	296.00 F040-18245	766.00 F040-18146	145.00 F040-18250
20"	2,200.00 F040-20120	2,092.00 F040-20215			675.00 F040-20254	485.00 F040-20245	1,074.00 F040-20146	284.00 F040-20250
24"	5,095.00 F040-24215	5,095.00 F040-24215			1,534.00 F040-24254	1,069.00 F040-24245	1,985.00 F040-24146	460.00 F040-24250



Size	Screw	Stem Block	Handwheel	Body Gasket	Top Gasket	Stuffing Box	Gland	Stuffing Box Complete	Body Bolts & Nuts (set)
6"	109.00 F040-06174	20.00 F040-06276	45.00 F040-06134	32.00 F040-06886	5.25 F040-06888	30.00 F040-06258	19.00 F040-06262	63.00 F040-06132	18.00 F040-06184
8"	109.00 F040-08174	20.00 F040-06276	45.00 F040-06134	32.00 F040-08886	5.25 F040-06888	30.00 F040-06258	19.00 F040-06262	63.00 F040-06132	18.00 F040-08184
10"	109.00 F040-10174	20.00 F040-06276	45.00 F040-06134	32.00 F040-10886	5.25 F040-06888	30.00 F040-06258	19.00 F040-06262	63.00 F040-06132	21.00 F040-10184
12"	132.00 F040-12174	24.00 F040-12276	49.00 F040-12134	39.00 F040-12886	6.50 F040-12888	44.00 F040-12258	19.00 F040-12262	71.00 F040-12132	21.00 F040-12184
14"	142.00 F040-14174	24.00 F040-12276	49.00 F040-12134	44.00 F040-14886	6.50 F040-12888	44.00 F040-12258	19.00 F040-12262	71.00 F040-12132	21.00 F040-14184
15"	142.00 F040-14174	24.00 F040-12276	49.00 F040-12134	44.00 F040-14886	6.50 F040-12888	44.00 F040-12258	19.00 F040-12262	71.00 F040-12132	21.00 F040-14184
16"	182.00 F040-16174	24.00 F040-12276	49.00 F040-12134	44.00 F040-16886	6.50 F040-12888	44.00 F040-12258	19.00 F040-12262	71.00 F040-12132	26.00 F040-16184
18"	182.00 F040-18174	24.00 F040-12276	49.00 F040-12134	52.00 F040-18886	6.50 F040-12888	44.00 F040-12258	19.00 F040-12262	71.00 F040-12132	31.00 F040-18184
20"	254.00 F040-20174	70.00 F040-20276	88.00 F040-20134	66.00 F040-20886	8.75 F040-20888	61.00 F040-20258	32.00 F040-20262	98.00 F040-20132	42.00 F040-20184
24"	301.00 F040-24174	70.00 F040-20276	88.00 F040-20134	91.00 F040-24886	8.75 F040-20888	61.00 F040-20258	32.00 F040-20262	98.00 F040-20132	52.00 F040-24184

Series 4000 *PW, YW, & SW Line Gate*

Valve Parts



Size	Gland Bolts & Nuts (set)	Coupler	Coupler Set Screw	Handle Ext. (2 ft.)	2" Sq Operating Nut	Stuffing Box Packing	Stuffing Box Mounting Bolts	Removable* Guides (ea.)	Removable Guide Bolts (ea.)
6"	6.75 F040-06163	16.00 F040-06136	1.75 F903-034	45.00 F040-06189	28.00 F040-01260	5.00 F040-0690	2.25 F040-06159	19.00 F040-06220	2.25 F040-06195
8"	6.75 F040-06163	16.00 F040-06136	1.75 F903-034	45.00 F040-06189	28.00 F040-01260	5.00 F040-0690	2.25 F040-06159	19.00 F040-08220	2.25 F040-06195
10"	6.75 F040-06163	16.00 F040-06136	1.75 F903-034	45.00 F040-06189	28.00 F040-01260	5.00 F040-0690	2.25 F040-06159	20.00 F040-10220	2.25 F040-06195
12"	6.75 F040-06163	18.00 F040-12136	1.75 F903-034	48.00 F040-12189-024	31.00 F040-01261	5.25 F040-1290	2.25 F040-06159	21.00 F040-12220	2.50 F040-12195
14"	6.75 F040-06163	18.00 F040-12136	1.75 F903-034	48.00 F040-12189-024	31.00 F040-01261	5.25 F040-1290	2.25 F040-06159		
15"	6.75 F040-06163	18.00 F040-12136	2.00 F903-034	48.00 F040-12189-024	31.00 F040-01261	5.25 F040-1290	2.25 F040-06159	23.00 F040-14220	2.50 F040-14195
16"	6.75 F040-06163	18.00 F040-12136	2.00 F903-034	48.00 F040-12189-024	31.00 F040-01261	5.25 F040-1290	2.25 F040-06159		
18"	6.75 F040-06163	18.00 F040-12136	2.00 F903-034	48.00 F040-12189-024	31.00 F040-01261	5.25 F040-1290	2.25 F040-06159		
20"	6.75 F040-06163	25.00 F040-20136	2.00 F903-034	72.00 F040-20189	34.00 F040-01262	5.25 F088-0300	2.25 F040-06159		
24"	6.75 F040-06163	25.00 F040-20136	2.00 F903-034	72.00 F040-20189	34.00 F040-01262	5.25 F088-0300	2.25 F040-06159		

*Left Guide Part # shown.

Series 4200 Type W Pressure Gate



Series 4200 Type W Pressure Gates hold pressure in both flow directions and are used in canals, flood control systems, pipeline distribution, waste water systems, oil refineries and various industrial water control applications.

Gate Description	6"	8"	10"	12"	14"	16"	18"	20"	24"
Complete Gate w/ Iron Seat	702.00 F042-06000	838.00 F042-08000	1,070.00 F042-10000	1,183.00 F042-12020	1,395.00 F042-14020	1,755.00 F042-16020	2,019.00 F042-18000	2,547.00 F042-20000	3,128.00 F042-24000
Complete Gate w/ Bronze Seat	1,288.00 F042-06001	1,553.00 F042-08001	1,711.00 F042-10001	1,897.00 F042-12021	2,136.00 F042-14021	2,730.00 F042-16021	3,050.00 F042-18001	POA F042-20001	5,415.00 F042-24001

Parts



Size	Frame w/Iron Seat	Frame w/Bronze Seat	Bar	Slide w/Iron Seat	Slide w/ Bronze Seat	Bronze Screw w/ Screwhead	Handwheel	Half Side Guide (upper)	Half Side Guide (lower)
6"	434.00 F042-06210	1,039.00 F042-06111	35.00 F040-06250	99.00 F040-06245	261.00 F040-06146	112.00 F042-06130	45.00 F040-06134	31.00 F042-06242	31.00 F042-06244
8"	510.00 F042-08210	1,095.00 F042-08111	38.00 F040-08250	106.00 F040-08245	266.00 F040-08146	112.00 F042-08130	45.00 F040-06134	31.00 F042-08242	35.00 F042-08244
10"	756.00 F042-10210	1,215.00 F042-10111	48.00 F040-10250	113.00 F040-10245	292.00 F040-10146	119.00 F042-10130	45.00 F040-06134	31.00 F042-10242	44.00 F042-10244
12"	785.00 F042-12211	1,297.00 F042-12111	55.00 F040-12250	127.00 F040-12245	332.00 F040-12146	134.00 F042-12130	49.00 F040-12134		
14"	943.00 F042-14211	1,397.00 F042-14111	80.00 F040-14250	193.00 F040-14245	466.00 F040-14146	149.00 F042-14130	49.00 F040-12134		
16"	955.00 F042-16211	1,521.00 F042-16111	91.00 F040-16250	241.00 F040-16245	618.00 F040-16146	187.00 F042-16130	49.00 F040-12134		
18"	961.00 F042-18210	1,804.00 F042-18111	145.00 F040-18250	296.00 F040-18245	766.00 F040-18146	206.00 F042-18130	49.00 F040-12134		
20"	1,194.00 F042-20210	2,098.00 F042-20111	284.00 F040-20250	485.00 F040-20245	1,074.00 F040-20146	271.00 F042-20130	88.00 F040-20134		
24"	1,226.00 F042-24210	2,120.00 F042-24111	460.00 F040-24250	1,069.00 F040-24245	1,985.00 F040-24146	296.00 F042-24130	88.00 F040-20134		

Series 4200 Type W Pressure Gate

Parts



Size	Full Side Guide	Lift Nut	Collar (gland)	Guide Bolts (set)	Collar Bolts (set)	Screw Head w/pin	Headbar	Stop	Side Angle Right (ea.)	Side Angle Left (ea.)
6"	13.00	20.00	15.00	3.75	3.50	23.00				
	F042-06240	F040-06276	F042-06274	F042-06150	F042-06176	F042-06170				
8"	14.00	20.00	15.00	3.75	3.50	23.00				
	F042-08240	F040-06276	F042-06274	F042-08150	F042-06176	F042-06170				
10"	16.00	20.00	15.00	3.75	3.50	23.00				
	F042-10240	F040-06276	F042-06274	F042-10150	F042-06176	F042-06170				
12"		24.00	19.00	5.00	4.25	32.00	53.00	19.00	32.00	32.00
		F040-12276	F042-12274	F042-12150	F042-12176	F042-12170	F042-12255	F042-12246	F042-12138	F042-12136
14"		24.00	19.00	5.00	4.25	32.00	78.00	19.00	32.00	32.00
		F040-12276	F042-12274	F042-14150	F042-12176	F042-12170	F042-14255	F042-12246	F042-14138	F042-14136
16"		24.00	19.00	6.00	4.25	32.00	89.00	19.00	37.00	37.00
		F040-12276	F042-12274	F042-16150	F042-12176	F042-12170	F042-16255	F042-12246	F042-16138	F042-16136
18"		24.00	19.00	6.00	4.25	32.00	156.00	31.00	44.00	44.00
		F040-12276	F042-12274	F042-18150	F042-12176	F042-12170	F042-18255	F042-18246	F042-18138	F042-18136
20"		70.00	36.00	6.00	5.00	56.00	215.00	31.00	62.00	62.00
		F040-20276	F042-20274	F042-20150	F042-20176	F042-20170	F042-20255	F042-20246	F042-20138	F042-20136
24"		70.00	36.00	8.00	5.00	56.00	262.00	47.00	84.00	84.00
		F040-20276	F042-20274	F042-24150	F042-20176	F042-20170	F042-24255	F042-24246	F042-24138	F042-24136

Series 6600 Model 101C Slide Gate

Series 6600 Slide Gates are used where pressure is in seating direction only. Flat back models for headwall or flange mounting. Spigot back models for mounting to corrugated pipe. Applications include canals and ditches, flood control systems, oil refineries, fish hatcheries and various low head industrial water control systems.



Gate Size	Wt. Lbs.	Frame Material	Minimum Frame Ht.	Flat Back	Spigot Back	Add Per Ft.
6"	56	Galv.	24"	634.00 F066-06G024	667.00 F066-06H024	50.00
8"	65	Galv.	24"	680.00 F066-08G024	693.00 F066-08H024	50.00
10"	70	Galv.	24"	754.00 F066-10G024	758.00 F066-10H024	50.00
12"	79	Galv.	24"	765.00 F066-12G024	778.00 F066-12H024	50.00
14"	89	Galv.	36"	857.00 F066-14G036	868.00 F066-14H036	50.00
15"	104	Galv.	36"	870.00 F066-15G036	894.00 F066-15H036	50.00
16"	113	Galv.	36"	1,016.00 F066-16G036	1,036.00 F066-16H036	50.00
18"	152	Galv.	36"	1,128.00 F066-18G036	1,168.00 F066-18H036	62.00
20"	171	Galv.	48"	1,450.00 F066-20G048	1,473.00 F066-20H048	62.00
21"	179	Galv.	48"	1,531.00 F066-21G048	1,583.00 F066-21H048	62.00
24"	199	Galv.	48"	1,630.00 F066-24G048	1,684.00 F066-24H048	62.00
30"	366	Galv.	60"	2,605.00 F066-30G060	2,698.00 F066-30H060	84.00
36"	576	Galv.	72"	3,047.00 F066-36G072	3,309.00 F066-36H072	84.00
42"	680	Galv.	72"	5,510.00 F066-42G072	5,891.00 F066-42H072	84.00
48"	738	Galv.	84"	6,878.00 F066-48G084	7,231.00 F066-48H084	84.00
54"	1,230	Galv.	96"	10,693.00 F066-54G096	11,128.00 F066-54H096	150.00
60"	1,805	Galv.	108"	12,802.00 F066-60G108	13,172.00 F066-60H108	153.00

Series 6600 Model 101C Slide Gate

Parts - Model 101C Gates



Size	Slide	Seat, F.B.	Seat, S.B.	Seat Bolt Set	Wedge	Headbar Galv.	Headbar Bolt Seat	Stem Supt. Galv.	Stem Supt. Bolt Set
6"	97.00 F066-06272	120.00 F066-06268	122.00 F066-06270	19.00 F066-061801	16.00 F066-06276	57.00 F066-06501	8.25 F066-061821	43.00 F066-06511	5.25 F066-061831
8"	117.00 F066-08272	124.00 F066-08268	129.00 F066-08270	19.00 F066-061801	16.00 F066-06276	57.00 F066-08501	8.25 F066-061821	43.00 F066-08511	5.25 F066-061831
10"	147.00 F066-10272	137.00 F066-10268	142.00 F066-10270	19.00 F066-061801	16.00 F066-06276	57.00 F066-10501	8.25 F066-061821	43.00 F066-10511	5.25 F066-061831
12"	191.00 F066-12272	158.00 F066-12268	165.00 F066-12270	19.00 F066-061801	16.00 F066-06276	65.00 F066-12501	8.25 F066-061821	43.00 F066-12511	5.25 F066-061831
14"	208.00 F066-14272	192.00 F066-14268	198.00 F066-14270	19.00 F066-061801	16.00 F066-06276	70.00 F066-14501	8.25 F066-061821	46.00 F066-14511	5.25 F066-061831
15"	222.00 F066-15272	199.00 F066-15268	209.00 F066-15270	19.00 F066-061801	16.00 F066-06276	75.00 F066-15501	8.25 F066-061821	50.00 F066-15511	5.25 F066-061831
16"	282.00 F066-16272	270.00 F066-16268	276.00 F066-16270	19.00 F066-161801	16.00 F066-06276	81.00 F066-16501	8.25 F066-061821	58.00 F066-16511	5.25 F066-061831
18"	353.00 F066-18272	294.00 F066-18268	302.00 F066-18270	24.00 F066-181801	25.00 F066-18276	84.00 F066-18501	8.25 F066-061821	59.00 F066-18511	5.25 F066-061831
20"	458.00 F066-20272	443.00 F066-20268	445.00 F066-20270	24.00 F066-181801	25.00 F066-18276	86.00 F066-20501	8.25 F066-061821	61.00 F066-20511	5.25 F066-061831
21"	497.00 F066-21272	471.00 F066-21268	489.00 F066-21270	24.00 F066-181801	25.00 F066-18276	86.00 F066-21501	8.25 F066-061821	61.00 F066-21511	5.25 F066-061831
24"	622.00 F066-24272	582.00 F066-24268	600.00 F066-24270	24.00 F066-181801	25.00 F066-18276	94.00 F066-24501	8.25 F066-061821	67.00 F066-24511	5.25 F066-061831
30"	1,073.00 F066-30272	1,062.00 F066-30268	1,100.00 F066-30270	42.00 F066-301801	48.00 F066-30276	118.00 F066-30501	17.00 F066-301821	88.00 F066-30511	9.00 F066-301831
36"	1,394.00 F066-36272	1,110.00 F066-36268	1,184.00 F066-36270	42.00 F066-301801	48.00 F066-30276	190.00 F066-36501	17.00 F066-301821	99.00 F066-36511	9.00 F066-301831
42"	2,458.00 F066-42272	2,353.00 F066-42268	2,433.00 F066-42270	42.00 F066-301801	48.00 F066-30276	232.00 F066-42501	17.00 F066-301821	128.00 F066-42511	9.00 F066-301831
48"	3,177.00 F066-48272	2,651.00 F066-48268	2,774.00 F066-48270	42.00 F066-301801	48.00 F066-30276	264.00 F066-48501	17.00 F066-301821	155.00 F066-48511	9.00 F066-301831
54"	4,570.00 F066-54272	4,685.00 F066-54268	4,855.00 F066-54270	59.00 F066-541801	86.00 F066-54276	278.00 F066-54501	20.00 F066-541821	161.00 F066-54511	11.00 F066-541831
60"	5,853.00 F066-60272	5,208.00 F066-60268	5,393.00 F066-60270	59.00 F066-541801	86.00 F066-54276	295.00 F066-60501	20.00 F066-541821	173.00 F066-60511	11.00 F066-541831

Series 6400 *Model 20-10C Medium Duty Sluice Gate*

Complete Gates 8" - 48" - Model 20-10C Medium Duty Sluice Gate



Series 6400 Sluice Gates are designed for use in controlling flow through round openings with heads up to 20 ft. on the front side and up to 10 ft. on the back. Flat Back models are mounted to concrete headwalls, or machined to match standard flanges. Spigot Back models are for mounting to corrugated pipe.

Gates

Gate Size (inches)	Wt. Lbs.	Frame Material	Minimum Frame Ht.	Flat Back	Spigot Back	Add Per Ft.
8"	82	Galv.	24"	1,012.00 F064-08G024	1,055.00 F064-08H024	50.00
10"	94	Galv.	24"	1,056.00 F064-10G024	1,106.00 F064-10H024	50.00
12"	108	Galv.	24"	1,187.00 F064-12G024	1,219.00 F064-12H024	50.00
14"	127	Galv.	36"	1,402.00 F064-14G036		50.00
15"	143	Galv.	36"	1,410.00 F064-15G036	1,450.00 F064-15H036	50.00
16"	155	Galv.	36"	1,611.00 F064-16G036		50.00
18"	216	Galv.	36"	1,737.00 F064-18G036	1,788.00 F064-18H036	65.00
20"	243	Galv.	48"	2,060.00 F064-20G048		65.00
21"	260	Galv.	48"	2,197.00 F064-21G048	2,229.00 F064-21H048	65.00
24"	311	Galv.	48"	2,365.00 F064-24G048	2,414.00 F064-24H048	65.00
30"	601	Galv.	60"	3,804.00 F064-30G060	4,044.00 F064-30H060	90.00
36"	742	Galv.	72"	5,068.00 F064-36G072	5,592.00 F064-36H072	114.00
42"	934	Galv.	72"	9,993.00 F064-42G072	11,173.00 F064-42H072	168.00
48"	NA	Galv.	84"	POA F064-48G084	POA F064-48H084	POA

Note: *POA – Price on Application

Series 6400 *Model 20-10C Medium Duty Sluice Gate*

Parts - Model 20-10C Medium Duty Sluice Gate



Size	Seat Bolt Set	Wedge Right	Wedge Left	Headbar Bolt Set	Stem Supt. Bolt Set
8" thru 16"	21.00 F064-081811	30.00 F064-08278	30.00 F064-08276	9.00 F064-081821	5.50 F064-081831
18" thru 24"	26.00 F064-181811	84.00 F064-18278	84.00 F064-18276	9.00 F064-081821	5.50 F064-081831
30" thru 42"	44.00 F064-301811	84.00 F064-30278	84.00 F064-30276	22.00 F064-301821	9.25 F064-301831
48"	POA F064-481811	POA F064-48278	POA F064-48276	POA F064-481821	POA F064-481831

Parts - Model 20-10C Medium Duty Sluice Gate



Size	Slide	Seat Flat Back	Seat Spigot Back	Crossbar	Headbar Galv.	Stem Supt. Galv.
8"	153.00 F064-08272	147.00 F064-08268	153.00 F064-08270	52.00 F064-08274	57.00 F066-08501	43.00 F066-08511
10"	181.00 F064-10272	174.00 F064-10268	181.00 F064-10270	57.00 F064-10274	57.00 F066-10501	43.00 F066-10511
12"	255.00 F064-12272	205.00 F064-12268	207.00 F064-12270	71.00 F064-12274	65.00 F066-12501	43.00 F066-12511
14"	349.00 F064-14272	251.00 F064-14268		87.00 F064-14274	70.00 F066-14501	46.00 F066-14511
15"	362.00 F064-15272	259.00 F064-15268	237.00 F064-15270	117.00 F064-15274	75.00 F066-15501	50.00 F066-15511
16"	388.00 F064-16272	301.00 F064-16268		119.00 F064-16274	81.00 F066-16501	58.00 F066-16511
18"	434.00 F064-18272	423.00 F064-18268	419.00 F064-18270	135.00 F064-18274	84.00 F066-18501	59.00 F066-18511
20"	548.00 F064-20272	532.00 F064-20268		213.00 F064-20274	86.00 F066-20501	61.00 F066-20511
21"	565.00 F064-21272	543.00 F064-21268	543.00 F064-21270	229.00 F064-21274	86.00 F066-21501	61.00 F066-21511
24"	685.00 F064-24272	652.00 F064-24268	659.00 F064-24270	253.00 F064-24274	94.00 F066-24501	67.00 F066-24511
30"	1,215.00 F064-30272	1,131.00 F064-30268	1,135.00 F064-30270	429.00 F064-30274	118.00 F066-30501	88.00 F066-30511
36"	1,633.00 F064-36272	1,437.00 F064-36268	1,430.00 F064-36270	677.00 F064-36274	190.00 F066-36501	100.00 F064-36511
42"	3,913.00 F064-42272	3,139.00 F064-42268	3,146.00 F064-42270	1,143.00 F064-42274	234.00 F064-42501	129.00 F064-42511
48"	POA F064-48272	POA F064-48268		POA F064-48274	POA F064-48501	POA F064-48511

Series 6700 Model 1001C Combination Gate

Series 6700 Combination Gates combine the many features of both slide gates and flap gates into one multi-functional water control device.



Gate Size	Wt. Lbs.	Frame Material	Minimum Frame Ht.	Flat Back	Spigot Back	Add Per Ft.
15"	190	Galv.	36"	3,105.00 F067-15G036	3,119.00 F067-15H036	50.00
18"	220	Galv.	36"	3,279.00 F067-18G036	3,291.00 F067-18H036	62.00
24"	305	Galv.	48"	4,294.00 F067-24G048	4,312.00 F067-24H048	62.00
30"	510	Galv.	60"	5,934.00 F067-30G060	6,059.00 F067-30H060	84.00
36"	655	Galv.	72"	8,684.00 F067-36G072	8,761.00 F067-36H072	84.00
42"	890	Galv.	72"	14,848.00 F067-42G072	14,930.00 F067-42H072	84.00
48"	1,150	Galv.	84"	21,392.00 F067-48G084	21,521.00 F067-48H084	84.00

5 - Gates & Lifts

Parts - Model 1001C Gates

Cover



Gate Size	Part Number	Price
15"	F060-15225	276.00
18"	F060-18225	447.00
24"	F060-24225	622.00
30"	F060-30225	1,124.00
36"	F060-36225	1,293.00
42"	F060-42225	2,897.00
48"	F060-48225	3,837.00

Wedge



Gate Size	Part Number	Price
15"	F067-18276	142.00
18"	F067-18276	142.00
24"	F067-18276	142.00
30"	F067-30276X	164.00
36"	F067-30276X	164.00
42"	F067-30276X	164.00
48"	F067-30276X	164.00

Seat F.B.



Gate Size	Part Number	Price
15"	F066-15268	199.00
18"	F066-18268	294.00
24"	F066-24268	582.00
30"	F066-30268	1,062.00
36"	F066-36268	1,110.00
42"	F066-42268	2,353.00
48"	F066-48268	2,651.00

Middle Ring



Gate Size	Part Number	Price
15"	F067-15272	520.00
18"	F067-18272	729.00
24"	F067-24272	1,413.00
30"	F067-30272	2,662.00
36"	F067-36272	2,940.00
42"	F067-42272	5,510.00
48"	F067-48272	6,228.00

Seat S.B.



Gate Size	Part Number	Price
15"	F066-15270	209.00
18"	F066-18270	302.00
24"	F066-24270	600.00
30"	F066-30270	1,100.00
36"	F066-36270	1,184.00
42"	F066-42270	2,433.00
48"	F066-48270	2,774.00

Series 7000 Handwheel Lifts and Ball Bearing Lifts

Lift Assemblies



Series 7000 Handwheel Lifts are dependable and economical. Models H1 and H2 feature a brass lift nut that ensures smooth operation and extended stem life.

Model H1 Handwheel Lift Assemblies

10" or 14" handwheel ordered separately, see below

Stem Diameter	Lift Nut Material	Part Number	Price
7/8"	Red Brass	H107LRHRN	136.00
1-1/8"	Red Brass	H109LRHRN	149.00

Model H2 Handwheel Lift Assemblies

18", 24" or 30" handwheel ordered separately, see below

Stem Diameter	Lift Nut Material	Part Number	Price
1-1/8"	Red Brass	H209LRHRN	222.00
1-1/2"	Red Brass	H212LRHRN	243.00



Series 7000 Model H1B and H2B Handwheel Lifts are manufactured with lubricated ball bearings to provide the smoothest operation. Reduced friction equates to increased lift capacity.

Model H1B Handwheel Lift Assemblies

10" or 14" handwheel ordered separately, see below

Stem Diameter	Lift Nut Material	Part Number	Price
7/8"	Red Brass	H1B07LRHRN	347.00
1-1/8"	Red Brass	H1B09LRHRN	347.00

Model H2B Handwheel Lift Assemblies

18", 24" or 30" handwheel ordered separately, see below

Stem Diameter	Lift Nut Material	Part Number	Price
1-1/8"	Red Brass	H2B09LRHRN	512.00
1-1/2"	Red Brass	H2B12LRHRN	512.00

Handwheels and Lift Parts



Part Description	Lift Model	Stem Diameter	Part Number	Price
10" Dia. Handwheel	H-1, H1B	7/8" & 1-1/8"	H10H1LN	52.00
14" Dia. Handwheel	H-1, H1B	7/8" & 1-1/8"	H14H1LN	89.00
18" Dia. Handwheel	H-2, H2B	1-1/8" & 1-1/2"	H18H2LN	176.00
24" Dia. Handwheel	H-2, H2B	1-1/8" & 1-1/2"	H24H2LN	198.00
30" Dia. Handwheel	H-2, H2B	1-1/8" & 1-1/2"	H30H2LN	424.00
Lift Nut- Red Brass	H-1	7/8"	H23805-FF	84.00
Lift Nut- Red Brass	H-1	1-1/8"	H23806-FF	84.00
Lift Nut- Red Brass	H-2	1-1/8"	H23022-FF	186.00
Lift Nut- Red Brass	H-2	1-1/2"	H23023-FF	186.00
Lift Nut- Red Brass	H-1B	7/8"	H39107-FF	312.00
Lift Nut- Red Brass	H-1B	1-1/8"	H39109-FF	322.00
Lift Nut- Red Brass	H-2B	1-1/8"	H39111-FF	352.00
Lift Nut- Red Brass	H-2B	1-1/2"	H39113-FF	362.00
Lift Nut- Manganese Bronze	H-1	1-1/8"	H23069--K	164.00
Lift Nut- Manganese Bronze	H-2	1-1/2"	H23070--K	166.00
Stop Nut- Brass	H-1, H1B	7/8"	HSN07LFL	26.00
Stop Nut- Brass	H-1, H-2, H1B, H2B	1-1/8"	HSN09LFL	31.00
Stop Nut- Brass	H-2, H2B	1-1/2"	HSN12LFL	57.00
Collar (Keeper)	H-1	7/8" & 1-1/8"	H22447--A	20.00
Collar (Keeper)	H-2	7/8" & 1-1/8"	H22452--A	69.00
Collar (Keeper)	H-1B	7/8" & 1-1/8"	H39101-AZ	94.00
Collar (Keeper)	H-2B	1-1/8" & 1-1/2"	H39102-AZ	190.00
Ball Bearing	H-1B	7/8" & 1-1/8"	H39115--T	34.00
Ball Bearing	H-2B	1-1/8" & 1-1/2"	H39116--T	69.00
Pedestal-Cast Iron	H-1, H2, H1B, H2B	All	H34826--A	351.00

Note: Lift and stop nut part numbers shown are for our standard left hand double lead roller thread stems.

Series 6800 Shear Gate

Model 68B



Series 6800 Shear Gate Valves are used for flow control in low pressure situations. Available with cast iron or bronze seats for municipal, industrial and agricultural applications.

Model 68B		
Gate Size	Cast Iron Seating	Bronze Seating
6"	886.00 F068-06020	1,484.00 F068-06025
8"	886.00 F068-08020	1,484.00 F068-08025
10"	1,205.00 F068-10020	1,863.00 F068-10025
12"	1,518.00 F068-12020	2,059.00 F068-12025
14"	1,771.00 F068-14020	2,162.00 F068-14025

Note: First 2' handle is standard. Each additional foot is \$8.00/ft.

Series 5200 Galvanized Slide Gate

Standard Size

The Series 5200 Galvanized Slide Gate provides cost effective flow control in low pressure applications. May be used with concrete or plastic pipe.



Gate Diameter	Part Number	Price
6"	F052-0652	112.00
8"	F052-0852	118.00
10"	F052-1052	140.00
12"	F052-1252	162.00
14"	F052-1452	215.00
15"	F052-1552	241.00

Gate Diameter	Part Number	Price
16"	F052-1652	263.00
18"	F052-1852	290.00
20"	F052-2052	337.00
21"	F052-2152	389.00
24"	F052-2452	529.00
30"	F052-3052	754.00

Series 5500 Galvanized Toggle Gate

Series 5500 Galvanized Toggle Gates are used in similar applications to the Series 5200, but utilize a cam action slide which allows the gate to lock into various positions.



Gate Diameter	Full Size	Standard Size	Price
6"	F055-0610	F055-0612	124.00
8"	F055-0810	F055-0812	142.00
10"	F055-1010	F055-1012	159.00
12"	F055-1210	F055-1212	181.00
14"	F055-1410	F055-1412	238.00
15"	F055-1510	F055-1512	279.00
16"	F055-1610	F055-1612	333.00
18"	F055-1810	F055-1812	388.00
20"	F055-2010	F055-2012	473.00
21"	F055-2110	F055-2112	490.00
24"	F055-2410	F055-2412	590.00
30"	F055-3010	F055-3012	930.00

Note: Standard size gates have undersized tubes to fit concrete pipe and allow room for mortared installation. Generally 1/2" undersized.

Full size gates have tubes slightly under normal size for use where less clearance between the pipe and gate is desired.

Series 5300 *Galvanized Distributing Gates*

Standard Size



Series 5300 Galvanized Distributing Gates provide cost effective flow control in very low pressure situations.

Gate Diameter	Tube Length						Slide Only
	1-5/8"	1-3/4"	2"	2-1/2"	3"	4"	
2"	5.00 F053-02015	5.00 F053-02016	5.00 F053-02020	5.00 F053-02024			2.25 F053-02000
2-1/2"	7.25 F053-02415		7.25 F053-02420	7.25 F053-02424	7.25 F053-02430		3.00 F053-02400
3"	9.25 F053-03015		9.25 F053-03020	9.25 F053-03024	9.25 F053-03030	9.25 F053-03040	3.00 F053-03000
4"			13.00 F053-04020	13.00 F053-04024	13.00 F053-04030	13.00 F053-04040	4.00 F053-04000

Note: Part numbers listed are for standard size gates for mortared installation in concrete pipe.

Gates

Gate Diameter	Standard Size	Full Size	PIP Size	Slide Only
5"	33.00 F053-0512			11.00 F053-0500
6"	40.00 F053-0612	40.00 F053-0610	40.00 F053-0620	17.00 F053-0600
8"	45.00 F053-0812	45.00 F053-0810	45.00 F053-0820	19.00 F053-0800
10"	54.00 F053-1012	54.00 F053-1010	55.00 F053-1020	20.00 F053-1000
12"	65.00 F053-1212	65.00 F053-1210	68.00 F053-1220	24.00 F053-1200
14"	73.00 F053-1412			28.00 F053-1400
15"	110.00 F053-1512	110.00 F053-1510	114.00 F053-1520	36.00 F053-1500

Gate Diameter	Standard Size	Full Size	PIP Size	Slide Only
16"	127.00 F053-1612			49.00 F053-1600
18"	174.00 F053-1812	174.00 F053-1810		58.00 F053-1800
20"	277.00 F053-2012	277.00 F053-2010		89.00 F053-2000
21"	287.00 F053-2112	287.00 F053-2110		94.00 F053-2100
24"	389.00 F053-2412	389.00 F053-2410		107.00 F053-2400
30"	574.00 F053-3012	574.00 F053-3010		151.00 F053-3000
36"	867.00 F053-3612	867.00 F053-3610		241.00 F053-3600

Note: Standard size gates have undersized tubes to fit concrete pipe and allow room for mortared installation. Generally 1/2" undersized.
Full size gates have tubes slightly under normal size for use where less clearance between the pipe and gate is desired.
PIP size gates have tubes which fit over the outside diameter of PIP pipe sizes. I.D. 1/4" larger than pipe size.

Series 3300 Dairy Flush

Series 3300 Dairy Valves are designed for flushing concrete slabs and alleys in dairies or other livestock facilities with large volumes of water at low pressure for cleaning purposes.



Manual			Automatic		Floor Mount	
Size	Part No.	Price	Part No.	Price	Part No.	Price
12"	F033-12000	1,137.00	F033-12020	3,465.00	F033-120-325	2,015.00*

*Price does not include price of optional grates, lids, or flange packs.

Valve Parts



Description	Manual		Automatic		Floor Mount	
	Part No.	Price	Part No.	Price	Part No.	Price
Bronze Lift Nut	F033-08250	98.00				
Top Gasket	F033-0858	3.25				
Brass Screw	F033-12164	140.00				
Handwheel	F032-06142	41.00				
Body	F033-12112	757.00	F033-12111	757.00		
Packed Cover	F033-12120	114.00	F033-12120	114.00		
Cover Gasket	F033-12190	17.00	F033-12190	17.00		
Washer	F922-181	1.75	F922-181	1.75		
Cotter Pin	F904-214	1.75	F904-216	3.50		
Air Cylinder			F033-1260	1,773.00		
Cylinder Adapter			F033-12248	273.00		
Cylinder Rod Adapter			F033-12171	88.00		
Cylinder Cover w/Top			F033-12175	146.00		
Solenoid Valve, 24 volt			F033-1262	226.00		
Flow Control Valve			F033-1266	40.00		
Black Poly Tubing, 1/4" (per ft.)			F012-0604	.50		
Male Connector, 1/4"			F981-68PL44	6.00		
Bronze Hex Nipple, 1/2"			F981-216P8	16.00		
Conduit Connector, 1/2"			F033-1263	22.00		
Conduit Fitting, 1/2" MIPT x 1/2" SLIP			F033-1264	1.00		
Male Elbow, 1/4" Tube x 1/4" MIPT			F033-1269	5.00		
			F943-222	1.00		
O-Ring	F943-115	1.00	(1.484 ID)			
			F943-228	1.00		
			(2.234 ID)			
IPS Flange Packs					P1641-07	75.00
PIP Flange Packs					P1642-05	75.00
12" Aluminum Valve Grate					F033-12280	402.00
12" Stainless Steel Pop-up Lid					F033-12284	671.00
12" Steel Pop-up Lid					F033-12288	435.00
Complete Air Bladder Assy.					F033-120-BA1	794.00

Series 3200 Universal Portable Hydrant

Series 3200 Universal Portable Hydrants allow users to distribute water from underground pipelines to surface lines without depressurizing the mainline. Designed to be used with all major brand Alfalfa Valves.



Size	Type	Part Number	Price
8" x 6"	Single Spout Side Clamp	F032-M08014	362.00
8" x 8"	Single Spout Side Clamp	F032-M08016	362.00
10" x 8"	Single Spout Side Clamp	F032-M10016	443.00
10" x 10"	Single Spout Side Clamp	F032-M10018	443.00
12" x 8"	Single Spout Side Clamp	F032-M12016	464.00
12" x 10"	Single Spout Side Clamp	F032-M12018	464.00
12" x 12"	Single Spout Side Clamp	F032-M12019	508.00
14" x 10"	Single Spout Side Clamp	F032-M14015	913.00
14" x 12"	Single Spout Side Clamp	F032-M14016	977.00
8" x 6"	Single Spout Center Tension	F032-M08004	516.00
8" x 8"	Single Spout Center Tension	F032-M08006	516.00
10" x 8"	Single Spout Center Tension	F032-M10006	578.00
10" x 10"	Single Spout Center Tension	F032-M10008	578.00
12" x 8"	Single Spout Center Tension	F032-M12006	535.00
12" x 10"	Single Spout Center Tension	F032-M12008	535.00
12" x 12"	Single Spout Center Tension	F032-M12009	583.00
14" x 10"	Single Spout Center Tension	F032-M14005	983.00

Non-standard ends available on request

Single and Double spout combinations available on request

Parts

Body - Single Spout



Size	Part Number	Price
6"	F032-06136	231.00
8"	F032-08236	326.00
10"	F032-10238	404.00
12"	F032-12239	443.00
14"	F032-14136	539.00

Handwheel



Size	Part Number	Price
6"	F032-06142	41.00
8"	F032-06142	41.00
10"	F032-06142	41.00
12"	F032-06142	41.00
14"	F032-06142	41.00

Wrench Head - Side Clamp



Size	Part Number	Price
6"	F032-06256	23.00
8"	F032-06256	23.00
10"	F032-06256	23.00
12"	F032-06256	23.00
14"	F032-06256	23.00

Stem (Alum.) - Side Clamp



Size	Part Number	Price
6"	F032-06158	30.00
8"	F032-06158	30.00
10"	F032-10158	30.00
12"	F032-10158	30.00
14"	F032-14158	45.00

Stem (Brass) - Center Tension



Size	Part Number	Price
6"	F032-06160	49.00
8"	F032-06160	49.00
10"	F032-10160	56.00
12"	F032-10160	56.00
14"	F032-14160	81.00

Wrench Head - Center Tension (Clutch)



Size	Part Number	Price
6"	F032-06274	36.00
8"	F032-06274	36.00
10"	F032-06274	36.00
12"	F032-06274	36.00
14"	F032-06274	36.00

Series 3200 *Universal Portable Hydrant*

Parts

J-Bolt Handle - Side Clamp



Size	Part Number	Price
6"	F032-06254	9.00
8"	F032-06254	9.00
10"	F032-06254	9.00
12"	F032-06254	9.00
14"	F032-06254	9.00

Spring



Size	Part Number	Price
6"	F032-0650	4.00
8"	F032-0650	4.00
10"	F032-0650	4.00
12"	F032-0650	4.00
14"	F032-0650	4.00

Clamp Handle - Center



Size	Part Number	Price
6"	F032-06268	13.00
8"	F032-06268	13.00
10"	F032-06268	13.00
12"	F032-06268	13.00
14"	F032-06268	13.00

Stirrup Nut



Size	Part Number	Price
6"	F032-06257	11.00
8"	F032-06257	11.00
10"	F032-06257	11.00
12"	F032-06257	11.00
14"	F032-06257	11.00

J-Bolt



Size	Part Number	Price
6"	F032-06149	18.00
8"	F032-06149	18.00
10"	F032-10149	18.00
12"	F032-10149	18.00
14"	F032-06149	18.00

Clamp Nut - Center Tension



Size	Part Number	Price
6"	F032-06270	32.00
8"	F032-06270	32.00
10"	F032-06270	32.00
12"	F032-06270	32.00
14"	F032-06270	32.00

J-Bolt Cotter Pin

Size	Part Number	Price
6"	F904-112	1.75
8"	F904-112	1.75
10"	F904-112	1.75
12"	F904-112	1.75
14"	F904-112	1.75

J-Bolt Assembly



Size	Part Number	Price
6"	F032-06148	30.00
8"	F032-06148	30.00
10"	F032-10148	30.00
12"	F032-10148	30.00
14"	F032-06148	30.00

Clamp Handle Assembly



Size	Part Number	Price
6"	F032-06166	46.00
8"	F032-06166	46.00
10"	F032-06166	46.00
12"	F032-06166	46.00
14"	F032-06166	46.00

Washer - Side Clamp



Size	Part Number	Price
6"	F902-251	1.25
8"	F902-251	1.25
10"	F902-251	1.25
12"	F902-251	1.25
14"	F902-251	1.25

"O" Ring



Size	Part Number	Price
6"	F032-0645	2.00
8"	F032-0645	2.00
10"	F032-0645	2.00
12"	F032-0645	2.00
14"	F032-0645	2.00

Bottom Gasket



Size	Part Number	Price
6"	F032-0646	13.00
8"	F032-0846	16.00
10"	F032-1046	18.00
12"	F032-1246	24.00
14"	F032-1446	31.00

Washer - Center Tension



Size	Part Number	Price
6"	F028-8085	1.75
8"	F028-8085	1.75
10"	F028-8085	1.75
12"	F028-8085	1.75
14"	F028-8085	1.75

Clamp Curl Pin



Size	Part Number	Price
6"	F905-349	2.75
8"	F905-349	2.75
10"	F905-349	2.75
12"	F905-349	2.75
14"	F905-349	2.75

Clutch Bolt



Size	Part Number	Price
6"	F900-122	3.25
8"	F900-122	3.25
10"	F900-122	3.25
12"	F900-122	3.25
14"	F900-122	3.25

Aluminum Oil Pots

Oil Pots

Aluminum Oil Pots act as an oil reservoir at the pump.
Custom lettering is available for advertising or identification.

Type	Part Number	Price
Aluminum Oil Pot (3" tall, uses 1/2" bolt)	F039-01000	125.00
Aluminum Oil Pot (3" tall, uses 5/8" bolt)	F039-01002	128.00
Aluminum Oil Pot (6" tall, uses 1/2" bolt)	F039-01001	128.00
Aluminum Oil Pot (6" tall, uses 5/8" bolt)	F039-01001S	128.00



Oil Pot Parts

Lid



Part Number	Price
F039-01226	43.00

Spring



Part Number	Price
F039-0130	5.50

Long Bracket (6" Tall, Uses 1/2" Bolt)



Part Number	Price
F039-0111	24.00

Short Bracket (3" Tall, Uses 1/2" Bolt)



Part Number	Price
F039-01210	22.00

Long Bracket (6" Tall, Uses 5/8" Bolt)



Part Number	Price
F039-0111S	24.00

Special Bracket (3" Tall, Uses 5/8" Bolt)



Part Number	Price
F039-0112	24.00

Brass and Bronze Valves

Model 210 - 200# WOG Economy Brass Gate Valve Threaded, NRS, Black Cast Iron Handle



Size	Case Qty	Part Number	Price
1/2"	100	F094-210-04	5.50
3/4"	100	F094-210-06	7.25
1"	50	F094-210-1	11.00
1-1/4"	50	F094-210-12	15.00
1-1/2"	30	F094-210-14	21.00
2"	20	F094-210-2	31.00
2-1/2"	10	F094-210-24	65.00
3"	10	F094-210-3	85.00
4"	4	F094-210-4	151.00

Model 220 - Full Port 200# WOG Brass Gate Valve Thrd, NRS Black Cast Iron Star Handle

Size	Case Qty	Part Number	Price
1/4"	120	F094-220-02	9.75
3/8"	120	F094-220-03	9.75
1/2"	120	F094-220-04	9.75
3/4"	80	F094-220-06	14.00
1"	60	F094-220-1	20.00
1-1/4"	40	F094-220-12	29.00
1-1/2"	32	F094-220-14	36.00
2"	20	F094-220-2	53.00
2-1/2"	12	F094-220-24	104.00
3"	8	F094-220-3	149.00
4"	4	F094-220-4	216.00



Model 120 - Standard Port, 150# WSP, 400# WOG Brass Ball Valve, Threaded



Size	Case Qty	Part Number	Price
1/4"	180	F094-120-02	6.00
3/8"	180	F094-120-03	6.00
1/2"	120	F094-120-04	6.00
3/4"	90	F094-120-06	8.50
1"	60	F094-120-1	13.00
1-1/4"	36	F094-120-12	20.00
1-1/2"	24	F094-120-14	28.00
2"	16	F094-120-2	39.00
2-1/2"	8	F094-120-24	106.00
3"	6	F094-120-3	164.00
4"	4	F094-120-4	299.00

Model 130 - Full Port, 150# WSP, 400# WOG Brass Ball Valve, Threaded

Size	Case Qty	Part Number	Price
1/2"	120	F094-130-04	6.25
3/4"	90	F094-130-06	11.00
1"	60	F094-130-1	16.00
1-1/4"	36	F094-130-12	26.00
1-1/2"	24	F094-130-14	35.00
2"	12	F094-130-2	56.00
2-1/2"	8	F094-130-24	158.00
3"	6	F094-130-3	241.00



Miscellaneous Brass Valves

Brass Boiler Drain - w/Stuffing Box, MIPT



Size	Case Qty	Part Number	Price
1/2"	100	F094-911-04	7.00
3/4"	100	F094-911-06	8.00

Sillcock



Size	Case Qty	Part Number	Price
1/2"	72	F094-941-04	7.25
3/4"	72	F094-941-06	8.00

Brass Hose Bib - MIPT



Size	Case Qty	Part Number	Price
1/2"	100	F094-900-04	6.75
3/4"	100	F094-900-06	7.25

Stop & Waste Valve



Size	Case Qty	Part Number	Price
1/2"	72	F094-981-04	9.00
3/4"	72	F094-981-06	10.00

Brass Garden Valve - FIPT



Size	Case Qty	Part Number	Price
1/2"	72	F094-905-04	11.00
3/4"	72	F094-905-06	11.00
1"	72	F094-905-1	12.00

Brass Check Valve



Size	Case Qty	Part Number	Price
2"	24	F094-320-2	46.00
2-1/2"	12	F094-320-24	91.00
3"	6	F094-320-3	139.00
4"	4	F094-320-4	222.00

1/2" Steel Ring Flanges *(Flat Faced 150# Drilling)*

1/2" IPS Pipe Size

Pipe Size	Weight (lbs.)	Outside Diameter	Thickness	Bore	Part Number	Price
2"	3.1	6"	1/2"	2.44"	F083-00-02	11.00
2-1/2"	4.2	7"	1/2"	2.94"	F083-00-025	14.00
3"	4.6	7-1/2"	1/2"	3.57"	F083-00-03	16.00
4"	6.2	9"	1/2"	4.57"	F083-00-04	21.00
5"	6.9	10"	1/2"	5.66"	F083-00-05	24.00
6"	7.8	11"	1/2"	6.72"	F083-00-06	26.00
8"	11.2	13-1/2"	1/2"	8.72"	F083-00-08	38.00
10"	14.0	16"	1/2"	10.88"	F083-00-10	48.00
12"	20.3	19"	1/2"	12.88"	F083-00-12	70.00



1/2", 5/8", & 3/4" Flanges - O.D. Flange Size

Pipe Size	Weight (lbs.)	Outside Diameter	Thickness	Bore	Part Number	Price
2"	3.3	6"	1/2"	2.06"	F083-02-02	11.00
2-1/2"	4.5	7"	1/2"	2.56"	F083-02-025	15.00
3"	5.0	7-1/2"	1/2"	3.06"	F083-02-03	17.00
3-1/2"	6.0	8"	1/2"	3.50"	F083-02-035	21.00
4"	6.7	9"	1/2"	4.06"	F083-02-04	23.00
5"	7.6	10"	1/2"	5.06"	F083-02-05	26.00
6"	8.6	11"	1/2"	6.06"	F083-02-06	30.00
8"	12.3	13-1/2"	1/2"	8.06"	F083-02-08	42.00
10"	15.7	16"	1/2"	10.06"	F083-02-10	54.00
12"	22.4	19"	1/2"	12.06"	F083-02-12	77.00
14"	34.4	21"	5/8"	14.13"	F083-02-14	108.00
16"	37.8	23-1/2"	5/8"	16.13"	F083-02-16	129.00
18"	44.9	25"	3/4"	18.13"	F083-02-18	154.00
20"	52.9	27-1/2"	3/4"	20.13"	F083-02-20	182.00
24"	66.8	32"	3/4"	24.13"	F083-02-24	229.00

Stainless Steel - 1/2" Nominal (IPS) Pipe Size

Pipe Size	Weight (lbs.)	Outside Diameter	Thickness	Bore	Part Number	Price
3"	4.7	7-1/2"	1/2"	3.57"	F083-10-03	88.00
4"	6.1	9"	1/2"	4.57"	F083-10-04	119.00
5"	7.0	10"	1/2"	5.66"	F083-10-05	134.00
6"	7.7	11"	1/2"	6.72"	F083-10-06	150.00
8"	11.3	13-1/2"	1/2"	8.72"	F083-10-08	218.00
10"	14.0	16"	1/2"	10.88"	F083-10-10	271.00
12"	21.3	19"	1/2"	12.88"	F083-10-12	404.00

Ring Flanges *(Flat Faced 150# Drilling)*

(Class D Steel / Water Service Rated at 150 psi / Flat Faced)

4"-12" Water service rated at 175 psi. Greater than 12" rated at 150 psi.

Class D - Nominal (IPS) Pipe Size - Not all dimensions conform to specific AWWA class specifications.



Pipe Size	Weight (lbs.)	Outside Diameter	Thickness	Bore	Part Number	Price
1-1/2"	3.4	5"	5/8"	1.95"	F083-20-015	12.00
2"	3.9	6"	5/8"	2.45"	F083-20-02	13.00
2-1/2"	5.3	7"	5/8"	2.95"	F083-20-025	18.00
3"	5.8	7-1/2"	5/8"	3.57"	F083-20-03	20.00
3-1/2"	7.2	8-1/2"	5/8"	4.07"	F083-20-035	25.00
4"	7.8	9"	5/8"	4.57"	F083-20-04	27.00
5"	8.7	10"	5/8"	5.66"	F083-20-05	30.00
6"	10.7	11"	11/16"	6.72"	F083-20-06	37.00
8"	15.3	13-1/2"	11/16"	8.72"	F083-20-08	52.00
10"	19.3	16"	11/16"	10.88"	F083-20-10	67.00
12"	33.0	19"	13/16"	12.88"	F083-20-12	114.00

Class D - OD Pipe Size - Not all dimensions conform to specific AWWA class specifications.

Pipe Size	Weight (lbs.)	Outside Diameter	Thickness	Bore	Part Number	Price
4"	8.4	9"	5/8"	4.06"	F083-22-04	29.00
5"	9.5	10"	5/8"	5.06"	F083-22-05	33.00
6"	11.9	11"	11/16"	6.06"	F083-22-06	41.00
8"	16.9	13-1/2"	11/16"	8.06"	F083-22-08	58.00
10"	21.7	16"	11/16"	10.06"	F083-22-10	74.00
12"	36.4	19"	13/16"	12.06"	F083-22-12	125.00
14"	46.9	21"	15/16"	14.13"	F083-22-14	161.00
16"	60.0	23-1/2"	1"	16.13"	F083-22-16	207.00
18"	63.4	25"	1-1/6"	18.13"	F083-22-18	218.00
20"	79.7	27-1/2"	1-1/8"	20.13"	F083-22-20	274.00
24"	111.3	32"	1-1/4"	24.13"	F083-22-24	308.00
30"	164.7	38-3/4"	1-3/8"	30.13"	F083-22-30	428.00
36"	259.7	46"	1-5/8"	36.19"	F083-22-36	632.00
42"	361.1	53"	1-3/4"	42.19"	F083-22-42	996.00
48"	426.3	59-1/2"	1-3/4"	48.19"	F083-22-48	1,638.00

PVC Flange



Size	Description	Part Number	Price
4"	PVC Flange of IPS	F980-854-040	64.00
6"	PVC Flange of IPS	F980-854-060	92.00
8"	PVC Flange of IPS	F980-854-080	162.00
10"	PVC Flange of IPS	F980-854-100	254.00
6"	PIP x IPS Adapt	F980-431-060	34.00
8"	PIP x IPS Adapt	F980-431-080	40.00

Blind Flanges

1/2" Thick Blind Flanges



Pipe Size	Weight (lbs.)	Diameter	Thickness	Bore	Part Number	Price
3"	6.0	7-1/2"	1/2"	Blind	F083-40-03	20.00
4"	8.6	9"	1/2"	Blind	F083-40-04	28.00
5"	10.6	10"	1/2"	Blind	F083-40-05	35.00
6"	13.0	11"	1/2"	Blind	F083-40-06	43.00
8"	19.6	13-1/2"	1/2"	Blind	F083-40-08	65.00
10"	27.0	16"	1/2"	Blind	F083-40-10	90.00
12"	39.0	19"	1/2"	Blind	F083-40-12	129.00

Class "B" Blind Flanges - 4"-12" water service rated at 175 psi. Greater than 12" rated at 150 psi.

Pipe Size	Weight (lbs.)	Diameter	Thickness	Bore	Part Number	Price
4"	10.6	8"	5/8"	Blind	F083-42-04	35.00
5"	13.0	10"	5/8"	Blind	F083-42-05	43.00
6"	18.0	11"	11/16"	Blind	F083-42-06	60.00
8"	26.0	13-1/2"	11/16"	Blind	F083-42-08	86.00
10"	48.0	16"	11/16"	Blind	F083-42-10	159.00
12"	83.0	19"	13/16"	Blind	F083-42-12	274.00
14"	95.0	21"	15/16"	Blind	F083-42-14	314.00
16"	113.0	23-1/2"	1"	Blind	F083-42-16	374.00
18"	150.0	25"	1-1/16"	Blind	F083-42-18	497.00
20"	181.0	27-1/2"	1-1/8"	Blind	F083-42-20	599.00
24"	273.0	32"	1-1/4"	Blind	F083-42-24	901.00
30"	436.0	38-3/4"	1-3/8"	Blind	F083-42-30	1,439.00
36"	735.0	46"	1-5/8"	Blind	F083-42-36	2,426.00

Gaskets 150# Drilling

1/16" Fiber-filled Ring Gasket



Size	Part Number	Price
2"	F083-81-02	.80
2-1/2"	F083-81-025	1.25
3"	F083-81-03	1.50
4"	F083-81-04	2.25
5"	F083-81-05	2.75
6"	F083-81-06	3.25
8"	F083-81-08	5.00
10"	F083-81-10	7.50
12"	F083-81-12	10.00
14"	F083-81-14	14.00
16"	F083-81-16	16.00
18"	F083-81-18	22.00
20"	F083-81-20	29.00
24"	F083-81-24	40.00

1/16" Red Rubber Full Face Gasket



Size	Part Number	Price
2"	F083-82-02	1.50
2-1/2"	F083-82-025	1.75
3"	F083-82-03	2.00
4"	F083-82-04	3.00
5"	F083-82-05	3.75
6"	F083-82-06	4.75
8"	F083-82-08	6.25
10"	F083-82-10	8.25
12"	F083-82-12	10.00
14"	F083-82-14	11.00
16"	F083-82-16	17.00
18"	F083-82-18	17.00
20"	F083-82-20	19.00
24"	F083-82-24	29.00

1/16" Fiber-filled Full Face Gasket



Size	Part Number	Price
2"	F083-80-02	2.25
2-1/2"	F083-80-025	3.00
3"	F083-80-03	3.25
4"	F083-80-04	3.75
5"	F083-80-05	4.50
6"	F083-80-06	5.00
8"	F083-80-08	7.25
10"	F083-80-10	12.00
12"	F083-80-12	15.00
14"	F083-80-14	16.00
16"	F083-80-16	23.00
18"	F083-80-18	26.00
20"	F083-80-20	31.00
24"	F083-80-24	43.00

Compression Couplings *Flexible Steel*

Couplings with Steel Barrel

Dresser Style couplings connect IPS, O.D., PIP pipe sizes inline. Also allows for transitions between different types of pipe.

Standard



Size	Part Number	Price
3"	F090-120A03	73.00
4"	F090-120A04	83.00
5"	F090-120A05	94.00
6"	F090-120A06	107.00
8"	F090-120A08	120.00
10"	F090-120A10	164.00
12"	F090-120A12	215.00

Coupling Gaskets



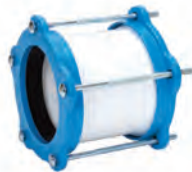
Size	Type	Part Number	Price
2-3/8"	IPS	F088-3023	4.50
3-1/2"	IPS	P1640-01	3.50
4-1/2"	IPS	P1640-02	3.50
5-1/2"	IPS	P1640-03	6.25
6-5/8"	IPS	P1640-04	4.50
8-5/8"	IPS	P1640-05	5.50
10-3/4"	IPS	P1640-06	6.50
12-3/4"	IPS	P1640-07	18.00
4"	OD/PIP	P1638-02	4.50
6"	OD/PIP	P1638-04	5.50
8"	OD/PIP	P1638-05	9.00
10"	OD/PIP	P1638-06	10.00
12"	OD/PIP	P1638-07	23.00
14"	OD	F088-3142	22.00
15"	OD/PIP	F088-3152	23.00
16"	OD/PIP	F088-3162	25.00
18"	OD/PIP	P1639-08	33.00
21"	PIP	P1639-09	96.00
24"	PIP	P1639-10	138.00

IPS Long



Size	Part Number	Price
3"	F090-120A03L	92.00
4"	F090-120A04L	108.00
6"	F090-120A06L	121.00
8"	F090-120A08L	145.00
10"	F090-120A10L	189.00
12"	F090-120A12L	242.00

O.D.



Size	Part Number	Price
4"	F090-120B04	95.00
5"	F090-120B05	108.00
6"	F090-120B06	112.00
8"	F090-120B08	132.00
10"	F090-120B10	165.00
12"	F090-120B12	220.00
14"	F090-120B14	253.00
16"	F090-120B16	534.00

Coupling Gaskets (AC type)



Size	Part Number	Price
6.57" - 6.70"	F090-120-073	19.00
6.84" - 7.28"	F090-120-063	19.00
8.56" - 8.75"	F090-120-072	22.00
8.99" - 9.43"	F090-120-062	22.00

PIP



Size	Part Number	Price
3"	F090-120C03	92.00
4"	F090-120C04	108.00
6"	F090-120C06	121.00
8"	F090-120C08	145.00
10"	F090-120C10	189.00
12"	F090-120C12	242.00
15"	F090-120C15	499.00
18"	F090-120C18	763.00
21"	F090-120C2124	1,087.00
24"	F090-120C2424	1,513.00

Reducer Compression Coupler Well Seals

For connecting pipes of different diameters. Also used to seal wells between column and well casing.

Size	Part Number	Price
6" x 8"	F090-120G08A	231.00
6" x 10"	F090-120G10B	231.00
6" x 12"	F090-120G12C	290.00
6" x 16"	F090-120H16D	369.00
8" x 10"	F090-120G10A	233.00
8" x 12"	F090-120G12B	290.00
8" x 16"	F090-120H16C	369.00
10" x 12"	F090-120G12A	343.00
10" x 16"	F090-120H16B	369.00



Compression Couplings

Coupling for PIP with PVC Barrel Regular Dresser 12" long



PIP Size	Part Number	Price
6"	F090-120C06P	144.00
8"	F090-120C08P	164.00
10"	F090-120C10P	209.00
12"	F090-120C12P	270.00
15"	F090-120C15P	538.00

Clear View (Barrel only)

All sizes use 4 1/2" long barrel



Size	Part Number	Price
2-3/8"	F090-120-049	32.00
3-1/2"	F090-120-047	41.00
4-1/2"	F090-120-044	55.00
5-1/2"	F090-120-048	57.00
6-5/8"	F090-120-043	62.00
8-5/8"	F090-120-042	90.00

Clear View Coupler (Complete)



Size	Part Number	Price
2-3/8"	F090-120D02	64.00
3-1/2"	F090-120D03	77.00
4-1/2"	F090-120D04	89.00
5-1/2"	F090-120D05	113.00
6-5/8"	F090-120D06	127.00
8-5/8"	F090-120D08	185.00

Cement/Asbestos Couplers



Size	Part Number	Price
6" AC to 6-5/8" Iron Pipe	F090-120S06	111.00
8" AC to 8-5/8" Iron Pipe	F090-120S08	171.00

Plastic Drain Valve



Plastic Drain Valve

Size	Part Number	Price
3/4"	P2381-04	6.50

Draw Band

Draw Bands are used to secure valves to various types of pipeline.

Sold in lots of 10

Notes: Regular size for 0-50# pipe

Oversized for 80-100# pipe: Red- Add an A to part number below (i.e. F088-2104A)

Extra Large for 120# plus pipe: Silver- Add a B to part number below (i.e. F088-2104B)



Size	ID	Part Number	Price
4"	4-1/4"	F088-2104	8.75
5"	5-3/8"	F088-2105	10.00
6"	6-1/4"	F088-2106	8.90
8"	8-3/8"	F088-2108	9.10
10"	10-3/8"	F088-2110	9.25
12"	12-1/2"	F088-2112	9.75
15"	15-1/2"	F088-2115	12.00
18"	18-1/2"	F088-2118	24.00

Series 9300 *Linear Flow Control Valve*

Basic Valve



Series 9300 Linear Flow Control Valves provide simple on/off control and pressure regulation at pumps, and are also very effective for zone control in many field applications.

Caution: Product contains lead and is therefore unsafe for use in the food industry.

Wafer style pricing includes bolt packs.

End Configuration	Size	Body Material	Max. Work Pressure	Part Number	Price
Threaded	2"	Brass	250 psi	F093-020-65-00-00-00	349.00
Threaded	3"	Aluminum	150 psi	F093-030-55-00-00-00	403.00
Wafer	3"	Ductile Iron	250 psi	F093-030-05-00-00-00	403.00
Wafer	4"	Ductile Iron	250 psi	F093-040-05-00-00-00	571.00
Wafer	6"	Ductile Iron	250 psi	F093-060-05-00-00-00	975.00
Wafer	8"	Ductile Iron	250 psi	F093-080-05-00-00-00	1,701.00

On-Off Electric

With the addition of a solenoid, the Series 9300 Linear Flow Control Valves may be electrically controlled to perform a wide variety of water control applications.

End Configuration	Valve Size	Body Material	Max. Work Pressure	Price
Threaded	2"	Brass	250 psi	481.00
Threaded	3"	Aluminum	150 psi	529.00
Wafer	3"	Ductile Iron	250 psi	557.00
Wafer	4"	Ductile Iron	250 psi	701.00
Wafer	6"	Ductile Iron	250 psi	1,089.00
Wafer	8"	Ductile Iron	250 psi	1,841.00



Pressure Reducing



End Configuration	Valve Size	Body Material	Max. Work Pressure	Price
Threaded	2"	Brass	250 psi	836.00
Threaded	3"	Aluminum	150 psi	896.00
Wafer	3"	Ductile Iron	250 psi	924.00
Wafer	4"	Ductile Iron	250 psi	1,116.00
Wafer	6"	Ductile Iron	250 psi	1,588.00
Wafer	8"	Ductile Iron	250 psi	2,371.00

Replacement Sleeves



Valve Size	Body Material	Maximum Pressure	Part Number	Price
2"	Aluminum End Gun	15-75 psi	F093-9A02F	36.00
2"	Brass	15-75 psi	F093-9C02F	43.00
3"	Brass	15-75 psi	F093-9C03F	85.00
4"	Brass	15-75 psi	F093-9C04F	107.00
6"	Brass	15-75 psi	F093-9C06F	149.00
8"	Brass	15-75 psi	F093-9C08F	230.00
2"	Aluminum End Gun	30-150 psi	F093-9A02G	36.00
2"	Brass	30-150 psi	F093-9C02G	43.00
3"	Brass	30-150 psi	F093-9C03G	85.00
4"	Brass	30-150 psi	F093-9C04G	107.00
6"	Brass	30-150 psi	F093-9C06G	149.00
8"	Brass	30-150 psi	F093-9C08G	230.00

Series 9300 *Linear Flow Control Valve*

Pressure Reducing On-Off Electric

End Configuration	Valve Size	Body Material	Max. Work Pressure	Price
Threaded	2"	Brass	250 psi	942.00
Threaded	3"	Aluminum	150 psi	1,004.00
Wafer	3"	Ductile Iron	250 psi	1,034.00
Wafer	4"	Ductile Iron	250 psi	1,231.00
Wafer	6"	Ductile Iron	250 psi	1,642.00
Wafer	8"	Ductile Iron	250 psi	2,456.00



Pressure Sustaining

End Configuration	Valve Size	Body Material	Max. Work Pressure	Price
Threaded	2"	Brass	250 psi	836.00
Threaded	3"	Aluminum	150 psi	896.00
Wafer	3"	Ductile Iron	250 psi	924.00
Wafer	4"	Ductile Iron	250 psi	1,116.00
Wafer	6"	Ductile Iron	250 psi	1,588.00
Wafer	8"	Ductile Iron	250 psi	2,371.00

Pressure Relief

End Configuration	Valve Size	Body Material	Max. Work Pressure	Price
Threaded	2"	Brass	250 psi	836.00
Threaded	3"	Aluminum	150 psi	896.00
Wafer	3"	Ductile Iron	250 psi	924.00
Wafer	4"	Ductile Iron	250 psi	1,116.00
Wafer	6"	Ductile Iron	250 psi	1,588.00
Wafer	8"	Ductile Iron	250 psi	2,371.00

Repair Parts

Description	Part Number	Price
Isolation valve	F093-342-4	16.00
Isolation valve for strainer	F093-342-4-2	16.00
Inline strainer 2"	F093-352-2x26	19.00
Inline strainer 3"	F093-352-2x36	22.00
1/8" 3-way valve	F093-340-2	24.00
1/4" 3-way valve	F093-340-4	37.00
C Series solenoid repair kit	F094-C60-S006	52.00

End Gun Valves

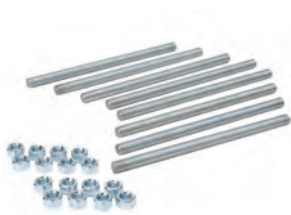


End Gun Valves control water flow to the last sprinkler on irrigation pivots.

End Configuration	Valve Size	Body Material	Max. Work Pressure	Price
Basic Model Threaded	2"	Aluminum	150 psi	194.00
On-Off Electric Threaded	2"	Aluminum	150 psi	257.00
On-Off Electric with 3-Way Valve Threaded	2"	Aluminum	150 psi	390.00

Bolt Packs

Bolt packs included with all wafer end valves.



Flange Size	Flange Type	Bolt Size	No. of Bolts Required	Part Number	Price
3"	1/2" & Class D Steel Flanges	5/8"x 9"	4 each	F093-8B03U	21.00
4"	1/2" & Class D Steel Flanges	5/8"x 10-1/2"	8 each	F093-8B04U	41.00
6"	1/2" & Class D Steel Flanges	3/4"x 12-1/2"	8 each	F093-8B06U	56.00
8"	1/2" & Class D Steel Flanges	3/4"x 14-1/2"	8 each	F093-8B08U	65.00
3"	PVC Flanges	5/8"x 10"	4 each	F093-8B03P	24.00
4"	PVC Flanges	5/8"x 11-1/2"	8 each	F093-8B04P	44.00
6"	PVC Flanges	3/4"x 14"	8 each	F093-8B06P	64.00
8"	PVC Flanges	3/4"x 16"	8 each	F093-8B08P	71.00

SKINNER *Solenoid Valve*

Three-Way A Series Solenoids



Three-Way A Series

Materials – Die-cast body and stainless steel internal parts

Weight – 2.5 lbs.

Media – Water, air, oil, inert gases, and vacuum

A5LB2127 A Series Solenoids

Skinner Valve Number	Max. Operating Pres. AC	Differential DC	Inlet Port		Outlet Port	
			Diameter	Cv Factor	Diameter	Cv Factor
F094-A5LB2127	125 psi	125 psi	5/32"	.50	5/32"	.50

Three-Way C Series Solenoids



Three-Way C Series

Materials – Brass body and stainless steel internal parts

Weight – 0.8 to 0.9 lbs

Media – All common media including air, inert gases, and hydraulic fluid

C5LM1175 C Series Solenoids

Skinner Valve Number	Max. Operating Pres. AC	Differential DC	Inlet Port		Outlet Port	
			Diameter	Cv Factor	Diameter	Cv Factor
F094-C5LM1175	175 psi	175 psi	3/64"	.10	1/16"	.10

Three-Way A Series Solenoids

Solenoid Valve

Solenoid Voltage	Part Number	Price
24 VAC	F094-A5LB2127B	311.00
120 VAC	F094-A5LB2127C	311.00

Three-Way C Series Solenoids

Solenoid Valve

Solenoid Voltage	Part Number	Price
24 VAC	F094-C5LM1175B	118.00
120 VAC	F094-C5LM1175C	118.00
24 VAC	F094-C5HM1175B	131.00
120 VAC	F094-C5HM1175AB6AF	133.00

Molded Coil



Solenoid Voltage	Part Number	Price
24 VAC	F094-A-B720-S24	65.00
120 VAC	F094-A-B728-S24	65.00
240 VAC	F094-A-B731-S24	69.00
480 VAC	F094-A-B734-S24	110.00
12 VDC	F094-A-7724-F24	132.00
24 VDC	F094-A-7727-F24	132.00

Molded Coil



Solenoid Voltage	Part Number	Price
24 VAC	F094-CC-7726-F24	45.00
120 VAC	F094-CC-7733-F24	45.00
240 VAC	F094-CC-7736-F24	106.00
480 VAC	F094-CC-7739-F24	106.00
12 VDC	F094-CC-7728-F24	91.00
24 VDC	F094-CC-7731-F24	91.00
120 VAC	F094-CC-H733-T24	93.00
24 VAC	F094-CC-H726-T24	93.00

Prestolok *Fittings*

Prestolok fittings combine maximum reliability with simple time saving connections.

DP164PL Union Tee for O.D.



Nominal Tube O.D.	Part Number	Price
1/4"	F981-164PL4	10.00
3/8"	F981-164PL6	24.00

DP171PL Male Run Tee Swivel for O.D.



NPT Pipe Size	Nominal Tube O.D.	Part Number	Price
1/8"	1/4"	F981-171PL42	12.00
1/4"	1/4"	F981-171PL44	17.00
1/4"	3/8"	F981-171PL64	24.00

DP172PL Male Branch Tee Swivel for O.D.



NPT Pipe Size	Nominal Tube O.D.	Part Number	Price
1/8"	1/4"	F981-172PL42	10.00
1/4"	1/4"	F981-172PL44	11.00
1/4"	3/8"	F981-172PL64	17.00

DP62PL Brass Union



Nominal Tube O.D.	Part Number	Price
1/4"	F981-62PL4	7.50
3/8"	F981-62PL6	11.00

DP169PL Male Elbow Swivel 90° for O.D.



NPT Pipe Size	Nominal Tube O.D.	Part Number	Price
1/8"	1/4"	F981-169PL42	7.00
1/4"	1/4"	F981-169PL44	8.50
1/8"	3/8"	F981-169PL62	11.00
1/4"	3/8"	F981-169PL64	12.00

DP66PL Female Connector for O.D.



NPT Pipe Size	Nominal Tube O.D.	Part Number	Price
1/8"	1/4"	F981-66PL42	11.00
1/4"	1/4"	F981-66PL44	12.00

DP68PL Male Connector for O.D.



NPT Pipe Size	Nominal Tube O.D.	Part Number	Price
1/8"	1/4"	F981-68PL42	5.25
1/4"	1/4"	F981-68PL44	6.00
1/4"	3/8"	F981-68PL64	15.00

Pipe Fittings



DP207P Coupling
(female pipe to female pipe)

Pipe Size	Part Number	Price
1/8"	F011-90615	2.00
1/4"	F981-207P4	4.25



DP209P Bushing
(male pipe to female pipe)

Pipe Size	Part Number	Price
1/4"x1/8"	F981-209P42	1.75
3/8"x1/8"	F981-209P62	5.25
3/8"x1/4"	F981-209P64	2.50
1/2"x1/8"	F981-209P82	9.00
1/2"x1/4"	F981-209P84	4.00
1/2"x3/8"	F981-209P86	7.75
3/4"x1/8"	F981-209P122	19.00
3/4"x1/4"	F981-209P124	15.00
3/4"x3/8"	F981-209P126	14.00
3/4"x1/2"	F981-209P128	11.00



DP216P Hex Nipple
(male pipe to male pipe)

Pipe Size	Part Number	Price
1/8"	F981-216P2	1.75
1/4"	F981-216P4	2.75
3/8"	F981-216P6	4.25
1/2"	F981-216P8	16.00



DP216P Hex Nipple Reducer

Pipe Size	Part Number	Price
1/4"x1/8"	F981-216P42	3.75



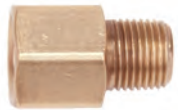
DP215P Long Nipple

Pipe Size	Part Number	Price
1/8"x1-1/2"	F981-215215	6.00
1/4"x1-1/2"	F981-215415	11.00
1/4"x2-1/2"	F981-215425	19.00
3/8"x1-1/2"	F981-215615	19.00



DP218P Hex-Head Plug

Pipe Size	Part Number	Price
1/8"	F981-218P2	2.00
1/4"	F981-218P4	3.00



DP222P Adapter
(female pipe to male pipe)

Pipe Size	Part Number	Price
1/8"x 1/8"	F981-222P22	3.50
1/4"x 1/8"	F981-222P42	4.00
1/4"x 1/4"	F981-222P44	4.25

Series 9400 *PVC Ball Valves*

Series 9400 PVC Ball Valves are designed for a variety of water control projects, waste water, swimming pools, chemical and irrigation applications for residential, commercial, marine and agricultural use.



Slip

Size	Weights	Carton Quantities	Case Quantities	Part Number	Price
1/2"	0.17	320	160	F094-260-04	1.20
3/4"	0.23	220	110	F094-260-06	1.75
1"	0.44	120	60	F094-260-1	2.50
1-1/4"	0.59	80	40	F094-260-12	3.75
1-1/2"	0.89	60	30	F094-260-14	5.00
2"	1.36	32	16	F094-260-2	7.75
2-1/2"	2.63	16	8	F094-260-24	17.25
3"	4.43	6	1	F094-260-3	28.25
4"	6.03	6	1	F094-260-4	57.75

Threaded

Size	Weights	Carton Quantities	Case Quantities	Part Number	Price
1/2"	0.19	320	160	F094-250-04	1.20
3/4"	0.25	220	110	F094-250-06	1.75
1"	0.46	120	60	F094-250-1	2.50
1-1/4"	0.58	80	40	F094-250-12	3.75
1-1/2"	0.91	60	30	F094-250-14	5.00
2"	1.40	32	16	F094-250-2	7.75
2-1/2"	2.64	16	8	F094-250-24	17.25
3"	4.70	6	1	F094-250-3	28.25
4"	6.30	6	1	F094-250-4	57.75



Valves Parts



Size	Parts	Part Number	Price
1/2"	Handle Replacement Kit Ball Valve PVC 1/2	F094-250-040	.35
3/4"	Handle Replacement Kit Ball Valve PVC 3/4	F094-250-060	.60
1"	Handle Replacement Kit Ball Valve PVC 1	F094-250-10	.85
1-1/4"	Handle Replacement Kit Ball Valve PVC 1-1/4	F094-250-120	1.20
1-1/2"	Handle Replacement Kit Ball Valve PVC 1-1/2	F094-250-140	1.20
2"	Handle Replacement Kit Ball Valve PVC 2	F094-250-20	1.40
2-1/2"	Handle Replacement Kit Ball Valve PVC 2-1/2	F094-250-240	4.00
3"	Handle Replacement Kit Ball Valve PVC 3	F094-250-30	5.50
4"	Handle Replacement Kit Ball Valve PVC 4	F094-250-40	6.00

Miscellaneous Hardware

Rubber Packing (Square Extrusion)



Size (Square)	Feet per Roll	Part Number	Price (per foot)
1/4"	200'	F919-010	1.80
5/16"	200'	F919-015	1.90
3/8"	200'	F919-020	2.50
7/16"	200'	F919-026	2.70
27/64"	200'	F919-025	3.40
9/16"	100'	F919-030	3.80

* Available with 1/8" hole.

Ready Set Ring

Description	Part Number	Price
3-1/2" / 4" x 8"	F020-003508	2.00
5" x 8"	F020-005008	2.50
5" x 10"	F020-005010	2.75
6" x 10"	F020-006010	3.00
6 1/2" x 10"	F020-006510	3.00
8" x 12"	F020-008012	4.75
10" x 14"	F020-010014	6.00

Raw Handle Stock



Size (Square)	Part Number	Price
5/8"	F040-06186	6.00
3/4"	F040-12186	7.00
7/8"	F040-20186	9.00

Gasket Cement (4 oz. Can)



Part Number	Price
F088-00170	8.35

Hemp Gasket Material



Size (Square)	Part Number	Price (per lbs.)
1/4"	F088-0150	58.00
5/16"	F088-0160	58.00
3/8"	F088-0170	58.00
7/16"	F088-0180	58.00
1/2"	F088-0190	58.00
5/8"	F088-0200	58.00
3/4"	F088-0210	58.00

Oakum - (per lb.) - 5 lb. Boxes



Part Number	Price
F088-0080	10.50 per lb

Banding Paper



Item	Part Number	Price
6" width - 4 rolls per bundle	F088-0090	25.70 per roll

Rubber Gloves



Size	Part Number	Price
Medium	F088-0040	13.40
Large	F088-0042	13.40

Custom Plug



Item	Part Number	Price
Custom plug, 1 gal.	F088-0062	38.50
Custom plug, 5 gal.	F088-0062A	88.00

TC-40 Mastic (5/8" x 1")



Part Number	Price
F088-5150	2.90

12 qt. Rubber Bucket

Description	Part Number	Price
12 qt. Rubber Bucket	F088-0030	27.00

4 Row Brushes - 24 per box

Description	Part Number	Price
4 Row Brushes - 24 per box	F088-0020	9.20 ea

Pressure Gauges



Pressure Range (psi)	Case Material	Part Number	Price
0-30	ABS	F011-90660	18.20
0-60	ABS	F011-90662	18.20
0-100	ABS	F011-90664	18.20
0-160	ABS	F011-90666	18.20
0-100	Stainless	F011-90653	23.00
0-160	Stainless	F011-90655	23.00
0-200	Stainless	F011-90656	23.00

Series 1100 Stainless Steel Sand Media Filters

Stainless Steel Sand Media Filters



Flow-Guard Media Filters provide superior filtration in any irrigation application. Utilizing three-dimensional filtration through media bed with a large surface area has proven to be the most effective and reliable way to remove both organic and inorganic contaminant loads from irrigation source water. The combination of stainless steel construction and flow balanced under drain, create an extremely efficient and durable filter suitable for even the most difficult applications. Lightweight, easy to install and less expensive to ship than conventional models.

Please contact your nearest Fresno Valves & Castings location for current quotation for any of your Flow-Guard media filter needs.

Standard Vertical Filters

Model No.	GPM	Auto Part No.	Semi Auto Part No.	Ship Weight (lbs.)	Manifold In/Out
215	45-60	F011-150012	F011-150032	220	2"
218	60-90	F011-180012	F011-180032	240	3"
224	110-160	F011-240012	F011-240032	375	3"
324	175-240	F011-240013	F011-240033	520	4"
230	170-245	F011-300012	F011-300032	575	4"
330	250-370	F011-300013	F011-300033	705	6"
236	240-350	F011-360012	F011-360032	660	4"
336	420-525	F011-360013	F011-360033	970	6"
245	380-555	F011-450012	F011-450032	860	6"
345	570-835	F011-450013	F011-450033	1300	6"
445	760-1110	F011-450014	F011-450034	1820	8"
445T	760-1110	F011-450214	N/A	N/A	N/A
545T	950-1390	F011-450215	F011-450235	2245	10"
645T	1140-1665	F011-450216	N/A	N/A	N/A
248	425-625	F011-480012	F011-480032	900	6"
348	640-940	F011-480013	F011-480033	1360	6"
448	850-1250	F011-480014	F011-480034	1900	8"
448T	850-1250	F011-480214	F011-480234	1900	10"
548T	1060-1565	F011-480215	F011-480235	2360	10"
648T	1275-1875	F011-480216	F011-480236	2860	10"

Media

Description	Weight (lbs.)	Media Only	w/Filter Price	Part Number
#12 Silica Sand	100 (bag)	25.00	19.50	F011-90070
#16 Silica Sand	100 (bag)	25.00	19.50	F011-90073
#20 Silica Sand	100 (bag)	25.00	19.50	F011-90075
Washed Gravel	80 (bag)	25.00	19.50	F011-90090
Garnet	50 (bag)	69.00	52.50	F011-90066

For orders of media that are placed in exact multiples of standard pallet quantities, which are 30 bags per pallet of sand, 36 bags per pallet of gravel and 80 bags per pallet of garnet, the per bag price for media ordered in exact pallet multiples will be \$1.00 per bag lower than the prices scheduled above.

Backwash Controllers

Backwash Controllers

Fully programmable, solid-state controllers enable backwash cycles to be initiated periodically or by pressure differential.

-Alextronix Controllers are Standard



Backwash Controllers

Model No.	Part Number	Description	Price
F2AC/DC-D/P	F011-CM02AD	2 Station, AC/DC Input, Alarm	1,075.00
F3AC/DC/DCL-D	F011-CM03AD	3 Station, AC/DC Input, 24 VAC/12 VDC or DCL Output	1,248.00
F4AC/DC/DCL-D	F011-CM04AD	4 Station, AC/DC Input, 24 VAC/12 VDC or DCL Output	1,428.00
F8AC/DC/DCL-D	F011-CM08AD	8 Station, AC/DC Input, 24 VAC/12 VDC or DCL Output	1,598.00
F12AC/DC/DCL-D	F011-CM12AD	12 Station, AC/DC Input, 24 VAC/12 VDC or DCL Output	1,960.00
F16AC/DC/DCL-D	F011-CM16AD	16 Station AC/DC Input, 24 VAC/12 VDC or DCL Output	2,385.00

Note: Prices and Part Numbers shown are with Murphy P.D. Switch.

Controller Parts

Description	Part Number	Price
P.D. Switch, Murphy	F012-1201M	330.00
Solenoid Valve, 12 VDC (Black)	F011-990110	146.00
Solenoid Valve, 24 VAC	F011-990115	164.00
Dual Controller Mounting Bracket Assembly	F011-AV101	154.00
Solenoid Valve, 12 V, Latching (Blue/Silver)	F011-990120	338.00
Battery	F011-98014	158.00
5 Watt Solar Panel	F011-98104	244.00
5 Watt Solar Panel Mounting Bracket	F011-98105	184.00
Controller Mount Bracket Assembly	F011-AV100	103.00
P.D. Plumbing Kit	F012-1201MK	24.00
115V Transformer	F011-98065	134.00

Line Strainers & Housing

Simple in-line strainers capture sand and other material, preventing potential downstream problems. Recommended as a secondary or backup filtration only. Commonly used as an added protection in Media Filter Systems.

Note: Standard Screen Size - 50 Mesh

Size	Line Strainer Part No.	Price	Strainer Housing Part No.	Price
4"	F011-L0405	643.00	F011-L04H	146.00
6"	F011-L0605	780.00	F011-L06H	222.00
8"	F011-L0805	802.00	F011-L08H	269.00
10"	F011-L1005	851.00	F011-L10H	316.00
12"	F011-L1205	885.00	F011-L12H	421.00
14"	F011-L1405	1,075.00	F011-L14H	498.00



Basket Strainers

Basket strainers capture sand and other material, preventing potential down-stream problems. This body style accommodates a variety of connection types. Easy access to strainer allows for quick, in-line access.



Model SBS Grooved

Size	Model No.	Max. GPM	Part Number	Price
6"	SBS-900	900	F011-B-2606	3,098.00
8"	SBS-1200	1200	F011-B-2806	3,232.00
10"	SBS-1800	1800	F011-B-3006	4,283.00
12"	SBS-2400	2400	F011-B-3206	5,415.00



Model CBS Grooved

Size	Model No.	Max. GPM	Part Number	Price
6"	CBS-06	900	F011-B-0606	4,012.00
8"	CBS-08	1200	F011-B-0806	4,206.00
10"	CBS-10	1800	F011-B-1006	4,352.00
12"	CBS-12	2400	F011-B-1206	4,903.00

Model SBS Flanged

Size	Model No.	Max. GPM	Part Number	Price
6"	SBS-900	900	F011-B-2606F	3,573.00
8"	SBS-1200	1200	F011-B-2806F	3,590.00
10"	SBS-1800	1800	F011-B-3006F	4,729.00
12"	SBS-2400	2400	F011-B-3206F	6,418.00

Model CBS Flanged

Size	Model No.	Max. GPM	Part Number	Price
6"	CBS-06	900	F011-B-0606F	4,564.00
8"	CBS-08	1200	F011-B-0806F	4,962.00
10"	CBS-10	1800	F011-B-1006F	5,046.00
12"	CBS-12	2400	F011-B-1206F	5,958.00



SBS Parts

Model No.	Description	Part Number	Price
SBS-900	Element, 60 Mesh	F011-B-S0960	923.00
SBS-900	Lid, #304 SS, 13.25" O.D.	F011-B0071	358.00
SBS-900	Lid Gasket	F011-B0074	99.00
SBS-1200	Element, 60 Mesh	F011-B-S1260	965.00
SBS-1200	Lid, #304 SS, 13.25" O.D.	F011-B0071	358.00
SBS-1200	Lid Gasket	F011-B0074	99.00
SBS-1800	Element, 60 Mesh	F011-B-S1860	1,034.00
SBS-1800	Lid, #304 SS, 15.25" O.D.	F011-B0072	408.00
SBS-1800	Lid Gasket	F011-B0075	100.00
SBS-2400	Element, 60 Mesh	F011-B-S2460	1,221.00
SBS-2400	Lid, #304 SS, 16.50" O.D.	F011-B0073	497.00
SBS-2400	Lid Gasket	F011-B0076	106.00



CBS Parts

Model No.	Description	Part Number	Price
CBS-06	Element, 60 Mesh	F011-B-S060	513.00
CBS-06	Lid, #304 SS, 15.25" O.D.	F011-B0072	408.00
CBS-06	Lid Gasket	F011-B0075	100.00
CBS-08	Element, 60 Mesh	F011-B-S080	1,021.00
CBS-08	Lid, #304 SS, 15.25" O.D.	F011-B0072	408.00
CBS-08	Lid Gasket	F011-B0075	100.00
CBS-10	Element, 60 Mesh	F011-B-S100	1,021.00
CBS-10	Lid, #304 SS, 15.25" O.D.	F011-B0072	408.00
CBS-10	Lid Gasket	F011-B0075	100.00

Media Filter *Parts and Accessories*

Grooved Couplers



Size	Coupler (complete)	Price	Gasket (only)	Price
2"	F087-90-08G	9.00	F087-91-08	3.00
2-1/2"	F087-90-10G	10.00	F087-91-10	4.00
3"	F087-90-12G	11.00	F087-91-12	4.00
4"	F087-90-16G	15.00	F087-91-16	4.00
5"	F087-90-20G	20.00	F087-91-20	5.00
6"	F087-90-24G	32.00	F087-91-24	5.00
8"	F087-90-32G	49.00	F087-91-32	7.00
10"	F087-90-40G	87.00	F087-91-40	12.00
12"	F087-90-48G	111.00	F087-91-48	14.00
14"	F087-90-56G	184.00	F087-91-56	22.00

Reducer Couplings



Size	Part Number	Price
4" x 2.5"	F087-90-1610G	32.00
4" x 3"	F087-90-1612G	34.00
5" x 4"	F087-93-2016G	38.00

End Cap Stainless Steel



Size	Part Number	Price
3"	F011-MA030	108.00
4"	F011-MA040	114.00
6"	F011-MA060	119.00
8"	F011-MA080	157.00
10"	F011-MA100	193.00
12"	F011-MA120	267.00

Grooved Adapters



Size	PVC	Price	Steel	Price	Stainless	Price
2"	F980-887030PG	8.00	F011-XC120	20.00		
2-1/2"	F980-888030PG	18.00	F011-XC125	22.00		
3"	F980-889040PG	18.00	F011-XC130	24.00	F011-XC230	29.00
4"	F980-890040PG	25.00	F011-XC140	31.00	F011-XC240	38.00
5"	F011-XC050	30.00	F011-XC150	47.00	F011-XC250	49.00
6"	F011-XC060	36.00	F011-XC160	53.00	F011-XC260	67.00
8"	F011-XC080	59.00	F011-XC180	81.00	F011-XC280	90.00
10"	F011-XC090	77.00	F011-XC190	96.00	F011-XC290	224.00
12"	F011-XC091	105.00	F011-XC191	103.00	F011-XC291	312.00

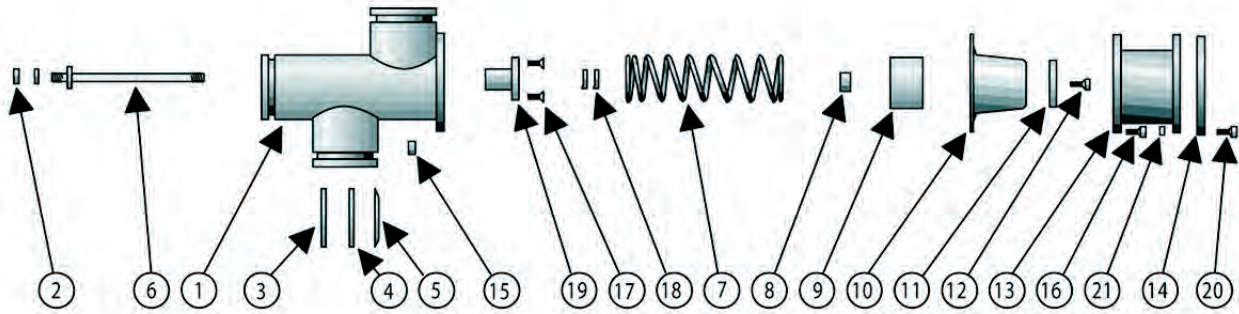
Backwash Valves



Size	Part Number	Price
2"	F011-S21	459.00
2-1/2"	F011-S26	470.00
4"	F011-S41	481.00
5"	F011-S52	508.00

Media Filter *Parts and Accessories*

Backwash Valves

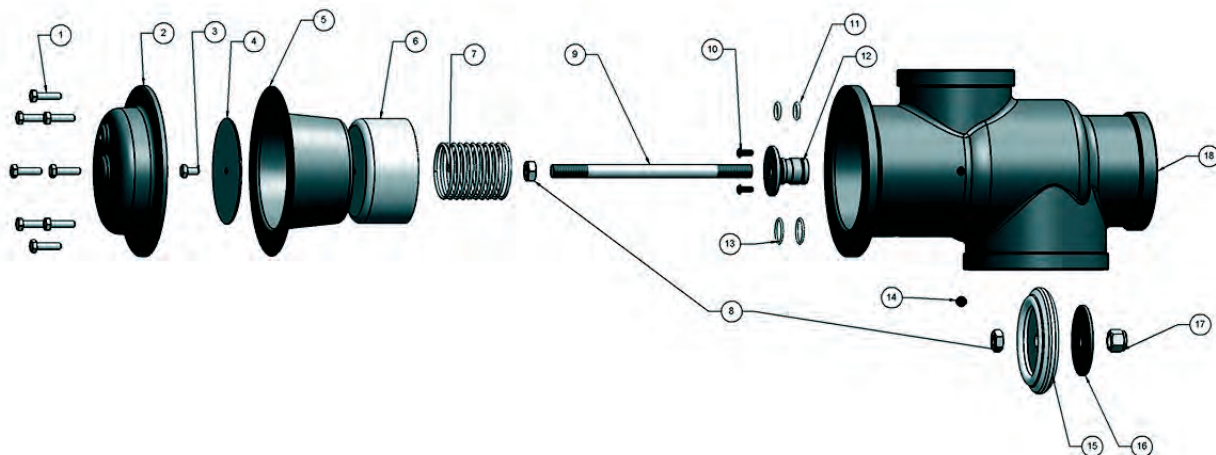


Backwash Valve Parts For 2", 2-1/2", 4", 5" Old Style

Item Number	Description	Part Number	Price
1	5" Valve Body	F011-S50-031	278.00
1	4" Valve Body	F011-S40-031	258.00
1	2-1/2" Valve Body	F011-S25-031	232.00
1	2" Valve Body	F011-S20-031	204.00
2	Hex Nut (1/2"-13, SS w/nylon insert)	F922-056	1.25
3	Backup Washer, 4" & 5"	F011-S40-006	22.00
3	Backup Washer, 2-1/2"	F011-S25-006	18.00
3	Backup Washer, 2"	F011-S20-006	18.00
4	Plunger Seal, 4" & 5"	F011-94025	18.00
4	Plunger Seal, 2-1/2"	F011-94026	10.00
4	Plunger Seal, 2"	F011-94027	9.00
5	Guide Washer, 4" & 5"	F011-S40-007	23.00
5	Guide Washer, 2-1/2"	F011-S25-007	17.00
5	Guide Washer, 2"	F011-S20-007	17.00
6	Operating Stem, 2-1/2", 4" & 5"	F011-S40-001	56.00
6	Operating Stem, 2"	F011-S20-001	53.00
7	Actuator Spring, 2-1/2", 4", 5"	F011-94024	10.00
7	Actuator Spring, 2"	F011-94024F	10.00
8	Jam Nut	F922-054	.75
9	Actuator Piston, 2-1/2", 4" & 5"	F011-S40-021	86.00
9	Actuator Piston, 2"	F011-S20-021	81.00
10	Rolling Diaphragm, 2-1/2", 4" & 5"	F011-94020	64.00
10	Rolling Diaphragm, 2"	F011-94019	56.00
11	Diaphragm Cap, 2-1/2", 4" & 5"	F011-92516	10.00
11	Diaphragm Cap, 2"	F011-91325	3.50
12	Stainless Steel Hex Bolt	F920-104	1.25
13	Actuator Body, 2-1/2", 4", 5"	F011-S40-011	108.00
14	Actuator End Plate, 2-1/2", 4" & 5"	F011-S40-016	51.00
14	Actuator End Plate, 2"	F011-S20-016	47.00
15	Stainless Steel Hex Nut (ea., 3 req.) 2-1/2", 4", 5"	F011-94037	.80
16	Stainless Steel Hex Bolt (ea., 3 req.) 2-1/2", 4", 5"	F011-94038	1.25
17	Cap Screw	F905-122	.80
18	#112 O-Ring (ea., 2 req.)	F943-112	.80
19	Stem Guide Bushing & O-rings	F011-S20-004	22.00
20	Hex Bolt (ea., 8 req.) 4"	F920-112	1.25
20	Hex Bolt (ea., 8 req.) 2-1/2", 5"	F920-110	1.25
20	Hex Bolt (ea., 8 req.) 2"	F012-0131	1.25
21	Hex Nut (ea., 8 req.) 4"	F922-010	.80

Media Filter *Parts and Accessories*

Backwash Valves



Backwash Valve Parts for 5" New Style

Item Number	Part	Part Number	Price
1	Hex Bolt (each 8 req.)	F920-110	1.25
2	Actuator End Plate	F011-S52-002	51.00
3	Stainless Steel Hex Bolt	F920-104	1.25
4	Diaphragm Cap	F011-92516	10.00
5	Rolling Diaphragm	F011-94020	64.00
6	Actuator Piston	F011-S40-021	86.00
7	Actuator Spring	F011-94024	10.00
8	Jam Nut (each 2 req.)	F922-054	.75
9	Operating Stem	F011-S40-002N	56.00
10	Cap Screw (each 2 req.)	F905-122	.80
11	O-ring, buna, (each 2 req.)	F943-112	.80
12	Stem Guide Bushing & O-rings	F011-S20-003B	38.00
13	#112 O-ring (each 2 req.)	F943-020	.80
14	Zerk	F907-020	.80
15	Seal Disc	F011-S40-007V	27.00
16	Backup Washer	F011-S25-006	18.00
17	Hex Nut (1/2-13 SS w/nylon insert)	F922-056	1.25
18	5" Valve Body	F011-S52-001	278.00

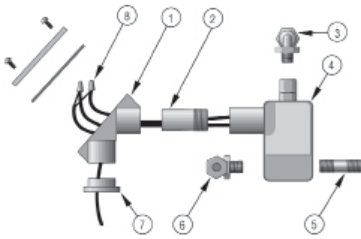


Backwash Repair Kit

Description	Part Number	Price
2" Repair Kit	F011-S21-RK	70.00
2-1/2" Repair Kit	F011-S26-RK	76.00
4" - 5" Repair Kit	F011-S51-RK	84.00
5" New Style Repair Kit	F011-S52-RK	84.00

Media Filter *Parts and Accessories*

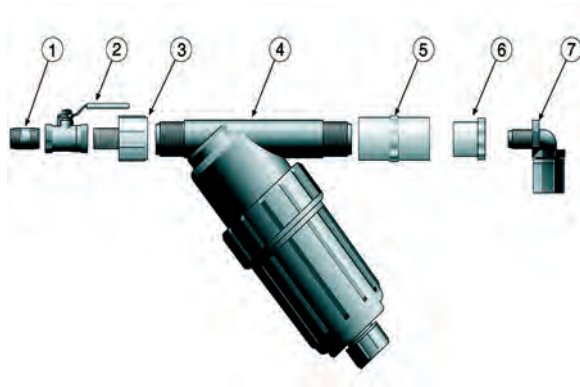
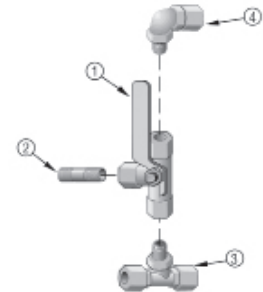
Valve Kit (Automatic)



Item Number	Description	Part Number	Price
	Valve Kit (Automatic)	F011-S00A	185.00
1	Access Elbow	F011-90840	11.00
2	Nipple, 1/2" x Close Toe, PVC	F980-1882-005	2.25
3	Tubing Elbow (#P6ME4 - 3/8" Tube x 1/4" MIPT)	F011-90644	7.00
4	Solenoid Valve	F011-990110	146.00
5	SS Nipple 1/4" x 1-1/2"	F012-0917	5.25
6	Tubing Tee (#P6MT4 - 3/8" Tube x 3/8" Tube x 1/4" MIPT)	F011-90642	7.00
7	Snap-In Plug	F011-90850	2.50
8	Wire Nut (2 req.)	F011-90820	.30

Valve Kit (Semi-Automatic)

Item Number	Description	Part Number	Price
	Valve Kit (Semi-Automatic)	F011-S00S	59.00
1	Ball Valve, 1/4", 3-Way Brass	F011-90610	42.00
2	SS Nipple 1/4" x 1-1/2"	F012-0917	5.25
3	Tubing Tee (#P6MT4 - 3/8" Tube x 3/8" Tube x 1/4" MIPT)	F011-90642	7.00
4	Tubing Elbow (#P6ME4 - 3/8" Tube x 1/4" MIPT)	F011-90644	7.00



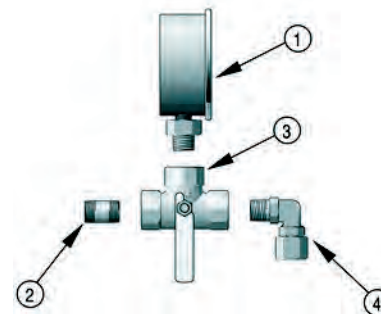
Hydraulic Charging Kit

Item Number	Description	Part Number	Price
	Hydraulic Charging Kit (Automatic)	F011-AV200	56.00
1	Nipple 1/2" x Close PVC	F980-882-005	1.25
2	Ball Valve, Brass 1/2"	F094-120-04	6.00
3	IPT Adapter 1/2" x 3/4"	F980-446-074	3.25
4	Y Strainer, Plastic, 80 Mesh	F012-0206	27.00
5	Female Adapter, PVC 3/4"	F980-435-007	1.25
6	Reducer Bushing, PVC 3/4" x 1/4"	F980-438-098	1.75
7	Tubing Elbow, #P6ME4	F011-90644	7.00

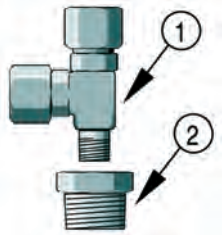
Media Filter *Parts and Accessories*

Pressure Gauge Kit

Item Number	Description	Part Number	Price
	Pressure Gauge Kit	F011-AV020	67.00
1	Pressure Gauge, Bottom Tap, Oil Filled	F011-90653	23.00
2	SS Nipple 1/4" x 1-1/2"	F012-0917	5.25
3	Ball Valve, 1/4" 3-Way	F011-90610	42.00
4	Tubing Elbow (#P6ME4 - 3/8" Tube x 1/4" MIPT)	F011-90644	7.00

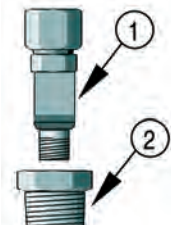


Lo-Pressure Supply Fitting (Automatic)



Item Number	Description	Part Number	Price
1	Tubing Tee (#P6MR4 - 3/8" Tube x 1/4" MIPT)	F011-90646	8.00
2	Bushing, PVC 1/2" x 1/4", Thread by Thread	F980-439-072	3.25

Lo-Pressure Supply Fitting (Semi-Automatic)



Item Number	Description	Part Number	Price
1	Tubing Adapter (#P6MC4 - 3/8" Tube x 1/4" MIPT)	F011-90640	8.00
2	Bushing, PVC 1/2" x 1/4", Thread by Thread	F980-439-072	3.25

View Tube

Size	Part Number	Price
2"	F011-XD210	49.00
3"	F011-XD312	88.00
4"	F011-XD412	101.00



Site Glass

Size	Part Number	Price
1-1/2" NPT	F011-XD150	96.00



Site Parts

Size	Part Number	Price
Glass	F011-901230	23.00
Lg Gasket	F011-90181	1.25
Sm Gasket	F011-90180	.50
Top	F011-901220	33.00
Base	F011-901221	24.00
Bolt	F920-140	.80
Washer	F922-110	.25



Media Filter *Parts and Accessories*

Miscellaneous Filter Parts

Port Hole Parts



Description	Part Number	Price
Port hole Cover, 15" Tank, Stainless Steel	F011-TV15A90	97.00
Port hole Cover, 18"-24" Tank, Stainless Steel	F011-TV023	106.00
Port hole Cover, 30"-48" Tank, Cast Iron	F011-T026	63.00
Port hole Cover Gasket, 15" Tank	F011-90722	16.00
Port hole Cover Gasket, 18"-24" Tank	F013-1002	16.00
Port hole Cover Ring Gasket, 30"-48" Tank	F011-90725	16.00
Port hole Cover Bolt, 15"-24" Tank	F920-514	2.50
Port hole Cover Bolt, 30"-48" Tank	F920-520	2.50
Port hole Cover Nut, Brass, 15"-48" Tank	F902-650	2.25
Port hole Cover Washer, 15"-48" Tank	F922-151	.50
Old Style SS Port Hole Cover 30" - 48"	F011-TV48A90	149.00
Old Style Flat Rubber Port Hole Gasket 30" - 48"	F011-90721	18.00

Manifold Jack



Part Number	Price
F011-MJ000	58.00

1/4" Black Poly Tubing



Part Number	Price
F012-0604	.50

Control Wire, 18-2 PVC Jacket (500' Per Roll)



Part Number	Price
F011-90830	.50

3/8" Black Poly Tubing (750' Per Roll)



Part Number	Price
F012-0602	.80

Filter Element and Cap



Description	Tank Type	Part Number	Price
Filter Element - H=2"	15"-48" tanks	F011-T013	16.00
Filter Element - H=1 3/8"	old style tanks	F011-T010	15.00
Element cap 6" OD	45"-48" tanks	F011-T004	8.75
Element cap 2 1/2" OD	15"-36" tanks	F011-91325	3.50
1/4" hex nut, SS		F922-010	.80

Series 1600 Sand Separator

The Series 1600 Sand Separator is used to remove sand and other fine solids from water. Sand Separators work by using centrifugal force. The centrifugal force separates the sand from the water. The clean water is forced into the center of the separator and up through an outlet. The sand that is removed from the water is then collected in a collection chamber at the bottom of the separator. This chamber can be manually emptied as needed.

Automated flush system available.



Description	Part Number	Price
Automated Flush Kit 12VDCL	F016-AFKL	1,219.00

Cyclones						
GPM	Number	Size	Inlet/Outlet	Pad Size (in) W x L	Part Number	Price
70-200	1	8	3"	18 x 30	P3950-01	1,829.00
140-400	2	8	4"	36 x 36	P3950-02	2,731.00
210-600	3	8	6"	36 x 54	P3950-03	3,945.00
280-800	4	8	6"	36 x 72	P3950-04	5,049.00
200-400	1	12	4"	18 x 30	P3950-05	1,898.00
400-800	2	12	8"	36 x 36	P3950-06	3,439.00
600-1200	3	12	8"	36 x 54	P3950-07	5,003.00
800-1600	4	12	8"	36 x 72	P3950-08	6,239.00

Series 1200 SSC Backflush Recycle System

SSC Backflush Recycle System

The Flow Guard Backflush Recycle System is designed to eliminate the wasteful and problematic issue of backflush water disposal. This system captures backflush water, filters it and returns it to the inlet of your media tank system. Standard unit comes assembled, complete with 15hp Booster Pump (250 gpm at 60 psi) ready for easy installation

Also available with 20 hp high pressure or high flow pump.



Please contact your nearest Fresno Valves & Castings location for current quotation for any of your Flow-Guard media filter needs.

Tank Size	Inlet/Outlet	Skid Size	Part Number
550 Gallons	6" / 4"	96"x 42"	F012-C1-072ES

Series 1200 SSC Gravity Screen Filters

Self Cleaning Gravity Screen Filters



The SSC Gravity Screen Filter is designed for use on gravity flow water systems and can be used as either a pre-filter or the primary filter to remove large volumes of debris without wasting valuable backwash water. The SSC Filter is effective in low volume irrigation as well as various industrial applications

Please contact your nearest
Fresno Valves & Castings
location for current quotation
for any of your Flow-Guard
media filter needs.

Model No.	GPM	Inlet/Outlet	Part Number
SSC 48	350	6"	F012-A1-048NE
SSC 72	550	8"	F012-A1-072NE
SSC 96	750	10"	F012-A1-096NE
SSC 48-100	350	6" x 4"	F012-A1-048NE
SSC 72-100	550	8" x 6"	F012-B1-072NE
SSC 96-100	750	10" x 8"	F012-B1-096NE
SSC 272-100	1000	10" x 8"	F012-B2-072NE
SSC 296-100	1400	12" x 10"	F012-B2-096NE
SSC 2144-100	2000	12" x 12"	F012-B2-144NE

Series 1200 Parts and Accessories

Miscellaneous SSC Screen Filter Parts

Float Tank & Linkage Assembly



Part	Part Number	Price
Float & Linkage Assembly for 2"-6"	F012-F0719	931.00
Float & Linkage Assembly for 8"-12"	F012-F0720	1,035.00
Float Tank w/4" Switch Tube	F012-F0725	1,010.00
Float Switch Assembly	F012-F0800	200.00

Float Control Kit



Size	Part Number	Price
4"-6"	F012-F1-26	1,928.00
8"-12"	F012-F1-812	2,020.00

1-1/2" Ball Valve, Brass



Part	Part Number	Price
1-1/2" Ball Valve, Brass	F094-120-14	28.00

Free Moving Butterfly Valve



Size	Part Number	Price
4"	F085-040-01	167.00
6"	F085-060-01	220.00
8"	F085-080-01	327.00
10"	F085-100-01	448.00
12"	F085-120-01	636.00

2" Green Plastic Suction Hose/per ft.



Part	Part Number	Price
2" Green Plastic Suction Hose/per ft.	F012-0601	10.00

Float with rod



Part	Part Number	Price
Float with rod	F012-F0750	202.00

2" King Nipple



Part	Part Number	Price
2" King Nipple	F012-0305	15.00

Line Strainer Replacement Screen, 80 Mesh



Part	Part Number	Price
Line Strainer Replacement Screen, 80 Mesh	F012-0251	78.00

Float Switch (only)



Part	Part Number	Price
Float Switch (only)	F012-1210	136.00

Venturi Fitting (only)



Part	Part Number	Price
Venturi Fitting (only)	F012-0304	9.00

Line Strainer, 1 - 1-1/2" Banjo



Part	Part Number	Price
Line Strainer, 1 - 1-1/2" Banjo	F012-0203	177.00

Series 1200 SSC Gravity Screen Filters

Series 1200 Parts and Accessories

Miscellaneous SSC Screen Filter Parts

Linkage Assembly



Part	Part Number	Price
Linkage Assembly 2"-6"	F012-F0729	702.00
Linkage Assembly 8"-12"	F012-F0730	810.00

Screen Assembly



Part	Part Number	Price
Screen Assembly, 36"x 22", 150 Mesh	F012-S36-150A	644.00
Screen Assembly, 48"x 22", 150 Mesh	F012-S48-150A	812.00
Screen Assembly, O/S, 36"x 24", 150 Mesh	F012-S36-150B	661.00
Screen Assembly, O/S, 48"x 24", 150 Mesh	F012-S48-150B	901.00

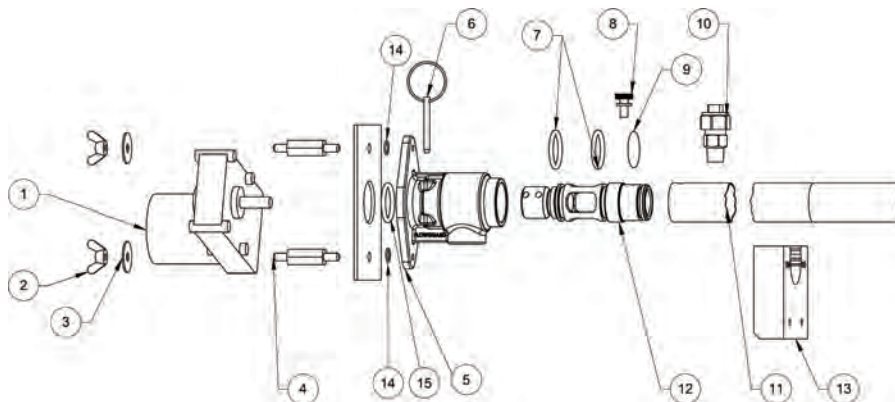
Rescreen



Part	Part Number	Price
Rescreen 36", Screen Assembly, 150 Mesh	F012-S36R150	322.00
Rescreen 48", Screen Assembly, 150 Mesh	F012-S48R150	365.00

Stainless Steel Screen Material, 150 Mesh/sq. ft.

Part	Part Number	Price
Stainless Steel Screen Material, 150 Mesh/sq. ft.	F012-0200	13.00

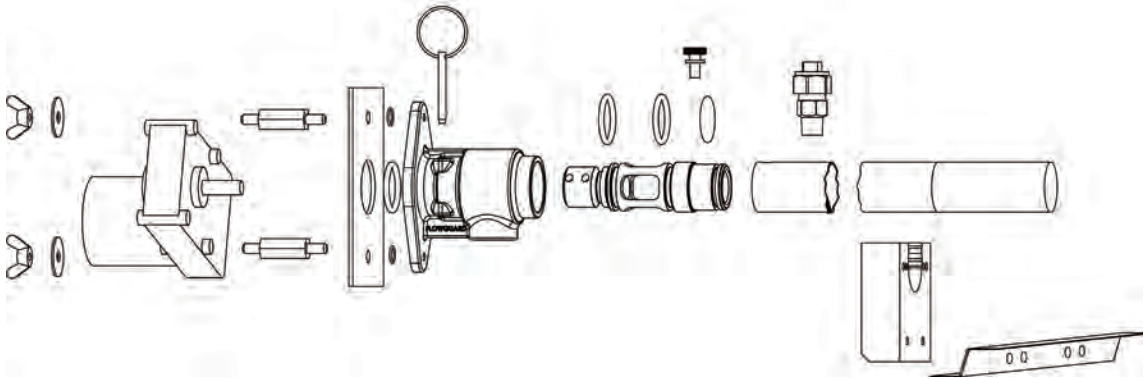


SSC Electric Drive Wand Assembly Parts & Accessories

Item Number	Item	Part Number	Price
	Wand Assy. complete with nozzles (SSC 48/48-100)	F012-RE048AC	397.00
	Wand Assy. complete with nozzles (SSC 72/272-100)	F012-RE072AC	477.00
	Wand Assy. complete with nozzles (SSC 96/296-100)	F012-RE096AC	551.00
	Wand Assy. SS complete with nozzles (SSC 2144-100)	F012-RE144ACL	747.00
1	Electric drive motor	F012-RE-300	426.00
2	Wing nut, brass (each 2 req.)	F902-518	1.00
3	Washer (each 2 req.)	F922-112	.50
4	Transmission retainer bolt (each 2 req.)	F012-0555	14.00
5	Transmission body housing	F012-0510	72.00
6	Drive rotor retainer pin	F012-0580	7.25
7	O-ring, Buna (each 2 req.)	F943-214	.75
8	Wand retainer thumb screw	F012-0540	3.75
9	O-ring, Buna (each 1 req.)	F943-119	.50
10	Nozzle assy. with Red Tip (3 pc)	F012-XK010	6.25
11	Wand tube less nozzles (SSC 48/48-100)	F012-RE048ALN	308.00
11	Wand tube less nozzles (SSC 72/272-100)	F012-RE072ALN	348.00
11	Wand tube less nozzles (SSC 96/296-100)	F012-RE096ALN	370.00
11	Wand tube SS less nozzles (SSC 2144-100)	F012-RE144ALL	509.00
12	Drive rotor with o-rings	F012-0530C	46.00
12	Drive rotor with o-rings for SS Wand	F012-0531C	46.00
13	Wand bearing	F012-WB210	25.00
	Electric drive power supply, 24VDC	F012-0385N	745.00
	Main cable	F012-0385NC1	185.00
	Extension cable	F012-0385NC2	125.00
14	O-Ring	F943-012	.50
15	O-Ring	F943-031	.50

Series 1200 SSC Gravity Screen Filters

Series 1200 Retro-fit Kits

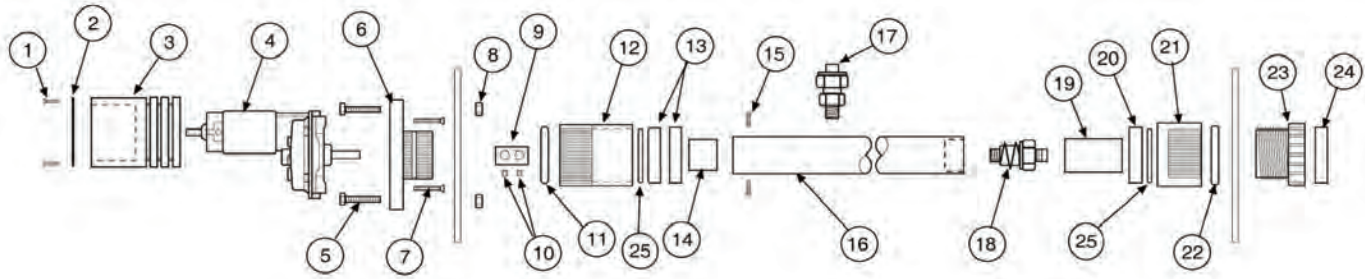


SSC Electric Drive Wand Assembly Retrofit Parts

Item	Part Number	Price
Retrofit Kit (SSC 48/48-100 AL Wands)	F012-WR1048NE	3,091.00
Retrofit Kit (SSC 48/48-100 SS Wands)	F012-WR1048NEL	3,307.00
Retrofit Kit (SSC 72/72-100 AL Wands)	F012-WR1072NE	3,227.00
Retrofit Kit (SSC 72/72-100 SS Wands)	F012-WR1072NEL	3,454.00
Retrofit Kit (SSC 96/96-100 AL Wands)	F012-WR1096NE	3,421.00
Retrofit Kit (SSC 96/96-100 SS Wands)	F012-WR1096NEL	3,732.00
Retrofit Kit (SSC 272/272-100 AL Wands)	F012-WR2072NE	6,124.00
Retrofit Kit (SSC 272/272-100 SS Wands)	F012-WR2072NEL	6,553.00
Retrofit Kit (SSC 296/296-100 AL Wands)	F012-WR2096NE	6,713.00
Retrofit Kit (SSC 296/296-100 SS Wands)	F012-WR2096NEL	7,303.00
Retrofit Kit (SSC 2144-100 SS Wands)	F012-WR2144NEL	7,808.00

Series 1200 SSC Gravity Screen Filters

Series 1200 Parts and Accessories



SSC Electric Drive Wand Assembly - Old Style

Item Number	Description	Part Number	Price
1-4	Drive Motor w/Housing	F012-RA-200	432.00
1-10	Electric Drive Motor Assembly Complete	F012-RE-100	522.00
1	Stainless Steel Socket Head Cap Screw	F012-0133	.50
2	Motor Housing Cover	F012-RA-054	6.00
3	Motor Housing	F012-RA-055	125.00
4	Drive Motor	F012-0377	311.00
5	1/4" Stainless Steel Hex Bolt	F920-110	1.25
6	Gear Motor Adaptor	F012-RA-056	69.00
7	Stainless Steel Flat Head Machine Screw	F964-18A	.50
8	1/4" Stainless Steel Hex Nut	F922-010	.80
9	5/8" Square Drive Adaptor	F012-RA-057	16.00
10	Stainless Steel Set Screw (2 Req.)	F905-232	.50
11	O-Ring	F943-327	.80
12	Seal Assembly Adaptor	F012-RA-058	13.00
13	National Seal (2 ea.)	F012-0400	8.75
14	Rubber Drive Bushing	F012-0387	5.50
15	#4 x 3/8" Stainless Steel Sheet Metal Screw (2 Req.)	F012-0135	.25
16	Wand Tube, 48"	F012-RE048SA	389.00
16	Wand Tube, 72"	F012-RE072SA	428.00
16	Wand Tube, 96"	F012-RE096SA	480.00
16	Wand Tube, 144"	F012-RE144SA	635.00
17	Spray Nozzle (White) 3-pc (ea.) Std.	F012-XK010	6.25
17	Sray Tip (White)	F012-0309	2.25
17	Nozzle Cap	F012-0307	2.25
17	Nozzle Body	F012-0308	2.25
15-20	Wand Assembly (less drive) 48"	F012-RE048AA	554.00
15-20	Wand Assembly (less drive) 72"	F012-RE072AA	677.00
15-20	Wand Assembly (less drive) 96"	F012-RE096AA	754.00
15-20	Wand Assembly (less drive) 144"	F012-RE144AA	948.00
18	Water Union Assembly	F012-RE-105	45.00
19	PVC Nipple (internal thread)	F012-RA-090	26.00
20	National Seal	F012-0400	8.75
21	Female Drive Union Seal Bushing	F012-RA-091	8.00
22	O-Ring	F943-327	.80
23	Male Drive Union Seal Bushing	F012-RA-092	26.00
24	National Seal	F012-0400	8.75
25	UHMW Washer w/item #12 & #21	F012-RA-093	14.00

Series 1300 *Stainless Steel Pressurized Screen Filters*



The Series 1300 Pressurized Screen Filters deliver excellent filtration of inorganic contaminants found in irrigation water. Two models provide flow ranges from 100 to 3200 GPM, and filtration grades from 50 to 200 mesh. All filters are manufactured from durable 304 stainless steel.

Please contact your nearest Fresno Valves & Castings location for current quotation for any of your stainless steel pressurized screen filter needs.

SPS Pressurized Screen Filters

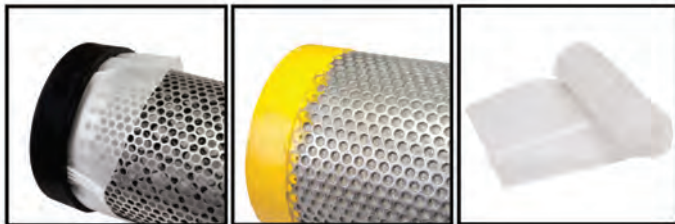
Model No.	GPM	Part Number
SPS 6-1	100	F013-0601A
SPS 6-2	200	F013-0602A
SPS 6-3	300	F013-0603A
SPS 8-4	400	F013-0804A
SPS 8E-4	400	F013-0804B
SPS 10-8	800	F013-1008A
SPS 10-8F	800	F013-1008AF
SPS 10-16	1600	F013-1016A
SPS 10-24	2400	F013-1024A
SPS 10E-8	800	F013-1008B
SPS 10E-16	1600	F013-1016B
SPS 10E-24	2400	F013-1024B
SPS 10E-16I	1600	F013-1016C
SPS 10E-24I	2400	F013-1024C

SYS Pressurized Screen Filters

Model No.	GPM	Part Number
SYS 6-1	100	F014-0601A
SYS 6-2	200	F014-0602A
SYS 6-3	300	F014-0603A
SYS 10-8	800	F014-1008A
SYS 10-12	1200	F014-1012A

Series 1300 Stainless Steel Pressurized Screen Filters

SPS/SYS Screens



SPS/SYS Parts



Model No.	Mesh	Poly Sreen Assembly	SS Screen Assembly	Poly Sock Only
SPS 6-1	50	198.00 F013-S06105	414.00 F013-S06105B	N/A
SPS 6-1	80	198.00 F013-S06108	414.00 F013-S06108B	64.00 F013-S06108P
SPS 6-1	150	198.00 F013-S06115	414.00 F013-S06115B	64.00 F013-S06115P
SPS 6-1	200	N/A	414.00 F013-S06120B	N/A
SPS 6-2	50	244.00 F013-S06205	671.00 F013-S06205B	103.00 F013-S06205P
SPS 6-2	80	244.00 F013-S06208	671.00 F013-S06208B	103.00 F013-S06208P
SPS 6-2	150	244.00 F013-S06215	671.00 F013-S06215B	103.00 F013-S06215P
SPS 6-2	200	N/A	671.00 F013-S06220B	N/A
SPS 6-3	50	280.00 F013-S06305	762.00 F013-S06305B	110.00 F013-S06305P
SPS 6-3	80	280.00 F013-S06308	762.00 F013-S06308B	110.00 F013-S06308P
SPS 6-3	150	280.00 F013-S06315	762.00 F013-S06315B	110.00 F013-S06315P
SPS 6-3	200	N/A	762.00 F013-S06320B	N/A
SPS 8 (SPS only)	80	351.00 F013-S08080	793.00 F013-S08080A	118.00 F013-S08080P
SPS 8 (SPS only)	150	351.00 F013-S08150	793.00 F013-S08150B	118.00 F013-S08150P
SPS 8 (SPS only)	200	N/A	793.00 F013-S08200B	N/A
SPS 10	50	516.00 F013-S10050	1,311.00 F013-S10050B	135.00 F013-S10050P
SPS 10	80	516.00 F013-S10080	1,311.00 F013-S10080B	135.00 F013-S10080P
SPS 10	150	516.00 F013-S10150	1,311.00 F013-S10150B	135.00 F013-S10150P
SPS 10	200	N/A	1,311.00 F013-S10200B	N/A

Part Description	SPS/SYS 6	SPS 8	SPS/SYS 10
Cover w/Gasket	80.00 F013-06-040	150.00 F013-08-040	169.00 F013-10-041
Cover Gasket	14.00 F013-0660	16.00 F011-90726	16.00 F013-1060
Cover Bolts		2.50 F920-514	4.00 F920-730
Cover Nuts		2.25 F902-650	10.00 F013-10225
Cover Arch	50.00 F013-06-045		
Tee Screw Assembly	43.00 F013-06-050		
U Channel Gasket	12.00 F013-90106	15.00 F013-90100	19.00 F013-90110
Insulator SPS/SYS 6-1	4.00 F013-S061-10	13.00 F013-S08-10	20.00 F013-S10-10
Insulator SPS 6-2	5.00 F013-S062-10		
Insulator SPS 6-3	9.00 F013-S063-10		
Core Tube	123.00 F013-S061-20	175.00 F013-S08-20	337.00 F013-S10-20
Core Tube	142.00 F013-S062-20		
Core Tube	194.00 F013-S063-20		

Series 1500 *Galvanized Screen Filters*



The Series 1500 Pressurized Screen Filters deliver excellent filtration of inorganic contaminants found in irrigation water. Three models provide flow ranges of 700, 1200 or 1750 GPM, and filtration screen options 1/16", 3/32" or 1/8". Available with Victaulic, Flanged, Plain End or Ringlock ends. These versatile filters can be used as pre-filters or primary filters, depending on application and water quality. Our double-sealed design provides a superior seal between the screen and filter body.

Series 1500 Galvanized Screen Filters

6"/700 GPM with 1/16 Screen

Inlet	Outlet	Part Number	Price
Flange	Flange	P3831-02	1,656.00
Plain End	Plain End	P3831-03	1,455.00

8"/1200 GPM with 1/16 Screen

Inlet	Outlet	Part Number	Price
Victaulic	Victaulic	P3821-01	2,501.00
Flange	Flange	P3821-02	2,317.00
Plain End	Plain End	P3821-03	2,145.00
Ringlock Male	Ringlock Bell	P3821-04	2,605.00

8"/1750 GPM with 1/16 Screen

Inlet	Outlet	Part Number	Price
Victaulic	Victaulic	P3850-01	3,859.00
Flange	Flange	P3850-02	3,939.00
Plain End	Plain End	P3850-03	3,823.00
Ringlock Male	Ringlock Bell	P3850-04	4,053.00

6"/700 GPM with 3/32 Screen

Inlet	Outlet	Part Number	Price
Flange	Flange	P3831-12	1,524.00
Plain End	Plain End	P3831-13	1,375.00

8"/1200 GPM with 3/32 Screen

Inlet	Outlet	Part Number	Price
Victaulic	Victaulic	P3821-21	2,329.00
Flange	Flange	P3821-22	2,179.00
Plain End	Plain End	P3821-23	2,041.00
Ringlock Male	Ringlock Bell	P3821-24	2,444.00

8"/1750 GPM with 3/32 Screen

Inlet	Outlet	Part Number	Price
Victaulic	Victaulic	P3850-11	3,525.00
Flange	Flange	P3850-12	3,427.00
Plain End	Plain End	P3850-13	3,439.00
Ringlock Male	Ringlock Bell	P3850-14	3,367.00

Filter Foot Saddle Kit

Part	Part Number	Price
Filter Foot Saddle Kit	P9093-02	405.00



Available Epoxy Coated

Series 1500 *Galvanized Screen Filters*

Parts

Replacement Screens Assemblies



Description	Type	Part Number	Price
1200 GPM - 1/16" Screen	Plain End	P3823-52	1,045.00
1200 GPM - 3/32" Screen	Plain End	P3823-51	803.00
1750 GPM - 1/16" Screen	Plain End	P3823-56	1,689.00
1750 GPM - 3/32" Screen	Plain End	P3823-55	1,238.00



Description	Type	Part Number	Price
1200 GPM - 1/16" Screen	Double Seal	P3822-52	998.00
1200 GPM - 3/32" Screen	Double Seal	P3822-51	798.00
1750 GPM - 1/16" Screen	Double Seal	P3822-56	1,661.00
1750 GPM - 3/32" Screen	Double Seal	P3822-55	1,348.00

Parts



Description	Type	Part Number	Price
1/16" Filter Screen*	Plain End	P3822-32	747.00
3/32" Filter Screen*	Plain End	P3822-31	497.00
1/16" Filter Screen*	Double Seal	P3902-40	622.00
3/32" Filter Screen*	Double Seal	P3902-41	420.00
Ring Lock Clamp		P2123-05	33.00
Filter Plug 1200 GPM	Plain End	P3824-01	292.00
Filter Plug 1750 GPM	Plain End	P3824-21	216.00
Filter Plug 60" & 132"	Double Seal	P3902-52	246.00

***Note:** 1750 gpm filters use two (2) screens each.

J-95 Micro Sprayer Assemblies



Putting water precisely where you need it, Fresno Micro Sprayers provide a wide range of flow rates and distribution patterns well suited for virtually any field application.

Includes assembled frame, nozzle, tube and coupler.

NOTE: All J-95 Micro Sprayer prices reflect price per unit, based on packages of 100 as a minimum order.

Stake is a separate order item.



Complete Micro Sprayer Assembly w/24" tube

Size & Color	"A" Pattern	"J" Pattern	"B" Pattern	"N" Pattern	"S" Pattern	"R" Pattern	"H" Pattern	Price
30 Black	F092-A302400C	F092-J302400C	F092-B302400C	F092-N302400C	F092-S302400C	F092-R302400C	F092-H302400C	1.20
35 Orange	F092-A352400C	F092-J352400C	F092-B352400C	F092-N352400C	F092-S352400C	F092-R352400C	F092-H352400C	1.20
40 Blue	F092-A402400C	F092-J402400C	F092-B402400C	F092-N402400C	F092-S402400C	F092-R402400C	F092-H402400C	1.20
45 Violet	F092-A452400C	F092-J452400C	F092-B452400C	F092-N452400C	F092-S452400C	F092-R452400C	F092-H452400C	1.20
50 Green	F092-A502400C	F092-J502400C	F092-B502400C	F092-N502400C	F092-S502400C	F092-R502400C	F092-H502400C	1.20
55 Yellow	F092-A552400C	F092-J552400C	F092-B552400C	F092-N552400C	F092-S552400C	F092-R552400C	F092-H552400C	1.20
60 Red	F092-A602400C	F092-J602400C	F092-B602400C	F092-N602400C	F092-S602400C	F092-R602400C	F092-H602400C	1.20

Complete Micro Sprayer Assembly w/36" tube

Size & Color	"A" Pattern	"J" Pattern	"B" Pattern	"N" Pattern	"S" Pattern	"R" Pattern	"H" Pattern	Price
30 Black	F092-A303600C	F092-J303600C	F092-B303600C	F092-N303600C	F092-S303600C	F092-R303600C	F092-H303600C	1.24
35 Orange	F092-A353600C	F092-J353600C	F092-B353600C	F092-N353600C	F092-S353600C	F092-R353600C	F092-H353600C	1.24
40 Blue	F092-A403600C	F092-J403600C	F092-B403600C	F092-N403600C	F092-S403600C	F092-R403600C	F092-H403600C	1.24
45 Violet	F092-A453600C	F092-J453600C	F092-B453600C	F092-N453600C	F092-S453600C	F092-R453600C	F092-H453600C	1.24
50 Green	F092-A503600C	F092-J503600C	F092-B503600C	F092-N503600C	F092-S503600C	F092-R503600C	F092-H503600C	1.24
55 Yellow	F092-A553600C	F092-J553600C	F092-B553600C	F092-N553600C	F092-S553600C	F092-R553600C	F092-H553600C	1.24
60 Red	F092-A603600C	F092-J603600C	F092-B603600C	F092-N603600C	F092-S603600C	F092-R603600C	F092-H603600C	1.24

J-95 Micro Sprayers



Nozzle & Frame Only

Size & Color	"A" Pattern	"J" Pattern	"B" Pattern	"N" Pattern	"S" Pattern	"R" Pattern	"H" Pattern	Price
30 Black	F092-95-A30C	F092-95-J30C	F092-95-B30C	F092-95-N30C	F092-95-S30C	F092-95-R30C	F092-95-H30C	.47
35 Orange	F092-95-A35C	F092-95-J35C	F092-95-B35C	F092-95-N35C	F092-95-S35C	F092-95-R35C	F092-95-H35C	.47
40 Blue	F092-95-A40C	F092-95-J40C	F092-95-B40C	F092-95-N40C	F092-95-S40C	F092-95-R40C	F092-95-H40C	.47
45 Violet	F092-95-A45C	F092-95-J45C	F092-95-B45C	F092-95-N45C	F092-95-S45C	F092-95-R45C	F092-95-H45C	.47
50 Green	F092-95-A50C	F092-95-J50C	F092-95-B50C	F092-95-N50C	F092-95-S50C	F092-95-R50C	F092-95-H50C	.47
55 Yellow	F092-95-A55C	F092-95-J55C	F092-95-B55C	F092-95-N55C	F092-95-S55C	F092-95-R55C	F092-95-H55C	.47
60 Red	F092-95-A60C	F092-95-J60C	F092-95-B60C	F092-95-N60C	F092-95-S60C	F092-95-R60C	F092-95-H60C	.47

Note: All J-95 Micro Sprayer prices reflect price per unit, based on packages of 100 as a minimum order.

Nozzle only (pkgs. of 1,000)



Size	Part Number	Price
30 Black	F092-95N30	.25
35 Orange	F092-95N35	.25
40 Blue	F092-95N40	.25
45 Violet	F092-95N45	.25
50 Green	F092-95N50	.25
55 Yellow	F092-95N55	.25
60 Red	F092-95N60	.25

Frame only (pkgs. of 1,000)



Pattern	Part Number	Price
A	F092-95P-A	.40
J	F092-95P-J	.40
B	F092-95P-B	.40
N	F092-95P-N	.40
S	F092-95P-S	.40
R	F092-95P-R	.40
H	F092-95P-H	.40
I	F092-95P-I	.40

Versa Stake



Part Number	Price
F092-5000	.60

Tube and Coupler Assembly



Size	Part Number	Price
24"	F092-99T24C	.35
30"	F092-99T30C	.36
36"	F092-99T36C	.38
72"	F092-99T72C	.47

PIERCETM

FITTINGS

Universal Fittings



Lateral Coupler Set (Set Tee PO x UBA x FT)

Handline Press in coupler offers either 3/4" or 1" sprinkler outlet. Galvanized unit complete with band assembly and roundback gasket.

Press On	Universal Bell (w/apron)	Tee (female thread)	Part Number	Price
2"	2"	3/4"	P1016-81	41.00
3"	3"	3/4"	P1898-81	35.00
4"	4"	3/4"	P1016-83	53.00
2"	2"	1"	P1016-86	43.00
3"	3"	1"	P1898-82	38.00
4"	4"	1"	P1016-88	56.00
3"	3"	-	P3280-92	36.00



Lateral Coupler Tee (Tee PO x UBA x FT)

Handline Press in coupler offers either 3/4" or 1" sprinkler outlet. Complete with roundback gasket. Band assembly not included.

Press On	Universal Bell (w/apron)	Tee (female thread)	Part Number	Price
2"	2"	3/4"	P1016-61	32.00
3"	3"	3/4"	P1898-61	26.00
4"	4"	3/4"	P1016-63	39.00
2"	2"	1"	P1016-66	35.00
3"	3"	1"	P1898-62	29.00
4"	4"	1"	P1016-68	41.00
3"	3"	-	P3280-72	27.00



Mainline Coupler Set (Set Connector PO x UB)

Mainline Coupler Set, press into aluminum pipe. Used on supply line, no outlets. Complete with band assembly and roundback gasket.

Press On	Universal Bell	Part Number	Price
3"	3"	P1014-92	33.00
4"	4"	P1014-93	45.00
6"	6"	P1014-95	66.00



Mainline Coupler (Connector PO x UB)

Mainline Coupler, press into aluminum supply pipe. Complete with roundback gasket. Band assembly not included.

Press On	Universal Bell	Part Number	Price
3"	3"	P1014-72	24.00
4"	4"	P1014-73	30.00
6"	6"	P1014-75	45.00

Abbreviations

FT – Female Thread
PO – Press-on
UB – Universal Bell
UBA – Universal Bell w/Apron

Universal Fittings

Mainline to Lateral Set (Set Tee PO x UB x RV)

Mainline Valve Tee Set, press into aluminum pipe. Has valve stub for valve opener attachment. Used on mainline supply pipe. Complete with band assembly and roundback gasket.

Press On	Universal Bell	Ringlock Valve Stub	Part Number	Price
4"	4"	3"	P1055-82	142.00
4"	4"	4"	P1056-81	146.00
6"	6"	4"	P1056-83	170.00



Mainline to Lateral (Tee PO x UB x RV)

Mainline Valve Tee, comes with V-Stub for valve opener attachment. Used on aluminum pipe for water supply. Press into pipe comes with roundback gasket. Band assembly not included.

Press On	Universal Bell	Ringlock Valve Stub	Part Number	Price
4"	4"	3"	P1055-62	127.00
4"	4"	4"	P1056-61	132.00
6"	6"	4"	P1056-63	149.00



Independent Main to Lateral Valve (Tee UM x UB x RV)

Independent Valve Tee allows valve stub to be located where needed. Complete with roundback gasket.

Press On	Universal Bell	Ringlock Valve Stub	Part Number	Price
4"	4"	3"	P1072-62	130.00
4"	4"	4"	P1073-61	149.00
6"	6"	4"	P1073-63	190.00



Line Reducer (Connector UM x UB ASM)

Latch Type Line Reducer offers reduction to allow change in pipe size. Roundback gasket included.

Universal (Male End)	Universal Bell	Part Number	Price
3"	2"	P1085-61	54.00
4"	3"	P1085-63	71.00
6"	4"	P1085-68	102.00



Abbreviations

PO – Press-on
UB – Universal Bell
UM – Universal Male End
RV – Ringlock Valves Stub
ASM – Assembly

Universal Fittings

End Tee (Tee UB x UB x UM)

Latch Type End Tee installs at end of main supply pipe to enable additional lines to be run at 90° angles to main. Roundback gasket included.



Universal Bell	Universal Bell	Universal (Male End)	Part Number	Price
2"	2"	2"	P1079-61	106.00
3"	3"	3"	P1077-61	110.00
4"	4"	4"	P1077-62	134.00
6"	6"	6"	P1078-62	205.00

Line Tee (Tee UM x UB x UB)

Latch Type Line Tee offers a 90° branch off the main supply line in either direction. Roundback gaskets included.



Universal (Male End)	Universal Bell	Universal Bell	Part Number	Price
2"	2"	2"	P1092-61	108.00
3"	3"	2"	P1091-61	112.00
3"	3"	3"	P1091-62	114.00
4"	4"	3"	P1090-62	136.00
4"	4"	4"	P1090-63	144.00
6"	6"	6"	P1089-64	218.00

90° Elbow (ELL 90 UM x UB)

Latch Type 90° Elbow allows a 90° change in direction from main supply line. Roundback gasket included.



Universal (Male End)	Universal Bell	Part Number	Price
2"	2"	P1103-61	76.00
3"	3"	P1104-61	85.00
4"	4"	P1105-61	121.00
6"	6"	P1107-61	194.00

45° Elbow (ELL 45 UM x UB)

Latch Type 45° Elbow allows a 45° change in direction from main supply line. Roundback gasket included.



Universal (Male End)	Universal Bell	Part Number	Price
2"	2"	P1121-61	76.00
3"	3"	P1122-61	86.00
4"	4"	P1123-61	119.00
6"	6"	P1125-61	178.00

Abbreviations

UB – Universal Bell
UM – Universal Male End

Universal Accessories

Hose to Coupler (Connector HM x UB)

Female Hose Fitting designed to enable customers to fabricate rubber hose assemblies. Roundback gasket included.

Hose (Male End)	Universal Bell	Part Number	Price
2" OD	2"	P1788-61	37.00
3" OD	3"	P1788-62	38.00
4" OD	4"	P1788-63	44.00
5" OD	5"	P1788-64	59.00
6" OD	6"	P1788-65	68.00



Hose to Male End (Connector UM x HM)

Male Hose End designed to enable customers to fabricate rubber hose assemblies. Multiple ring hose ends available for high pressure.

Hose (Male End)	Universal Male End	Part Number	Price
2" OD	2"	P1791-01	43.00
3" OD	3"	P1791-02	44.00
4" OD	4"	P1791-04	48.00
5" OD	5"	P1791-06	69.00
6" OD	6"	P1791-07	78.00



Discharge Adapter (Connector MT x UB G)

Pump Discharge Adapter with roundback gasket.

MIPT	Universal Bell	Part Number	Price
2"	2"	P1739-63	30.00
2"	3"	P1740-63	44.00
3"	3"	P1739-65	45.00
3"	4"	P1740-67	60.00



Steel Repair Coupler

Pipe repair coupler used to splice back together damaged aluminum pipe.

Size	Part Number	Price
3"	P1844-02	11.00
4"	P1844-03	23.00
5"	P1844-04	28.00
6"	P1844-05	32.00
8"	P1844-07	51.00
10"	P1844-08	65.00
12"	P1844-09	81.00



Abbreviations

G – Galvanized
HM – Hose Male End
MT – Male Thread
UB – Universal Bell
UM – Universal Male End

Universal Accessories



Press-On Male End (Male End UNI PO ASM)

Press into aluminum pipe to form latch type male end.

Size	Part Number	Price
3"	P1042-01	27.00
4"	P1042-02	32.00
5"	P1042-03	44.00
6"	P1042-04	54.00



Plug (UNI ASM)

Latch Type End Plug designed to terminate water flow in handline systems.

Size	Part Number	Price
2"	P1087-01	31.00
3"	P1087-02	36.00
4"	P1087-03	49.00
5"	P1087-04	58.00
6"	P1087-05	67.00



Weld-On Starter Coupler (Bell WOP UNI)

Welds to steel pipe to form a connection to Latch type fittings. Roundback gasket included.

Size	Part Number	Price
3"	P1048-62	23.00
4"	P1048-63	27.00
5"	P1048-64	36.00
6"	P1048-65	41.00
8"	P1048-67	55.00



Assembled Bands (ASM UNI)

Bolts to aluminum pipe form latch type connection.

Size	Part Number	Price
2"	P1034-01	9.00
3"	P1035-01	9.00
4"	P1036-81	15.00
5"	P1036-82	16.00
6"	P1036-83	21.00
8"	P1037-82	39.00

Abbreviations

ASM – Assembly
PO – Press-on
UNI – Universal
WOP – Weld On Pipe

Valve Openers

Valve Opening Elbow Universal (VOE RL x UB ASM)

Clamps to Valve Stub, to allow water flow control in one direction. Latch type. Gaskets included.

Ringlock	Universal Bell	Outlet	Part Number	Price
3"	2"	-	P1694-61	134.00
3"	3"	-	P1694-62	143.00
4"	3"	-	P1694-64	150.00
4"	4"	-	P1694-65	166.00
5"	4"	-	P1694-68	188.00
5"	5"	-	P1694-69	205.00
6"	4"	-	P1694-72	194.00
6"	5"	-	P1694-73	216.00
6"	6"	-	P1694-74	222.00
8"	6"	-	P1699-63	387.00
8"	8"	-	P1699-65	408.00
10"	8"	-	P0037-47	537.00
10"	10"	-	P0052-57	551.00
4"	3"	3/4"	P1698-64	163.00
4"	4"	3/4"	P1698-65	177.00



Valve Opening Tee Universal (VOT RL x UB ASM)

Clamps to Valve-Stub, to allow water flow in two directions. Latch type. Includes gaskets.

Ringlock	Universal Bell	Universal Bell	Outlet	Part Number	Price
4"	3"	3"	-	P1711-64	186.00
4"	4"	4"	-	P1711-65	207.00
6"	4"	4"	-	P1711-72	244.00
6"	6"	6"	-	P1711-74	294.00
8"	6"	6"	-	P1713-63	408.00
8"	8"	8"	-	P1712-76	473.00
4"	3"	3"	3/4"	P3113-64	214.00
4"	4"	4"	3/4"	P3113-65	227.00



Valve Opening Elbow Ringlock (VOE RL x RB ASM)

Clamps to Valve Stub, to allow water flow control in one direction. Ring-Lock type. Includes gaskets.

Ringlock	Ringlock Bell	Part Number	Price
4"	4"	P1716-65	156.00
6"	4"	P1716-72	192.00
6"	6"	P1716-74	218.00
8"	6"	P1715-63	367.00
8"	8"	P1715-65	391.00
10"	10"	P3619-61	523.00



Valve Opening Elbow Universal (VOE RL x UB-RL ASM)

Clamps to Valve Stub, to allow water flow control in one direction. Designed for latch type and ring-lock type. Includes Gasket.

Ringlock	Universal Bell	Part Number	Price
4"	3"	P0111-92	162.00
4"	4"	P0009-04	175.00
6"	6"	P0034-88	244.00
8"	8"	P0004-54	430.00
10"	8"	P0131-22	453.00
10"	10"	P0131-21	484.00



PIERCETM
FITTINGS

Abbreviations

ASM – Assembly
RL – Ringlock
VOE – Valve Opening Elbow

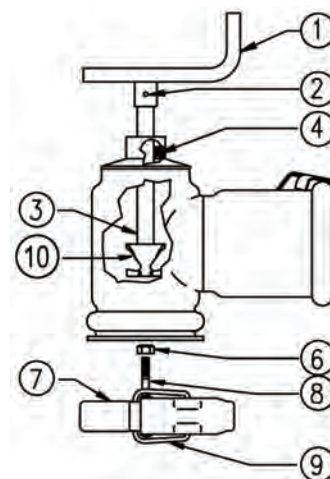
RB – Ringlock Bell
UB – Universal Bell
VOT – Valve Opening Tee

Universal Parts

Valve Opener Parts

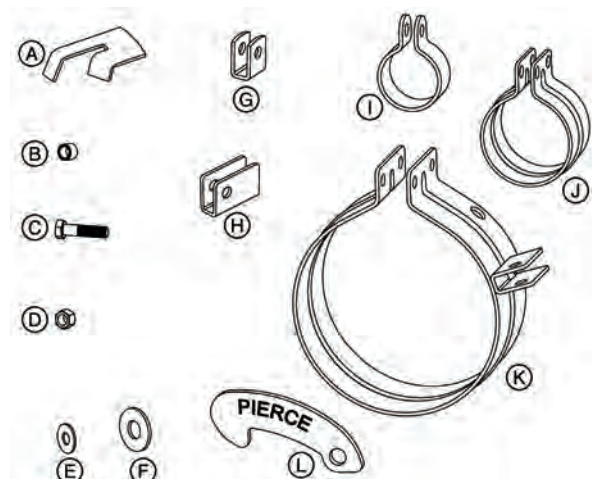
Valve Opener repair parts.

Part	Fig No.	Part Number	Price
Handle with collar, 3" to 6"	1	P1681-01	18.00
Handle with collar, 8"	1	P1174-01	23.00
Pin, Roll (Handle) 3" to 6"	2	P2107-06	1.50
Pin, Roll (Handle) 8"	2	P2107-11	1.50
Stem with Solid Yoke, 3/4" 3" to 4"	3*	P1191-01	16.00
Stem with Solid Yoke, 3/4" 5" to 6"	3*	P1191-02	18.00
Stem 1 x 16 VOE 8 + 10	3*	P1683-01	54.00
Gasket, Chevron, Rubber 3" to 6"	4	P2100-01	2.75
Gasket, Chevron, Rubber 8"	4	P2101-01	2.50
1/4" Lock Nut	6	P2031-02	.75
Clamp Lock Ring 3"	7	P1679-01	26.00
Clamp Lock Ring 4"	7	P1679-02	27.00
Clamp Lock Ring 5"	7	P1679-03	32.00
Clamp Lock Ring 6"	7	P1679-04	30.00
Clamp Lock Ring 8"	7	P1679-05	38.00
Clamp Lock Bolt 1/4" x 3-1/2"	8	P2018-10	1.25
Clamp Lock Ring Bail 3" to 8"	9	P2125-41	2.75
3 - 6 VOE Stem Yoke (clutch)	10	YFV090-02503C	14.00
VOE Stem Yoke (clutch)	8- 10	F090-02508C	24.00



Miscellaneous Parts

Band Components.



Part	Letter	Part Number	Price
Catch Universal, 2" to 4"	A	P1012-01	2.75
Catch Universal, 5" to 8"	A	P1012-02	3.50
Ferrule Aluminum	B	P2028-01	1.25
Bolt, 3/8" - 1-1/2"	C	P2020-05	1.25
Nut, 3/8"	D	P2034-07	.75
Washer, 3/8"	E	P2042-08	.75
Washer, 9/16"	F	P2042-11	.75
"U" Clevis 1" x 1 Hole	G	P1027-01	3.50
"U" Clevis 2" x 1 Hole	H	P1028-01	5.00
Band, Galvanized 2"	I	P1021-01	4.00
Band, Galvanized 3"	J	P1022-01	5.75
Band, Galvanized 4"	J	P1023-01	7.25
Band, Galvanized 5"	J	P1023-02	10.00
Band, Galvanized 6"	J	P1024-01	15.00
Band, Galvanized 8"	K	P1026-02	33.00
Hook Universal	L	P1030-01	4.00

PIERCETM
FITTINGS

Butterfly Line Valves

Butterfly Line Valve Universal (Valve BF UM x UB ASM)

Latch type valve used to open or close water flow in a piping system. Includes roundback gasket.

Size	Part Number	Price
4"	P1812-61	246.00
5"	P1813-61	270.00
6"	P1814-61	318.00
8"	P1815-61	430.00
10"	P1816-61	551.00



Butterfly Line Valve Ringlock (Valve BF RM x RB ASM)

Ring-lock valve used to open or close water flow in a piping system. Includes roundback gasket.

Size	Part Number	Price
4"	P1821-61	222.00
5"	P1822-61	268.00
6"	P1823-61	296.00
8"	P1824-61	406.00
10"	P1825-61	583.00
12"*	P1826-61	715.00



Note: *12" utilizes a 10" body.

Butterfly Line Valve Plain End (Valve BF PE x BF)

Weld in valve used to open or close water flow in a piping system. Plain ends with no extensions.

Size	Part Number	Price
4"	P1800-01	207.00
5"	P1801-01	225.00
6"	P1802-01	264.00
8"	P1803-01	322.00
10"	P1804-01	456.00



Butterfly Valve Epoxy (Valve BF PB x PB ASM)

Used to control water flow in underground PVC piping system (IPS or PIP). Includes gaskets.

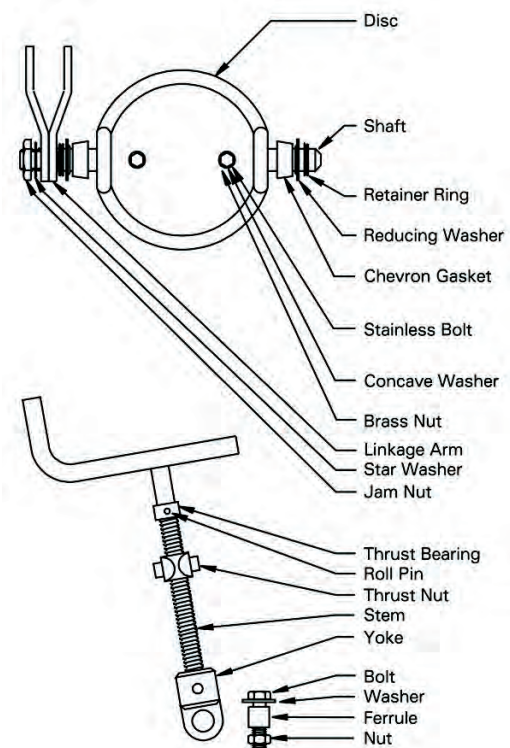
Size	Type	Part Number	Price
4"	IPS	P1184-01	254.00
6"	IPS	P1186-01	356.00
8"	IPS	P1187-01	428.00
10"	IPS	P1188-01	620.00
12"*	IPS	P1189-01	715.00
4"	PIP	P1193-01	266.00
6"	PIP	P1194-01	335.00
8"	PIP	P1195-01	389.00
10"	PIP	P1196-01	583.00
12"*	PIP	P1197-01	704.00

Note: *12" utilizes a 10" body.

Abbreviations

ASM – Assembly	PE – Plain End	UB – Universal Bell
BF – Butterfly	PIP – PIP Bell	UM – Universal Male End
IPS – IPS Bell	RB – Ringlock Bell	
PB – PIP Bell	RM – Ringlock Male End	

Butterfly Line Valves



Butterfly Line Valve Parts

Components for repair of Butterfly valve both galvanized and epoxy.

Part	Part Number	Price
4" Disc	P1164-01	24.00
5" Disc	P1165-01	28.00
6" Disc	P1166-01	45.00
8" Disc	P1167-01	63.00
10" Disc	P1168-01	158.00
4" Shaft	P1155-01	24.00
5" Shaft	P1156-01	26.00
6" Shaft	P1157-01	39.00
8" Shaft	P1158-01	41.00
10" Shaft	P1159-01	49.00
4" or 5" Retainer Ring	P2098-02	1.50
6", 8", 10" Retainer Ring	P2098-03	2.00
4" or 5" Reducer Washer	P2041-01	1.50
6", 8", 10" Reducer Washer	P2041-03	1.25
4" or 5" Chevron Gasket	P2100-01	2.75
6", 8", 10" Chevron Gasket	P2101-01	2.50
4" or 5" Stainless Bolt	P2073-02	1.50
6" or 8" Stainless Bolt	P2073-04	2.50
10" Stainless Bolt	P2073-05	2.50
4" or 5" Concave Washer	P2042-09	1.25
6" thru 10" Concave Washer	P2042-07	1.25
4" or 5" Brass Nut	P2033-01	1.00
6" or 8" Brass Nut	P2033-02	2.25
4" thru 10" Linkage Arm	P1152-01	3.00
4" thru 10" 3/4" Star Washer	P2046-04	1.00
4" thru 10" 3/4" Jam Nut	P2037-03	1.25
4" thru 10" Stem Assembly	P1171-01	67.00
4" thru 10" Thrust Bearing	P2106-01	2.75
4" thru 10" Roll Pin	P2107-05	1.75
4" thru 10" Thrust Nut	P2105-02	13.00
4" thru 10" Stem	P1171-02	65.00
4" thru 10" Yoke	P2104-01	13.00
4" thru 10" Bolt	P2020-04	.75
4" thru 10" Washer	P2042-08	.75
4" thru 10" Ferrule	P2029-01	2.25
4" thru 10" Nut	P2034-07	.75
4" Butterfly Repair Kit	P9101-01	104.00
5" Butterfly Repair Kit	P9101-02	106.00
6" Butterfly Repair Kit	P9101-03	145.00
8" Butterfly Repair Kit	P9101-04	156.00
10" Butterfly Repair Kit	P9101-05	264.00

Chemigation & Check Valves

Chemigation Valve Flanged w/inspection port & air vent

Chemigation and Back Flow prevention valve.



Size	Galvanized Part Number	Price	Epoxy Part Number	Price
3"	P1775-60	462.00	P1778-19	462.00
4"	P1775-61	462.00	P1778-20	462.00
6"	P1778-61	548.00	P1778-21	548.00
8"	P1778-62	636.00	P1778-22	636.00
10"	P1778-63	781.00	P1778-23	781.00
12"	P1778-64	1,287.00	P1778-24	1,287.00

Chemigation Valve Wedge-Tite w/inspection port & air vent

Chemigation and Back Flow prevention valve with mechanical joint ends.



Size	Part Number	Price
6"	P3649-01	603.00
8"	P3650-01	746.00
10"	P3651-01	876.00

Note: Flange packs must be ordered separately.

Check Valve Flanged (Valve Check IF X IF ASM)

Back Flow prevention valve.



Size	Galvanized Part Number	Price	Epoxy Part Number	Price
3"	P1753-05	262.00	--	--
4"	P1755-01	293.00	P1755-02	293.00
6"	P1753-01	341.00	P1753-11	341.00
8"	P1753-02	429.00	P1753-12	429.00
10"	P1753-03	515.00	P1753-13	515.00
12"	P1753-04	953.00	P1753-14	953.00

Check Valve Plain End (Valve Check PE x PE ASM)

Back Flow prevention valve. Weld's into steel pipe line.



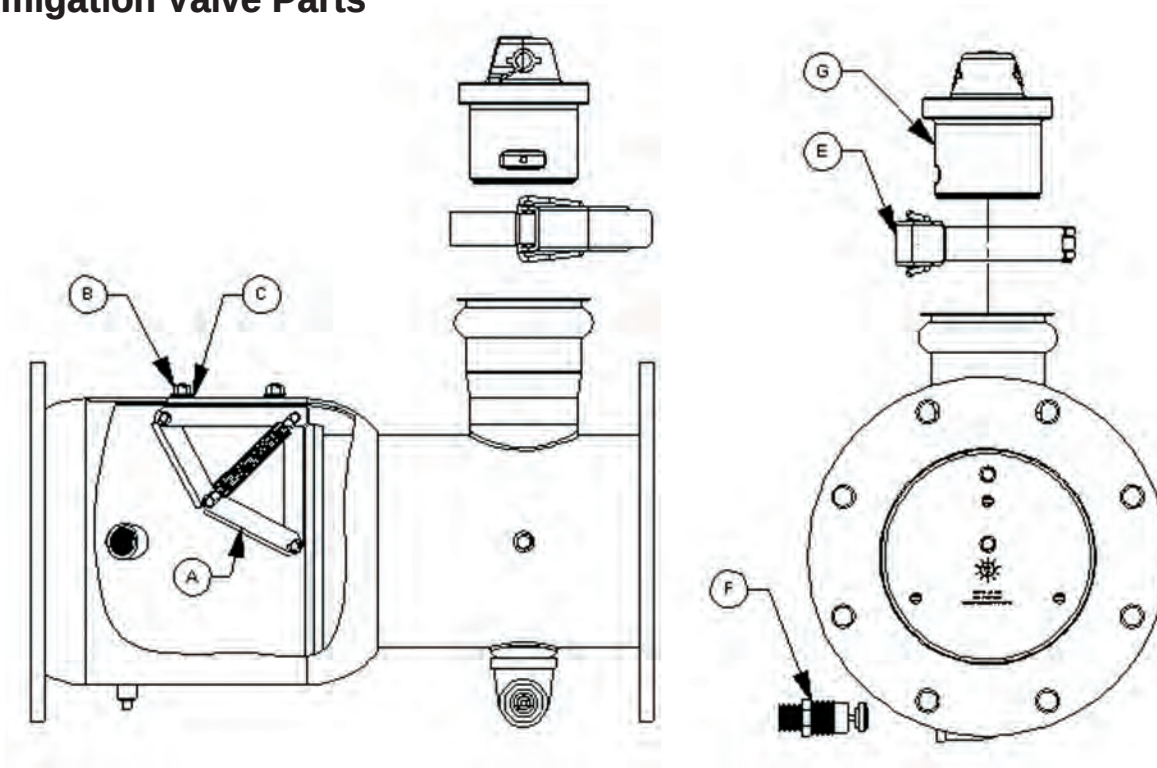
Size	Part Number	Price
3"	P1752-05	207.00
4"	P1754-01	218.00
6"	P1752-01	251.00
8"	P1752-02	315.00
10"	P1752-03	389.00
12"	P1752-04	647.00

Abbreviations

ASM – Assembly
PE – Plain End

Chemigation & Check Valves

Chemigation Valve Parts



Chemigation and Check Valves repair parts.

Part	Letter	Part Number	Price
3" Stainless Steel Linkage Kit w/Disc	A	P9091-06	130.00
4" Stainless Steel Linkage Kit w/Disc	A	P9091-04	156.00
6" Stainless Steel Linkage Kit w/Disc	A	P9091-01	188.00
8" Stainless Steel Linkage Kit w/Disc	A	P9091-02	214.00
10" Stainless Steel Linkage Kit w/Disc	A	P9091-03	244.00
12" Stainless Steel Linkage Kit w/Disc	A	P9091-05	302.00
Nut lock UNI-TQ 3/8", all sizes (2 required)	B	P2031-05	1.00
3/8" Sealing Washer, all sizes (2 required)	C	P2043-03	.75
Washer, SAE Plt 3/8", all sizes (2 required)	C	P2042-08	.75
4" Ringlock Ring	E	P2123-08	16.00
Drain Valve Assembly PVC	F	P2381-04	6.50
2" Air Relief	G	F030-20006	48.00
6" Spring	*	P2136-01	4.25
8" Spring	*	P2136-02	7.50
10" Spring	*	P2136-03	12.00
Old Style Airvent Adapter	*	P1773-01	76.00

* Not Shown

Ringlock Fittings

Mainline Coupler Set (Set Connector PO x RB)

Ringlock Mainline Coupler Set press into aluminum pipe. Includes male/female ends, ring and roundback gaskets.

Press On	Ringlock Bell	Part Number	Price
4"	4"	P1671-92	58.00
6"	6"	P1671-94	75.00
8"	8"	P1671-96	104.00
10"	10"	P1671-97	149.00
12"	12"	P1671-98	190.00



Mainline Coupler (Connector PO x RB)

Ringlock Mainline Coupler press into aluminum pipe to form connection between pipe joints. Includes roundback gasket only.

Press On	Ringlock Bell	Part Number	Price
4"	4"	P1671-72	23.00
6"	6"	P1671-74	32.00
8"	8"	P1671-76	49.00
10"	10"	P1671-77	73.00
12"	12"	P1671-78	94.00



Mainline to Lateral Set (Set Tee PO x RB x RV)

Press into aluminum pipe to provide water supply to valve opener. Includes valve main to lateral w/valve stub, male end, ring and roundback gasket.

Press On	Ringlock Bell	Valve Stub	Part Number	Price
4"	4"	4"	P1761-81	156.00
6"	6"	4"	P1761-83	196.00
8"	8"	4"	P1761-84	244.00
10"	10"	4"	P1761-85	286.00
12"	12"	4"	P1761-86	349.00



Mainline to Lateral (Tee PO x RB x RV)

Press into aluminum pipe to provide water supply to valve opener. Includes roundback gasket. Band assembly not included.

Press On	Ringlock Bell	Valve Stub	Part Number	Price
4"	4"	4"	P1761-61	121.00
6"	6"	4"	P1761-63	153.00
8"	8"	4"	P1761-64	189.00
10"	10"	4"	P1761-65	210.00
12"	12"	4"	P1761-66	253.00



Abbreviations

PO – Press-on
RB – Ringlock Bell
RV – Ringlock Valve Stub

Ringlock Fittings



End Tee (Tee RB x RB x RM)

To allow change of direction at end of aluminum mainline. Ring-Lock type. Includes roundback gasket.

Ringlock Bell	Ringlock Bell	Ringlock Male End	Part Number	Price
4"	4"	4"	P1181-61	117.00
6"	6"	6"	P1181-63	176.00
8"	8"	8"	P1181-65	259.00
10"	10"	10"	P1181-66	394.00
12"	12"	12"	P1181-67	517.00



Line Tee (Tee RM x RB x RB)

To allow branch line off of aluminum mainline in either direction. Ring-Lock type. Includes roundback gasket.

Ringlock Male End	Ringlock Bell	Ringlock Bell	Part Number	Price
4"	4"	4"	P1504-62	117.00
6"	6"	6"	P1506-64	174.00
8"	8"	8"	P1507-65	231.00
10"	10"	10"	P1509-61	394.00
12"	12"	12"	P1680-67	526.00



90° Elbow (ELL 90 RM x RB)

Elbow used in aluminum mainline for 90° change in direction. Ring-Lock type. Includes roundback gasket.

Ringlock Male End	Ringlock Bell	Type	Part Number	Price
4"	4"	Sweep	P1796-62	104.00
6"	6"	Sweep	P1797-61	148.00
8"	8"	Mitered	P1797-63	204.00
10"	10"	Mitered	P1797-64	286.00
12"	12"	Mitered	P1797-65	396.00



45° Elbow (ELL 45 RM x RB)

Elbow used in aluminum mainline for 45° change in direction. Ring-Lock type. Includes roundback gasket.

Ringlock Male End	Ringlock Bell	Type	Part Number	Price
4"	4"	Sweep	P1799-62	102.00
6"	6"	Sweep	P1798-61	121.00
8"	8"	Mitered	P1798-63	189.00
10"	10"	Mitered	P1798-64	253.00
12"	12"	Mitered	P1798-65	316.00

Abbreviations

ELL – Elbow
RB – Ringlock Bell
RM – Ringlock Male End

Ringlock Accessories



Male End (Male End RL PO)

Pressed into aluminum pipe to allow connection with female Ring-Lock couplers.

Size	Part Number	Price
4"	P1677-12	19.00
6"	P1675-12	24.00
8"	P1675-14	34.00
10"	P1675-15	51.00
12"	P1675-16	64.00



End Plug (RM)

Ring-lock type end plug used at the end of mainline to stop water flow.

Size	Part Number	Price
4"	P3206-01	35.00
6"	P3206-03	49.00
8"	P3206-05	61.00
10"	P3206-06	95.00
12"	P3206-07	112.00



Line Reducer (Connector RM x RB)

Ring-lock Reducer used when going from larger aluminum pipe to the next smaller pipe. Includes roundback gasket.

Ringlock Bell	Ringlock Male End	Part Number	Price
4"	6"	P1838-62	76.00
6"	8"	P1838-65	112.00
8"	10"	P1838-66	153.00
10"	12"	P1838-67	191.00

Abbreviations

PO – Press-on
RB – Ringlock Bell
RL – Ringlock
RM – Ringlock Male End

Ringlock Accessories



Hose to Coupler (Connector HM x RB)

Ring-lock Type Female Hose Fitting designed to enable customers to fabricate rubber hose assemblies. Includes roundback gasket.

Hose Male End	Ringlock Bell	Part Number	Price
4" OD	4"	P1842-62	42.00
6" OD	6"	P1842-64	61.00
8" OD	8"	P1842-65	91.00
10" OD	10"	P1842-66	114.00



Connector HM x RM

Ring-lock Male Hose End designed to enable customers to fabricate rubber hose assemblies.

Hose Male End	Ringlock Male End	Part Number	Price
4" OD	4"	P1843-02	45.00
6" OD	6"	P1843-04	70.00
8" OD	8"	P1843-05	93.00
10" OD	10"	P1843-06	117.00



Ring-Lock Clamps (PLT)

Steel locking Clamp Plate used to connect Ring-Lock type fittings.

Size	Part Number	Price
4"	P2123-08	16.00
6"	P2123-02	19.00
8"	P2123-03	21.00
10"	P2123-04	25.00
12"	P2123-05	32.00

Abbreviations

HM – Hose Male End
 PLT – Plated
 RB – Ringlock Bell
 RM – Ringlock Male End

Valve Stubs

Valve Stub (RL ASM)

Welds to steel pipe to allow a valve opener to be attached to control water flow.

Size	Length	Part Number	Price
3"	4"	P1724-01	48.00
4"	6"	P1724-02	58.00
5"	6"	P1724-03	75.00
6"	6"	P1724-04	95.00
6"	9"	P1724-14	116.00
8"	9"	P1724-05	233.00
10"	10"	P1724-17	270.00



13 - Ringlock

Valve Stub w/female thread (FIPT x RL ASM)

Threads on to male pipe to allow a valve opener to be attached to control water flow.



Female Pipe Thread	Ringlock	Part Number	Price
3"	3"	P1726-01	86.00
3"	4"	P1725-03	89.00
4"	4"	P1726-02	114.00
6"	6"	P1726-04	194.00
8"	8"	P1726-05	351.00
10"	10"	P0056-48	481.00

Valve Stub w/male thread (MT x RL ASM)

Threads on to female pipe to allow a valve opener to be attached to control water flow.

MIPT	Ringlock	Part Number	Price
3"	3"	P1729-01	73.00
4"	4"	P1729-02	93.00
6"	6"	P1729-04	156.00
8"	8"	P1729-05	315.00



Valve Stub Stem (Stainless Steel)

Replacement V-Stub Stem



Size	Part Number	Price
3" or 4"	P2086-03	18.00
5" or 6"	P2086-04	22.00
8"	P2114-21	65.00

Valve Stub Disc

Replacement Valve Stub Disc.



Size	Part Number	Price
3"	P1059-01	15.00
4"	P1060-01	16.00
5"	P1061-01	19.00
6"	P1062-01	26.00
8"	P1063-01	67.00
10"	P1063-02	78.00

Valve Stub Stem (Standard)

Replacement V-Stub Stem



Size	Part Number	Price
3" or 4"	P2086-01	12.00
5" or 6"	P2086-02	14.00
8"	P2114-01	43.00
10"	P2114-02	50.00

Abbreviations

ASM – Assembly
FIPT – Female Pipe Thread
MT – Male Thread
RL – Ringlock

Gaskets

Roundback Gaskets

Roundback gaskets used in Universal and Ring-lock fittings.



Size	Part Number	Price
2"	P1616-01	2.00
3"	P1617-01	2.25
4"	P1618-01	3.25
5"	P1619-01	4.25
6"	P1620-01	5.25
6-5/8"	P3111-01	6.25
7"	P1621-01	7.00
8"	P1622-01	7.50
8-5/8"	P2365-01	25.00
10"	P1624-01	10.00
12"	P1625-01	12.00

Flatback Gaskets

Flatback gaskets used in other MFG Flatback Fittings.



Size	Part Number	Price
2"	P1630-01	3.25
3"	P1631-01	4.00
4"	P1632-01	4.25
5"	P1633-01	5.25
6"	P1634-01	7.00
8"	P1635-01	8.00
10"	P1636-01	17.00

Triple Lip Gaskets

Used in Roundback Fittings where pipe rotates in coupler.



Size	Part Number	Price
8"	P3219-02	32.00
10"	P3219-04	78.00

Compression Gasket IPS

Used in Pierce Epoxy IPS Fittings.



Size	Part Number	Price
2"	P1600-01	4.25
2-1/2"	P1601-01	4.75
3"	P1602-01	5.00
4"	P1603-01	7.50
5"	P1604-01	17.00
6"	P1605-01	11.00
8"	P1606-01	15.00
10"	P1607-01	22.00
12"	P1608-01	25.00

Compression Gasket PIP

Used in Pierce Epoxy PIP Fittings.



Size	Part Number	Price
4"	P1609-01	7.00
6"	P1610-01	10.00
8"	P1611-01	14.00
10"	P1612-01	20.00
12"	P1613-01	23.00
15"	P1614-01	42.00
18"	P1615-01	46.00

Saddle Gasket



Type	Part Number	Price
Saddles with 4" Outlet	P2121-04	5.25
Saddles with 6" Outlet	P2121-05	7.50

Epoxy Fittings



Welds to steel pipe to transition from steel to PVC. Both IPS and PIP. Includes gasket.

Weld-On Coupler (Bell WOT IPS)

Size	Part Number	Price
2"	P1001-11	41.00
2-1/2"	P1001-12	42.00
3"	P1001-13	39.00
4"	P1001-14	40.00
5"	P1001-15	44.00
6"	P1001-16	45.00
8"	P1001-17	54.00
10"	P1001-18	78.00
12"	P1001-19	97.00



Bolts onto steel or plastic flange, to transition from steel to PVC. Both IPS and PIP. Includes gasket.

Flange Adapter (Connector IF x IB)

Size	Part Number	Price
3"	P1143-03	71.00
4"	P1143-04	78.00
6"	P1143-06	125.00
8"	P1143-07	162.00
10"	P1143-08	214.00
12"	P1143-09	235.00

Weld-On Coupler (Bell WOT PIP)

Size	Part Number	Price
4"	P1003-11	37.00
6"	P1003-12	40.00
8"	P1003-13	52.00
10"	P1003-14	76.00
12"	P1003-15	95.00
15"	P1133-01	194.00
18"	P1006-03	335.00

Flange Adapter (Connector IF x PB)

Size	Part Number	Price
4"	P1144-01	76.00
6"	P1144-02	119.00
8"	P1144-03	151.00
10"	P1144-04	203.00
12"	P1144-05	221.00
15"	P1145-01	516.00
18"	P1146-01	693.00

Abbreviations

IB – IPS Bell
IF – IPS Flange
PB – PIP Bell
WOT – Weld-on Tube

All epoxy fittings available in galvanized finish.

Epoxy Fittings



Tee used to form a 90° branch from mainline of underground. Both IPS and PIP. Includes gaskets.

Straight Tee IPS (Tee IB x IB x IB)

Size	Part Number	Price
2"	P1459-01	119.00
2-1/2"	P1457-03	119.00
3"	P1457-06	125.00
4"	P1457-09	140.00
6"	P1459-07	171.00
8"	P1459-13	286.00
10"	P1455-02	382.00
12"	P1460-10	646.00

Straight Tee PIP (Tee PB x PB x PB)

Size	Part Number	Price
4"	P1510-01	151.00
6"	P1510-02	188.00
8"	P1510-04	274.00
10"	P1511-02	538.00
12"	P1512-05	644.00
15"	P1516-04	1,281.00
18"	P1517-07	1,858.00



Cross allows two 90° lines to branch from mainline. Both IPS and PIP. Includes gaskets.

Straight Cross (Cross IB x IB x IB x IB)

Size	Part Number	Price
2-1/2"	P1494-01	151.00
3"	P1494-04	167.00
4"	P1495-01	210.00
6"	P1497-09	218.00
8"	P1497-12	322.00
10"	P1501-01	572.00
12"	P1496-10	1,069.00

Straight Cross (Cross PB x PB x PB x PB)

Size	Part Number	Price
4"	P1521-01	166.00
6"	P1521-02	201.00
8"	P1521-04	330.00
10"	P1523-01	892.00
12"	P1524-01	944.00
15"	P1525-01	1,899.00
18"	P1526-01	2,754.00

Abbreviations

IB – IPS Bell
PB – PIP Bell

Epoxy Fittings



Line reducer Female x Female. Both IPS and PIP. Includes gaskets.

Reducer - Female x Female IPS (Connector IB x IB)

IPS Bell	IPS Bell	Part Number	Price
2-1/2"	2"	P1527-01	89.00
3"	2"	P1527-02	89.00
3"	2-1/2"	P1527-03	78.00
4"	2"	P1527-04	98.00
4"	2-1/2"	P1527-05	84.00
4"	3"	P1527-06	87.00
6"	2"	P1528-04	123.00
6"	2-1/2"	P1528-05	116.00
6"	3"	P1528-06	117.00
6"	4"	P1527-08	108.00
8"	4"	P1528-07	151.00
8"	6"	P1527-10	134.00
10"	4"	P1529-04	216.00
10"	6"	P1528-09	195.00
10"	8"	P1527-11	177.00
12"	6"	P1529-06	272.00
12"	8"	P1528-10	248.00
12"	10"	P1527-12	235.00

Reducer - Female x Female PIP (Connector PB x PB)

PIP Bell	PIP Bell	Part Number	Price
8"	6"	P1537-02	135.00
10"	8"	P1537-03	188.00
12"	10"	P1537-04	240.00



Line reducer Male x Female. Includes gaskets.

Reducer - Male x Female (Connector IM x IB)

IPS Male	IPS Bell	Part Number	Price
2-1/2"	2"	P1532-01	84.00
3"	2"	P1532-02	86.00
3"	2-1/2"	P1532-03	78.00
4"	2"	P1532-04	93.00
4"	2-1/2"	P1532-05	82.00
4"	3"	P1532-06	82.00
6"	2"	P1533-04	125.00
6"	2-1/2"	P1533-05	114.00
6"	3"	P1533-06	119.00
6"	4"	P1532-08	114.00
8"	3"	P1534-03	147.00
8"	4"	P1533-07	162.00
8"	6"	P1532-10	133.00
10"	4"	P1534-04	201.00
10"	6"	P1533-09	203.00
10"	8"	P1532-11	164.00
12"	6"	P1534-06	257.00
12"	8"	P1533-10	238.00
12"	10"	P1532-12	218.00

Abbreviations

IB – IPS Bell
IM – IPS Male End
PB – PIP Bell

Epoxy Fittings



PVC Repair coupler. IPS and PIP sizes. Includes gaskets.

Repair Coupler (Connector Repair IB x IB)

Size	Type	Part Number	Price
2"	IPS	P1576-01	84.00
2-1/2"	IPS	P1576-02	86.00
3"	IPS	P1576-03	65.00
4"	IPS	P1578-01	69.00
6"	IPS	P1578-02	104.00
8"	IPS	P1578-03	134.00
10"	IPS	P1578-04	143.00
12"	IPS	P1579-01	190.00
6"	PIP	P1581-02	102.00
8"	PIP	P1581-03	127.00
10"	PIP	P1581-04	151.00
12"	PIP	P1581-05	199.00
15"	PIP	P1582-01	335.00



Used on end of PVC Line to stop water flow. Both IPS and PIP sizes. Includes gasket.

End Cap (Caps IPS)

Size	Type	Part Number	Price
2"	IPS	P1588-01	49.00
2-1/2"	IPS	P1588-02	49.00
3"	IPS	P1588-03	52.00
4"	IPS	P1588-04	56.00
6"	IPS	P1588-06	71.00
8"	IPS	P1588-07	112.00
10"	IPS	P1588-08	145.00
12"	IPS	P1588-09	164.00
6"	PIP	P1589-02	69.00
8"	PIP	P1589-03	108.00
10"	PIP	P1589-04	145.00



End cap with Female Tap used on end of PVC line, port to supply for Air Vent. Includes gasket.

End Cap (Cap IB x FT)

Size	Part Number	Price
2" x 1-1/2"	P1424-01	80.00
2-1/2" x 1-1/2"	P1425-03	80.00
3" x 1-1/2"	P1427-03	80.00
4" x 1-1/2"	P1429-03	82.00
4" x 2"	P1429-04	92.00



End Plug used to insert into bell to stop water flow.

End Plug (Plug IPS)

Size	Part Number	Price
2-1/2"	P1584-02	37.00
3"	P1584-03	37.00
4"	P1584-04	43.00
6"	P1584-06	64.00
8"	P1584-07	100.00
10"	P1584-08	127.00
12"	P1584-09	134.00

Abbreviations

FT – Female Thread
IB – IPS Bell
IPS – IPS Bell
PIP – PIP Bell

PIERCETM
FITTINGS

Epoxy Fittings



Elbow provides a 90° change in direction on PVC Pipe. IPS and PIP sizes. Includes gaskets.

90° Elbow (ELL 90 IB x IB)

Size	Type	Part Number	Price
2"	IPS	P1552-01	114.00
2-1/2"	IPS	P1552-02	114.00
3"	IPS	P1552-03	121.00
4"	IPS	P1552-04	132.00
6"	IPS	P1554-01	179.00
8"	IPS	P1554-02	242.00
10"	IPS	P1554-03	341.00
12"	IPS	P1554-04	436.00
4"	PIP	P1556-01	130.00
6"	PIP	P1558-01	177.00
8"	PIP	P1558-02	235.00
10"	PIP	P1558-03	343.00
12"	PIP	P1558-04	490.00
15"	PIP	P1560-01	864.00



Elbow provides a 45° change of direction on PVC pipe. IPS and PIP sizes. Includes gaskets.

45° Elbow (ELL 45 IB x IB)

Size	Type	Part Number	Price
2"	IPS	P1553-01	112.00
2-1/2"	IPS	P1553-02	112.00
3"	IPS	P1553-03	119.00
4"	IPS	P1553-04	132.00
6"	IPS	P1555-01	156.00
8"	IPS	P1555-02	233.00
10"	IPS	P1555-03	324.00
12"	IPS	P1555-04	395.00
4"	PIP	P1557-01	127.00
6"	PIP	P1559-01	156.00
8"	PIP	P1559-02	229.00
10"	PIP	P1559-03	324.00
12"	PIP	P1559-04	400.00
15"	PIP	P1561-01	680.00



Elbow provides a 22.5° change in direction on PVC Pipe. IPS and PIP sizes. Includes gaskets.

22-1/2° Elbow (ELL 22-1/2 IB x IB)

Size	Type	Part Number	Price
2"	IPS	P1564-01	112.00
2-1/2"	IPS	P1564-02	112.00
3"	IPS	P1564-03	119.00
4"	IPS	P1564-04	132.00
6"	IPS	P1564-05	156.00
8"	IPS	P1564-06	233.00
10"	IPS	P1564-07	322.00
12"	IPS	P1564-08	397.00

Abbreviations

ELL – Elbow
IB – IPS Bell
IPS – IPS Bell
PIP – PIP Bell

Size	Type	Part Number	Price
6"	PIP	P1566-02	153.00
8"	PIP	P1566-03	197.00
10"	PIP	P1566-04	283.00
12"	PIP	P1566-05	292.00

PIERCETM
FITTINGS

Epoxy Fittings



Z-Pipe used to transition from below ground piping to above ground piping has air, gauge ports. Flanged End x IPS Bell End.

52" Z-Pipe (ZEE IF x IB) w/air vent & gauge ports

Flanged	IPS Bell	Air	Gauge Port	Part Number Epoxy	Price	Part Number Galvanized	Price
4"	4"	3"	3/4"	P3336-01	503.00	P3336-21	462.00
6"	6"	3"	3/4"	P3336-03	562.00	P3336-23	503.00
8"	8"	3"	3/4"	P3336-04	907.00	P3336-24	842.00
10"	10"	3"	3/4"	P3336-05	1,102.00	P3336-25	1,026.00
12"	12"	3"	3/4"	P3336-06	1,166.00	P3336-26	1,294.00

Note: 52" measurement is to center. Air vent and gauge not included.



52" Z-Pipe (ZEE IF x IB)

Flange	IPS Bell	Part Number Epoxy	Price	Part Number Galvanized	Price
4"	4"	P3120-01	454.00	P3735-01	391.00
6"	6"	P3120-03	637.00	P3735-03	462.00
8"	8"	P3120-04	864.00	P3735-04	853.00
10"	10"	P3120-05	961.00	P3735-05	1,085.00
12"	12"	P3120-06	1,112.00	P3735-06	1,123.00

Note: 52" measurement is to center.

Abbreviations

IB – IPS Bell
IF – IPS Flange
PE – Plain End

PIERCETM
FITTINGS

Epoxy Fittings

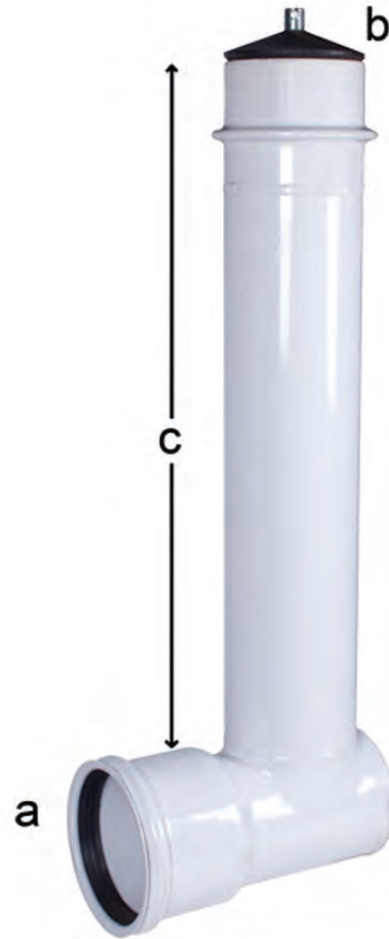
Cap Risers (Female x Cap)

Cap risers used to terminate mainline and provide V-stub connections for valve opener. Both IPS and PIP sizes. Includes gaskets.

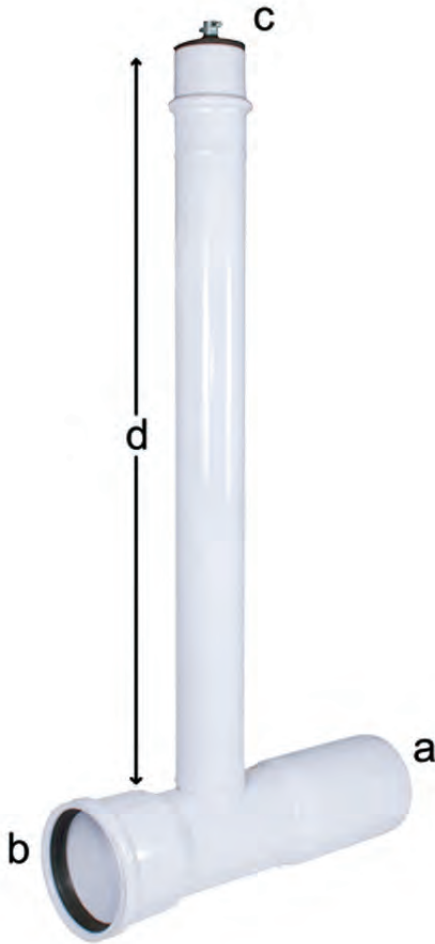
Size (a x b x c)	IPS (IB x RV)	PIP (PB x RV)	Price
4" x 4" x 30"	P1252-04	P1295-04	238.00
4" x 4" x 36"	P1252-05	P1295-05	242.00
4" x 4" x 42"	P1252-06	P1295-06	248.00
6" x 4" x 30"	P1254-04	P1296-04	264.00
6" x 4" x 36"	P1254-05	P1296-05	270.00
6" x 4" x 42"	P1254-06	P1296-06	274.00
8" x 4" x 30"	P1256-04	P1298-04	298.00
8" x 4" x 36"	P1256-05	P1298-05	305.00
8" x 4" x 42"	P1256-06	P1298-06	339.00
10" x 4" x 30"	P1259-04	P1301-04	324.00
10" x 4" x 36"	P1259-05	P3868-05	335.00
10" x 4" x 42"	P1259-06	P1301-06	356.00
12" x 4" x 30"	P1262-04	P1304-04	378.00
12" x 4" x 36"	P1262-05	P1304-05	389.00
12" x 4" x 42"	P1262-06	P1304-06	430.00
6" x 6" x 30"	P1255-04	P1297-04	340.00
6" x 6" x 36"	P1255-05	P1297-05	356.00
6" x 6" x 42"	P1255-06	P1297-06	367.00
8" x 6" x 30"	P1257-04	P1299-04	400.00
8" x 6" x 36"	P1257-05	P1299-05	410.00
8" x 6" x 42"	P1257-06	P1299-06	428.00
10" x 6" x 30"	P1260-04	P1302-04	421.00
10" x 6" x 36"	P1260-05	P1302-05	430.00
10" x 6" x 42"	P1260-06	P1302-06	454.00
12" x 6" x 30"	P1263-04	P1305-04	508.00
12" x 6" x 36"	P1263-05	P1305-05	518.00
12" x 6" x 42"	P1263-06	P1305-06	542.00
10" x 8" x 30"	P1261-04	P1303-04	590.00
10" x 8" x 36"	P1261-05	P1303-05	605.00
10" x 8" x 42"	P1261-06	P1303-06	644.00
12" x 8" x 42"	P1264-06	P0058-17	890.00
15" x 8" x 36"		P3309-05	1,227.00
15" x 8" x 48"		P3309-06	1,248.00

Abbreviations

IB – IPS Bell
PB – PIP Bell
RV – Ringlock Valve Stub



Epoxy Fittings



Tee Riser (Male x Female)

Inline Tee Risers Male x Female provide V-stub connections for valve opener. Both IPS and PIP sizes. Includes gaskets.

Size (a x b x c x d)	IPS (IM x IB x RV)	PIP (PM x PB x RV)	Price
4" x 4" x 4" x 30"	P1236-04	P1283-04	238.00
4" x 4" x 4" x 36"	P1236-05	P1283-05	248.00
4" x 4" x 4" x 42"	P1236-06	P1283-06	259.00
6" x 6" x 4" x 30"	P1238-04	P1284-04	259.00
6" x 6" x 4" x 36"	P1238-05	P1284-05	272.00
6" x 6" x 4" x 42"	P1238-06	P1284-06	283.00
8" x 8" x 4" x 30"	P1240-04	P1286-04	305.00
8" x 8" x 4" x 36"	P1240-05	P1286-05	315.00
8" x 8" x 4" x 42"	P1240-06	P1286-06	328.00
10" x 10" x 4" x 30"	P1243-04	P1289-04	350.00
10" x 10" x 4" x 36"	P1243-05	P1289-05	356.00
10" x 10" x 4" x 42"	P1243-06	P1289-06	378.00
12" x 12" x 4" x 30"	P1246-04	P1292-04	389.00
12" x 12" x 4" x 36"	P1246-05	P1292-05	397.00
12" x 12" x 4" x 42"	P1246-06	P1292-06	405.00
6" x 6" x 6" x 30"	P1239-04	P1285-04	313.00
6" x 6" x 6" x 36"	P1239-05	P1285-05	356.00
6" x 6" x 6" x 42"	P1239-06	P1285-06	376.00
8" x 8" x 6" x 30"	P1241-04	P1287-04	395.00
8" x 8" x 6" x 36"	P1241-05	P1287-05	404.00
8" x 8" x 6" x 42"	P1241-06	P1287-06	415.00
10" x 10" x 6" x 30"	P1244-04	P1290-04	432.00
10" x 10" x 6" x 36"	P1244-05	P1290-05	456.00
10" x 10" x 6" x 42"	P1244-06	P1290-06	469.00
12" x 12" x 6" x 30"	P1247-04	P1293-04	637.00
12" x 12" x 6" x 36"	P1247-05	P1293-05	648.00
12" x 12" x 6" x 42"	P1247-06	P1293-06	659.00
10" x 10" x 8" x 30"	P1245-04	P1291-04	536.00
10" x 10" x 8" x 36"	P1245-05	P1291-05	549.00
10" x 10" x 8" x 42"	P1245-06	P1291-06	568.00
12" x 12" x 8" x 42"	P1248-06	P1294-06	713.00
15" x 15" x 8" x 36"		P3308-05	872.00
15" x 15" x 8" x 48"		P3308-06	905.00

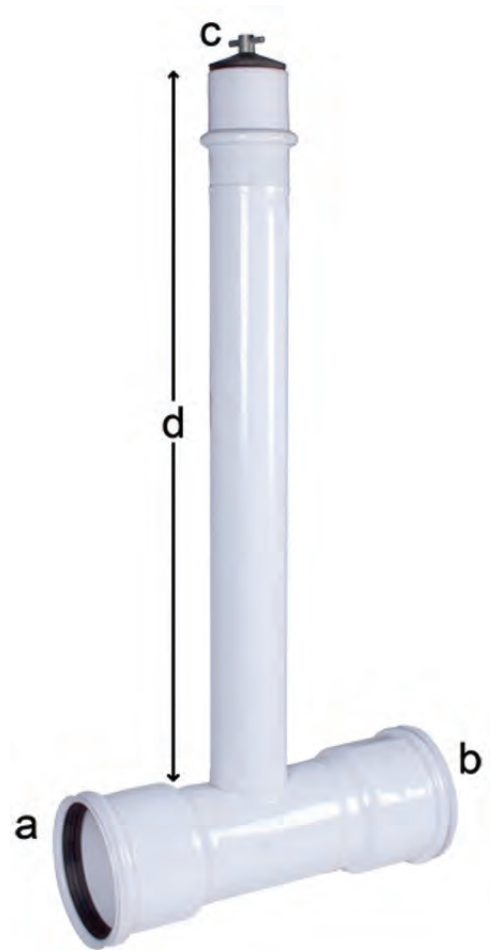
Abbreviations

IM – IPS Male
 IB – IPS Bell
 PB – PIP Bell
 PM – PIP Male
 RV – Ringlock Valve Stub

Tee Riser (Female x Female)

Inline Tee Risers Female x Female provide V-stub connections for valve opener. Both IPS and PIP sizes. Includes gaskets.

Size (a x b x c x d)	IPS (IB x IB x RV)	PIP (PB x PB x RV)	Price
4" x 4" x 4" x 30"	P1220-04	P1265-04	231.00
4" x 4" x 4" x 36"	P1220-05	P1265-05	240.00
4" x 4" x 4" x 42"	P1220-06	P1265-06	244.00
6" x 6" x 4" x 30"	P1223-04	P1266-04	296.00
6" x 6" x 4" x 36"	P1223-05	P1266-05	305.00
6" x 6" x 4" x 42"	P1223-06	P1266-06	311.00
8" x 8" x 4" x 30"	P1226-04	P1268-04	346.00
8" x 8" x 4" x 36"	P1226-05	P1268-05	359.00
8" x 8" x 4" x 42"	P1226-06	P1268-06	370.00
10" x 10" x 4" x 30"	P1229-04	P1271-04	389.00
10" x 10" x 4" x 36"	P1229-05	P1271-05	397.00
10" x 10" x 4" x 42"	P1229-06	P1271-06	404.00
12" x 12" x 4" x 30"	P1232-04	P1274-04	454.00
12" x 12" x 4" x 36"	P1232-05	P1274-05	462.00
12" x 12" x 4" x 42"	P1232-06	P1274-06	471.00
6" x 6" x 6" x 30"	P1224-04	P1267-04	346.00
6" x 6" x 6" x 36"	P1224-05	P1267-05	354.00
6" x 6" x 6" x 42"	P1224-06	P1267-06	365.00
8" x 8" x 6" x 30"	P1227-04	P1269-04	378.00
8" x 8" x 6" x 36"	P1227-05	P1269-05	417.00
8" x 8" x 6" x 42"	P1227-06	P1269-06	434.00
10" x 10" x 6" x 30"	P1230-04	P1272-04	499.00
10" x 10" x 6" x 36"	P1230-05	P1272-05	512.00
10" x 10" x 6" x 42"	P1230-06	P1272-06	519.00
12" x 12" x 6" x 30"	P1233-04	P1275-04	499.00
12" x 12" x 6" x 36"	P1233-05	P1275-05	542.00
12" x 12" x 6" x 42"	P1233-06	P1275-06	605.00
10" x 10" x 8" x 30"	P1231-04	P1273-04	594.00
10" x 10" x 8" x 36"	P1231-05	P1273-05	622.00
10" x 10" x 8" x 42"	P1231-06	P1273-06	659.00
12" x 12" x 8" x 42"	P1234-06	P1276-06	842.00
15" x 15" x 8" x 36"		P3307-05	1,238.00
15" x 15" x 8" x 42"		P3307-06	1,264.00



Abbreviations

IB – IPS Bell
PB – PIP Bell
RV – Ringlock Valve Stub

Epoxy Fittings



Inline underground coupler Female X Female with Female threaded port. Both IPS and PIP sizes. Includes gaskets.

Service Tee w/FIPT (Tee PB x PB x FT)

Size (PB x FT)	Part Number	Price
4"x 3"	P1378-05	127.00
6"x 3"	P1380-03	143.00
6"x 4"	P1380-04	173.00
8"x 3"	P1382-03	194.00
8"x 4"	P1382-04	212.00
10"x 2"	P1384-01	216.00
10"x 3"	P1384-03	296.00
10"x 4"	P1384-04	300.00
12"x 2"	P1386-04	268.00
12"x 3"	P1386-06	274.00
12"x 4"	P1387-01	337.00
15"x 2"	P1388-04	408.00
15"x 3"	P1388-06	428.00
15"x 4"	P1390-01	525.00
18"x 2"	P1389-04	1,149.00
18"x 4"	P1389-07	1,218.00

Service Tee w/FIPT (Tee IB x IB x FT)

Size (IB x FT)	Part Number	Price
2x 1"	P1354-01	95.00
2"x 1-1/4"	P1354-02	98.00
2"x 1-1/2"	P1355-01	108.00
2"x 2"	P1355-02	132.00
2-1/2"x 1"	P1356-01	76.00
2-1/2"x 1-1/4"	P1356-02	80.00
2-1/2"x 1-1/2"	P1356-03	82.00
2-1/2"x 2"	P1357-01	84.00
2-1/2"x 2-1/2"	P1357-02	89.00
3" x 1"	P1358-01	80.00
3"x 1-1/4"	P1358-02	85.00
3"x 1-1/2"	P1358-03	86.00
3"x 2"	P1359-01	93.00
3"x 2-1/2"	P1359-02	99.00
3"x 3"	P1359-03	106.00
4"x 1"	P1360-01	86.00
4"x 1-1/4"	P1360-02	91.00
4"x 1-1/2"	P1360-03	92.00
4"x 2"	P1360-04	95.00
4"x 2-1/2"	P1361-01	106.00
4"x 3"	P1361-02	119.00
4"x 4"	P1361-03	141.00
6"x 1"	P1364-01	95.00
6"x 1-1/4"	P1364-02	102.00
6"x 1-1/2"	P1364-03	106.00
6"x 2"	P1364-04	108.00
6"x 2-1/2"	P1365-01	134.00
6"x 3"	P1365-02	160.00
6"x 4"	P1365-03	171.00
6"x 6"	P1365-05	210.00
8"x 1-1/2"	P1367-02	153.00
8"x 2"	P1367-03	162.00
8"x 3"	P1368-02	212.00
8"x 4"	P1368-03	240.00
10"x 1-1/2"	P1370-02	203.00
10"x 2"	P1370-03	224.00
10"x 2-1/2"	P1371-01	228.00
10"x 3"	P1372-01	243.00
10"x 4"	P1372-02	299.00
12"x 1-1/2"	P1374-02	212.00
12"x 2"	P1374-03	228.00
12"x 2-1/2"	P1375-01	230.00
12"x 3"	P1375-02	242.00
12"x 4"	P1376-01	322.00

Abbreviations

IB – IPS Bell
PB – PIP Bell
FT – Female Thread

Epoxy Fittings

Reducing Tee (Tee IB x IB x IB)

Reducing Tee enables multiple size underground lines to intersect. Includes gaskets.



Size (a x b x c)	Part Number	Price
2"x 2"x 3"	P1462-02	162.00
2-1/2"x 2-1/2"x 2"	P1457-01	123.00
2-1/2"x 2-1/2"x 3"	P1457-02	125.00
3"x 2"x 2"	P1480-03	153.00
3"x 2"x 3"	P1480-05	132.00
3"x 2-1/2"x 2-1/2"	P1480-07	114.00
3"x 2-1/2"x 3"	P1480-08	117.00
3"x 3"x 2"	P1457-04	99.00
3"x 3"x 2-1/2"	P1457-05	94.00
3"x 3"x 4"	P1462-10	166.00
4"x 2"x 2"	P1477-01	158.00
4"x 2"x 4"	P1480-11	144.00
4"x 2-1/2"x 2-1/2"	P1480-27	124.00
4"x 2-1/2"x 4"	P1480-13	132.00
4"x 3"x 3"	P1480-15	132.00
4"x 3"x 4"	P1480-16	134.00
4"x 4"x 2"	P1456-01	106.00
4"x 4"x 2-1/2"	P1457-07	106.00
4"x 4"x 3"	P1457-08	108.00
4"x 4"x 6"	P1462-15	253.00
6"x 2-1/2"x 6"	P1485-10	194.00
6"x 3"x 3"	P1485-12	181.00
6"x 3"x 6"	P1485-15	201.00
6"x 4"x 4"	P1480-19	201.00
6"x 6"x 2"	P1456-02	117.00
6"x 6"x 2-1/2"	P1459-03	133.00

Size (a x b x c)	Part Number	Price
6"x 6"x 3"	P1459-04	146.00
6"x 6"x 4"	P1459-05	171.00
6"x 6"x 8"	P1462-18	324.00
8"x 4"x 4"	P1485-18	266.00
8"x 4"x 8"	P1485-21	305.00
8"x 6"x 6"	P1481-05	251.00
8"x 8"x 2-1/2"	P1459-08	216.00
8"x 8"x 3"	P1459-09	220.00
8"x 8"x 4"	P1459-10	225.00
8"x 8"x 6"	P1459-12	230.00
8"x 8"x 10"	P1462-19	482.00
10"x 6"x 6"	P1485-30	352.00
10"x 6"x 10"	P1486-05	603.00
10"x 8"x 8"	P1482-02	510.00
10"x 8"x 10"	P1482-03	581.00
10"x 10"x 2"	P1458-02	248.00
10"x 10"x 2-1/2"	P1459-14	270.00
10"x 10"x 3"	P1459-15	302.00
10"x 10"x 4"	P1459-16	266.00
10"x 10"x 6"	P1459-18	315.00
10"x 10"x 8"	P1455-01	348.00
10"x 10"x 12"	P1462-20	808.00
12"x 12"x 4"	P1460-05	359.00
12"x 12"x 6"	P1460-07	510.00
12"x 12"x 8"	P1460-08	515.00
12"x 12"x 10"	P1460-09	646.00

Abbreviations

IB – IPS Bell

Epoxy Fittings

Saddles (Set Saddle x FT)

Bolts to Steel, PVC, IPS, PIP and OD sizes. Epoxy or Galvanized coating. Female or Male outlets. Includes gasket and hardware.



Saddle	Female Thread	Type	Part Number	Price
6"	3"	Epoxy	P1311-82	130.00
8"	3"	Epoxy	P1312-82	136.00
10"	3"	Epoxy	P1313-82	162.00
12"	3"	Epoxy	P1314-82	172.00
6"	4"	Epoxy	P1311-83	132.00
8"	4"	Epoxy	P1312-83	162.00
10"	4"	Epoxy	P1313-83	167.00
12"	4"	Epoxy	P1314-83	177.00
6"	3"	Galvanized	P1311-92	114.00
8"	3"	Galvanized	P1312-92	125.00
10"	3"	Galvanized	P1313-92	132.00
12"	3"	Galvanized	P1314-92	147.00
6"	4"	Galvanized	P1311-93	134.00
8"	4"	Galvanized	P1312-93	146.00
10"	4"	Galvanized	P1313-93	156.00
12"	4"	Galvanized	P1314-93	168.00

Saddle Risers (Set Saddle Riser x RV)

Bolts to Steel, PVC, IPS, PIP and OD sizes. Provides V-stub for valve opener connections. Epoxy or Galvanized coating. Includes gasket and hardware.



Saddle	Ringlock Valve	Type	Part Number	Price
6"	4"	Epoxy	P1320-85	207.00
8"	4"	Epoxy	P1323-85	227.00
10"	4"	Epoxy	P1326-85	244.00
12"	4"	Epoxy	P1329-85	270.00
6"	4"	Galvanized	P3586-85	227.00
8"	4"	Galvanized	P3672-85	231.00
10"	4"	Galvanized	P3670-85	235.00
12"	4"	Galvanized	P3671-85	242.00

Note: Standard riser height is 36", call for optional sizes.

Saddle Gasket

Type	Part Number	Price
4" Outlet	P2121-04	5.25
6" Outlet	P2121-05	7.50



Abbreviations

IF – Female Thread
RV – Ringlock Valve Stub

Galvanized *Flanged Fittings*

Galvanized 45° Elbow Flanged EII 45 IFxIF G

Size	Type	Part Number	Price
4"x4"	Mitered	P3436-13	163.00
6"x6"	Mitered	P3436-14	243.00
8"x8"	Mitered	P3436-15	341.00
10"x10"	Mitered	P3436-16	398.00
12"x12"	Mitered	P3436-17	572.00



Galvanized Sweep 90° Elbow Flanged EII 90 IFxIF G

Size	Type	Part Number	Price
4"x4"	Sweep	P3241-04	178.00
6"x6"	Sweep	P3435-11	233.00



Galvanized Mitered 90° Elbow Flanged EII 90 IFxIF G

Size	Type	Part Number	Price
8"x8"	Mitered	P3435-12	394.00
10"x10"	Mitered	P3435-13	493.00
12"x12"	Mitered	P3435-14	680.00



Galvanized Tee Flanged Tee IFxIFxIF G

Size	Part Number	Price
4"x4"x4"	P3223-31	242.00
6"x6"x6"	P3223-36	407.00
8"x8"x8"	P3224-26	513.00
10"x10"x10"	P3224-33	598.00
12"x12"x12"	P3225-18	908.00



Abbreviations

IF – IPS Flange
G – Galvanized

Galvanized *Spool & Reducing Spools*

Galvanized Spool Flanged Spool IFxIF G

Size	Part Number	Price
4"x4"x12"	P3675-12	134.00
6"x6"x12"	P3403-12	178.00
8"x8"x12"	P3363-12	264.00
10"x10"x12"	P3677-12	339.00
12"x12"x12"	P3365-12	440.00



Galvanized Reducing Spool Flanged Connector IFxIF G

Size	Part Number	Price
6"x4"	P1878-13	171.00
8"x6"	P1878-14	268.00
10"x8"	P1878-15	321.00
12"x10"	P1878-16	440.00



Galvanized Eccentric Suction Adapters Flanged Ecc IFxIF 1FT G

Size	Part Number	Price
6"x4"	P3495-08	264.00
8"x6"	P3495-12	363.00
10"x8"	P3495-15	473.00
12"x10"	P3495-16	605.00



1/8" Red Rubber Full Face Gasket

Size	Part Number	Price
3"	P2347-01	3.25
4"	P2347-02	4.50
5"	P2347-03	5.50
6"	P2347-04	6.50
8"	P2347-05	8.25
10"	P2347-06	13.00
12"	P2347-07	17.00



Larger sizes available upon request.

Abbreviations

IF – IPS Flange
FT – Female Thread
G – Galvanized

Galvanized 90° Elbow Grooved (Ell 90° VM x VM)

Size	Part Number	Price
4"x4"	P2301-31	156.00
6"x6"	P2301-33	231.00
8"x8"	P2301-34	298.00



Galvanized 45° Elbow Grooved (Ell 45° VM x VM)

Size	Part Number	Price
4"x4"	P2301-21	114.00
6"x6"	P2301-23	160.00
8"x8"	P2301-24	227.00



Galvanized Tee Grooved (Tee VM x VM x VM)

Size	Part Number	Price
4" x 4" x 4"	P2301-41	181.00
6" x 6" x 6"	P2301-43	205.00
8" x 8" x 8"	P2301-44	315.00



Galvanized Connector Grooved (Connector VM x IF)

Size	Part Number	Price
4"x4"	P2301-51	63.00
6"x6"	P2301-53	80.00
8"x8"	P2301-54	110.00



Galvanized *Foot Valves*

Foot valves are used at the end of the intake pipe line to maintain water in the line so the pump need not be primed at startup. Screen prevents debris from entering the pump.

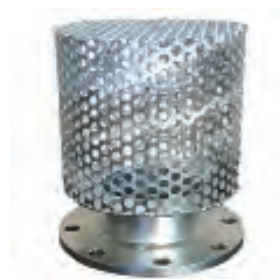
Foot Valve (Foot Valve IF x IF)

Size	Part Number	Price
6"	P1756-02	363.00
8"	P1756-03	493.00
10"	P1756-04	594.00



Foot Valve Screen Flanged

Size	Part Number	Size	Price
6"	P1757-11	1/4H	275.00
6"	P1757-12	1/2H	343.00
8"	P1757-13	1/4H	506.00
8"	P1757-14	1/2H	440.00
10"	P1757-15	1/4H	462.00
10"	P1757-16	1/2H	506.00



Galvanized 45° Elbow Flanged EI 45°IF x IF G

Size	Part Number	Price
6"x 6"	P3436-14	243.00
8"x 8"	P3436-15	341.00
10"x 10"	P3436-16	398.00
12" x 12"	P3436-17	572.00



Weld-On Coupler Set

Welds to steel pipe to provide transition between Steel and PVC pipe. IPS, PIP, OD sizes. Includes flange pack.

For larger diameters (21" – 36") price is available upon request.

Size	IPS	PIP	OD	Price
4"	P9017-01	P9017-03	P9017-05	86.00
5"	P9018-01		P9018-03	95.00
6"	P9019-01	P9019-03	P9019-05	108.00
8"	P9020-01	P9020-03	P9020-05	143.00
10"	P9021-01	P9021-03	P9021-05	176.00
12"	P9022-01	P9022-03	P9022-05	207.00
15"		P9023-01		319.00
18"		P2294-26		473.00

Note: Galvanized available upon request.



Weld-On Coupler

Size	Flange Packs Required	Part Number	Price
4"	1	P1591-12	53.00
5"	1	P1591-13	57.00
6"	1	P1591-14	70.00
8"	1	P1591-15	95.00
10"	1	P1591-16	112.00
12"	1	P1591-17	132.00
15"	1	P2294-25	216.00
18"	1	P2294-29	301.00

Note: Custom sizes available by special order.



Flange Pack Options

Size	IPS	PIP	OD	Price
4"	P1641-02	P1642-01	P1643-02	33.00
5"	P1641-03		P1643-03	37.00
6"	P1641-04	P1642-02	P1643-04	37.00
8"	P1641-05	P1642-03	P1643-05	48.00
10"	P1641-06	P1642-04	P1643-06	64.00
12"	P1641-07	P1642-05	P1643-07	75.00
15"		P1642-06		103.00
18"		P1642-07		172.00





Repair Coupler Set 6" Body

Coupler used to connect two pieces of pipe. IPS, PIP and OD sizes. Includes flange pack.

Size	IPS	PIP	OD	Price
4"	P9025-01	P9025-04	P9025-04	95.00
5"	P9026-01		P9026-05	105.00
6"	P9027-01	P9027-03	P9027-05	112.00
8"	P9028-01	P9028-03	P9028-05	132.00
10"	P9029-01	P9029-03	P9029-05	165.00
12"	P9030-01	P9030-03	P9030-05	220.00



6" Repair Body

Size	Flange Packs Required	Part Number	Price
4"	1	P1593-12	40.00
5"	1	P1593-13	45.00
6"	1	P1593-14	48.00
8"	1	P1593-15	53.00
10"	1	P1593-16	64.00
12"	1	P1593-17	88.00



Flange Pack Options

Size	IPS	PIP	OD	Price
4"	P1644-02	P1645-01	P1646-02	55.00
5"	P1644-03		P1646-03	59.00
6"	P1644-04	P1645-02	P1646-04	64.00
8"	P1644-05	P1645-03	P1646-05	79.00
10"	P1644-06	P1645-04	P1646-06	101.00
12"	P1644-07	P1645-05	P1646-07	132.00

Repair Coupler Set 10" Body

Coupler used to connect two pieces of pipe. IPS, PIP and OD sizes. Includes flange pack.

Size	IPS	PIP	OD	Price
4"	P9075-01	P9075-03	P9075-05	101.00
5"	P9076-01		P9076-04	111.00
6"	P9077-01	P9077-03	P9077-05	117.00
8"	P9078-01	P9078-03	P9078-05	150.00
10"	P9079-01	P9079-03	P9079-05	180.00
12"	P9080-01	P9080-03	P9080-05	233.00
15"		P9081-01		332.00



10" Repair Body

Size	Flange Packs Required	Part Number	Price
4"	1	P1594-12	46.00
5"	1	P1594-13	48.00
6"	1	P1594-14	51.00
8"	1	P1594-15	68.00
10"	1	P1594-16	70.00
12"	1	P1594-17	92.00
15"	1	P2292-25	145.00



Flange Pack Options

Size	IPS	PIP	OD	Price
4"	P1647-02	P1648-01	P1649-02	55.00
5"	P1647-03		P1649-03	63.00
6"	P1647-04	P1648-02	P1649-04	66.00
8"	P1647-05	P1648-03	P1649-05	81.00
10"	P1647-06	P1648-04	P1649-06	110.00
12"	P1647-07	P1648-05	P1649-07	141.00
15"		P1648-06		187.00





Repair Coupler Set 16" Body

Coupler used to connect two pieces of pipe. IPS, PIP and OD sizes. Includes flange pack.

Size	IPS	PIP	OD	Price
4"	P9083-01	P9083-03	P9083-05	150.00
5"	P9084-01		P9084-03	183.00
6"	P9085-01	P9085-03	P9085-05	191.00
8"	P9086-01	P9086-03	P9086-05	231.00
10"	P9087-01	P9087-03	P9087-05	287.00
12"	P9088-01	P9088-03	P9088-05	334.00
15"		P9089-01		495.00
18"		P2293-56		873.00

For Larger Diameters (21"-36") price is available upon request.



16" Repair Body

Size	Flange Packs Required	Part Number	Price
4"	2	P1595-12	84.00
5"	2	P1595-13	108.00
6"	2	P1595-14	117.00
8"	2	P1595-15	134.00
10"	2	P1595-16	160.00
12"	2	P1595-17	185.00
15"	2	P2293-25	288.00
18"	2	P2293-26	530.00



Flange Pack Options*

Size	IPS	PIP	OD	Price
4"	P1641-02	P1642-01	P1643-02	33.00
5"	P1641-03		P1643-03	37.00
6"	P1641-04	P1642-02	P1643-04	37.00
8"	P1641-05	P1642-03	P1643-05	48.00
10"	P1641-06	P1642-04	P1643-06	64.00
12"	P1641-07	P1642-05	P1643-07	75.00
15"		P1642-06		103.00
18"		P1642-07		172.00

*Two required per body.

Accessories

Center Riser Press-in

Provides sprinkler outlet in handline pipe.

Size	Part Number	Price
3" x 3" x 1"	P3673-01	43.00



Pressure Relief Valves

3" Pressure Relief Valve - FIPT

Factory Set – Female pipe thread.

PSI	Part Number	Price
60 psi	P3221-60	130.00
85 psi	P3221-85	130.00
120 psi	P3226-20	130.00



Pressure Relief Valves

3" Pressure Relief Valve - MIPT

Factory Set – Male pipe thread.

PSI	Part Number	Price
60 psi	P1730-60	104.00
85 psi	P1730-85	104.00
120 psi	P1732-20	104.00



Note: Additional pressure settings available upon request.

Parts & Accessories

Weld-On/No-Lock

Weld-On/No-Lock (Bell WOT UB black)



Used for customer fabrication purposes.
Includes round back gasket.

Size	Part Number	Price
2"	P1007-41	14.00
3"	P1007-42	15.00
4"	P1007-43	18.00
5"	P1007-44	22.00
6"	P1007-45	28.00
8"	P1007-47	39.00
10"	P1007-48	50.00
12"	P1007-49	52.00

Weld-On/No-Lock (Bell WOT RL black)



Used for customer fabrication purposes.
Includes round back gasket.

Size	Part Number	Price
4"	P1669-42	17.00
6"	P1669-44	22.00
8"	P1669-46	33.00
10"	P1669-47	44.00
12"	P1669-48	59.00

Weld-On/No-Lock (Bell WOT UB Galvanized)

Size	Part Number	Price
4"	P1007-53	24.00
5"	P1007-54	26.00
6"	P1007-55	32.00
8"	P1007-57	48.00
10"	P1007-58	62.00
12"	P1007-59	73.00

Weld-On/No-Lock (Bell WOT RL Galvanized)

Size	Part Number	Price
4"	P1669-12	20.00
6"	P1669-14	26.00
8"	P1669-16	42.00
10"	P1669-17	55.00
12"	P1669-18	66.00



Weld-On Male End (RL WOT black)

Used for customer fabrication purposes.

Size	Part Number	Price
4"	P1678-02	19.00
5"	P1676-01	23.00
6"	P1676-02	24.00
8"	P1676-04	31.00
10"	P1676-05	42.00
12"	P1676-06	53.00



Hose Male End (Black)

Used for customer fabrication purposes.

Size	Part Number	Price
3"	P1790-02	15.00
4"	P1790-04	17.00
4-1/2"	P1790-05	18.00
5"	P1790-06	23.00
6"	P1790-07	25.00
8"	P1790-08	39.00

Abbreviations

RL – Ringlock
UB – Universal Bell
WOT – Weld-On Tube

PIERCETM
FITTINGS

Parts & Accessories

Concentric Cone (Black)

Used for Customer fabrications purposes.

Size	Part Number	List Price	10 Gauge	List Price
3"x 2"	P1081-02	6.50		
4"x 2"	P1081-03	10.00	P0038-80	15.00
4"x 3"	P1081-09	7.75	P3684-01	10.00
5"x 3"	P1081-10	13.00	P3684-09	18.00
5"x 4"	P1081-14	8.75	P3684-02	11.00
6"x 4"	P1081-15	14.00	P3684-03	18.00
6"x 5"	P1081-19	13.00	P3684-04	18.00
6"x 7"	P1081-23	15.00		
7"x 8"	P1081-27	17.00		
8"x 6"	P1081-24	22.00	P3684-05	25.00
9"x 8"	P1081-29	23.00		
10"x 8"	P1081-30	26.00	P3684-06	32.00
12"x 10"	P1081-34	32.00	P3684-07	42.00



Eccentric Cone (Black)

Eccentric Cone – Black used for customer fabrication purposes.

Size	Part Number	Price
3"x 2-1/4"	P1734-01	37.00
4"x 3"	P1734-03	55.00
5"x 3"	P1735-03	57.00
6"x 3"	P1735-04	68.00
5"x 4"	P1734-06	66.00
6"x 4"	P1735-06	69.00
8"x 4"	P1736-03	130.00
6"x 5"	P1734-08	66.00
8"x 5"	P1735-10	101.00
8"x 6"	P1735-12	92.00
10"x 8"	P1735-14	123.00
12"x 10"	P1735-16	167.00



90° Sweep Elbow (Weld-On, Black)

Size	Part Number	Price
3"	P1097-12	33.00
4"	P1097-13	51.00
6"	P1097-15	70.00



90° Mitered Elbow (Weld-On, Black)

Size	Part Number	Price
8"	P1110-05	110.00
10"	P1110-06	123.00
12"	P1110-07	242.00



45° Sweep Elbow (Weld-On, Black)

Size	Part Number	Price
3"	P1100-12	33.00
4"	P1100-13	52.00
6"	P1100-15	57.00



Parts & Accessories



45° Mitered Elbow (Weld-On, Black)

Size	Part Number	Price
8"	P1111-05	79.00
10"	P1111-06	106.00
12"	P1111-07	145.00

Black Steel Nipple - MIPT TOE

Black welding nipples.



Size	Part Number	Price
3/4" x 2"	P2127-07	3.50
1" x 2"	P2127-10	5.75
1-1/4" x 3"	P2127-14	6.50
1-1/2" x 2"	P2127-15	6.00
2" x 2"	P2127-16	7.00
2-1/2" x 2"	P2127-11	11.00
3" x 3"	P2127-24	13.00
4" x 3-1/2"	P2127-29	15.00
5" x 3-1/2"	P2127-33	33.00
6" x 4"	P2127-35	35.00
8" x 5"	P2127-37	48.00
10" x 4-1/2"	P2127-38	77.00

Black Steel Coupling - FIPT HALF

Black welding female threads.



Size	Part Number	Price
3/4"	P2062-05	4.50
1"	P2062-06	4.50
1-1/4"	P2062-07	5.00
1-1/2"	P2062-08	6.50
2"	P2062-09	7.75
2-1/2"	P2062-10	18.00
3"	P2062-11	19.00
4"	P2062-12	25.00
5"	P2062-13	44.00
6"	P2062-14	62.00

Hose Clamps (Clampco)

Hose Clamps used to make hose assemblies.



Size	Part Number	Price
2" x 2-3/8"	P2245-01	12.00
3" x 3-1/4"	P2245-02	12.00
4-1/4" x 4-5/8"	P2245-04	12.00
5" x 5-3/8"	P2245-05	15.00
6" x 6-3/8"	P2245-06	15.00

Flat Welding Discs (Black)

Black welding disc used for customer fabrication.



Size	Part Number	Price
2"	P1067-02	2.75
3"	P1067-05	3.25
4"	P1067-09	4.50
5"	P1067-11	5.75
6"	P1067-14	6.75
8"	P1067-21	11.00
10"	P1067-25	29.00
12"	P1067-29	44.00

PIERCETM
FITTINGS

Policy and Conditions of Sale

This statement of Policy and Conditions of Sales supersedes all previous Policy and Conditions as stated by Fresno Valves & Castings, Inc. hereinafter referred to as the "Company". This Policy will apply to all sales unless otherwise stated in writing.

Prices, Terms and Specifications

Pricing. Prices listed in our catalog are recommended list prices F.O.B. the Company. Prices are subject to change without notice and shall be those in effect at time of shipment. All prices are in U.S. dollars.

Dealers. Sales are made through authorized distributors and/or dealers only. Possession of our catalog does not constitute an offer to sell our product. All orders are subject to acceptance by the Company.

Taxes. The purchaser shall reimburse the seller for any sales, use, occupation, excise, or other taxes in connection with the sale, which will be charged by invoice. The purchaser will not be invoiced for tax on items that are exempt with an appropriate tax exemption certificate.

Terms. All orders are subject to the approval and conditions of the Company's credit department. Payment terms are net 30 days, or net 10th day of the month following invoicing, unless otherwise specified in writing. Cash discounts, if applicable, will be stated on the invoice. Freight or other net priced items are not subject to further discount. Interest may be charged on all past due invoices at the current rate allowed by law. Any check returned for non-sufficient funds will be subject to a \$25.00 handling charge.

Specifications. The Company's policy is one of continuous improvement. The Company reserves the right to make changes to designs or specifications without notice or incurring obligation.

Cancellation. Standard items may only be cancelled if request is made prior to shipment. Special or custom-made items may not be cancelled unless cancellation precedes the item being in the process of manufacture. Such cancellations will only be allowed after full costs expended in the process of manufacture have been fully reimbursed.

Minimum Order. The Company's minimum order amount is \$25.00.

Security Interest. Buyer acknowledges that the Company will retain a purchase money security interest in the goods sold until the purchase price has been paid in full and all other conditions of sale fully performed.

Freight, Returns and Delivery

Freight Allowance. On orders that equal \$9,000, net or more, freight will be prepaid on domestic shipments to the first destination in the continental United States. Freight allowances do not apply on certain items, such as Filter Media or on certain orders shipped to remote locations. The Company reserves the right to select the carrier and method of delivery.

Damage Claims / Shortages. Freight shortages and damage claims due to transportation shall be made directly to the transportation provider. Shipments should be carefully examined upon arrival, prior to delivery receipt being signed. If any loss or damage is evident, it should be noted on the delivery receipt. Have the driver initial such exceptions. The contents of all packages should be examined within 48 hours for concealed damage. Contact the carrier to arrange for prompt inspection of any damaged goods. If replacement for damaged or lost items is needed, the purchaser will give the seller a new order marked replacement for the same. The purchaser shall pay the invoices for such replacement and request a duplicate receipt to be filed with his claim against the carrier. All claims for shortages must be made within 10 days of receipt of shipment. Claims need to identify item, quantity, packing list number, invoice number, and date of shipment.

Returns. The return of current catalog merchandise in saleable condition may be subject to a restocking charge. All returns must be accompanied by a Company approved Return Material Authorization. Specials, custom fabricated or modified items will not be accepted for return. Items not listed in the current Company catalog or items purchased more than one year prior to the request date will not receive authorization. All returns must be shipped freight prepaid unless otherwise specified on the Return Authorization. Return parts may be subject to a rework charge.

Delivery. The Company accepts no liability for delay in delivery caused by circumstances arising beyond the control of the Company. These circumstances include but are not limited to delays of carriers or suppliers.

Manufacturers Limited Warranty

All products sold and/or manufactured by the Company are warranted to be free of defects in material and workmanship for a period of one year from the date of delivery unless otherwise specified. Specific product line warranties may supersede this warranty. No warranty will extend beyond the description of goods sold on the Company invoice. Except as expressly provided herein, all warranties expressed or implied, including any implied warranty of merchantability or fitness for a particular purpose or use, are hereby excluded and disclaimed. The buyer assumes all risk and liability resulting from use of products purchased. Any misuse, neglect, modifications or use for purposes not approved by the Company shall completely void any warranty claim. The Company at its sole discretion shall have the option to repair or replace, part or all of the defective product or provide full or partial refunds for same. Any warranty claim must be made in writing within the applicable warranty period and postmarked within 30 days after the discovery of the defect. Warranty does not include any installation of transportation costs, which must be borne by the purchaser. Address all warranty claims to:

Fresno Valves & Castings, Inc.
P. O. Box 40, Selma, CA 93662-0040



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Effective May 15, 2021

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