

# AGRICULTURE IRRIGATION WATER CONTROL PRODUCTS

**PRICE LIST** EFFECTIVE SEPTEMBER 4, 2024  
SUPERSEDES ALL PREVIOUS PRICE LISTS  
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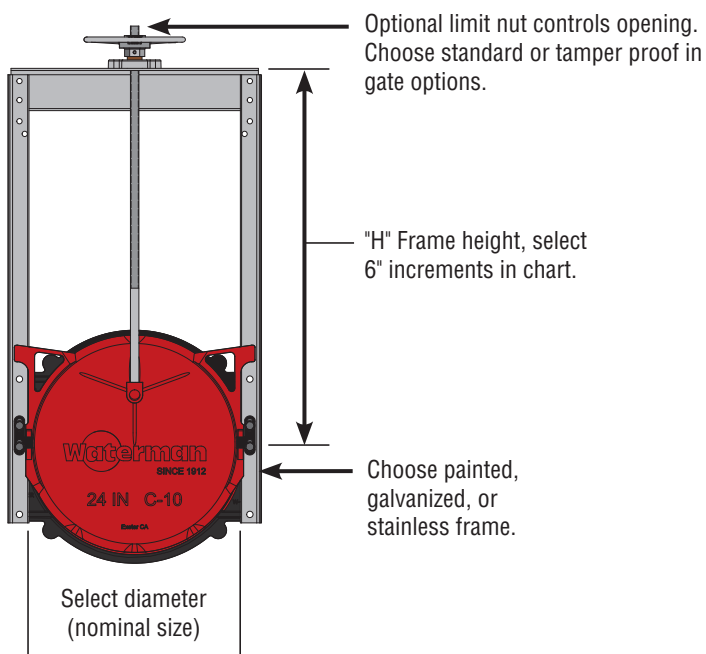
**For replacement parts for items not listed, contact factory for assistance.**

### **All Orders Subject to McWane Plant & Industrial Terms of Sale [www.mcwanepi.com](http://www.mcwanepi.com)**

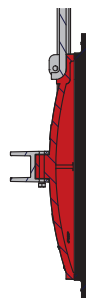
Prices subject to change without notice. Current pricing always available on website. Not responsible for clerical or typographical errors in published prices. Possession of price list does not constitute offer to sell.

Photos shown for reference only and may not represent finished product size or configuration.

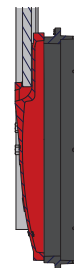
## CANAL GATE ORDERING



### MOUNTING OPTIONS



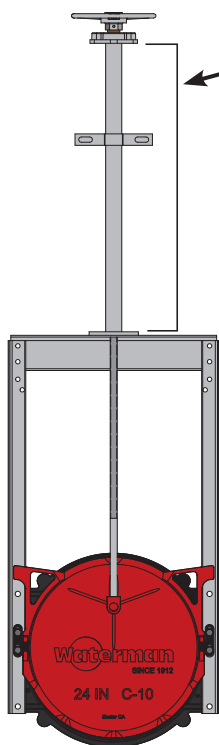
Flat back for mounting to concrete wall.



Spigot back to fit corrugated metal pipe.

Pipe adapters to fit IPS, PVC, PIP, corrugated HDPE or concrete pipe.

## CANAL GATE SPECIALTY OPTIONS



### RISING STEM EXTENSION

Allows handwheel to be higher than overall frame.

Order in 1-foot increments.

In situations where the frame must be entirely below a structure or walkway, gate can be operated by coring hole in structure and bringing stem extension through. In these instances, the handwheel can be positioned at your specified height above the structure, or optionally a 2" operating nut can be concealed in a flush-mounted box with cover lid. Consult factory for options and pricing for your application. Also reduce expense in oversized frame gates by reducing the size of the frame to just what is needed to open the gate fully.

### NON-RISING STEM (not pictured)

Commonly used in areas with minimal overhead clearance, prevents gate stem from extending above the handwheel/op nut when in open position.

Available with CL-10 cover only.

# C-10 RED TOP CANAL GATES

C-10 CANAL GATES



Model C-10

## C-10

Waterman C-10 canal gates are built-to-last, offering a typical field life exceeding 40 years. They offer superior construction and performance to “look alike” products across a wide range of applications. They are designed for installations with pressure in the seating direction.

### Waterman advantages include:

- Superior sealing with 2-bolt wedges standard (competitors use only one bolt).
- Thicker, heavier material for rails, assures reliable performance and prevents deflection.
- Compatibility with existing installations.
- Wide choice of mounting options and pipe adapters.

GATE SIZE (DIAMETER)	“H” FRAME HEIGHT	FRAME MATERIAL	FLAT BACK		SPIGOT BACK (For CMP)		WEIGHT (LBS.)
6"	24"	GALVANIZED	812.00	C10F-6-24H-GALV	854.00	C10S-6-24H-GALV	41
	30"	GALVANIZED	843.00	C10F-6-30H-GALV	885.00	C10S-6-30H-GALV	46
	36"	GALVANIZED	872.00	C10F-6-36H-GALV	915.00	C10S-6-36H-GALV	51
	42"	GALVANIZED	902.00	C10F-6-42H-GALV	944.00	C10S-6-42H-GALV	56
	48"	GALVANIZED	933.00	C10F-6-48H-GALV	975.00	C10S-6-48H-GALV	61
	54"	GALVANIZED	963.00	C10F-6-54H-GALV	1005.00	C10S-6-54H-GALV	66
	60"	GALVANIZED	993.00	C10F-6-60H-GALV	1036.00	C10S-6-60H-GALV	71
	66"	GALVANIZED	1023.00	C10F-6-66H-GALV	1065.00	C10S-6-66H-GALV	76
	72"	GALVANIZED	1054.00	C10F-6-72H-GALV	1096.00	C10S-6-72H-GALV	81
	84"	GALVANIZED	1113.00	C10F-6-84H-GALV	1157.00	C10S-6-84H-GALV	91
	96"	GALVANIZED	1174.00	C10F-6-96H-GALV	1216.00	C10S-6-96H-GALV	100
	108"	GALVANIZED	1234.00	C10F-6-108H-GALV	1277.00	C10S-6-108H-GALV	109
120"	GALVANIZED	1295.00	C10F-6-120H-GALV	1337.00	C10S-6-120H-GALV	118	
8"	24"	GALVANIZED	803.00	C10F-8-24H-GALV	888.00	C10S-8-24H-GALV	50
	30"	GALVANIZED	829.00	C10F-8-30H-GALV	918.00	C10S-8-30H-GALV	52
	36"	GALVANIZED	855.00	C10F-8-36H-GALV	949.00	C10S-8-36H-GALV	57
	42"	GALVANIZED	881.00	C10F-8-42H-GALV	979.00	C10S-8-42H-GALV	62
	48"	GALVANIZED	908.00	C10F-8-48H-GALV	1008.00	C10S-8-48H-GALV	67
	54"	GALVANIZED	934.00	C10F-8-54H-GALV	1039.00	C10S-8-54H-GALV	72
	60"	GALVANIZED	960.00	C10F-8-60H-GALV	1069.00	C10S-8-60H-GALV	77
	66"	GALVANIZED	986.00	C10F-8-66H-GALV	1100.00	C10S-8-66H-GALV	82
	72"	GALVANIZED	1013.00	C10F-8-72H-GALV	1129.00	C10S-8-72H-GALV	87
	84"	GALVANIZED	1065.00	C10F-8-84H-GALV	1190.00	C10S-8-84H-GALV	96
	96"	GALVANIZED	1118.00	C10F-8-96H-GALV	1250.00	C10S-8-96H-GALV	105
	108"	GALVANIZED	1166.00	C10F-8-108H-GALV	1311.00	C10S-8-108H-GALV	114
120"	GALVANIZED	1223.00	C10F-8-120H-GALV	1371.00	C10S-8-120H-GALV	123	

Indicate stem thread when ordering, add suffix to part number:

Right Hand Thread, 3 Teeth per inch = -3TR

Right Hand Thread, 4 Teeth per inch = -4TR

Left Hand Thread, 4 Teeth per inch = -4TL

Additional options may be added, contact factory for assistance and quotation.

Frame also available in painted steel or stainless steel. Contact factory for quotation.



# C-10 RED TOP CANAL GATES

C-10 CANAL GATES

GATE SIZE (DIAMETER)	"H" FRAME HEIGHT	FRAME MATERIAL	FLAT BACK		SPIGOT BACK (For CMP)		WEIGHT (LBS.)
10"	24"	GALVANIZED	890.00	C10F-10-24H-GALV	932.00	C10S-10-24H-GALV	55
	30"	GALVANIZED	916.00	C10F-10-30H-GALV	960.00	C10S-10-30H-GALV	60
	36"	GALVANIZED	942.00	C10F-10-36H-GALV	989.00	C10S-10-36H-GALV	65
	42"	GALVANIZED	969.00	C10F-10-42H-GALV	1017.00	C10S-10-42H-GALV	70
	48"	GALVANIZED	995.00	C10F-10-48H-GALV	1045.00	C10S-10-48H-GALV	75
	54"	GALVANIZED	1021.00	C10F-10-54H-GALV	1074.00	C10S-10-54H-GALV	80
	60"	GALVANIZED	1047.00	C10F-10-60H-GALV	1099.00	C10S-10-60H-GALV	85
	66"	GALVANIZED	1074.00	C10F-10-66H-GALV	1130.00	C10S-10-66H-GALV	90
	72"	GALVANIZED	1100.00	C10F-10-72H-GALV	1158.00	C10S-10-72H-GALV	95
	84"	GALVANIZED	1152.00	C10F-10-84H-GALV	1214.00	C10S-10-84H-GALV	104
	96"	GALVANIZED	1205.00	C10F-10-96H-GALV	1271.00	C10S-10-96H-GALV	113
	108"	GALVANIZED	1257.00	C10F-10-108H-GALV	1328.00	C10S-10-108H-GALV	122
120"	GALVANIZED	1310.00	C10F-10-120H-GALV	1383.00	C10S-10-120H-GALV	131	
12"	24"	GALVANIZED	980.00	C10F-12-24H-GALV	997.00	C10S-12-24H-GALV	65
	30"	GALVANIZED	1010.00	C10F-12-30H-GALV	1027.00	C10S-12-30H-GALV	70
	36"	GALVANIZED	1040.00	C10F-12-36H-GALV	1057.00	C10S-12-36H-GALV	75
	42"	GALVANIZED	1071.00	C10F-12-42H-GALV	1087.00	C10S-12-42H-GALV	80
	48"	GALVANIZED	1101.00	C10F-12-48H-GALV	1118.00	C10S-12-48H-GALV	85
	54"	GALVANIZED	1130.00	C10F-12-54H-GALV	1148.00	C10S-12-54H-GALV	90
	60"	GALVANIZED	1161.00	C10F-12-60H-GALV	1178.00	C10S-12-60H-GALV	95
	66"	GALVANIZED	1191.00	C10F-12-66H-GALV	1208.00	C10S-12-66H-GALV	100
	72"	GALVANIZED	1222.00	C10F-12-72H-GALV	1238.00	C10S-12-72H-GALV	105
	84"	GALVANIZED	1281.00	C10F-12-84H-GALV	1298.00	C10S-12-84H-GALV	114
	96"	GALVANIZED	1342.00	C10F-12-96H-GALV	1359.00	C10S-12-96H-GALV	123
	108"	GALVANIZED	1271.00	C10F-12-108H-GALV	1419.00	C10S-12-108H-GALV	132
120"	GALVANIZED	1323.00	C10F-12-120H-GALV	1480.00	C10S-12-120H-GALV	141	
14"	30"	GALVANIZED	1066.00	C10F-14-30H-GALV	1081.00	C10S-14-30H-GALV	72
	36"	GALVANIZED	1097.00	C10F-14-36H-GALV	1111.00	C10S-14-36H-GALV	77
	42"	GALVANIZED	1127.00	C10F-14-42H-GALV	1142.00	C10S-14-42H-GALV	82
	48"	GALVANIZED	1158.00	C10F-14-48H-GALV	1172.00	C10S-14-48H-GALV	87
	54"	GALVANIZED	1187.00	C10F-14-54H-GALV	1199.00	C10S-14-54H-GALV	92
	60"	GALVANIZED	1217.00	C10F-14-60H-GALV	1232.00	C10S-14-60H-GALV	97
	66"	GALVANIZED	1248.00	C10F-14-66H-GALV	1263.00	C10S-14-66H-GALV	102
	72"	GALVANIZED	1278.00	C10F-14-72H-GALV	1293.00	C10S-14-72H-GALV	107
	84"	GALVANIZED	1338.00	C10F-14-84H-GALV	1353.00	C10S-14-84H-GALV	116
	96"	GALVANIZED	1399.00	C10F-14-96H-GALV	1414.00	C10S-14-96H-GALV	125
	108"	GALVANIZED	1459.00	C10F-14-108H-GALV	1474.00	C10S-14-108H-GALV	134
	120"	GALVANIZED	1520.00	C10F-14-120H-GALV	1535.00	C10S-14-120H-GALV	143

Indicate stem thread when ordering, add suffix to part number:

Right Hand Thread, 3 Teeth per inch = - 3TR

Right Hand Thread, 4 Teeth per inch = - 4TR

Left Hand Thread, 4 Teeth per inch = -4TL

Additional options may be added, contact factory for assistance and quotation.

Frame also available in painted steel or stainless steel. Contact factory for quotation.

# C-10 RED TOP CANAL GATES

C-10 CANAL GATES

GATE SIZE (DIAMETER)	"H" FRAME HEIGHT	FRAME MATERIAL	FLAT BACK		SPIGOT BACK (For CMP)		WEIGHT (LBS.)
<b>15"</b>	30"	GALVANIZED	<b>1084.00</b>	C10F-15-30H-GALV	<b>1115.00</b>	C10S-15-30H-GALV	86
	36"	GALVANIZED	<b>1113.00</b>	C10F-15-36H-GALV	<b>1145.00</b>	C10S-15-36H-GALV	91
	42"	GALVANIZED	<b>1144.00</b>	C10F-15-42H-GALV	<b>1175.00</b>	C10S-15-42H-GALV	96
	48"	GALVANIZED	<b>1174.00</b>	C10F-15-48H-GALV	<b>1206.00</b>	C10S-15-48H-GALV	101
	54"	GALVANIZED	<b>1205.00</b>	C10F-15-54H-GALV	<b>1235.00</b>	C10S-15-54H-GALV	106
	60"	GALVANIZED	<b>1234.00</b>	C10F-15-60H-GALV	<b>1266.00</b>	C10S-15-60H-GALV	111
	66"	GALVANIZED	<b>1265.00</b>	C10F-15-66H-GALV	<b>1296.00</b>	C10S-15-66H-GALV	116
	72"	GALVANIZED	<b>1295.00</b>	C10F-15-72H-GALV	<b>1327.00</b>	C10S-15-72H-GALV	121
	84"	GALVANIZED	<b>1355.00</b>	C10F-15-84H-GALV	<b>1386.00</b>	C10S-15-84H-GALV	130
	96"	GALVANIZED	<b>1416.00</b>	C10F-15-96H-GALV	<b>1447.00</b>	C10S-15-96H-GALV	139
	108"	GALVANIZED	<b>1476.00</b>	C10F-15-108H-GALV	<b>1507.00</b>	C10S-15-108H-GALV	148
	120"	GALVANIZED	<b>1537.00</b>	C10F-15-120H-GALV	<b>1568.00</b>	C10S-15-120H-GALV	157
<b>16"</b>	32"	GALVANIZED	<b>1280.00</b>	C10F-16-32H-GALV	<b>1250.00</b>	C10S-16-32H-GALV	88
	36"	GALVANIZED	<b>1301.00</b>	C10F-16-36H-GALV	<b>1327.00</b>	C10S-16-36H-GALV	93
	42"	GALVANIZED	<b>1331.00</b>	C10F-16-42H-GALV	<b>1356.00</b>	C10S-16-42H-GALV	98
	48"	GALVANIZED	<b>1361.00</b>	C10F-16-48H-GALV	<b>1386.00</b>	C10S-16-48H-GALV	103
	54"	GALVANIZED	<b>1392.00</b>	C10F-16-54H-GALV	<b>1417.00</b>	C10S-16-54H-GALV	108
	60"	GALVANIZED	<b>1422.00</b>	C10F-16-60H-GALV	<b>1447.00</b>	C10S-16-60H-GALV	113
	66"	GALVANIZED	<b>1452.00</b>	C10F-16-66H-GALV	<b>1477.00</b>	C10S-16-66H-GALV	118
	72"	GALVANIZED	<b>1482.00</b>	C10F-16-72H-GALV	<b>1507.00</b>	C10S-16-72H-GALV	123
	84"	GALVANIZED	<b>1543.00</b>	C10F-16-84H-GALV	<b>1568.00</b>	C10S-16-84H-GALV	133
	96"	GALVANIZED	<b>1603.00</b>	C10F-16-96H-GALV	<b>1628.00</b>	C10S-16-96H-GALV	143
	108"	GALVANIZED	<b>1664.00</b>	C10F-16-108H-GALV	<b>1689.00</b>	C10S-16-108H-GALV	153
	120"	GALVANIZED	<b>1724.00</b>	C10F-16-120H-GALV	<b>1749.00</b>	C10S-16-120H-GALV	163
<b>18"</b>	36"	GALVANIZED	<b>1444.00</b>	C10F-18-36H-GALV	<b>1496.00</b>	C10S-18-36H-GALV	116
	42"	GALVANIZED	<b>1482.00</b>	C10F-18-42H-GALV	<b>1519.00</b>	C10S-18-42H-GALV	121
	48"	GALVANIZED	<b>1520.00</b>	C10F-18-48H-GALV	<b>1556.00</b>	C10S-18-48H-GALV	126
	54"	GALVANIZED	<b>1557.00</b>	C10F-18-54H-GALV	<b>1593.00</b>	C10S-18-54H-GALV	131
	60"	GALVANIZED	<b>1594.00</b>	C10F-18-60H-GALV	<b>1631.00</b>	C10S-18-60H-GALV	136
	66"	GALVANIZED	<b>1632.00</b>	C10F-18-66H-GALV	<b>1668.00</b>	C10S-18-66H-GALV	141
	72"	GALVANIZED	<b>1669.00</b>	C10F-18-72H-GALV	<b>1706.00</b>	C10S-18-72H-GALV	146
	84"	GALVANIZED	<b>1745.00</b>	C10F-18-84H-GALV	<b>1780.00</b>	C10S-18-84H-GALV	156
	96"	GALVANIZED	<b>1819.00</b>	C10F-18-96H-GALV	<b>1855.00</b>	C10S-18-96H-GALV	166
	108"	GALVANIZED	<b>1894.00</b>	C10F-18-108H-GALV	<b>1930.00</b>	C10S-18-108H-GALV	176
120"	GALVANIZED	<b>1969.00</b>	C10F-18-120H-GALV	<b>2005.00</b>	C10S-18-120H-GALV	186	

Indicate stem thread when ordering, add suffix to part number:

Right Hand Thread, 3 Teeth per inch = -3TR

Right Hand Thread, 4 Teeth per inch = -4TR

Left Hand Thread, 4 Teeth per inch = -4TL

Additional options may be added, contact factory for assistance and quotation.

Frame also available in painted steel or stainless steel. Contact factory for quotation.

# C-10 RED TOP CANAL GATES

C-10 GATE

GATE SIZE (DIAMETER)	"H" FRAME HEIGHT	FRAME MATERIAL	FLAT BACK		SPIGOT BACK (For CMP)		WEIGHT (LBS.)
20"	38"	GALVANIZED	1811.00	C10F-20-38H-GALV	1836.00	C10S-20-38H-GALV	151
	42"	GALVANIZED	1819.00	C10F-20-42H-GALV	1848.00	C10S-20-42H-GALV	156
	48"	GALVANIZED	1857.00	C10F-20-48H-GALV	1885.00	C10S-20-48H-GALV	161
	54"	GALVANIZED	1894.00	C10F-20-54H-GALV	1916.00	C10S-20-54H-GALV	166
	60"	GALVANIZED	1931.00	C10F-20-60H-GALV	1946.00	C10S-20-60H-GALV	171
	66"	GALVANIZED	1969.00	C10F-20-66H-GALV	1976.00	C10S-20-66H-GALV	176
	72"	GALVANIZED	2006.00	C10F-20-72H-GALV	2006.00	C10S-20-72H-GALV	181
	84"	GALVANIZED	2081.00	C10F-20-84H-GALV	2067.00	C10S-20-84H-GALV	191
	96"	GALVANIZED	2156.00	C10F-20-96H-GALV	2127.00	C10S-20-96H-GALV	201
	108"	GALVANIZED	2231.00	C10F-20-108H-GALV	2201.00	C10S-20-108H-GALV	211
	120"	GALVANIZED	2305.00	C10F-20-120H-GALV	2277.00	C10S-20-120H-GALV	221
21"	42"	GALVANIZED	1923.00	C10F-21-42H-GALV	1989.00	C10S-21-42H-GALV	167
	48"	GALVANIZED	1960.00	C10F-21-48H-GALV	2027.00	C10S-21-48H-GALV	172
	54"	GALVANIZED	1998.00	C10F-21-54H-GALV	2064.00	C10S-21-54H-GALV	177
	60"	GALVANIZED	2035.00	C10F-21-60H-GALV	2102.00	C10S-21-60H-GALV	182
	66"	GALVANIZED	2072.00	C10F-21-66H-GALV	2139.00	C10S-21-66H-GALV	187
	72"	GALVANIZED	2110.00	C10F-21-72H-GALV	2176.00	C10S-21-72H-GALV	192
	84"	GALVANIZED	2184.00	C10F-21-84H-GALV	2252.00	C10S-21-84H-GALV	202
	96"	GALVANIZED	2260.00	C10F-21-96H-GALV	2326.00	C10S-21-96H-GALV	212
	108"	GALVANIZED	2335.00	C10F-21-108H-GALV	2401.00	C10S-21-108H-GALV	222
	120"	GALVANIZED	2409.00	C10F-21-120H-GALV	2476.00	C10S-21-120H-GALV	232
24"	44"	GALVANIZED	2025.00	C10F-24-44H-GALV	2093.00	C10S-24-44H-GALV	207
	48"	GALVANIZED	2062.00	C10F-24-48H-GALV	2130.00	C10S-24-48H-GALV	212
	54"	GALVANIZED	2099.00	C10F-24-54H-GALV	2168.00	C10S-24-54H-GALV	217
	60"	GALVANIZED	2137.00	C10F-24-60H-GALV	2205.00	C10S-24-60H-GALV	222
	66"	GALVANIZED	2174.00	C10F-24-66H-GALV	2242.00	C10S-24-66H-GALV	227
	72"	GALVANIZED	2212.00	C10F-24-72H-GALV	2280.00	C10S-24-72H-GALV	232
	84"	GALVANIZED	2286.00	C10F-24-84H-GALV	2355.00	C10S-24-84H-GALV	242
	96"	GALVANIZED	2362.00	C10F-24-96H-GALV	2430.00	C10S-24-96H-GALV	252
	108"	GALVANIZED	2436.00	C10F-24-108H-GALV	2505.00	C10S-24-108H-GALV	262
		120"	GALVANIZED	2511.00	C10F-24-120H-GALV	2579.00	C10S-24-120H-GALV
30"	54"	GALVANIZED	3030.00	C10F-30-54H-GALV	3140.00	C10S-30-54H-GALV	390
	60"	GALVANIZED	3074.00	C10F-30-60H-GALV	3184.00	C10S-30-60H-GALV	396
	66"	GALVANIZED	3118.00	C10F-30-66H-GALV	3228.00	C10S-30-66H-GALV	402
	72"	GALVANIZED	3206.00	C10F-30-72H-GALV	3316.00	C10S-30-72H-GALV	408
	84"	GALVANIZED	3294.00	C10F-30-84H-GALV	3405.00	C10S-30-84H-GALV	420
	96"	GALVANIZED	3383.00	C10F-30-96H-GALV	3493.00	C10S-30-96H-GALV	432
	108"	GALVANIZED	3471.00	C10F-30-108H-GALV	3581.00	C10S-30-108H-GALV	444
		120"	GALVANIZED	3559.00	C10F-30-120H-GALV	3669.00	C10S-30-120H-GALV

Indicate stem thread when ordering, add suffix to part number:

Right Hand Thread, 3 Teeth per inch = - 3TR

Right Hand Thread, 4 Teeth per inch = - 4TR

Left Hand Thread, 4 Teeth per inch = -4TL

Additional options may be added, contact factory for assistance and quotation.

Frame also available in painted steel or stainless steel. Contact factory for quotation.

# C-10 RED TOP CANAL GATES

C-10 CANAL GATES

GATE SIZE (DIAMETER)	"H" FRAME HEIGHT	FRAME MATERIAL	FLAT BACK		SPIGOT BACK (For CMP)		WEIGHT (LBS.)
<b>36"</b>	62"	GALVANIZED	<b>3522.00</b>	C10F-36-62H-GALV	<b>3831.00</b>	C10S-36-62H-GALV	534
	72"	GALVANIZED	<b>3596.00</b>	C10F-36-72H-GALV	<b>3904.00</b>	C10S-36-72H-GALV	550
	84"	GALVANIZED	<b>3684.00</b>	C10F-36-84H-GALV	<b>3993.00</b>	C10S-36-84H-GALV	566
	96"	GALVANIZED	<b>3772.00</b>	C10F-36-96H-GALV	<b>4081.00</b>	C10S-36-96H-GALV	582
	108"	GALVANIZED	<b>3860.00</b>	C10F-36-108H-GALV	<b>4169.00</b>	C10S-36-108H-GALV	598
	120"	GALVANIZED	<b>3948.00</b>	C10F-36-120H-GALV	<b>4257.00</b>	C10S-36-120H-GALV	614
<b>42"</b>	84"	GALVANIZED	<b>6413.00</b>	C10F-42-84H-GALV	<b>6862.00</b>	C10S-42-84H-GALV	690
	96"	GALVANIZED	<b>6501.00</b>	C10F-42-96H-GALV	<b>6950.00</b>	C10S-42-96H-GALV	706
	108"	GALVANIZED	<b>7358.00</b>	C10F-42-108H-GALV	<b>7215.00</b>	C10S-42-108H-GALV	722
	120"	GALVANIZED	<b>7460.00</b>	C10F-42-120H-GALV	<b>7303.00</b>	C10S-42-120H-GALV	738
<b>48"</b>	90"	GALVANIZED	<b>8159.00</b>	C10F-48-90H-GALV	<b>8576.00</b>	C10S-48-90H-GALV	950
	96"	GALVANIZED	<b>8203.00</b>	C10F-48-96H-GALV	<b>8620.00</b>	C10S-48-96H-GALV	966
	108"	GALVANIZED	<b>8291.00</b>	C10F-48-108H-GALV	<b>8708.00</b>	C10S-48-108H-GALV	982
	120"	GALVANIZED	<b>8379.00</b>	C10F-48-120H-GALV	<b>8796.00</b>	C10S-48-120H-GALV	998
<b>54"</b>	108"	GALVANIZED	<b>13869.00</b>	C10F-54-108H-GALV	<b>14425.00</b>	C10S-54-108H-GALV	1390
	120"	GALVANIZED	<b>14049.00</b>	C10F-54-120H-GALV	<b>14606.00</b>	C10S-54-120H-GALV	1430
<b>60"</b>	108"	GALVANIZED	<b>13869.00</b>	C10F-60-108H-GALV	<b>15540.00</b>	C10S-60-108H-GALV	2005
	120"	GALVANIZED	<b>14054.00</b>	C10F-60-120H-GALV	<b>15701.00</b>	C10S-60-120H-GALV	2025
<b>72"</b>	122"	GALVANIZED	<b>30630.00</b>	C10F-72-122H-GALV	<b>31088.00</b>	C10S-72-122H-GALV	3760

Indicate stem thread when ordering, add suffix to part number:

Right Hand Thread, 3 Teeth per inch = - 3TR

Right Hand Thread, 4 Teeth per inch = - 4TR

Left Hand Thread, 4 Teeth per inch = -4TL

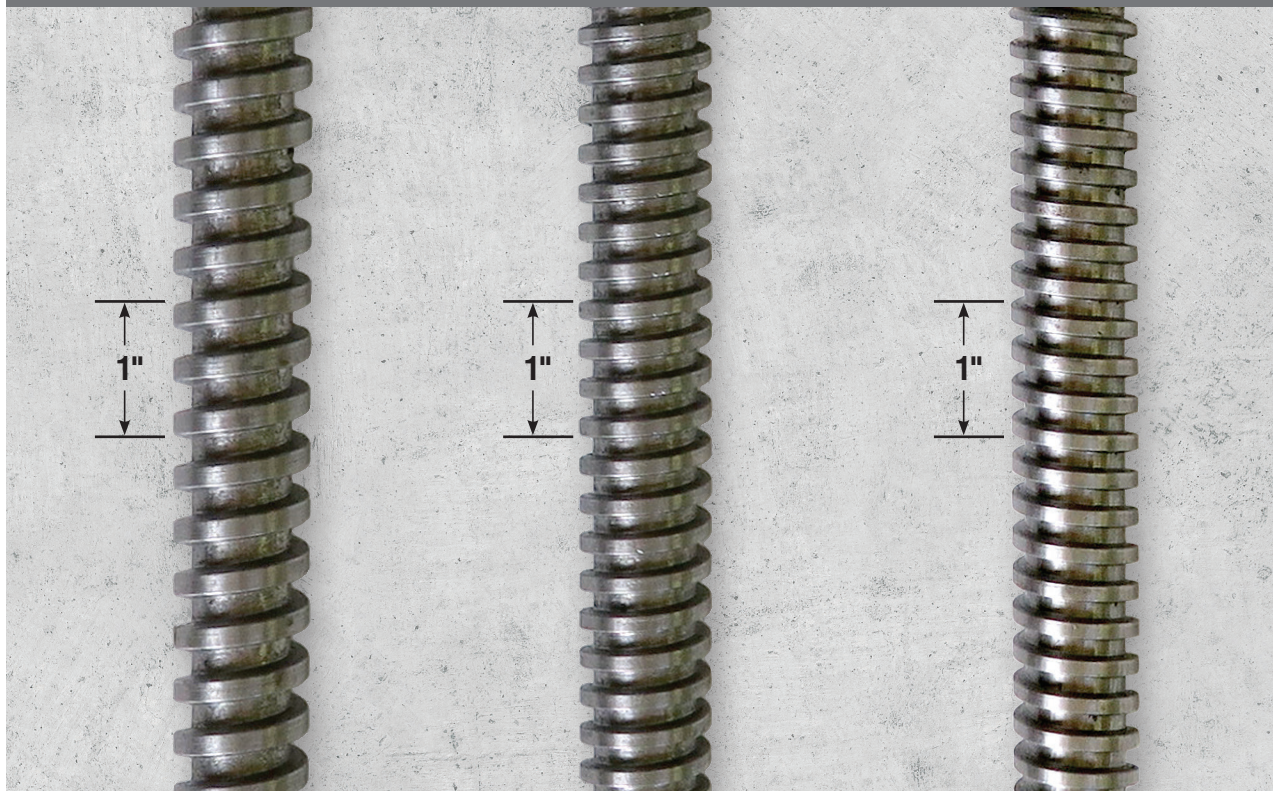
Additional options may be added, contact factory for assistance and quotation.

Frame also available in painted steel or stainless steel. Contact factory for quotation.



## Canal Gate Stem Thread Identification Guide

Use these photos to help you identify the stem thread of an existing Waterman gate.\*



### 3TR

Three Threads per Inch  
Right Hand Thread  
Turning the handwheel  
clockwise opens the gate

### 4TR

Four Threads per Inch  
Right Hand Thread  
Turning the handwheel  
clockwise opens the gate

### 4TL

Four Threads per Inch  
Left Hand Thread  
Turning the handwheel  
counter-clockwise opens the gate  
Least common. Less intuitive

\*images not to scale

# C-10 RED TOP CANAL GATE OPTIONS

C-10 GATE OPTIONS

OPTIONS TO ADD TO STANDARD GATE	ADDITIONAL COST / GATE SIZE					
	6"	8"	10"	12"	14"	15"
<b>CIP Frame Adapter</b> (for PIP & SCH 40 PVC)	<b>223.00</b> 40006159	<b>1118.00</b> 40008159	<b>1765.00</b> 40010159	<b>1890.00</b> 40012159	N/A	N/A
<b>Type 4 Spigot<sup>1</sup> Adapter</b> (Low Head PIP)	<b>236.00</b> 40006153	<b>248.00</b> 40008153	<b>266.00</b> 40010153	<b>308.00</b> 40012153	N/A	<b>POA</b>
<b>Taper Setting Collar for Concrete Pipe</b> (C-10C) (for Concrete Pipe) Add to Flatback Only	<b>233.00</b> 47806154	<b>244.00</b> 47808154	<b>252.00</b> 47810154	<b>258.00</b> 47812154	<b>266.00</b> 47814154	<b>272.00</b> 47815154
<b>CL-10 Square Cover</b> Flat Square Bottom Slide	N/A	<b>POA</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>
<b>Limit Nut (Std.)<sup>2</sup></b> Galvanized	<b>91.00</b> 710820731	<b>91.00</b> 710820731	<b>91.00</b> 710820731	<b>91.00</b> 710820731	<b>91.00</b> 710820731	<b>91.00</b> 710820731
<b>Tamper-Resistant Limit Nut<sup>2</sup></b> Galvanized 4 TPI RH (LH & 3TPI avail.)	<b>136.00</b> 71082842	<b>136.00</b> 71082842	<b>136.00</b> 71082842	<b>136.00</b> 71082842	<b>136.00</b> 71082842	<b>136.00</b> 71082842
<b>Non-Rising Extension Brackets (PR)</b>	<b>333.00</b> 54201001	<b>333.00</b> 54201001	<b>333.00</b> 54201001	<b>333.00</b> 54201001	<b>333.00</b> 54201001	<b>333.00</b> 54201001
<b>Non-Rising Extension Pipe Assembled</b> (per ft.)	<b>143.00</b> 54201002	<b>143.00</b> 54201002	<b>143.00</b> 54201002	<b>143.00</b> 54201002	<b>143.00</b> 54201002	<b>143.00</b> 54201002
<b>Non-Rising Stem Adaption</b> (CL-10 Cover Only)	<b>POA</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>
<b>Rising Stem Extension Brackets (PR)</b>	<b>176.00</b> 54209001	<b>176.00</b> 54209001	<b>176.00</b> 54209001	<b>176.00</b> 54209001	<b>176.00</b> 54209001	<b>176.00</b> 54209001
<b>Rising Stem Extension Pipe &amp; Stem Assembled</b> (per ft.)	<b>143.00</b> 54201002	<b>143.00</b> 54201002	<b>143.00</b> 54201002	<b>143.00</b> 54201002	<b>143.00</b> 54201002	<b>143.00</b> 54201002
<b>Machined Flatback Frame to Fit O.D. Steel Pipe</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>
<b>HDPE Flange Adapter<sup>3</sup></b> (for HDPE & SDR35)	<b>POA</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>

**Notes:** Special Paint and/or Special Materials - Call for Quote

<sup>1</sup> Type 4 is designed for Low Head pipe

<sup>2</sup> When ordering Limit Nuts, please specify Left Hand or Right Hand  
710821731 3 TPI Right Hand

<sup>3</sup> HDPE Adapters can be made to fit most pipe specifications

If bronze seat required, use C-20 gate.

Non-rising extension hardware is used to place handle and stem at a consistent location.

## STEM GUIDE ORDERING INFORMATION C-10

C-10 Gate Size	Stem Diameter For Stem Guides	Model	Price
6-16"	7/8"	SK-1	POA
18-24"	1"	SK-1	POA
30-36"	1 1/8"	SK-1	POA
42-48"	1 1/2"	SK-1	POA
54-72"	2"	SK-2	POA

Stem guides also available in stainless steel, call for price.



Model C-10



OPTIONS TO ADD TO STANDARD GATE	ADDITIONAL COST / GATE SIZE					
	16"	18"	20"	21"	24"	30"
<b>Type 4 Spigot<sup>1</sup> Adapter</b> (Low Head PIP)	N/A	POA 40018153	N/A	N/A	N/A	N/A
<b>Taper Setting Collar for Concrete Pipe</b> (C-10C) (for Concrete Pipe) Add to Flatback Only	<b>277.00</b> 47816154	<b>391.00</b> 47818154	<b>402.00</b> 47820154	<b>410.00</b> 47821154	<b>423.00</b> 47824154	<b>472.00</b> 47830154
<b>CL-10 Square Cover</b> Flat Square Bottom Slide	POA	POA	N/A	N/A	POA	POA
<b>Limit Nut (Std.)<sup>2</sup></b> Galvanized	<b>91.00</b> 710820731	<b>91.00</b> 710820821	<b>91.00</b> 710820821	<b>91.00</b> 710820821	<b>91.00</b> 710820821	<b>109.00</b> 710821131
<b>Tamper-Resistant Limit Nut<sup>2</sup></b> Galvanized 4 TPI RH (LH & 3TPI avail.)	<b>136.00</b> 71082842	<b>160.00</b> 71082844	<b>160.00</b> 71082844	<b>160.00</b> 71082844	<b>160.00</b> 71082844	<b>170.00</b> 71082848
<b>Non-Rising Extension Brackets (PR)</b>	<b>333.00</b> 54201001	<b>339.00</b> 54202001	<b>339.00</b> 54202001	<b>339.00</b> 54202001	<b>339.00</b> 54202001	<b>477.00</b> 54203001
<b>Non-Rising Extension Pipe Assembled</b> (per ft.)	<b>143.00</b> 54201002	<b>143.00</b> 54201002	<b>143.00</b> 54201002	<b>143.00</b> 54201002	<b>143.00</b> 54201002	<b>143.00</b> 54201002
<b>Non-Rising Stem Adaption</b> (CL-10 Cover Only)	POA	POA	N/A	POA	POA	POA
<b>Rising Stem Extension Brackets (PR)</b>	<b>176.00</b> 54209001	<b>212.00</b> 54211001	<b>212.00</b> 54211001	<b>212.00</b> 54211001	<b>212.00</b> 54211001	<b>212.00</b> 54211001
<b>Rising Stem Extension Pipe &amp; Stem Assembled</b> (per ft.)	<b>143.00</b> 54201002	<b>143.00</b> 54201002	<b>143.00</b> 54201002	<b>143.00</b> 54201002	<b>143.00</b> 54201002	<b>143.00</b> 54201002
<b>Machined Flatback Frame to Fit O.D. Steel Pipe</b>	POA	POA	POA	POA	POA	POA
<b>HDPE Flange Adapter<sup>3</sup></b> (for HDPE & SDR35)	POA	POA	POA	POA	POA	POA
<b>Type II Lift w/ Thrust Bearings</b> (for easier operation)	POA	POA	POA	POA	POA	POA

**Notes:** Special Paint and/or Special Materials - Call for Quote

<sup>1</sup> Type 4 is designed for Low Head pipe

<sup>2</sup> When ordering Limit Nuts, please specify Left Hand or Right Hand  
710821731 3 TPI Right Hand

<sup>3</sup> HDPE Adapters can be made to fit most pipe specifications

If bronze seat required, use C-20 gate.

## FRAME TYPE GUIDE

**F** = Flatwall/Flatback mounting

**S** = Spigot back for spiral or annular corrugated pipe

**CIP** = Solvent cementing back for PIP + SCH 40 pipe

**C** = Galvanized steel tapered collar for concrete pipe

**Type 4** = Mounting in plastic pipe with 2-part epoxy



# C-10 RED TOP® GATE OPTIONS

C-10 GATE OPTIONS

OPTIONS TO ADD TO STANDARD GATE	ADDITIONAL COST / GATE SIZE					
	36"	42"	48"	54"	60"	72"
<b>Taper Setting Collar for Concrete Pipe</b> (C-10C) (for Concrete Pipe) Add to Flatback Only	<b>509.00</b> 47836154	<b>534.00</b> 47842154	<b>POA</b> 47848154	N/A	N/A	N/A
<b>CL-10 Square Cover</b> Flat Square Bottom Slide	<b>POA</b>	<b>POA</b>	N/A	N/A	N/A	N/A
<b>Limit Nut (Std.)<sup>2</sup></b> Galvanized	<b>109.00</b> 710821131	<b>109.00</b> 710821721	<b>109.00</b> 710821721	<b>145.00</b> 10821911	<b>145.00</b> 10821911	<b>145.00</b> 10821911
<b>Tamper-Resistant Limit Nut<sup>2</sup></b> Galvanized 4 TPI RH (LH & 3TPI avail.)	<b>170.00</b> 71082848	<b>170.00</b> 710828412	<b>170.00</b> 710828412	<b>POA</b>	<b>POA</b>	<b>POA</b>
<b>Non-Rising Extension Brackets (PR)</b>	<b>477.00</b> 54203001	<b>544.00</b> 54204001	<b>544.00</b> 54204001	<b>544.00</b> 54204001	<b>544.00</b> 54204001	<b>N/A</b>
<b>Non-Rising Extension Pipe Assembled</b> (per ft.)	<b>188.00</b> 54201003	<b>POA</b> 305000006	<b>POA</b> 305000006	<b>POA</b>	<b>POA</b>	<b>N/A</b>
<b>Non-Rising Stem Adaption</b> (CL-10 Cover Only)	<b>POA</b>	N/A	N/A	N/A	N/A	N/A
<b>Rising Stem Extension Brackets (PR)</b>	<b>212.00</b> 54211001	<b>423.00</b> 54212001	<b>423.00</b> 54212001	<b>423.00</b> 54212001	<b>423.00</b> 54212001	<b>N/A</b>
<b>Rising Stem Extension Pipe &amp; Stem Assembled</b> (per ft. sizes 42" and above use 2" Schedule 40 metal pipe)	<b>143.00</b> 54201003	<b>POA</b> 54201102	<b>POA</b> 54201102	<b>POA</b> 305000006	<b>POA</b> 305000006	<b>N/A</b>
<b>Machined Flatback Frame to Fit O.D. Steel Pipe</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>	N/A	N/A	N/A
<b>HDPE Flange Adapter<sup>3</sup></b> (for HDPE & SDR35)	<b>POA</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>	<b>POA</b>
<b>Type II Lift w/ Thrust Bearings</b> (for easier operation)	<b>POA</b>	<b>POA</b>	<b>POA</b> 48884543 for 1.5" 4RH	<b>POA</b> 48884541	<b>POA</b> 4884854128 for 2" stem	<b>POA</b>

**Notes:** Special Paint and/or Special Materials - Call for Quote

<sup>1</sup> Type 4 is designed for Low Head pipe

<sup>2</sup> When ordering Limit Nuts, please specify Left Hand or Right Hand  
710821731 3 TPI Right Hand

<sup>3</sup> HDPE Adapters can be made to fit most pipe specifications

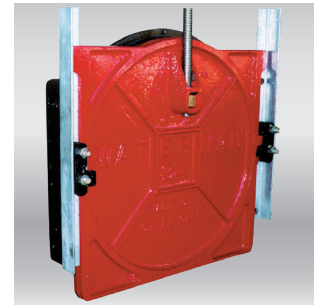
If bronze seat required, use C-20 gate.

## C-10

Waterman C-10 canal gates are built-to-last, offering a typical field life exceeding 40 years. They offer superior construction and performance to "look alike" products across a wide range of applications. They are designed for installations with pressure in the seating direction.

### Waterman advantages include:

- Superior sealing with 2-bolt wedges standard (competitors use only one bolt).
- Thicker, heavier material for rails, assures reliable performance and prevents deflection.
- Compatibility with existing installations.
- Wide choice of mounting options and pipe adapters.



Model C-10 Flat plate square bottom cover

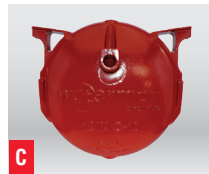
PART	GATE SIZE				
	6"	8"	10"	12"	14"
<b>A</b> Frame Ring – Flat Back	<b>228.00</b> 40006150	<b>232.00</b> 40008150	<b>238.00</b> 40010150	<b>248.00</b> 40012150	<b>423.00</b> 40014150
<b>B</b> Frame Ring – Spigot Back (For CMP)	<b>236.00</b> 40006152	<b>254.00</b> 40008152	<b>266.00</b> 40010152	<b>308.00</b> 40012152	<b>423.00</b> 40014151
<b>C</b> Cover (Slide)	<b>302.00</b> 41006150	<b>333.00</b> 41008150	<b>345.00</b> 41010150	<b>357.00</b> 41012150	<b>453.00</b> 41014150
<b>D</b> Left Wedge	<b>41.00</b> 71120880002	<b>41.00</b> 71120880002	<b>41.00</b> 71120880002	<b>41.00</b> 71120880002	<b>41.00</b> 71120880002
<b>E</b> Right Wedge	<b>41.00</b> 71120890002	<b>41.00</b> 71120890002	<b>41.00</b> 71120890002	<b>41.00</b> 71120890002	<b>41.00</b> 71120890002
<b>Top Rail – Painted</b>	<b>70.00</b> 47606024	<b>70.00</b> 47608024	<b>70.00</b> 47610024	<b>79.00</b> 47612024	<b>84.00</b> 47614024
<b>Top Rail – Galvanized</b>	<b>68.00</b> 47606025	<b>68.00</b> 47608025	<b>68.00</b> 47610025	<b>77.00</b> 47612025	<b>82.00</b> 47614025
<b>Right Guide Rails - Galvanized</b> (Price per foot)	<b>71.00</b> 47506025	<b>71.00</b> 47508025	<b>71.00</b> 47510025	<b>71.00</b> 47512025	<b>71.00</b> 47514027
<b>Left Guide Rails - Galvanized</b> (Price per foot)	<b>71.00</b> 47406025	<b>71.00</b> 47408025	<b>71.00</b> 47410025	<b>71.00</b> 47412025	<b>71.00</b> 47414027
<b>F</b> Thrust Collar / Lift Collar	<b>19.00</b> 48000005	<b>19.00</b> 48000005	<b>19.00</b> 48000005	<b>19.00</b> 48000005	<b>19.00</b> 48000005
<b>G</b> Collar Bolts w/ Nut (ea.)	<b>8.00</b> 2042	<b>8.00</b> 2042	<b>8.00</b> 2042	<b>8.00</b> 2042	<b>8.00</b> 2042
<b>H</b> Bronze Lift Nut	<b>76.00</b>	<b>76.00</b>	<b>76.00</b>	<b>76.00</b>	<b>76.00</b>
3 TPI - Right Hand	4840523111	4840523111	4840523111	4840523111	4840523111
4 TPI - Right Hand	484052312	484052312	484052312	484052312	484052312
4 TPI - Left Hand	484052313	484052313	484052313	484052313	484052313
<b>I</b> Handwheel (10" diameter used on 6-16" gates)	<b>55.00</b> 49510093	<b>55.00</b> 49510093	<b>55.00</b> 49510093	<b>55.00</b> 49510093	<b>55.00</b> 49510093
<b>J</b> Wedge Bolts (includes nut and washer) (ea. for sizes to 15", studs (pictured) are furnished.)	<b>22.00</b> 7600503528	<b>22.00</b> 7600503528	<b>22.00</b> 7600503528	<b>22.00</b> 7600503528	<b>22.00</b> 7600503528
<b>K</b> Assembly Bolts (includes nut and washer)	<b>32.00</b> 80800100	<b>32.00</b> 80800100	<b>32.00</b> 80800100	<b>32.00</b> 80800100	<b>32.00</b> 80800100
<b>UHMW Washers</b> (includes nut and washer) (ea.)	<b>7.00</b> 71024591	<b>7.00</b> 71024591	<b>7.00</b> 71024591	<b>7.00</b> 71024591	<b>7.00</b> 71024591



# C-10 RED TOP® GATE PARTS

C-10 GATE PARTS

PART	GATE SIZE					
	15"	16"	18"	20"	21"	24"
<b>A</b> Frame Ring – Flat Back	<b>453.00</b> 40015150	<b>471.00</b> 40016150	<b>477.00</b> 40018150	<b>785.00</b> 40020150	<b>785.00</b> 40021150	<b>882.00</b> 40024150
<b>B</b> Frame Ring – Spigot Back (For CMP)	<b>483.00</b> 40015152	<b>496.00</b> 40016152	<b>496.00</b> 40018152	<b>816.00</b> 40020152	<b>816.00</b> 40021152	<b>954.00</b> 40024152
<b>C</b> Cover (Slide)	<b>840.00</b> 41015150	<b>846.00</b> 41016150	<b>876.00</b> 41018150	<b>936.00</b> 41020150	<b>960.00</b> 41021150	<b>979.00</b> 41024150
<b>D</b> Left Wedge	<b>41.00</b> 71120880002	<b>49.00</b> 71120900002	<b>49.00</b> 71120900002	<b>49.00</b> 71120900002	<b>49.00</b> 71120900002	<b>49.00</b> 71120900002
<b>E</b> Right Wedge	<b>41.00</b> 71120890002	<b>49.00</b> 71120910002	<b>49.00</b> 71120910002	<b>49.00</b> 71120910002	<b>49.00</b> 71120910002	<b>49.00</b> 71120910002
Top Rail – Painted	<b>92.00</b> 47615024	<b>98.00</b> 47616024	<b>101.00</b> 47618024	<b>103.00</b> 47620024	<b>103.00</b> 47621024	<b>115.00</b> 47624024
Top Rail – Galvanized	<b>90.00</b> 47615025	<b>96.00</b> 47616025	<b>99.00</b> 47618025	<b>101.00</b> 47620025	<b>101.00</b> 47621025	<b>112.00</b> 47624025
Left Guide Rails – Galvanized (Price per Foot)	<b>71.00</b>	<b>71.00</b>	<b>71.00</b>	<b>71.00</b>	<b>71.00</b>	<b>71.00</b>
Right Guide Rails – Galvanized (Price per Foot)	<b>71.00</b>	<b>71.00</b>	<b>71.00</b>	<b>71.00</b>	<b>71.00</b>	<b>71.00</b>
<b>F</b> Thrust Collar / Lift Collar	<b>19.00</b> 48000005	<b>19.00</b> 48000005	<b>26.00</b> 48000010	<b>26.00</b> 48000010	<b>26.00</b> 48000010	<b>26.00</b> 48000010
<b>G</b> Collar Bolts w/ Nut (ea.)	<b>8.00</b> 2042	<b>8.00</b> 2042	<b>8.00</b> 2042	<b>8.00</b> 2042	<b>8.00</b> 2042	<b>8.00</b> 2042
<b>H</b> Bronze Lift Nut	<b>76.00</b>	<b>76.00</b>	<b>108.00</b>	<b>108.00</b>	<b>108.00</b>	<b>108.00</b>
3 TPI - Right Hand	4840523111	4840523111	484103311-3TR	484103311-3TR	484103311-3TR	484103311-3TR
4 TPI - Right Hand	484052312	484052312	484103312	484103312	484103312	484103312
4 TPI - Left Hand	484052313	484052313	484103313	484103313	484103313	484103313
<b>I</b> Handwheel	<b>55.00</b> 49510093	<b>55.00</b> 49510093	<b>94.00</b> 49512153	<b>94.00</b> 49512153	<b>94.00</b> 49512153	<b>94.00</b> 49512153
<b>J</b> Wedge Bolts (ea. for sizes above 15", hex bolts with nut and washer are provided.)	<b>22.00</b> 7600503528	<b>22.00</b> 80001001	<b>22.00</b> 80001001	<b>22.00</b> 80001001	<b>22.00</b> 80001001	<b>22.00</b> 80001001
<b>K</b> Assembly Bolts (includes nut and washer) (ea.)	<b>32.00</b> 80800100	<b>32.00</b> 80800100	<b>32.00</b> 80800100	<b>32.00</b> 80800100	<b>32.00</b> 80800100	<b>32.00</b> 80800100
<b>UHMW Washers</b> (ea.)	<b>7.00</b> 71024591	<b>7.00</b> 71024591	<b>7.00</b> 71024592	<b>7.00</b> 71024592	<b>7.00</b> 71024592	<b>7.00</b> 71024592



# C-10 RED TOP® GATE PARTS

C-10 GATE PARTS

PART	GATE SIZE						
	30"	36"	42"	48"	54"	60"	72"
<b>A</b> Frame Ring – Flat Back	1691.00 40030150	1721.00 40036150	2822.00 40042150	4227.00 40048150	8091.00 40054150	8453.00 40060150	9902.00 40072150
<b>B</b> Frame Ring – Spigot Back (For CMP)	1812.00 40030152	1842.00 40036152	3472.00 40042152	4347.00 40048152	8332.00 40054152	8936.00 40060152	12521.00 40072152
<b>C</b> Cover (Slide)	1600.00 41030150	2054.00 41036150	3864.00 41042150	4951.00 41048150	9087.00 41054150	10874.00 41060150	13283.00 41072150
<b>D</b> Left Wedge	82.00 71121450002	82.00 71121450002	82.00 71121450002	82.00 71121450002	196.00 71104840101	196.00 71104840101	243.00 71114260101
<b>E</b> Right Wedge	82.00 71121460002	82.00 71121460002	82.00 71121460002	82.00 71121460002	196.00 71104840201	196.00 71104840201	243.00 71114260201
Top Rail – Painted	143.00 47630024	229.00 47636024	281.00 47642024	320.00 47648024	336.00 47654024	356.00 47660024	709.00 47672024
Top Rail – Galvanized	140.00 47630025	224.00 47636025	275.00 47642025	312.00 47648025	329.00 47654025	349.00 47660025	695.00 47672025
Left Guide Rails – Galvanized (Price per Foot)	83.00	83.00	98.00	98.00	149.00	155.00	179.00
Right Guide Rails – Galvanized (Price per Foot)	83.00	83.00	98.00	98.00	149.00	155.00	179.00
<b>F</b> Thrust Collar / Lift Collar	30.00 48000015	30.00 48000015	75.00 48000020	110.00 48000026	110.00 48000026	110.00 48000026	N/A
<b>G</b> Collar Bolts w/ Nut (ea.)	8.00 2049	8.00 2049	10.00 2063	10.00 2063	10.00 2063	10.00 2063	N/A
<b>H</b> Bronze Lift Nut	339.00	339.00	598.00	598.00	598.00	598.00	N/A
3 TPI - Right Hand	484154311	484154311	N/A				
4 TPI - Right Hand	484154312	484154312	4842054161	4842054161	4842054161	4842054161	
4 TPI - Left Hand	484154313	484154313	4842054151	4842054151	4842054181	4842054181	
<b>I</b> Handwheel	112.00 49515181	112.00 49515181	185.00 49518250	199.00 49524243	600.00 49530243	600.00 49530243	N/A
<b>J</b> Wedge Bolts (ea.)	22.00 80001002	22.00 2069	26.00 2011	26.00 2011	26.00 2011	26.00 2011	26.00 2011
<b>K</b> Assembly Bolts	87.00 80801100	87.00 80801100	87.00 80801100	87.00 80801100	87.00 80801100	87.00 80801100	87.00 80801100
UHMW Washers (ea.)	7.00 71024593	7.00 71024593	7.00 71024594				
Bearing (ea.)				199.00 84501037	199.00 84501037	199.00 84501037	N/A



# C-20 RED TOP® CANAL GATES

C-20 CANAL GATES



Model C-20

## C-20

Designed for applications with either seating or unseating heads, Waterman C-20 canal gates are built-to-last, offering a typical field life exceeding 40 years. They offer superior construction and performance to “look alike” products across a wide range of applications.

### Waterman advantages include:

- Superior sealing with 2-bolt wedges standard (competitors use only one bolt).
- Thicker, heavier material for rails, assures reliable performance and prevents deflection.
- Compatibility with existing installations.
- Wide choice of mounting options and pipe adapters.
- Options for non-rising stem, rising stem extensions to accommodate a wide variety of special site requirements. See page 3 for further information.
- Available with brass seats.

GATE SIZE	“H” FRAME HEIGHT	MATERIAL	FLAT BACK		SPIGOT BACK (For CMP)		WEIGHT (LBS.)
8"	24"	GALVANIZED	1296.00	C20F-8-24H-GALV	1351.00	C20S-8-24H-GALV	69
	30"	GALVANIZED	1327.00	C20F-8-30H-GALV	1380.00	C20S-8-30H-GALV	74
	36"	GALVANIZED	1356.00	C20F-8-36H-GALV	1411.00	C20S-8-36H-GALV	79
	42"	GALVANIZED	1386.00	C20F-8-42H-GALV	1441.00	C20S-8-42H-GALV	84
	48"	GALVANIZED	1417.00	C20F-8-48H-GALV	1472.00	C20S-8-48H-GALV	89
	54"	GALVANIZED	1447.00	C20F-8-54H-GALV	1501.00	C20S-8-54H-GALV	94
	60"	GALVANIZED	1477.00	C20F-8-60H-GALV	1531.00	C20S-8-60H-GALV	99
	66"	GALVANIZED	1507.00	C20F-8-66H-GALV	1562.00	C20S-8-66H-GALV	104
	72"	GALVANIZED	1538.00	C20F-8-72H-GALV	1592.00	C20S-8-72H-GALV	109
	84"	GALVANIZED	1598.00	C20F-8-84H-GALV	1652.00	C20S-8-84H-GALV	118
	96"	GALVANIZED	1658.00	C20F-8-96H-GALV	1713.00	C20S-8-96H-GALV	127
	108"	GALVANIZED	1718.00	C20F-8-108H-GALV	1773.00	C20S-8-108H-GALV	136
120"	GALVANIZED	1779.00	C20F-8-120H-GALV	1834.00	C20S-8-120H-GALV	145	

Include this footer block below table on each page it appears:

When ordering, add suffix to part number to indicate stem thread pattern:

Right Hand Thread, 3 Teeth per inch = - 3TR

Right Hand Thread, 4 Teeth per inch = - 4TR

Left Hand Thread, 4 Teeth per inch = -4TL

Frame material also available in painted steel and stainless steel. Contact factory for details and pricing.

Additional options may be added, contact factory for details and pricing.



GATE SIZE	"H" FRAME HEIGHT	MATERIAL	FLAT BACK		SPIGOT BACK (For CMP)		WEIGHT (LBS.)
<b>10"</b>	24"	GALVANIZED	<b>1352.00</b>	C20F-10-24H-GALV	<b>1416.00</b>	C20S-10-24H-GALV	76
	30"	GALVANIZED	<b>1382.00</b>	C20F-10-30H-GALV	<b>1446.00</b>	C20S-10-30H-GALV	81
	36"	GALVANIZED	<b>1412.00</b>	C20F-10-36H-GALV	<b>1476.00</b>	C20S-10-36H-GALV	86
	42"	GALVANIZED	<b>1442.00</b>	C20F-10-42H-GALV	<b>1506.00</b>	C20S-10-42H-GALV	91
	48"	GALVANIZED	<b>1473.00</b>	C20F-10-48H-GALV	<b>1537.00</b>	C20S-10-48H-GALV	96
	54"	GALVANIZED	<b>1503.00</b>	C20F-10-54H-GALV	<b>1567.00</b>	C20S-10-54H-GALV	101
	60"	GALVANIZED	<b>1532.00</b>	C20F-10-60H-GALV	<b>1596.00</b>	C20S-10-60H-GALV	106
	66"	GALVANIZED	<b>1563.00</b>	C20F-10-66H-GALV	<b>1627.00</b>	C20S-10-66H-GALV	111
	72"	GALVANIZED	<b>1593.00</b>	C20F-10-72H-GALV	<b>1657.00</b>	C20S-10-72H-GALV	116
	84"	GALVANIZED	<b>1653.00</b>	C20F-10-84H-GALV	<b>1717.00</b>	C20S-10-84H-GALV	125
	96"	GALVANIZED	<b>1714.00</b>	C20F-10-96H-GALV	<b>1778.00</b>	C20S-10-96H-GALV	134
	108"	GALVANIZED	<b>1774.00</b>	C20F-10-108H-GALV	<b>1838.00</b>	C20S-10-108H-GALV	143
120"	GALVANIZED	<b>1835.00</b>	C20F-10-120H-GALV	<b>1899.00</b>	C20S-10-120H-GALV	152	
<b>12"</b>	24"	GALVANIZED	<b>1520.00</b>	C20F-12-24H-GALV	<b>1561.00</b>	C20S-12-24H-GALV	110
	30"	GALVANIZED	<b>1549.00</b>	C20F-12-30H-GALV	<b>1591.00</b>	C20S-12-30H-GALV	115
	36"	GALVANIZED	<b>1580.00</b>	C20F-12-36H-GALV	<b>1621.00</b>	C20S-12-36H-GALV	120
	42"	GALVANIZED	<b>1610.00</b>	C20F-12-42H-GALV	<b>1651.00</b>	C20S-12-42H-GALV	125
	48"	GALVANIZED	<b>1641.00</b>	C20F-12-48H-GALV	<b>1682.00</b>	C20S-12-48H-GALV	130
	54"	GALVANIZED	<b>1670.00</b>	C20F-12-54H-GALV	<b>1712.00</b>	C20S-12-54H-GALV	135
	60"	GALVANIZED	<b>1700.00</b>	C20F-12-60H-GALV	<b>1741.00</b>	C20S-12-60H-GALV	140
	66"	GALVANIZED	<b>1731.00</b>	C20F-12-66H-GALV	<b>1772.00</b>	C20S-12-66H-GALV	145
	72"	GALVANIZED	<b>1761.00</b>	C20F-12-72H-GALV	<b>1802.00</b>	C20S-12-72H-GALV	150
	84"	GALVANIZED	<b>1821.00</b>	C20F-12-84H-GALV	<b>1862.00</b>	C20S-12-84H-GALV	159
	96"	GALVANIZED	<b>1882.00</b>	C20F-12-96H-GALV	<b>1923.00</b>	C20S-12-96H-GALV	167
	108"	GALVANIZED	<b>1942.00</b>	C20F-12-108H-GALV	<b>1983.00</b>	C20S-12-108H-GALV	176
120"	GALVANIZED	<b>2003.00</b>	C20F-12-120H-GALV	<b>2044.00</b>	C20S-12-120H-GALV	185	

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Left Hand Thread, 4 Teeth per inch = -4TL

Frame material also available in painted steel and stainless steel. Contact factory for details and pricing.

Additional options may be added, contact factory for details and pricing.

# C-20 RED TOP® CANAL GATES

C-20 CANAL GATES

GATE SIZE	"H" FRAME HEIGHT	MATERIAL	FLAT BACK		SPIGOT BACK (For CMP)		WEIGHT (LBS.)
<b>14"</b>	30"	GALVANIZED	<b>1764.00</b>	C20F-14-30H-GALV	<b>1824.00</b>	C20S-14-30H-GALV	118
	36"	GALVANIZED	<b>1795.00</b>	C20F-14-36H-GALV	<b>1855.00</b>	C20S-14-36H-GALV	123
	42"	GALVANIZED	<b>1825.00</b>	C20F-14-42H-GALV	<b>1885.00</b>	C20S-14-42H-GALV	128
	48"	GALVANIZED	<b>1855.00</b>	C20F-14-48H-GALV	<b>1946.00</b>	C20S-14-48H-GALV	132
	54"	GALVANIZED	<b>1885.00</b>	C20F-14-54H-GALV	<b>1976.00</b>	C20S-14-54H-GALV	137
	60"	GALVANIZED	<b>1916.00</b>	C20F-14-60H-GALV	<b>2006.00</b>	C20S-14-60H-GALV	142
	66"	GALVANIZED	<b>1946.00</b>	C20F-14-66H-GALV	<b>2036.00</b>	C20S-14-66H-GALV	147
	72"	GALVANIZED	<b>1976.00</b>	C20F-14-72H-GALV	<b>2067.00</b>	C20S-14-72H-GALV	152
	84"	GALVANIZED	<b>2036.00</b>	C20F-14-84H-GALV	<b>2127.00</b>	C20S-14-84H-GALV	161
	96"	GALVANIZED	<b>2096.00</b>	C20F-14-96H-GALV	<b>2188.00</b>	C20S-14-96H-GALV	170
	108"	GALVANIZED	<b>2157.00</b>	C20F-14-108H-GALV	<b>2247.00</b>	C20S-14-108H-GALV	179
	120"	GALVANIZED	<b>2217.00</b>	C20F-14-120H-GALV	<b>2308.00</b>	C20S-14-120H-GALV	188
<b>15"</b>	32"	GALVANIZED	<b>1787.00</b>	C20F-15-32H-GALV	<b>1837.00</b>	C20S-15-32H-GALV	122
	36"	GALVANIZED	<b>1805.00</b>	C20F-15-36H-GALV	<b>1857.00</b>	C20S-15-36H-GALV	127
	42"	GALVANIZED	<b>1836.00</b>	C20F-15-42H-GALV	<b>1886.00</b>	C20S-15-42H-GALV	132
	48"	GALVANIZED	<b>1866.00</b>	C20F-15-48H-GALV	<b>1917.00</b>	C20S-15-48H-GALV	137
	54"	GALVANIZED	<b>1897.00</b>	C20F-15-54H-GALV	<b>1947.00</b>	C20S-15-54H-GALV	142
	60"	GALVANIZED	<b>1926.00</b>	C20F-15-60H-GALV	<b>1978.00</b>	C20S-15-60H-GALV	147
	66"	GALVANIZED	<b>1957.00</b>	C20F-15-66H-GALV	<b>2007.00</b>	C20S-15-66H-GALV	152
	72"	GALVANIZED	<b>1987.00</b>	C20F-15-72H-GALV	<b>2037.00</b>	C20S-15-72H-GALV	157
	84"	GALVANIZED	<b>2047.00</b>	C20F-15-84H-GALV	<b>2098.00</b>	C20S-15-84H-GALV	166
	96"	GALVANIZED	<b>2108.00</b>	C20F-15-96H-GALV	<b>2158.00</b>	C20S-15-96H-GALV	175
	108"	GALVANIZED	<b>2168.00</b>	C20F-15-108H-GALV	<b>2219.00</b>	C20S-15-108H-GALV	184
	120"	GALVANIZED	<b>2229.00</b>	C20F-15-120H-GALV	<b>2279.00</b>	C20S-15-120H-GALV	193

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Left Hand Thread, 4 Teeth per inch = -4TL

Frame material also available in painted steel and stainless steel. Contact factory for details and pricing.

Additional options may be added, contact factory for details and pricing.

GATE SIZE	"H" FRAME HEIGHT	MATERIAL	FLAT BACK		SPIGOT BACK (For CMP)		WEIGHT (LBS.)
<b>16"</b>	32"	GALVANIZED	<b>2044.00</b>	C20F-16-32H-GALV	<b>2342.00</b>	C20S-16-32H-GALV	125
	36"	GALVANIZED	<b>2063.00</b>	C20F-16-36H-GALV	<b>2378.00</b>	C20S-16-36H-GALV	130
	42"	GALVANIZED	<b>2093.00</b>	C20F-16-42H-GALV	<b>2413.00</b>	C20S-16-42H-GALV	135
	48"	GALVANIZED	<b>2124.00</b>	C20F-16-48H-GALV	<b>2448.00</b>	C20S-16-48H-GALV	140
	54"	GALVANIZED	<b>2153.00</b>	C20F-16-54H-GALV	<b>2485.00</b>	C20S-16-54H-GALV	145
	60"	GALVANIZED	<b>2183.00</b>	C20F-16-60H-GALV	<b>2519.00</b>	C20S-16-60H-GALV	150
	66"	GALVANIZED	<b>2214.00</b>	C20F-16-66H-GALV	<b>2554.00</b>	C20S-16-66H-GALV	155
	72"	GALVANIZED	<b>2244.00</b>	C20F-16-72H-GALV	<b>2590.00</b>	C20S-16-72H-GALV	160
	84"	GALVANIZED	<b>2304.00</b>	C20F-16-84H-GALV	<b>2659.00</b>	C20S-16-84H-GALV	170
	96"	GALVANIZED	<b>2365.00</b>	C20F-16-96H-GALV	<b>2732.00</b>	C20S-16-96H-GALV	180
	108"	GALVANIZED	<b>2425.00</b>	C20F-16-108H-GALV	<b>2802.00</b>	C20S-16-108H-GALV	190
	120"	GALVANIZED	<b>2486.00</b>	C20F-16-120H-GALV	<b>2873.00</b>	C20S-16-120H-GALV	200
<b>18"</b>	36"	GALVANIZED	<b>2223.00</b>	C20F-18-36H-GALV	<b>2446.00</b>	C20S-18-36H-GALV	175
	42"	GALVANIZED	<b>2263.00</b>	C20F-18-42H-GALV	<b>2484.00</b>	C20S-18-42H-GALV	180
	48"	GALVANIZED	<b>2302.00</b>	C20F-18-48H-GALV	<b>2516.00</b>	C20S-18-48H-GALV	185
	54"	GALVANIZED	<b>2342.00</b>	C20F-18-54H-GALV	<b>2553.00</b>	C20S-18-54H-GALV	190
	60"	GALVANIZED	<b>2381.00</b>	C20F-18-60H-GALV	<b>2588.00</b>	C20S-18-60H-GALV	195
	66"	GALVANIZED	<b>2421.00</b>	C20F-18-66H-GALV	<b>2622.00</b>	C20S-18-66H-GALV	200
	72"	GALVANIZED	<b>2459.00</b>	C20F-18-72H-GALV	<b>2658.00</b>	C20S-18-72H-GALV	205
	84"	GALVANIZED	<b>2537.00</b>	C20F-18-84H-GALV	<b>2727.00</b>	C20S-18-84H-GALV	215
	96"	GALVANIZED	<b>2616.00</b>	C20F-18-96H-GALV	<b>2800.00</b>	C20S-18-96H-GALV	225
	108"	GALVANIZED	<b>2695.00</b>	C20F-18-108H-GALV	<b>2870.00</b>	C20S-18-108H-GALV	235
	120"	GALVANIZED	<b>2772.00</b>	C20F-18-120H-GALV	<b>3369.00</b>	C20S-18-120H-GALV	245

Include this footer block below table on each page it appears:

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Right Hand Thread, 3 Teeth per inch = - 3TR

Right Hand Thread, 4 Teeth per inch = - 4TR

Left Hand Thread, 4 Teeth per inch = -4TL

Frame material also available in painted steel and stainless steel. Contact factory for details and pricing.

Additional options may be added, contact factory for details and pricing.

# C-20 RED TOP® CANAL GATES

C-20 CANAL GATES

GATE SIZE	"H" FRAME HEIGHT	MATERIAL	FLAT BACK		SPIGOT BACK (For CMP)		WEIGHT (LBS.)
<b>20"</b>	42"	GALVANIZED	<b>2487.00</b>	C20F-20-42H-GALV	<b>2597.00</b>	C20S-20-42H-GALV	210
	48"	GALVANIZED	<b>2520.00</b>	C20F-20-48H-GALV	<b>2631.00</b>	C20S-20-48H-GALV	215
	54"	GALVANIZED	<b>2555.00</b>	C20F-20-54H-GALV	<b>2665.00</b>	C20S-20-54H-GALV	220
	60"	GALVANIZED	<b>2589.00</b>	C20F-20-60H-GALV	<b>2699.00</b>	C20S-20-60H-GALV	225
	66"	GALVANIZED	<b>2623.00</b>	C20F-20-66H-GALV	<b>2734.00</b>	C20S-20-66H-GALV	230
	72"	GALVANIZED	<b>2657.00</b>	C20F-20-72H-GALV	<b>2767.00</b>	C20S-20-72H-GALV	235
	84"	GALVANIZED	<b>2725.00</b>	C20F-20-84H-GALV	<b>2835.00</b>	C20S-20-84H-GALV	245
	96"	GALVANIZED	<b>2793.00</b>	C20F-20-96H-GALV	<b>2904.00</b>	C20S-20-96H-GALV	255
	108"	GALVANIZED	<b>2862.00</b>	C20F-20-108H-GALV	<b>2972.00</b>	C20S-20-108H-GALV	265
	120"	GALVANIZED	<b>3360.00</b>	C20F-20-120H-GALV	<b>3471.00</b>	C20S-20-120H-GALV	275
<b>21"</b>	42"	GALVANIZED	<b>2555.00</b>	C20F-21-42H-GALV	<b>2665.00</b>	C20S-21-42H-GALV	220
	48"	GALVANIZED	<b>2589.00</b>	C20F-21-48H-GALV	<b>2699.00</b>	C20S-21-48H-GALV	225
	54"	GALVANIZED	<b>2623.00</b>	C20F-21-54H-GALV	<b>2734.00</b>	C20S-21-54H-GALV	230
	60"	GALVANIZED	<b>2657.00</b>	C20F-21-60H-GALV	<b>2767.00</b>	C20S-21-60H-GALV	235
	66"	GALVANIZED	<b>2692.00</b>	C20F-21-66H-GALV	<b>2802.00</b>	C20S-21-66H-GALV	240
	72"	GALVANIZED	<b>2725.00</b>	C20F-21-72H-GALV	<b>2835.00</b>	C20S-21-72H-GALV	245
	84"	GALVANIZED	<b>2793.00</b>	C20F-21-84H-GALV	<b>2904.00</b>	C20S-21-84H-GALV	255
	96"	GALVANIZED	<b>2862.00</b>	C20F-21-96H-GALV	<b>2972.00</b>	C20S-21-96H-GALV	265
	108"	GALVANIZED	<b>2930.00</b>	C20F-21-108H-GALV	<b>3040.00</b>	C20S-21-108H-GALV	275
	120"	GALVANIZED	<b>3429.00</b>	C20F-21-120H-GALV	<b>3539.00</b>	C20S-21-120H-GALV	285

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Frame material also available in painted steel and stainless steel. Contact factory for details and pricing.

Additional options may be added, contact factory for details and pricing.

# C-20 RED TOP® CANAL GATES

C-20 CANAL GATES

GATE SIZE	"H" FRAME HEIGHT	MATERIAL	FLAT BACK		SPIGOT BACK (For CMP)		WEIGHT (LBS.)
<b>24"</b>	48"	GALVANIZED	<b>3028.00</b>	C20F-24-48H-GALV	<b>3091.00</b>	C20S-24-48H-GALV	265
	54"	GALVANIZED	<b>3068.00</b>	C20F-24-54H-GALV	<b>3131.00</b>	C20S-24-54H-GALV	270
	60"	GALVANIZED	<b>3106.00</b>	C20F-24-60H-GALV	<b>3169.00</b>	C20S-24-60H-GALV	275
	66"	GALVANIZED	<b>3146.00</b>	C20F-24-66H-GALV	<b>3209.00</b>	C20S-24-66H-GALV	280
	72"	GALVANIZED	<b>3185.00</b>	C20F-24-72H-GALV	<b>3247.00</b>	C20S-24-72H-GALV	285
	84"	GALVANIZED	<b>3263.00</b>	C20F-24-84H-GALV	<b>3326.00</b>	C20S-24-84H-GALV	295
	96"	GALVANIZED	<b>3342.00</b>	C20F-24-96H-GALV	<b>3405.00</b>	C20S-24-96H-GALV	305
	108"	GALVANIZED	<b>3420.00</b>	C20F-24-108H-GALV	<b>3483.00</b>	C20S-24-108H-GALV	320
	120"	GALVANIZED	<b>3499.00</b>	C20F-24-120H-GALV	<b>3561.00</b>	C20S-24-120H-GALV	330
<b>30"</b>	60"	GALVANIZED	<b>4488.00</b>	C20F-30-60H-GALV	<b>4772.00</b>	C20S-30-60H-GALV	482
	66"	GALVANIZED	<b>4583.00</b>	C20F-30-66H-GALV	<b>4866.00</b>	C20S-30-66H-GALV	491
	72"	GALVANIZED	<b>4630.00</b>	C20F-30-72H-GALV	<b>4913.00</b>	C20S-30-72H-GALV	500
	84"	GALVANIZED	<b>4677.00</b>	C20F-30-84H-GALV	<b>4961.00</b>	C20S-30-84H-GALV	518
	96"	GALVANIZED	<b>4772.00</b>	C20F-30-96H-GALV	<b>5055.00</b>	C20S-30-96H-GALV	536
	108"	GALVANIZED	<b>4866.00</b>	C20F-30-108H-GALV	<b>5150.00</b>	C20S-30-108H-GALV	554
	120"	GALVANIZED	<b>4961.00</b>	C20F-30-120H-GALV	<b>5244.00</b>	C20S-30-120H-GALV	572

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Frame material also available in painted steel and stainless steel. Contact factory for details and pricing.

Additional options may be added, contact factory for details and pricing.

# C-20 RED TOP® CANAL GATES

C-20 CANAL GATES

GATE SIZE	"H" FRAME HEIGHT	MATERIAL	FLAT BACK		SPIGOT BACK (For CMP)		WEIGHT (LBS.)
<b>36"</b>	72"	GALVANIZED	<b>5979.00</b>	C20F-36-72H-GALV	<b>6599.00</b>	C20S-36-72H-GALV	669
	84"	GALVANIZED	<b>6099.00</b>	C20F-36-84H-GALV	<b>6718.00</b>	C20S-36-84H-GALV	687
	96"	GALVANIZED	<b>6219.00</b>	C20F-36-96H-GALV	<b>6838.00</b>	C20S-36-96H-GALV	705
	108"	GALVANIZED	<b>6338.00</b>	C20F-36-108H-GALV	<b>6958.00</b>	C20S-36-108H-GALV	723
	120"	GALVANIZED	<b>6458.00</b>	C20F-36-120H-GALV	<b>7077.00</b>	C20S-36-120H-GALV	741
<b>42"</b>	84"	GALVANIZED	<b>12792.00</b>	C20F-42-84H-GALV	<b>14504.00</b>	C20S-42-84H-GALV	1060
	96"	GALVANIZED	<b>12994.00</b>	C20F-42-96H-GALV	<b>14707.00</b>	C20S-42-96H-GALV	1082
	108"	GALVANIZED	<b>13197.00</b>	C20F-42-108H-GALV	<b>14909.00</b>	C20S-42-108H-GALV	1104
	120"	GALVANIZED	<b>13401.00</b>	C20F-42-120H-GALV	<b>15112.00</b>	C20S-42-120H-GALV	1126
<b>48"</b>	90"	GALVANIZED	<b>19885.00</b>	C20F-48-90H-GALV	<b>21210.00</b>	C20S-48-90H-GALV	1520
	96"	GALVANIZED	<b>20093.00</b>	C20F-48-96H-GALV	<b>21423.00</b>	C20S-48-96H-GALV	1542
	108"	GALVANIZED	<b>20302.00</b>	C20F-48-108H-GALV	<b>21596.00</b>	C20S-48-108H-GALV	1564
	120"	GALVANIZED	<b>20512.00</b>	C20F-48-120H-GALV	<b>21837.00</b>	C20S-48-120H-GALV	1586

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Left Hand Thread, 4 Teeth per inch = -4TL

Frame material also available in painted steel and stainless steel. Contact factory for details and pricing.

Additional options may be added, contact factory for details and pricing.



# C-20 RED TOP® GATE OPTIONS

C-20 GATE OPTIONS

OPTION	ADDITIONAL COST / GATE SIZE						
	8"	10"	12"	14"	15"	16"	18"
<b>Bronze Seats</b>	POA	POA	POA	POA	POA	POA	POA
<b>Non-Rising Extension Brackets (PR)</b>	<b>333.00</b> 54201001	<b>333.00</b> 54201001	<b>333.00</b> 54201001	<b>333.00</b> 54201001	<b>333.00</b> 54201001	<b>333.00</b> 54201001	<b>477.00</b> 54203001
<b>Non-Rising Extension Pipe Installed</b> (per ft.)	<b>143.00</b> 54201002	<b>143.00</b> 54201002	<b>143.00</b> 54201002	<b>143.00</b> 54201002	<b>143.00</b> 54201002	<b>143.00</b> 54201002	<b>143.00</b> 54201003
<b>Rising Stem Extension Brackets (PR)</b>	<b>176.00</b> 54209001	<b>176.00</b> 54209001	<b>176.00</b> 54209001	<b>176.00</b> 54209001	<b>176.00</b> 54209001	<b>176.00</b> 54209001	<b>212.00</b> 4211001
<b>Rising Stem Pipe &amp; Stem Installed</b> (per ft.)	<b>52.00</b>	<b>52.00</b>	<b>52.00</b>	<b>52.00</b>	<b>52.00</b>	<b>52.00</b>	<b>52.00</b>
<b>Machining for OD Pipe</b>	POA	POA	POA	POA	POA	POA	POA
<b>125 LB. Flange Drilling</b> 150 LB. Drilling also available	POA	POA	POA	POA	POA	POA	POA
<b>Limit Nut (Std.)<sup>1</sup></b> Galvanized	<b>91.00</b> 710820731	<b>91.00</b> 710820731	<b>91.00</b> 710820731	<b>91.00</b> 710820731	<b>91.00</b> 710820731	<b>91.00</b> 710820731	<b>109.00</b> 710821131
<b>Tamper-Resistant Limit Nut<sup>1</sup></b> Galvanized 3 TPI RH (Others avail.)	<b>45.00</b>	<b>45.00</b>	<b>45.00</b>	<b>45.00</b>	<b>45.00</b>	<b>45.00</b>	<b>59.00</b>
<b>HDPE Flange Adapter<sup>2</sup></b> (for HDPE & SDR35)	POA	POA	POA	POA	POA	POA	POA

**Notes:** Special Paint and/or Special Materials - Call for Quote

<sup>1</sup> When ordering Limit Nuts, please specify Left Hand or Right Hand

<sup>2</sup> HDPE Adapters can be made to fit most pipe specifications

## STEM GUIDE ORDERING INFORMATION C-20

C-20 Gate Size	Stem Diameter For Stem Guides	Model	Price
8-16"	7/8"	SK-1	POA
18-24"	1 1/8"	SK-1	POA
30-48"	1 1/2"	SK-2	POA



Model C-20

# C-20 RED TOP® GATE OPTIONS

C-20 GATE OPTIONS

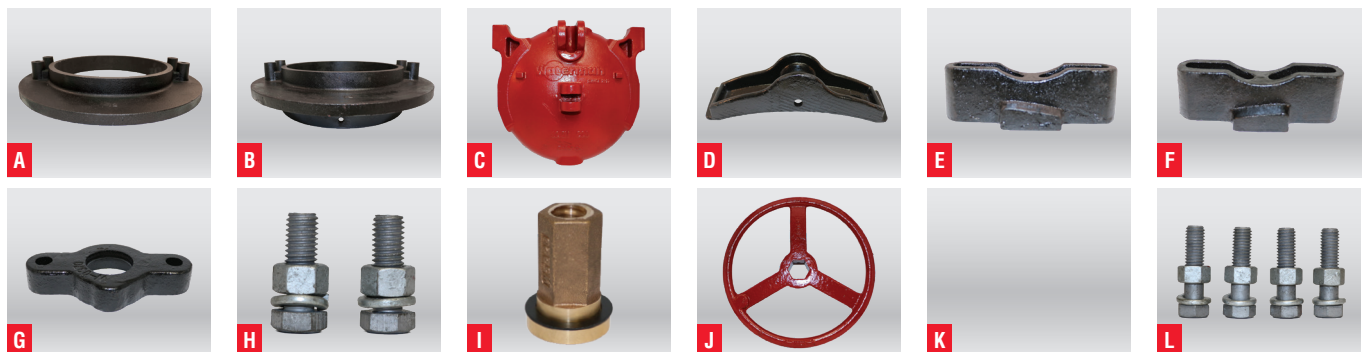
OPTION	ADDITIONAL COST/GATE SIZE						
	20"	21"	24"	30"	36"	42"	48"
<b>Bronze Seats</b>	POA	POA	POA	POA	POA	POA	POA
<b>Non-Rising Extension Brackets (PR)</b>	<b>477.00</b> 54203001	<b>477.00</b> 54203001	<b>477.00</b> 54203001	<b>477.00</b> 54204001	<b>477.00</b> 54204001	<b>477.00</b> 54204001	<b>477.00</b> 54204001
<b>Non-Rising Extension Pipe Assembled</b> (per ft.)	<b>143.00</b> 54201003	<b>143.00</b> 542010034	<b>143.00</b> 54201003	POA 54201102	POA 54201102	POA 54201102	POA 54201102
<b>Rising Stem Extension Brackets (PR)</b>	<b>212.00</b> 54211001	<b>212.00</b> 54211001	<b>212.00</b> 54211001	<b>423.00</b> 54212001	<b>423.00</b> 54212001	<b>423.00</b> 54212001	<b>423.00</b> 54212001
<b>Rising Stem Extension Pipe &amp; Stem Assembled</b> (per ft.)	<b>52.00</b>	<b>55.00</b>	<b>55.00</b>	<b>71.00</b>	<b>71.00</b>	<b>71.00</b>	<b>71.00</b>
<b>Machining Back for Flange Frame</b>	POA	POA	POA	POA	POA	POA	POA
<b>Machining for OD Pipe</b>	POA	POA	POA	POA	POA	POA	POA
<b>125 LB. Flange Drilling</b> 150 LB. Drilling also available	POA	N/A	POA	POA	POA	POA	POA
<b>Limit Nut (Std.)<sup>1</sup></b> Galvanized	<b>109.00</b>	<b>109.00</b>	<b>109.00</b>	<b>109.00</b>	<b>109.00</b>	<b>109.00</b>	<b>109.00</b>
<b>Tamper-Resistant Limit Nut<sup>1</sup></b> Galvanized 3 TPI RH (Others avail.)	POA	POA	POA	POA	POA	POA	POA
<b>Type II Lift w/ Thrust Bearings 4RH</b> (for easier operation)	N/A	N/A	N/A	<b>997.00</b> 48884543	<b>997.00</b> 48884543	<b>997.00</b> 48884543	<b>997.00</b> 48884543
<b>HDPE Flange Adapter<sup>2</sup></b> (for HDPE & SDR35)	POA	POA	POA	POA	POA	POA	POA

**Notes:** Special Paint and/or Special Materials - Call for Quote

<sup>1</sup> When ordering Limit Nuts, please specify Left Hand or Right Hand

<sup>2</sup> HDPE Adapters can be made to fit most pipe specifications

PART	GATE SIZE						
	8"	10"	12"	14"	15"	16"	18"
<b>A</b> Frame Ring - Flat Back 40008162	406.00	439.00	510.00	537.00	583.00	812.00	906.00
<b>B</b> Frame Ring - Spigot Back (For CMP) 40008164	532.00	550.00	614.00	643.00	875.00	951.00	1047.00
<b>C</b> Cover (Slide) 41008162	372.00	460.00	494.00	801.00	890.00	1081.00	1114.00
<b>D</b> Arch 44008162	61.00	71.00	63.00	90.00	114.00	204.00	216.00
<b>E</b> Right Wedge 71107270202	44.00	44.00	44.00	44.00	44.00	44.00	78.00
<b>F</b> Left Wedge 71107270102	44.00	44.00	44.00	44.00	44.00	44.00	78.00
Top Rail - Painted 47608040	136.00	142.00	158.00	170.00	184.00	198.00	209.00
Top Rail - Galvanized 47608041	133.0	139.00	155.00	166.00	180.00	194.00	205.00
Left Guide Rails - Galvanized (Price per Foot)	71.00	71.00	71.00	71.00	71.00	71.00	71.00
Right Guide Rails - Galvanized (Price per Foot)	71.00	71.00	71.00	71.00	71.00	71.00	71.00
<b>G</b> Thrust Collar / Lift Collar 48000005	19.00	19.00	19.00	19.00	19.00	19.00	30.00
<b>H</b> Collar Bolts w/ Nut (ea.) 2042	8.00	8.00	8.00	8.00	8.00	8.00	8.00
<b>I</b> Bronze Lift Nut 4840523111	76.00	76.00	76.00	76.00	76.00	76.00	423.00
3 TPI - Right Hand 4840523112	4840523111	4840523111	4840523111	4840523111	4840523111	4840523111	4841543111
4 TPI - Right Hand 4840523113	4840523112	4840523112	4840523112	4840523112	4840523112	4840523112	4841543112
4 TPI - Left Hand 4840523114	4840523113	4840523113	4840523113	4840523113	4840523113	4840523113	4841543113
<b>J</b> Handwheel 49512131	94.00	94.00	94.00	94.00	94.00	94.00	112.00
Arch Bolt 1176	20.00	20.00	20.00	20.00	20.00	20.00	20.00
Screw Bolt 2043	8.00	8.00	8.00	8.00	8.00	20.00	20.00
<b>K</b> Wedge Bolts (ea.) 1176	20.00	20.00	20.00	20.00	20.00	20.00	20.00
<b>L</b> Frame Bolts (ea.) 2041	8.00	8.00	8.00	8.00	8.00	8.00	8.00
<b>UHMW Washers</b> (includes nut and washer) (ea.) 71024591	7.00	7.00	7.00	7.00	7.00	7.00	7.00



# C-20 RED TOP® GATE PARTS

C-20 GATE PARTS

PART	GATE SIZE						
	20"	21"	24"	30"	36"	42"	48"
<b>A</b> Frame Ring - Flat Back	1051.00 40020162	1109.00 40021162	1277.00 40024162	1652.00 40030162	1782.00 40036162	5502.00 40042162	6543.00 40048162
<b>B</b> Frame Ring - Spigot Back (For CMP)	1182.00 40020164	1219.00 40021164	1414.00 40024164	1766.00 40030164	1774.00 40036164	5795.00 40042164	7815.00 40048164
<b>C</b> Cover (Slide)	1147.00 41020162	1200.00 41021162	1483.00 41024162	1675.00 41030162	2104.00 41036162	6171.00 41042162	6688.00 41048162
<b>D</b> Arch	306.00 44020162	337.00 44021162	380.00 44024162	601.00 44030162	903.00 44036162	1272.00 44042162	1366.00 44048162
<b>E</b> Right Wedge	78.00 71107350202	78.00 71107350202	98.00 71107280202	98.00 71107280202	101.00 71107000202	111.00 71110650202	111.00 71110650202
<b>F</b> Left Wedge	78.00 71107350102	78.00 71107350102	98.00 71107280102	98.00 7110728102	101.00 71107000102	111.00 71110650102	111.00 71110650102
Top Rail - Painted	246.00 47620040	250.00 47621040	264.00 47624040	290.00 47630040	321.00 47636040	359.00 47642040	384.00 47648040
Top Rail - Galvanized	241.00 47620041	245.00 47621041	314.00 47624041	285.00 47630041	314.00 47636041	351.00 47642041	376.00 47648041
Left Guide Rails - Galvanized (Price per Foot)	71.00	71.00	71.00	83.00	83.00	98.00	98.00
Right Guide Rails - Galvanized (Price per Foot)	71.00	71.00	71.00	83.00	83.00	98.00	98.00
<b>G</b> Thrust Collar / Lift Collar	30.00 48000015	30.00 48000015	30.00 48000015	75.00 48000020	75.00 48000020	110.00 48000026	110.00 48000026
<b>H</b> Collar Bolts w/ Nut (ea.)	8.00 2049	8.00 2049	8.00 2049	10.00 2390	10.00 2390	10.00 2390	10.00 2390
<b>I</b> Bronze Lift Nut	339.00	339.00	339.00	598.00	598.00	598.00	598.00
3 TPI - Right Hand	484154311	484154311	484154311				
4 TPI - Right Hand	484154312	484154312	484154312	4842054161	4842054161	4842054161	4842054161
4 TPI - Left Hand	484154313	484154313	484154313	4842054151	4842054151	4842054151	4842054151
<b>J</b> Handwheel	112.00 49515181	112.00 49515181	112.00 49515181	185.00 49518250	185.00 49518250	199.00 49524243	199.00 49524243
Arch Bolt	20.00 1176	20.00 2370	20.00 2370	20.00 1853	20.00 2074	25.00 2075	25.00 2075
Screw Bolt	20.00 2051	20.00 2051	20.00 2064	22.00 2073	22.00 2073	22.00 2073	22.00 2073
<b>K</b> Wedge Bolts (ea.)	20.00 2054	20.00 2054	20.00 2054	22.00 2069	22.00 2069	26.00 2011	26.00 2011
<b>L</b> Frame Bolts (ea.)	8.00 2049	8.00 2049	8.00 2049	8.00 2049	8.00 2049	10.00 2063	10.00 2063
<b>UHMW Washers</b> (includes nut and washer) (ea.) (for 42" & 48" part is the T-2 bearing)	7.00 71024593	7.00 71024593	7.00 71024593	7.00 71024594	7.00 71024594	167.00 84501037	167.00 84501037



# SSC-10 GATE

## SSC-10 SERIES

### STAINLESS STEEL CANAL GATES – CIRCULAR OPENING

#### Built for Superior Performance

- Stainless steel major components for optimum corrosion resistance
- Best-in-class design and construction
- Outstanding longevity for reduced maintenance
- Environmentally friendly
- Computer analyzed for stress and deflection using finite element analysis
- Maximum seat head 10', not for use with unseating head.

#### Waterman Exclusive Benefits

- Tight closure with tapered wedge seating
- Low-effort, low friction opening
- Nearly drip-tight performance

#### Materials and Specifications

- Rugged and easily replaceable J-bulb seal
- UHMW polyethylene guide inserts
- 304 Stainless steel construction, 316 stainless steel optional
- Stainless steel stem



SSC-10, NOT SSC-31

GATE SIZE	"H" FRAME HEIGHT (Minimum)	MAXIMUM HEAD (Feet)	LIFT	FLAT BACK	SPIGOT BACK	FLANGE BACK 125# ANSI	ADD'L RAIL (Per Foot)	STEM COVER (Option)
12"	27"	10'	Type 1(s)-10	<b>5138.00</b> SSC10F-12-27H	<b>5576.00</b> SSC10S-12-27H	<b>5623.00</b> SSC10FLG-12-27H	<b>189.00</b>	<b>495.00</b>
15"	32"	10'	Type 1(s)-10	<b>5576.00</b> SSC10F-15-32H	<b>6030.00</b> SSC10S-15-32H	<b>6087.00</b> SSC10FLG-15-32H	<b>191.00</b>	<b>506.00</b>
18"	36"	10'	Type 1(m)-15	<b>5746.00</b> SSC10F-18-36H	<b>6219.00</b> SSC10S-18-36H	<b>6288.00</b> SSC10FLG-18-36H	<b>229.00</b>	<b>554.00</b>
24"	46"	10'	Type 2SN-15	<b>6782.00</b> SSC10F-24-46H	<b>7732.00</b> SSC10S-24-46H	<b>7933.00</b> SSC10FLG-24-46H	<b>234.00</b>	<b>579.00</b>
30"	59"	10'	Type 2N-24	<b>7685.00</b> SSC10F-30-59H	<b>9156.00</b> SSC10S-30-59H	<b>8978.00</b> SSC10FLG-30-59H	<b>234.00</b>	<b>648.00</b>
36"	68"	10'	3R4-2:1	<b>8776.00</b> SSC10F-36-68H	<b>9833.00</b> SSC10S-36-68H	<b>10263.00</b> SSC10FLG-36-68H	<b>235.00</b>	<b>675.00</b>
42"	77"	10'	3R4-2:1	<b>9776.00</b> SSC10F-42-77H	<b>11296.00</b> SSC10S-42-77H	<b>12361.00</b> SSC10FLG-42-77H	<b>238.00</b>	<b>703.00</b>
48"	83"	10'	3R4-2:1	<b>11130.00</b> SSC10F-48-83H	<b>12719.00</b> SSC10S-48-83H	<b>14024.00</b> SSC10FLG-48-83H	<b>282.00</b>	<b>728.00</b>

**Notes:** SSC-10 Canal Gates include Self-Contained Frame, Stem, and Lift

Gate material is 304 stainless, 316 stainless optional - Call for Quote

Specify Corrugated Metal, Concrete, PVC type, or HDPE when ordering adapter - Interior pipe diameter required

Flange Back is compatible with ANSI 125#

Special diameters available

T304SS Anchor Bolts available

Custom sizes available on request

# AC-31 ALUMINUM CANAL GATE

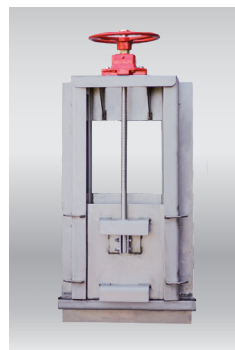
AC-31 ALUMINUM GATES

GATE SIZE	"H" FRAME HEIGHT (Minimum)	MAXIMUM HEAD SEATING/UNSEATING (Feet)	STANDARD LIFT	SPIGOT BACK	FLAT BACK	FLANGE BACK 125# ANSI	ADD'L RAIL (Per Foot)
8"	21"	30'/20'	Type 1(m)-12	<b>6686.00</b> AC31S-08-21H	<b>7193.00</b> AC31F-08-21H	<b>7211.00</b> AC31FLG-08-21H	<b>219.00</b>
10"	24"	30'/20'	Type 1(m)-12	<b>6740.00</b> AC31S-10-24H	<b>7257.00</b> AC31F-10-24H	<b>7284.00</b> AC31FLG-10-24H	<b>219.00</b>
12"	27"	30'/20'	Type 1(m)-12	<b>6778.00</b> AC31S-12-27	<b>7300.00</b> AC31F-12-27H	<b>7326.00</b> AC31FLG-12-27H	<b>219.00</b>
14"	30"	30'/20'	Type 1(m)-12	<b>6841.00</b> AC31S-14-30H	<b>7369.00</b> AC31F-14-30H	<b>7423.00</b> AC31FLG-14-30H	<b>219.00</b>
15"	32"	30'/20'	Type 1(m)-12	<b>7184.00</b> AC31S-15-32	<b>7714.00</b> AC31F-15-32H	<b>7769.00</b> AC31FLG-15-32H	<b>219.00</b>
16"	34"	30'/20'	Type 1(m)-12	<b>7197.00</b> AC31S-16-34H	<b>7728.00</b> AC31F-16-34H	<b>7798.00</b> AC31FLG-16-34H	<b>219.00</b>
18"	36"	30'/20'	Type 2SN-12	<b>7266.00</b> AC31S-18-36H	<b>7826.00</b> AC31F-18-36H	<b>7895.00</b> AC31FLG-18-36H	<b>228.00</b>
20"	40"	30'/20'	Type 2SN-15	<b>7289.00</b> AC31S-20-40H	<b>8293.00</b> AC31F-20-40H	<b>8377.00</b> AC31FLG-20-40H	<b>256.00</b>
21"	42"	30'/20'	Type 2SN-15	<b>7316.00</b> AC31S-21-42H	<b>8322.00</b> AC31F-21-42H	<b>8388.00</b> AC31FLG-21-42H	<b>256.00</b>
24"	46"	30'/20'	Type 2-24	<b>7904.00</b> AC31S-46-46H	<b>8959.00</b> AC31F-46-46H	<b>9147.00</b> AC31FLG-46-46H	<b>260.00</b>
30"	59"	30'/20'	3R4-2:1	<b>9111.00</b> AC31S-30-59H	<b>10203.00</b> AC31F-30-59H	<b>10475.00</b> AC31FLG-30-59H	<b>260.00</b>
36"	68"	30'/20'	3R4-2:1	<b>10439.00</b> AC31S-36-68H	<b>11373.00</b> AC31F-36-68H	<b>11769.00</b> AC31FLG-36-68H	<b>260.00</b>
42"	77"	30'/20'	3R4-2:1	<b>11749.00</b> AC31S-42-77H	<b>13379.00</b> AC31F-42-77H	<b>14347.00</b> AC31FLG-42-77H	<b>260.00</b>
48"	87"	15'/15'	3R4-2:1	<b>12985.00</b> AC31S-48-87H	<b>14665.00</b> AC31F-48-87H	<b>15842.00</b> AC31FLG-48-87H	<b>300.00</b>
54"	95"	15'/15'	3R4-2:1	<b>14039.00</b> AC31S-54-95H	<b>16107.00</b> AC31F-54-95H	<b>17425.00</b> AC31FLG-54-95H	<b>300.00</b>
60"	108"	15'/15'	3R5-4:1	<b>15658.00</b> AC31S-60-108H	<b>17800.00</b> AC31F-60-108H	<b>19377.00</b> AC31FLG-60-108H	<b>300.00</b>
66"	117"	10'/10'	3R5-4:1	<b>17910.00</b> AC31S-66-117H	<b>20129.00</b> AC31F-66-117H	<b>22021.00</b> AC31FLG-66-117H	<b>322.00</b>
72"	126"	10'/10'	3R5-4:1	<b>19868.00</b> AC31S-72-126H	<b>22388.00</b> AC31F-72-126H	<b>25622.00</b> AC31FLG-72-126H	<b>322.00</b>
84"	147"	10'/10'	3R7-12:1	<b>26078.00</b> AC31S-84-147H	<b>29058.00</b> AC31F-84-147H	<b>32979.00</b> AC31FLG-84-147H	<b>420.00</b>

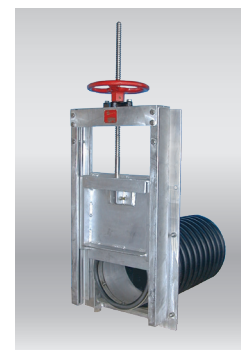
**Notes:** AC-31 Canal Gates include Self-Contained Frame, Stem, and Lift. Minimum height models shown, additional rail heights available.

Specify Corrugated Metal, Concrete, PVC type, or HDPE when requesting spigot mounting to pipe. Furnish interior pipe diameter.

Optional rising stem covers and non-rising stem available. Can be adaptable to motor operators; contact factory for details.

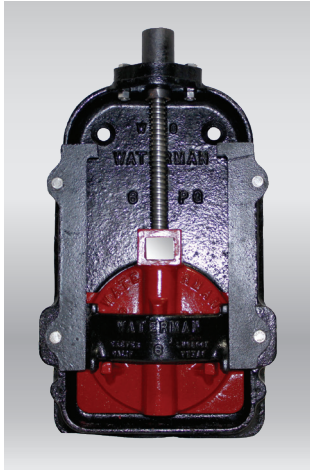


AC-31-F



AC-31-Type 6 for HDPE





P-30

## PRESSURE SLIDE GATES--P-30 "RED TOP" SERIES

Used for medium duty water control in small reservoirs, distribution boxes, ponding areas and pumping stations. Not for use with continuous throttling. Holds pressure in both directions. Center-point, wedge-action closure. Typically mounted to head walls or pipe stands. Flange back models (P-30-FF) for direct installation on pipe flanges with 125# ANSI straddle center drilling standard.

### KEY FEATURES:

- Guide rails on 6"-14" are cast iron. Guide rails on 16" and larger are stainless steel.
- Precision machined iron seating surface (bronze optional).
- For 60 foot seating (face) pressure and 10 foot unseating (back) pressure
- Non-Rising 304SS stem standard. All sizes supplied with a handwheel operator standard. Optionally, 2" square operating nut can be furnished on special request.

GATE SIZE	P-30-F FLATBACK / WALL MOUNT			P-30FLG FLANGEBACK ANSI 125# DRILLING		
	WT. (LBS.)	IRON SEATS	BRONZE SEATS	WT. (LBS.)	IRON SEATS	BRONZE SEATS
6"	105	<b>2105.00</b> P30F-06	<b>2593.00</b> P30F-06-BNZ	155	<b>2404.00</b> P30FLG-06	<b>2893.00</b> P30FLG-06-BNZ
8"	120	<b>2480.00</b> P30F-08	<b>3104.00</b> P30F-08-BNZ	170	<b>2887.00</b> P30FLG-08	<b>3512.00</b> P30FLG-08-BNZ
10"	165	<b>3315.00</b> P30F-10	<b>3968.00</b> P30F-10-BNZ	215	<b>3701.00</b> P30FLG-10	<b>4355.00</b> P30FLG-10-BNZ
12"	185	<b>3633.00</b> P30F-12	<b>43147.00</b> P30F-12-BNZ	235	<b>4060.00</b> P30FLG-12	<b>4743.00</b> P30FLG-12-BNZ
14"	295	<b>4039.00</b> P30F-14	<b>4872.00</b> P30F-14-BNZ	345	<b>4587.00</b> P30FLG-14	<b>2893.00</b> P30FLG-14-BNZ
16"	400	<b>4318.00</b> P30F-16	<b>5174.00</b> P30F-16-BNZ	450	<b>4980.00</b> P30FLG-16	<b>5836.00</b> P30FLG-16-BNZ
18"	475	<b>4800.00</b> P30F-18	<b>5922.00</b> P30F-18-BNZ	525	<b>5429.00</b> P30FLG-18	<b>6551.00</b> P30FLG-18-BNZ
20"	525	<b>5210.00</b> P30F-20	<b>6601.00</b> P30F-20-BNZ	575	<b>6025.00</b> P30FLG-20	<b>7418.00</b> P30FLG-20-BNZ
24"	590	<b>7413.00</b> P30F-24	<b>8895.00</b> P30F-24-BNZ	640	<b>8157.00</b> P30FLG-24	<b>9639.00</b> P30FLG-24-BNZ

**Notes:** 6" through 14" valves come with iron rails - 16" and above come standard with stainless steel rail unless otherwise noted

Specify type and size of pipe when ordering adaption

304ss stems are standard

PART	GATE SIZE								
	6"	8"	10"	12"	14"	16"	18"	20"	24"
<b>Flangeback Frame - Iron Seats</b>	<b>582.00</b> 40006134	<b>596.00</b> 40008134	<b>720.00</b> 40010134	<b>800.00</b> 40012134	<b>1173.00</b> 40014134	<b>1546.00</b> 40016134	<b>1604.00</b> 40018134	<b>1951.00</b> 40020134	<b>2815.00</b> 40024134
<b>Flange back Frame - Bronze Seats</b>	<b>888.00</b> 40206134	<b>941.00</b> 40208134	<b>1071.00</b> 40210134	<b>1196.00</b> 40212134	<b>1713.00</b> 40214134	<b>1904.00</b> 40216134	<b>2234.00</b> 40218134	<b>2836.00</b> 40220134	<b>3514.00</b> 40224134
<b>Headpiece (Yoke)</b>	N/A	N/A	N/A	N/A	N/A	<b>213.00</b> 47616134	<b>337.00</b> 47618134	<b>480.00</b> 47620134	<b>500.00</b> 47624134
<b>Cover - Iron Seats</b>	<b>272.00</b> 41006050	<b>287.00</b> 41008050	<b>307.00</b> 41010050	<b>315.00</b> 41012050	<b>347.00</b> 41014050	<b>363.00</b> 41016050	<b>489.00</b> 41018050	<b>818.00</b> 41020050	<b>1395.00</b> 41024050
<b>Cover - Bronze Seats</b>	<b>396.00</b> 41406051	<b>420.00</b> 41408051	<b>424.00</b> 41410051	<b>473.00</b> 41412051	<b>720.00</b> 41414051	<b>855.00</b> 41416051	<b>1159.00</b> 41418051	<b>1735.00</b> 41420051	<b>2625.00</b> 41424051
<b>Arch</b>	<b>97.00</b> 71101890002	<b>106.00</b> 71101920002	<b>124.00</b> 71102000002	<b>237.00</b> 71102060002	<b>249.00</b> 71102120002	<b>263.00</b> 71102180002	<b>288.00</b> 71102250002	<b>306.00</b> 71102280002	<b>875.00</b> 71111010002
<b>Stainless Screw w/ Head Extension Bracket</b>	<b>164.00</b> 42406134	<b>165.00</b> 42408134	<b>171.00</b> 42410134	<b>178.80</b> 42412134	<b>192.00</b> 42414134	<b>256.00</b> 42416134	<b>276.00</b> 42418134	<b>385.00</b> 42420134	<b>467.00</b> 42424134
<b>Brass Screw Nut (Thrust Nut, Single Lead)</b>	<b>102.00</b> 42106102	<b>102.00</b> 42106102	<b>102.00</b> 42106102	<b>102.00</b> 42106102	<b>102.00</b> 42106102	<b>194.00</b> 42116102	<b>194.00</b> 42116102	<b>217.00</b> 42120102	<b>408.00</b> 42124102
<b>Screw Head w/ Pin</b>	<b>29.00</b> 42306134	<b>29.00</b> 42306134	<b>29.00</b> 42306134	<b>29.00</b> 42306134	<b>29.00</b> 42306134	<b>37.00</b> 103588	<b>37.00</b> 103588	<b>43.00</b> 42320134	<b>186.00</b> 42324134
<b>Left Rail - Iron</b>	<b>39.00</b> 47406134	<b>39.00</b> 47408134	<b>39.00</b> 47410134	<b>46.00</b> 47412134	<b>78.00</b> 47414134	N/A	N/A	N/A	N/A
<b>Right Rail - Iron</b>	<b>39.00</b> 47506134	<b>39.00</b> 47508134	<b>39.00</b> 47510134	<b>46.00</b> 47512134	<b>78.00</b> 47514134	N/A	N/A	N/A	N/A
<b>Left Rail - Steel</b>	N/A	N/A	N/A	N/A	N/A	<b>76.00</b> 47416234	<b>86.00</b> 47418234	<b>107.00</b> 47420234	<b>138.00</b> 47424234
<b>Right Rail - Steel</b>	N/A	N/A	N/A	N/A	N/A	<b>76.00</b> 47516234	<b>86.00</b> 47518234	<b>107.00</b> 47520234	<b>138.00</b> 47524234
<b>Right Rail - Stainless Steel</b>	N/A	N/A	N/A	N/A	N/A	<b>113.00</b> 47416334	<b>141.00</b> 47418334	<b>165.00</b> 47420334	<b>217.00</b> 47424334
<b>Right Rail - Stainless Steel</b>	N/A	N/A	N/A	N/A	N/A	<b>113.00</b> 47516334	<b>141.00</b> 47518334	<b>165.00</b> 47520334	<b>217.00</b> 47524334
<b>Thrust Collar</b>	<b>114.00</b> 48006134	<b>114.00</b> 48006134	<b>114.00</b> 48006134	<b>114.00</b> 48006134	<b>114.00</b> 48006134	<b>184.00</b> 48014134	<b>184.00</b> 48014134	<b>342.00</b> 48020134	<b>393.00</b> 48024134
<b>Collar Bolts</b>	<b>5.00</b> 2262	<b>5.00</b> 2262	<b>5.00</b> 2262	<b>5.00</b> 2262	<b>8.00</b> 2300	<b>8.00</b> 2300	<b>8.00</b> 2300	<b>10.00</b> 2306	<b>10.00</b> 2306
<b>Handwheel</b>	<b>164.00</b> 49512061	<b>164.00</b> 49512061	<b>164.00</b> 49512061	<b>164.00</b> 49512061	<b>164.00</b> 49512061	<b>172.00</b> 49512078	<b>172.00</b> 49512078	<b>POA</b> 49515088	<b>212.00</b> 49518126
<b>Assembly Bolts (ea.)</b>	<b>6.00</b> 1235	<b>6.00</b> 1235	<b>6.00</b> 1235	<b>6.00</b> 1235	<b>6.00</b> 1235	<b>9.00</b> 1231	<b>9.00</b> 1231	<b>9.00</b> 1231	<b>9.00</b> 1231
<b>Set Screws (ea.)</b>	<b>5.00</b> 2860	<b>5.00</b> 2860	<b>5.00</b> 2860	<b>5.00</b> 2860	<b>5.00</b> 2860	<b>5.00</b> 2860	<b>5.00</b> 2860	<b>5.00</b> 2860	<b>5.00</b> 2860

# H-30 LINE GATES



H-30



H-30 with V-notch opening

## LINE GATES—H-30 "RED TOP" SERIES

Our line gates are for direct installation into pipelines and are designed for longevity. The heavy-cast iron construction is complimented by a non-rising stainless steel screw and bronze nut with double lead Acme threads. A cast iron packing gland with a bronze packing nut which eliminates “freezing” due to rust or corrosion.

### KEY FEATURES:

- Precision-machined iron seating surface (bronze seats optional)
- Each gate is hydrostatically tested
- 60 feet maximum seating (face) pressure (PSI)
- 10 feet maximum unseating (back) pressure (PSI)
- Non-rising stainless steel stem, with bronze nut and precision machined double lead Acme threads for faster opening and closing
- Bronze packing gland nut and lift nut
- Hand wheel standard; 2" square operating nut optional

H-30 LINE GATES

GATE SIZE	PRICE WITH CAST IRON SEATS <sup>1</sup>				
	HUB ENDS (CONCRETE T1)	SPIGOTS FOR PVC T-4 SOLVENT CEMENT CONNECTION	CIP / IPS HUB <sup>2</sup>	FLANGED (125 LB. ASA)	ADD PIP INSERT
6"	N/A	<b>1396.00</b> H30-06-T4 75 LBS.	<b>1460.00</b> H30-06-IPS 74 LBS.	<b>1812.00</b> H30-06-FF 84 LBS.	<b>22.00</b> 1800418
8"	<b>1496.00</b> H30-08-T1 76 LBS.	<b>1518.00</b> H30-08-T4 94 LBS.	<b>1841.00</b> H30-08-IPS 92 LBS.	<b>1955.00</b> H30-08-FF 104 LBS.	<b>22.00</b> 1800408
10"	<b>1650.00</b> H30-10-T1 87 LBS.	<b>1802.00</b> H30-10-T4 120 LBS.	<b>2193.00</b> H30-10-IPS 117 LBS.	<b>2402.00</b> H30-10-FF 131 LBS.	<b>28.00</b> 1800412
12"	<b>1938.00</b> H30-12-T1 143 LBS.	<b>2139.00</b> H30-12-T4 169 LBS.	<b>2502.00</b> H30-12-IPS 161 LBS.	<b>2850.00</b> H30-12-FF 182 LBS.	<b>28.00</b> 1800409
14"	<b>2331.00</b> H30-14-T1 182 LBS.	N/A	N/A	<b>3532.00</b> H30-14-FF 200 LBS.	N/A
15" x 14" (15" Pipe Size)	N/A	<b>22572.00</b> H30-1514-T4 200 LBS.	<b>3302.00</b> H30-1514-PIP 194 LBS.	N/A	N/A
16"	<b>3037.00</b> H30-16-T1 245 LBS.	N/A	N/A	<b>4239.00</b> H30-16-FF 390 LBS.	N/A
18"	<b>3812.00</b> H30-18-T1 305 LBS.	<b>4773.00</b> H30-18-T4-63# for 63lb PIP / H30-18-T4-80# for 80lb PIP no adapter needed 325 LBS.	N/A	<b>5853.00</b> H30-18-FF 610 LBS.	N/A
20"	<b>6079.00</b> H30-20-T1 462 LBS.	N/A	N/A	<b>7149.00</b> H30-20-FF 960 LBS.	N/A
20" x 21"* (21" Pipe Size)	N/A	<b>6079.00*</b> H30-2021-T4 480 LBS.	N/A	N/A	N/A
24"	<b>11807.00</b> H30-24-T1 883 LBS.	<b>13642.00</b> H30-24-T4 931 LBS.	N/A	<b>15425.00</b> H30-24-FF 998 LBS.	N/A
30"	<b>25135.00</b> H30-30-T1 2,440 LBS.	N/A	N/A	<b>27387.00</b> H30-30-FF 2,550 LBS.	N/A
36"	N/A	N/A	N/A	<b>40015.00</b> H30-36-FF 4290 LBS.	N/A

Notes: <sup>1</sup> Bronze Seats available, please call for quote. <sup>2</sup> Add PIP Inserts for PIP Pipe when placing order, see additional cost column  
Vee Notch (Metering) HV-30 and Double Disc (HD-30) lines available by special order. Call for quote  
\*On 20" x 21" for 80# or 100# PIP NO ADAPTER REQUIRED.

PART	GATE SIZE						
	6"	8"	10"	12"	14"	15" x 14"	16"
<b>Bonnet</b>	<b>199.00</b> 42006102	<b>218.00</b> 42008102	<b>235.00</b> 42010102	<b>277.00</b> 42012102	<b>340.00</b> 42014102	<b>340.00</b> 42014102	<b>520.00</b> 42016102
<b>Bonnet Gasket</b>	<b>16.00</b> 43506102	<b>33.00</b> 43508102	<b>33.00</b> 43510102	<b>33.00</b> 43512102	<b>53.00</b> 43514102	<b>53.00</b> 43514102	<b>56.00</b> 43516102
<b>Bonnet Bolts</b> (Set of bolts and nuts)	<b>55.00</b> 80803150	<b>57.00</b> 80804150	<b>57.00</b> 80804150	<b>57.00</b> 80805150	<b>57.00</b> 80805150	<b>57.00</b> 80805150	<b>80.00</b> 80806150
<b>Arch</b>	<b>97.00</b> 71101890002	<b>106.00</b> 71101920002	<b>124.00</b> 71102000002	<b>237.00</b> 71102060002	<b>249.00</b> 71102120002	<b>249.00</b> 71102120002	<b>263.00</b> 71102180002
<b>Stainless Screw (Stem) w/ Collar Double Lead</b>	<b>198.00</b> 42706103	<b>206.00</b> 42708103	<b>227.00</b> 42710103	<b>237.00</b> 42712103	<b>380.00</b> 42714103	<b>380.00</b> 42714103	<b>320.00</b> 42716103
<b>Brass Screw Nut (Thrust Nut) Double Lead</b>	<b>38.00</b> 42106103	<b>38.00</b> 42106103	<b>38.00</b> 42106103	<b>38.00</b> 42106103	<b>38.00</b> 42106103	<b>38.00</b> 42106103	<b>90.00</b> 42116103
<b>Body</b> (Cast Iron w/ Hub Ends)	<b>648.00</b> 40506020	<b>677.00</b> 40508020	<b>862.00</b> 40510020	<b>987.00</b> 40512020	<b>1237.00</b> 40514020	N/A	<b>1874.00</b> 40516020
<b>Body</b> w/ Type 4 Spigots1 (Iron Seats))	<b>793.00</b> 40506060	<b>976.00</b> 40508060	<b>1165.00</b> 40510060	<b>1456.00</b> 40512060	N/A	<b>1840.00</b> 40515060	<b>2335.00</b> 40516060
<b>Body</b> w/ Flanged Ends (Iron Seats)	<b>1268.00</b> 40506080	<b>1268.00</b> 40508080	<b>1559.00</b> 40510080	<b>2217.00</b> 40512080	<b>2470.00</b> 40514080	N/A	<b>3497.00</b> 40516080
<b>Body</b> w/ CIP Hubs (Iron Seats)	<b>914.00</b> 40506040	<b>951.00</b> 40508040	<b>1073.00</b> 40510040	<b>1337.00</b> 40512040	N/A	N/A	N/A
<b>Body</b> w/ CIP Hubs (Brass Seats)	<b>1313.00</b> 40406040	<b>1417.00</b> 40408040	<b>1606.00</b> 40410040	<b>1982.00</b> 40412040	N/A	N/A	N/A
<b>Packing Gland Assembly</b> (Includes body, bolts, nuts, packing, and gasket)	<b>182.00</b> 64506102	<b>182.00</b> 64506102	<b>182.00</b> 64506102	<b>205.00</b> 64512102	<b>205.00</b> 64512102	<b>205.00</b> 64512102	<b>299.00</b> 64516102
<b>Packing Gland Body</b>	<b>45.00</b> 64806102	<b>45.00</b> 64806102	<b>45.00</b> 64806102	<b>45.00</b> 64812102	<b>45.00</b> 64812102	<b>45.00</b> 64812102	<b>70.00</b> 64816102
<b>Packing Gland Nut</b>	<b>65.00</b> 64606102	<b>65.00</b> 64606102	<b>65.00</b> 64606102	<b>65.00</b> 64606102	<b>65.00</b> 64606102	<b>65.00</b> 64606102	<b>65.00</b> 64616102
<b>Packing Gland Packing</b> (3 pcs. per package)	<b>24.00</b> 43408040	<b>24.00</b> 43408040	<b>24.00</b> 43408040	<b>24.00</b> 43408040	<b>24.00</b> 43408040	<b>24.00</b> 43408040	<b>24.00</b> 43408040
<b>Packing Gland Gasket</b>	<b>9.00</b> 43506112	<b>9.00</b> 43506112	<b>9.00</b> 43506112	<b>17.00</b> 43512112	<b>17.00</b> 43512112	<b>17.00</b> 43512112	<b>17.00</b> 43512112
<b>Packing Gland Bolts</b>	<b>7.00</b> 2277	<b>7.00</b> 2277	<b>7.00</b> 2277	<b>7.00</b> 2277	<b>7.00</b> 2277	<b>7.00</b> 2277	<b>7.00</b> 2277
<b>Handwheel</b>	<b>139.00</b> 49512060	<b>139.00</b> 49512060	<b>139.00</b> 49512060	<b>139.00</b> 49512060	<b>139.00</b> 49512060	<b>139.00</b> 49512060	<b>148.00</b> 49512076
<b>Handwheel w/Spinner</b>	<b>164.00</b> 49512061	<b>164.00</b> 49512061	<b>164.00</b> 49512061	<b>164.00</b> 49512061	<b>164.00</b> 49512061	<b>164.00</b> 49512061	<b>172.00</b> 49512078
<b>Set Screws</b> (ea.)	<b>7.00</b> 1261	<b>7.00</b> 1261	<b>7.00</b> 1261	<b>7.00</b> 1261	<b>7.00</b> 1261	<b>7.00</b> 1261	<b>7.00</b> 1261
<b>Connector Stem Extension</b> (Coupling)	<b>46.00</b> 55500060	<b>46.00</b> 55500060	<b>46.00</b> 55500060	<b>46.00</b> 55500060	<b>46.00</b> 55500060	<b>46.00</b> 55500060	<b>51.00</b> 55500075
<b>Square Stock for Handle</b> (per ft.)	<b>13.00</b> 90058010	<b>13.00</b> 90058010	<b>13.00</b> 90058010	<b>13.00</b> 90058010	<b>13.00</b> 90058010	<b>13.00</b> 90058010	<b>17.00</b> 90034010
<b>Cover Cast Iron</b>	<b>272.00</b> 41006050	<b>287.00</b> 41008050	<b>307.00</b> 41010050	<b>315.00</b> 41012050	<b>347.00</b> 41014050	<b>347.00</b> 41014050	<b>363.00</b> 41016050
<b>Cover Perm. Bronze</b>	CALL FOR QUOTE 41406051	CALL FOR QUOTE 41408051	CALL FOR QUOTE 41410051	CALL FOR QUOTE 41412051	CALL FOR QUOTE 41414051	CALL FOR QUOTE 41414051	CALL FOR QUOTE 41416051
<b>2" SQ OP Nut</b> (5/8" Shaft for 6" to 14" Valves , 3/4" for 16")	<b>96.00</b> 49202060	<b>96.00</b> 49202060	<b>96.00</b> 49202060	<b>96.00</b> 49202060	<b>96.00</b> 49202060	<b>96.00</b> 49202060	<b>96.00</b> 49203075

Notes: 1 Type 4 is designed for Low Head pipe.

  = Recommended Rebuild Parts

# H-30 LINE GATES PARTS

PART	GATE SIZE					
	18"	20"	20" x 21"	24"	30"	36"
<b>Bonnet</b>	<b>497.00</b> 42018102	<b>1138.00</b> 42020102	<b>1138.00</b> 42020102	<b>2251.00</b> 42024102	<b>4068.00</b> 42030102	<b>8261.00</b> 42036102
<b>Bonnet Gasket</b>	<b>61.00</b> 43518102	<b>134.00</b> 43520102	<b>134.00</b> 43520102	<b>148.00</b> 43524102	<b>278.00</b> 43530102	<b>304.00</b> 43536102
<b>Bonnet Bolts</b> (Set of bolts and nuts)	<b>80.00</b> 80806150	<b>80.00</b> 80807150	<b>80.00</b> 80807150	<b>80.00</b> 80808150	<b>80.00</b> 80809150	<b>80.00</b> 80809150
<b>Arch</b>	<b>288.00</b> 71102250002	<b>306.00</b> 71102280002	<b>306.00</b> 71102280002	<b>875.00</b> 71111010002	<b>1287.00</b> 71114740002	<b>1629.00</b> 71119000002
<b>Stainless Screw (Stem) w/ Collar Double Lead</b>	<b>355.00</b> 42718103	<b>615.00</b> 42720103	<b>439.00</b> 42720103	<b>615.00</b> 42720103	<b>2022.00</b> 42730103	<b>2340.00</b> 42736103
<b>Brass Screw Nut (Thrust Nut) Double Lead</b> (single lead 24" and larger)	<b>90.00</b> 42116103	<b>221.00</b> 42120103	<b>221.00</b> 42120103	<b>675.00</b> 42124102	<b>675.00</b> 42124102	<b>675.00</b> 42124102
<b>Body</b> Cast Iron w/ Hub Ends	<b>2215.00</b> 40518020	<b>2509.00</b> 40520020	Call For Quote	<b>5516.00</b> 40524020	<b>10526.00</b> 40530020	Call For Quote
<b>Body</b> w/ Type 4 Spigots1 (Iron Seats)	<b>3183.00</b> 40518060	<b>2669.00</b> 40520060	Call For Quote	N/A	N/A	N/A
<b>Body</b> w/ Flanged Ends (Iron Seats)	<b>4167.00</b> 40518080	<b>5565.00</b> 40520080	Call For Quote	<b>9072.00</b> 40524080	<b>17696.00</b> 40530080	<b>24751.00</b> 40536080
<b>Packing Gland Assembly</b> (Includes body, nuts, bolts, packing, and gasket)	<b>299.00</b> 64516102	<b>299.00</b> 64520102	<b>299.00</b> 64520102	<b>374.00</b> 64524102	<b>374.00</b> 64524102	<b>374.00</b> 64536102
<b>Packing Gland Body</b>	<b>70.00</b> 64816102	<b>118.00</b> 64820102	<b>118.00</b> 64820102	<b>200.00</b> 64824102	<b>317.00</b> 64824102	<b>317.00</b> 64836102
<b>Packing Gland Nut</b>	<b>156.00</b> 64616102	<b>301.00</b> 64620102	<b>301.00</b> 64620102	N/A	N/A	N/A
<b>Packing Gland Packing</b> (3 pcs. per package)	<b>24.00</b> 43408040	<b>24.00</b> 43408040	<b>24.00</b> 43408040	<b>70.00</b> 43415050	<b>70.00</b> 43415050	<b>70.00</b> 43415050
<b>Packing Gland Gasket</b>	<b>17.00</b> 43512112	<b>87.00</b> 43520112	<b>87.00</b> 43520112	<b>87.00</b> 43524112	<b>87.00</b> 43524112	<b>87.00</b> 43536112
<b>Packing Gland Bolts</b>	<b>7.00</b> 2277	<b>8.00</b> 2041	<b>8.00</b> 2041	<b>9.00</b> 2048	<b>9.00</b> 2048	<b>9.00</b> 2048
<b>Handwheel</b>	<b>148.00</b> 49512076	<b>185.00</b> 49518131	<b>185.00</b> 49518131	<b>185.00</b> 49518131	<b>269.00</b> 49524132	<b>340.00</b> 49530126
<b>Handwheel w/ Spinner</b>	<b>172.00</b> 49512078	<b>254.00</b> 49518132	<b>254.00</b> 49518132	N/A	N/A	N/A
<b>Set Screws</b> (ea.)	<b>7.00</b> 1261	<b>7.00</b> 1261	<b>7.00</b> 1261	<b>7.00</b> 1261	<b>7.00</b> 1261	<b>7.00</b> 1261
<b>Connector Stem Extension</b> (Coupling)	<b>51.00</b> 55500075	<b>104.00</b> 55500080	<b>104.00</b> 55500080	<b>120.00</b> 55500125	<b>120.00</b> 55500125	<b>120.00</b> 55500125
<b>Square Stock for Handle</b> (per ft.)	<b>17.00</b> 90034010	<b>18.00</b> 90078010	<b>18.00</b> 90078010	<b>64.00</b> 211000008	<b>64.00</b> 211000008	<b>64.00</b> 211000008
<b>Cover - Cast Iron</b>	<b>489.00</b> 41018050	<b>818.00</b> 41020050	<b>818.00</b> 41020050	<b>1395.00</b> 41024050	<b>2844.00</b> 41030050	<b>7643.00</b> 41036050
<b>Cover - Perm. Bronze</b>	CALL FOR QUOTE 41418051	CALL FOR QUOTE 41420051	CALL FOR QUOTE 41420051	CALL FOR QUOTE 41424051	CALL FOR QUOTE 41430051	CALL FOR QUOTE 41436051
<b>2" SQ OP Nut</b> (3/4" sq shaft for 18", 7/8" square for 20")	<b>96.00</b> 49203075	<b>96.00</b> 49202875	<b>96.00</b> 49202875	<b>96.00</b> 49202125	<b>96.00</b> 49202125	<b>96.00</b> 49202125
<b>Spinner Knob Assembly</b>	<b>106.00</b> 49500100	<b>106.00</b> 49500100	<b>106.00</b> 49500100	<b>106.00</b> 49500100	<b>106.00</b> 49500100	<b>106.00</b> 49500100

**Recommended Rebuild Parts**

H-30 LINE GATE PARTS

# RESILIENT SEATED WAFER-STYLE BUTTERFLY VALVE

WBV BUTTERFLY VALVES



## Lever Operated

Model	Size	List Price
GSTL102099998	2	179.00
GSTL102599998	2.5"	189.00
GSTL103099998	3"	217.00
GSTL104099998	4"	292.00
GSTL105099998	5"	361.00
GSTL106099998	6"	452.00
GSTL108099998	8"	772.00
GSTL110099998	10"	1272.00



## Gear Operated with Handwheel

Model	Size	List Price
GSTL102099997	2"	268.00
GSTL102599997	2".5	278.00
GSTL103099997	3"	306.00
GSTL104099997	4"	381.00
GSTL105099997	5"	450.00
GSTL106099997	6"	541.00
GSTL108099997	8"	888.00
GSTL110099997	10"	1388.00
GSTL112099997	12"	1729.00
GSTL114099997	14"	2510.00
GSTL116099997	16"	3435.00
GSTL118099997	18"	4654.00
GSTL120099997	20"	6454.00
GSTL124099997	24"	9717.00
GSTL128099997	30"	18786.00
GSTL132099997	32"	18786.00
GSTL136099997	36"	25555.00



# F-10 CAST IRON FLAP GATE



F-10

## CAST IRON FLAP GATES—F-10 "RED TOP" SERIES

Flap gates permit the free outflow of water from a pipe or structure while preventing and sealing against backflow. They are applied in reservoirs, tidal basins, ponding basins, waste lines, pump stands and storm drain systems. It is rated for a seating head of up to 10 feet.

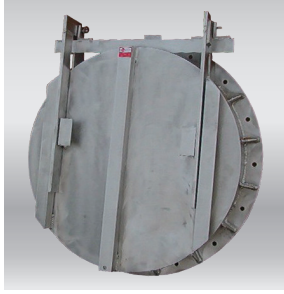
### KEY FEATURES:

- Frame and cover of heavy-duty cast iron.
- Galvanized steel angle links balance pivoted on bronze bushings.
- Built-in "Safety Bar" prevents sticking.
- 5 degree seat on sizes to 24", 2.5 degree seat on larger sizes allows for closure and compensates for piping irregularities.

GATE SIZE	FOR WALL MOUNT		FOR CORRUGATED METAL PIPE		FOR CONCRETE PIPE		HDPE ADAPTER, ADDS TO FLATBACK
	WT. (LBS.)	FLATBACK	WT. (LBS.)	CMP SPIGOTBACK	WT. (LBS.)	FLATBACK W/ TAPER SETTING COLLAR	
4"	9	<b>397.00</b> F10F-04	18	<b>544.00</b> F10S-04		N/A	N/A
6"	11	<b>485.00</b> F10F-06	21	<b>551.00</b> F10S-06	18	<b>604.00</b> F10F-06-TSC	<b>297.00</b> 15006100
8"	23	<b>518.00</b> F10F-08	32	<b>578.00</b> F10S-08	27	<b>772.00</b> F10F-08-TSC	<b>369.00</b> 15008100
10"	43	<b>609.00</b> F10F-10	56	<b>603.00</b> F10S-10	52	<b>907.00</b> F10F-10-TSC	<b>393.00</b> 15010100
12"	50	<b>654.00</b> F10F-12	64	<b>702.00</b> F10S-12	57	<b>834.00</b> F10F-12-TSC	<b>405.00</b> 15012100
14"	55	<b>907.00</b> F10F-14	69	<b>924.00</b> F10S-14	65	<b>1118.00</b> F10F-14-TSC	<b>411.00</b> 15014100
15"	59	<b>913.00</b> F10F-15	75	<b>931.00</b> F10S-15	69	<b>1103.00</b> F10F-15-TSC	<b>424.00</b> 15015100
16"	75	<b>1329.00</b> F10F-16	92	<b>1390.00</b> F10S-16	88	<b>1604.00</b> F10F-16-TSC	<b>424.00</b> 15016100
18"	93	<b>1431.00</b> F10F-18	106	<b>1476.00</b> F10S-18	100	<b>1631.00</b> F10F-18-TSC	<b>424.00</b> 15018100
20"	110	<b>1508.00</b> F10F-20	129	<b>1715.00</b> F10S-20	122	<b>1776.00</b> F10F-20-TSC	<b>492.00</b> 15020100
21"	115	<b>1527.00</b> F10F-21	140	<b>1842.00</b> F10S-21	130	<b>2174.00</b> F10F-21-TSC	<b>665.00</b> 15021100
24"	155	<b>1895.00</b> F10F-24	183	<b>2127.00</b> F10S-24	170	<b>2362.00</b> F10F-24-TSC	<b>725.00</b> 15024100
30"	300	<b>2871.00</b> F10F-30	338	<b>3219.00</b> F10S-30	325	<b>3484.00</b> F10F-30-TSC	<b>1118.00</b> 15030100
36"	430	<b>3323.00</b> F10F-36	490	<b>3743.00</b> F10S-36	465	<b>5452.00</b> F10F-36-TSC	<b>1340.00</b> 15036100
42"	565	<b>6978.00</b> F10F-42	650	<b>7389.00</b> F10S-42	600	<b>8091.00</b> F10F-42-TSC	<b>1401.00</b> 15042100
48"	720	<b>8093.00</b> F10F-48	800	<b>8717.00</b> F10S-48	760	<b>9118.00</b> F10F-48-TSC	<b>1932.00</b> 15048100
54"	1,135	<b>11759.00</b> F10F-54	1,129	<b>12317.00</b> F10S-54	1,200	N/A	<b>Call for Quote</b> 47854100
60"	1,900	<b>12519.00</b> F10F-60	2,100	<b>14007.00</b> F10S-60	2,010	N/A	<b>Call for Quote</b> 47860100
72"	2,480	<b>18480.00</b> F10F-72	2,680	<b>21132.00</b> F10S-72	2,580	N/A	<b>Call for Quote</b> 47872100

Notes: HDPE adapters can be made to fit most pipes-provide pipe specifications when placing order.

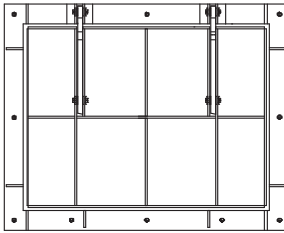
F-10 FLAP GATE



AF-41



SSF-41



## ROUND FLAP GATES—AF-41 SERIES (ALUMINUM) SSF-41 SERIES (STAINLESS STEEL)

Our AF-41 and SSF-41 gates are inherently corrosion-resistant and rust-proof automatic drainage gates. They are commonly used with aluminum corrugated pipe, plastic or HDPE. Models are also available for flange and wall mounting. This design prevents electrolysis associated with cast iron gates to aluminum pipe connections. The rugged J-bulb neoprene adjustable seats provide excellent sealing against return flow. Part numbers for standard sizes are shown in the table. Pricing on application. Custom models available 96" and larger, call for quotation.

See price table on page 39

## SQUARE FLAPGATES: AF-43 SERIES (ALUMINUM) SSF-43 SERIES (STAINLESS STEEL)

### KEY FEATURES:

- Part numbers shown for standard sizes. Custom sizes on request.
- Seating Heads up to 10 feet (Can be custom Engineered for higher head pressures upon request)
- Neoprene Seat for Minimum Leakage

### AF-43 & SSF-43 Fabricated Square Flap Gates - Standard "Stock" Sizes

Size	Wall Mount AF-43 (Aluminum)	Wall Mount SSF-43 (304 Stainless)	Wall Mount SSF-43 (316 Stainless)
12" X 12"	<b>3961.00</b> AF43-12x12	<b>4313.00</b> SSF43-12x12-304	<b>4750.00</b> SSF43-12x12-316
18" X 18"	<b>4194.00</b> AF43-18x18	<b>4837.00</b> SSF43-18x18-304	<b>5449.00</b> SSF43-18x18-316
24" X 24"	<b>4455.00</b> AF43-24x24	<b>5421.00</b> SSF43-24x24-304	<b>6225.00</b> SSF43-24x24-316
30" X 30"	<b>5278.00</b> AF43-30x30	<b>6604.00</b> SSF43-30x30-304	<b>7616.00</b> SSF43-30x30-316
36" X 36"	<b>5796.00</b> AF43-36x36	<b>8560.00</b> SSF43-36x36-304	<b>9142.00</b> SSF43-36x36-316
42" X 42"	<b>6210.00</b> AF43-42x42	<b>9669.00</b> SSF43-42x42-304	<b>10432.00</b> SSF43-42x42-316
48" X 48"	<b>7293.00</b> AF43-48x48	<b>11490.00</b> SSF43-48x48-304	<b>12467.00</b> SSF43-48x48-316
54" X 54"	<b>8483.00</b> AF43-54x54	<b>13824.00</b> SSF43-54x54-304	<b>15101.00</b> SSF43-54x54-316
60" X 60"	<b>10584.00</b> AF43-60x60	<b>17795.00</b> SSF43-60x60-304	<b>19758.00</b> SSF43-60x60-316

Note: POA = Price on Application.

# FABRICATED FLAP GATES

GATE SIZE	AF-41 ALUMINUM			SSF-41 304 STAINLESS STEEL			SSF-41 316 STAINLESS STEEL		
	SPIGOT BACK	FLAT BACK	FLANGE BACK	SPIGOT BACK	FLAT BACK	FLANGE BACK	SPIGOT BACK	FLAT BACK	FLANGE BACK
8"	<b>3747.00</b> AF41S-08	<b>4389.00</b> AF41F-08	<b>4407.00</b> AF41FLG-08	<b>4216.00</b> SSF41S-08-SS304	<b>4950.00</b> SSF41F-08-SS304	<b>4892.00</b> SSF41FLG-08-SS304	<b>4343.00</b> SSF41S-08-SS316	<b>5113.00</b> SSF41F-08-SS316	<b>5342.00</b> SSF41FLG-08-SS316
10"	<b>3825.00</b> AF41S-10	<b>4485.00</b> AF41F-10	<b>4515.00</b> AF41FLG-10	<b>4442.00</b> SSF41S-10-SS304	<b>5215.00</b> SSF41F-10-SS304	<b>5244.00</b> SSF41FLG-10-SS304	<b>4609.00</b> SSF41S-10-SS316	<b>5426.00</b> SSF41F-10-SS316	<b>5759.00</b> SSF41FLG-10-SS316
12"	<b>3936.00</b> AF41S-12	<b>4614.00</b> AF41F-12	<b>4673.00</b> AF41FLG-12	<b>4514.00</b> SSF41S-12-SS304	<b>5329.00</b> SSF41F-12-SS304	<b>5474.00</b> SSF41FLG-12-SS304	<b>4744.00</b> SSF41S-12-SS316	<b>5612.00</b> SSF41F-12-SS316	<b>6126.00</b> SSF41FLG-12-SS316
14"	<b>4043.00</b> AF41S-14	<b>4740.00</b> AF41F-14	<b>4806.00</b> AF41FLG-14	<b>4818.00</b> SSF41S-14-SS304	<b>5674.00</b> SSF41F-14-SS304	<b>5865.00</b> SSF41FLG-14-SS304	<b>5059.00</b> SSF41S-14-SS316	<b>5978.00</b> SSF41F-14-SS316	<b>6572.00</b> SSF41FLG-14-SS316
15"	<b>4098.00</b> AF41S-15	<b>4807.00</b> AF41F-15	<b>4879.00</b> AF41FLG-15	<b>4905.00</b> SSF41S-15-SS304	<b>5787.00</b> SSF41F-15-SS304	<b>6007.00</b> SSF41FLG-15-SS304	<b>5162.00</b> SSF41S-15-SS316	<b>6113.00</b> SSF41F-15-SS316	<b>6751.00</b> SSF41FLG-15-SS316
16"	<b>4156.00</b> AF41S-16	<b>4880.00</b> AF41F-16	<b>4969.00</b> AF41FLG-16	<b>5000.00</b> SSF41S-16-SS304	<b>5531.00</b> SSF41F-16-SS304	<b>6217.00</b> SSF41FLG-16-SS304	<b>5276.00</b> SSF41S-16-SS316	<b>6257.00</b> SSF41F-16-SS316	<b>7018.00</b> SSF41FLG-16-SS316
18"	<b>4850.00</b> AF41S-18	<b>5595.00</b> AF41F-18	<b>5680.00</b> AF41FLG-18	<b>5762.00</b> SSF41S-18-SS304	<b>6720.00</b> SSF41F-18-SS304	<b>7002.00</b> SSF41FLG-18-SS304	<b>6073.00</b> SSF41S-18-SS316	<b>7115.00</b> SSF41F-18-SS316	<b>7889.00</b> SSF41FLG-18-SS316
20"	<b>4955.00</b> AF41S-20	<b>5722.00</b> AF41F-20	<b>5832.00</b> AF41FLG-20	<b>6159.00</b> SSF41S-20-SS304	<b>7168.00</b> SSF41F-20-SS304	<b>7569.00</b> SSF41FLG-20-SS304	<b>6551.00</b> SSF41S-20-SS316	<b>7656.00</b> SSF41F-20-SS316	<b>8613.00</b> SSF41FLG-20-SS316
21"	<b>5040.00</b> AF41S-21	<b>5822.00</b> AF41F-21	<b>5904.00</b> AF41FLG-21	<b>6306.00</b> SSF41S-21-SS304	<b>7346.00</b> SSF41F-21-SS304	<b>7639.00</b> SSF41FLG-21-SS304	<b>6732.00</b> SSF41S-21-SS316	<b>7873.00</b> SSF41F-21-SS316	<b>8701.00</b> SSF41FLG-21-SS316
24"	<b>5234.00</b> AF41S-24	<b>6165.00</b> AF41F-24	<b>6411.00</b> AF41FLG-24	<b>6995.00</b> SSF41S-24-SS304	<b>8510.00</b> SSF41F-24-SS304	<b>9347.00</b> SSF41FLG-24-SS304	<b>7368.00</b> SSF41S-24-SS316	<b>9109.00</b> SSF41F-24-SS316	<b>10769.00</b> SSF41FLG-24-SS316
30"	<b>5741.00</b> AF41S-30	<b>6775.00</b> AF41F-30	<b>7145.00</b> AF41FLG-30	<b>8178.00</b> SSF41S-30-SS304	<b>9982.00</b> SSF41F-30-SS304	<b>11319.00</b> SSF41FLG-30-SS304	<b>8970.00</b> SSF41S-30-SS316	<b>11071.00</b> SSF41F-30-SS316	<b>13490.00</b> SSF41FLG-30-SS316
36"	<b>6706.00</b> AF41S-36	<b>7856.00</b> AF41F-36	<b>8421.00</b> AF41FLG-36	<b>9657.00</b> SSF41S-36-SS304	<b>11783.00</b> SSF41F-36-SS304	<b>13883.00</b> SSF41FLG-36-SS304	<b>10688.00</b> SSF41S-36-SS316	<b>13191.00</b> SSF41F-36-SS316	<b>13490.00</b> SSF41FLG-36-SS316
42"	<b>7766.00</b> AF41S-42	<b>8720.00</b> AF41F-42	<b>9751.00</b> AF41FLG-42	<b>12692.00</b> SSF41S-42-SS304	<b>14248.00</b> SSF41F-42-SS304	<b>16939.00</b> SSF41FLG-42-SS304	<b>14610.00</b> SSF41S-42-SS316	<b>16398.00</b> SSF41F-42-SS316	<b>20880.00</b> SSF41FLG-42-SS316
48"	<b>9775.00</b> AF41S-48	<b>11156.00</b> AF41F-48	<b>12023.00</b> AF41FLG-48	<b>16592.00</b> SSF41S-48-SS304	<b>18283.00</b> SSF41F-48-SS304	<b>21472.00</b> SSF41FLG-48-SS304	<b>19257.00</b> SSF41S-48-SS316	<b>21214.00</b> SSF41F-48-SS316	<b>26613.00</b> SSF41FLG-48-SS316
54"	<b>11006.00</b> AF41S-54	<b>12040.00</b> AF41F-54	<b>13582.00</b> AF41FLG-54	<b>19863.00</b> SSF41S-54-SS304	<b>22243.00</b> SSF41F-54-SS304	<b>25607.00</b> SSF41FLG-54-SS304	<b>23429.00</b> SSF41S-54-SS316	<b>26208.00</b> SSF41F-54-SS316	<b>32135.00</b> SSF41FLG-54-SS316
60"	<b>14444.00</b> AF41S-60	<b>15528.00</b> AF41F-60	<b>15528.00</b> AF41FLG-60	<b>27104.00</b> SSF41S-60-SS304	<b>29685.00</b> SSF41F-60-SS304	<b>33617.00</b> SSF41FLG-60-SS304	<b>31289.00</b> SSF41S-60-SS316	<b>34316.00</b> SSF41F-60-SS316	<b>41470.00</b> SSF41FLG-60-SS316
66"	<b>15278.00</b> AF41S-66	<b>16411.00</b> AF41F-66	<b>16411.00</b> AF41FLG-66	<b>29397.00</b> SSF41S-66-SS304	<b>32182.00</b> SSF41F-66-SS304	<b>37178.00</b> SSF41FLG-66-SS304	<b>34172.00</b> SSF41S-66-SS316	<b>37449.00</b> SSF41F-66-SS316	<b>46179.00</b> SSF41FLG-66-SS316
72"	<b>17130.00</b> AF41S-72	<b>18311.00</b> AF41F-72	<b>18311.00</b> AF41FLG-72	<b>40350.00</b> SSF41S-72-SS304	<b>43334.00</b> SSF41F-72-SS304	<b>51076.00</b> SSF41FLG-72-SS304	<b>47389.00</b> SSF41S-72-SS316	<b>50911.00</b> SSF41F-72-SS316	<b>63992.00</b> SSF41FLG-72-SS316
84"	<b>19931.00</b> AF41S-84	<b>21355.00</b> AF41F-84	<b>21355.00</b> AF41FLG-84	<b>47874.00</b> SSF41S-84-SS304	<b>56100.00</b> SSF41F-84-SS304	<b>65479.00</b> SSF41FLG-84-SS304	<b>62083.00</b> SSF41S-84-SS316	<b>66995.00</b> SSF41F-84-SS316	<b>83165.00</b> SSF41FLG-84-SS316

**Notes:** Part number for flanged back assumes 125 lb. ANSI drilling  
For spigot (end of pipe, non-flanged mounting) specify pipe type: Corrugated Metal, Concrete, PVC type, or HDPE.

# PF-25 FLANGEBACK AND PF-25W COMPRESSION FLAP VALVE



PF-25F

GATE SIZE	PF-25F FLANGEBACK (125# DRILLING)	
	IRON COVER / NEOPRENE SEAT	WT. (LBS.)
4"	<b>364.00</b> PF25F-04	20
6"	<b>433.00</b> PF25F-06	36
8"	<b>500.00</b> PF25F-08	48
10"	<b>744.00</b> PF25F-10	68
12"	<b>744.00</b> PF25F-12	176
14"	<b>1467.00</b> PF25F-14	130
16"	<b>2288.00</b> PF25F-16	145
18"	<b>2373.00</b> PF25F-18	181
20"	<b>4167.00</b> PF25F-20	245
24"	<b>5978.00</b> PF25F-24	360



PF-25W

GATE SIZE	PF-25W COMPRESSION BODY, IRON COVER W/ NEOPRENE SEAT			
	WT. (LBS.)	W/ I.D. GASKET <sup>1</sup>	W/ O.D. GASKET <sup>2</sup>	W/ SDR GASKET
4"	13	<b>327.00</b> PF25W-04-ID	<b>327.00</b> PF25W-04-OD	<b>327.00</b> PF25W-04-SDR
6"	19	<b>375.00</b> PF25W-06-ID	<b>375.00</b> PF25W-06-OD	<b>375.00</b> PF25W-06-SDR
8"	21	<b>404.00</b> PF25W-08-ID	<b>404.00</b> PF25W-08-OD	<b>404.00</b> PF25W-08-SDR
10"	27	<b>498.00</b> PF25W-10-ID	<b>498.00</b> PF25W-10-OD	<b>498.00</b> PF25W-10-SDR
12"	44	<b>636.00</b> PF25W-12-ID	<b>636.00</b> PF25W-12-OD	<b>636.00</b> PF25W-12-SDR
14"	62	<b>796.00</b> PF25W-14-ID	N/A	<b>796.00</b> PF25W-14-SDR

Notes: <sup>1</sup> I.D. Gasket is for IPS Pipe or Schedule 40 PVC <sup>2</sup> O.D. Gasket is for PIP Pipe 80# or 100#.

Model PF-25W not compatible with Ductile Pipe, must flange pipe and use PF-25F

PART	GATE SIZE									
	4"	6"	8"	10"	12"	14"	16"	18"	20"	24"
<b>Cover - Neoprene Seat</b>	<b>19700</b> 41204064	<b>262.00</b> 41206064	<b>345.00</b> 41208064	<b>423.00</b> 41210064	<b>510.00</b> 41212064	<b>603.00</b> 41214064	<b>1164.00</b> 41216064	<b>2047</b> 41218064	<b>1980.00</b> 41220064	<b>2631.00</b> 41224064
<b>Packing Cover Only</b>	<b>32.00</b> 43504066	<b>45.00</b> 43506066	<b>45.00</b> 43508066	<b>49.00</b> 43510066	<b>51.00</b> 43512066	<b>58.00</b> 43514066	<b>82.00</b> 43516066			
<b>Follow Ring</b>	<b>27.00</b> 58504066	<b>49.00</b> 58506066	<b>50.00</b> 58508066	<b>58.00</b> 58510066	<b>95.00</b> 58512066	<b>145.00</b> 58514066	N/A	N/A	N/A	N/A
<b>Ring Bolts (ea.)</b>	<b>8.00</b> 80802250	<b>8.00</b> 80803250	<b>8.00</b> 80803250	<b>8.00</b> 80803250	<b>8.00</b> 80803250	<b>8.00</b> 80803250	N/A	N/A	N/A	N/A
<b>Hinge Pin Assembly</b>	<b>30.00</b> 82605510	<b>33.00</b> 82605698	<b>36.00</b> 82605860	<b>38.00</b> 82651098	<b>41.00</b> 82651148	<b>50.00</b> 82651335	<b>54.00</b> 82651510	<b>60.00</b> 82661660	<b>64.00</b> 82661860	<b>80.00</b> 82681910
<b>Pipe Seal Gaskets - I.D. Size (ea.)</b>	<b>33.00</b> 43504010	<b>38.00</b> 43506010	<b>39.00</b> 43508010	<b>41.00</b> 43510010	<b>54.00</b> 43512010	<b>55.00</b> 43514010	N/A	N/A	N/A	N/A
<b>Pipe Seal Gaskets - O.D. Size (ea.)</b>	<b>32.00</b> 43504020	<b>36.00</b> 43506020	<b>38.00</b> 43508020	<b>39.00</b> 43510020	<b>50.00</b> 43512020	<b>55.00</b> 43514020	N/A	N/A	N/A	N/A

PF-25 PF-25W VALVES

# RED TOP OVERFLOW VALVES

VALVE SIZE	PIPE STYLE	WT. (LBS.)	VEE THREAD STAINLESS STEEL SCREW	ACME THREAD STAINLESS STEEL SCREW
3 1/2"	CONCRETE	3	<b>40.00</b> RT-035-CONC-V-SST	N/A
	TYPE 4 (EPOXY)		N/A	N/A
	IPS (SOLVENT)		N/A	N/A
	PIP (SOLVENT)		N/A	N/A
4"	TYPE 4 (EPOXY)	3.5	<b>52.00</b> RT-04-T4-V-SST	N/A
	IPS (SOLVENT)	3	<b>102.00</b> RT-04-IPS-V-SST	N/A
6"	CONCRETE	6.5	<b>82.00</b> RT-06-CONC-V-SST	<b>82.00</b> RT-06-CONC-A-SST
	TYPE 4 (EPOXY)	7	<b>98.00</b> RT-06-T4-V-SST	<b>98.00</b> RT-06-T4-A-SST
	IPS (SOLVENT)	8	<b>138.00</b> RT-06-IPS-V-SST	<b>138.00</b> RT-06-IPS-A-SST
	PIP (SOLVENT)	8	<b>138.00</b> RT-06-PIP-V-SST	<b>138.00</b> RT-06-PIP-A-SST
8"	CONCRETE	10	<b>110.00</b> RT-08-CONC-V-SST	<b>110.00</b> RT-08-CONC-A-SST
	TYPE 4 (EPOXY)	10	<b>118.00</b> RT-08-T4-V-SST	<b>118.00</b> RT-08-T4-A-SST
	IPS (SOLVENT)	13	<b>173.00</b> RT-08-IPS-V-SST	<b>173.00</b> RT-08-IPS-A-SST
	PIP (SOLVENT)	13	<b>173.00</b> RT-08-PIP-V-SST	<b>173.00</b> RT-08-PIP-A-SST
10"	CONCRETE	15	<b>143.00</b> RT-10-CONC-V-SST	<b>143.00</b> RT-10-CONC-A-SST
	TYPE 4 (EPOXY)	15	<b>162.00</b> RT-10-T4-V-SST	<b>162.00</b> RT-10-T4-A-SST
	IPS (SOLVENT)	20	<b>243.00</b> RT-10-IPS-V-SST	<b>243.00</b> RT-10-IPS-A-SST
	PIP (SOLVENT)	20	<b>243.00</b> RT-10-PIP-V-SST	<b>243.00</b> RT-10-PIP-A-SST
12"	CONCRETE	21	<b>198.00</b> RT-12-CONC-V-SST	<b>198.00</b> RT-12-CONC-A-SST
	TYPE 4 (EPOXY)	21	<b>229.00</b> RT-12-T4-V-SST	<b>229.00</b> RT-12-T4-A-SST
	IPS (SOLVENT)	27	<b>281.00</b> RT-12-IPS-V-SST	<b>281.00</b> RT-12-IPS-A-SST
	PIP (SOLVENT)	27	<b>281.00</b> RT-12-PIP-V-SST	<b>281.00</b> RT-12-PIP-A-SST
15" x 14"	TYPE 4 (EPOXY)		<b>297.00</b> RT-1514-T4-V-SST	<b>297.00</b> RT-1514-T4-A-SST
	PIP (SOLVENT)		N/A	<b>394.00</b> RT-1514-PIP-A-SST
18" (Brass Stems)	TYPE 4 (EPOXY)		N/A	<b>590.00</b> RT-18-T4-A-BRS
20" x 21"	TYPE 4		N/A	<b>706.00</b> RT-2120-T4-A-BRS

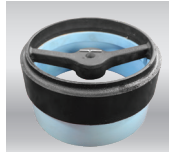
Notes: Type 4 is designed for Low Head 100 ft. PIP pipe. Bronze Screw available--Call for Quote



Concrete



Type 4  
(Plastic Pipe, Epoxy Fit)



Solvent Weld (IPS/PIP)



Water dispersal Red Top

# RED TOP OVERFLOW VALVES REPLACEMENT PARTS

PART	VALVE SIZE						
	3 1/2"	4"	5"	5" x 6"	6"	6 1/2"	8"
<b>Frame - Concrete Pipe</b> Vee Thread	<b>109.00</b> 40003003	<b>110.00</b> 40004003	<b>124.00</b> 40005003	N/A	<b>137.00</b> 40006003	<b>142.00</b> 40007003	<b>147.00</b> 40008003
<b>Frame - Concrete Pipe</b> Acme Thread	N/A	N/A	N/A	N/A	<b>137.00</b> 40006013	<b>142.00</b> 40007013	<b>147.00</b> 40008013
<b>Frame - Type 4 Pipe (Epoxy)</b> Vee Thread	N/A	<b>110.00</b> 40004004	<b>124.00</b> 40005004	<b>124.00</b> 40005004	<b>137.00</b> 40006004	N/A	<b>147.00</b> 40008004
<b>Frame - Type 4 Pipe (Epoxy)</b> Acme Thread	N/A	N/A	N/A	N/A	<b>137.00</b> 40006014	N/A	<b>147.00</b> 40008014
<b>Frame - IPS (Solvent)</b> Vee Thread	N/A	<b>130.00</b> 40304003	N/A	N/A	<b>152.00</b> 40306005	N/A	<b>178.00</b> 40308004
<b>Frame - IPS (Solvent)</b> Acme Thread	N/A	N/A	N/A	N/A	<b>152.00</b> 40306004	N/A	<b>178.00</b> 40308003
<b>Frame - PIP (Solvent)</b> Vee Thread	N/A	N/A	N/A	N/A	<b>152.00</b> 40306007	N/A	<b>178.00</b> 40308007
<b>Frame - PIP (Solvent)</b> Acme Thread	N/A	N/A	N/A	N/A	<b>152.00</b> 40306006	N/A	<b>178.00</b> 40308005
<b>Cover Complete - Vee Thread, Stainless Steel</b> (Includes Cover, Gasket, & Screw Complete)	<b>60.00</b> 41503003	<b>60.00</b> 41504004	<b>64.00</b> 41505004	<b>64.00</b> 41505004	<b>74.00</b> 41506002	<b>93.00</b> 41507002	<b>93.00</b> 41508002
<b>Cover Complete - Acme Thread, Stainless Steel</b> (Includes Cover, Gasket, & Screw Complete)	N/A	N/A	N/A	N/A	<b>74.00</b> 41506011	<b>93.00</b> 41507011	<b>93.00</b> 41508015
<b>Cover Packed</b>	<b>28.00</b> 41203001	<b>28.00</b> 41204001	<b>32.00</b> 41205001	<b>30.00</b> 41205001	<b>34.00</b> 41206001	<b>63.00</b> 41207001	<b>63.00</b> 41208001
<b>Packing Gasket</b>	<b>4.00</b> 43503001	<b>4.00</b> 43504001	<b>12.00</b> 43505001	<b>11.00</b> 43505001	<b>11.00</b> 43506001	<b>11.00</b> 43507001	<b>11.00</b> 43508001
<b>Screw Complete - Vee Thread, Stainless Steel</b> (Includes Screw, Nut, & Washer)	<b>29.00</b> 43005004	<b>29.00</b> 43005004	<b>34.00</b> 43005005	<b>32.00</b> 43005005	<b>34.00</b> 43006002	<b>34.00</b> 43006002	<b>34.00</b> 43006002
<b>Screw Complete - Acme Thread, Stainless Steel</b> (Includes Screw, Nut, & Washer)	N/A	N/A	N/A	N/A	<b>34.00</b> 43006011	<b>34.00</b> 43006011	<b>34.00</b> 43006011
<b>Screw Only - Stainless Steel</b> Vee Thread	<b>18.00</b> 42505006	<b>18.00</b> 42505006	<b>23.00</b> 42505004	<b>21.00</b> 42505004	<b>30.00</b> 42506002	<b>30.00</b> 42506002	<b>30.00</b> 42506002
<b>Screw Only - Stainless Steel</b> Acme Thread	N/A	N/A	N/A	N/A	<b>30.00</b> 42506011	<b>30.00</b> 42506011	<b>30.00</b> 42506011
<b>Screw Only - Bronze</b> Vee Thread	<b>19.00</b> 42505001	<b>19.00</b> 42505001	<b>24.00</b> 42505002	<b>24.00</b> 42505002	<b>32.00</b> 42506001	<b>32.00</b> 42506001	<b>32.00</b> 42506001
<b>Screw Only - Bronze</b> Acme Thread	N/A	N/A	N/A	N/A	<b>32.00</b> 42506010	<b>32.00</b> 42506010	<b>32.00</b> 42506010
<b>Cover Nut - Vee Thread</b>	<b>7.00</b> 80205001	<b>7.00</b> 80205001	<b>7.00</b> 80205001	<b>7.00</b> 80205001	<b>7.00</b> 80206001	<b>7.00</b> 80206001	<b>7.00</b> 80206001
<b>Cover Nut - Acme Thread</b>	N/A	N/A	N/A	N/A	<b>7.00</b> 80206010	<b>7.00</b> 80206010	<b>7.00</b> 80206010
<b>UHMW Washer</b>	<b>4.00</b> 81805001	<b>4.00</b> 81805001	<b>4.00</b> 81805001	<b>4.00</b> 81805001	<b>4.00</b> 81806001	<b>4.00</b> 81806001	<b>4.00</b> 81806001
<b>Frame Nut - IPS / PIP (Solvent)</b> Vee Thread	N/A	<b>4.00</b> 57500090	N/A	N/A	<b>7.00</b> 57500096	N/A	<b>8.00</b> 57500096
<b>Frame Nut - IPS / PIP (Solvent)</b> Acme Thread	N/A	<b>4.00</b>	N/A	N/A	<b>8.00</b> 57500091	N/A	<b>13.00</b> 57500091
<b>Security Pin - IPS / PIP (Solvent)</b>	N/A	<b>1.00</b> 2673	N/A	N/A	<b>1.00</b> 2673	N/A	<b>1.00</b> 2673
<b>Redi-Set Rings - Concrete Pipe</b>	<b>13.00</b> 95004008	<b>13.00</b> 95004008	<b>19.00</b> 95005008	N/A	N/A	N/A	<b>15.00</b> 95008012



# RED TOP OVERFLOW VALVES REPLACEMENT PARTS

PART	VALVE SIZE						
	10"	12"	14"	15" x 14"	16"	18"	20"
<b>Frame - Concrete Pipe Vee Thread</b>	<b>161.00</b> 40010003	<b>167.00</b> 40012003	<b>197.00</b> 40014003	N/A	<b>410.00</b> 40016003	<b>520.00</b> 40018003	<b>552.00</b> 40020003
<b>Frame - Concrete Pipe Acme Thread</b>	<b>161.00</b> 40010013	<b>167.00</b> 40012013	<b>197.00</b> 40014013	N/A	<b>410.00</b> 40016013	<b>520.00</b> 40018013	<b>552.00</b> 40020013
<b>Frame - Type 4 Pipe (Epoxy) Vee Thread</b>	<b>170.00</b> 40010004	<b>199.00</b> 40012004	N/A	<b>260.00</b> 40014152	N/A	<b>Call For Quote</b> N/A	<b>Call For Quote</b> N/A
<b>Frame - Type 4 Pipe (Epoxy) Acme Thread</b>	<b>170.00</b> 40010014	<b>199.00</b> 40012014	N/A	<b>260.00</b> 40014154	N/A	<b>441.00</b> 40018014	<b>630.00</b> 40020014
<b>Frame - IPS (Solvent) Vee Thread</b>	<b>299.00</b> 40310004	<b>313.00</b> 40312004	N/A	N/A	N/A	N/A	N/A
<b>Frame - IPS (Solvent) Acme Thread</b>	<b>299.00</b> 40310003	<b>313.00</b> 40312003	N/A	N/A	N/A	N/A	N/A
<b>Frame - PIP (Solvent) Vee Thread</b>	<b>299.00</b> 40310007	<b>313.00</b> 40312007	N/A	N/A	N/A	N/A	N/A
<b>Frame - PIP (Solvent) Acme Thread</b>	<b>299.00</b> 40310005	<b>313.00</b> 40312005	N/A	<b>410.00</b> 40315004	N/A	N/A	N/A
<b>Cover Complete - Vee Thread, SS (Includes Cover, Gasket, and Screw Complete)</b>	<b>132.00</b> 41510002	<b>141.00</b> 41512002	<b>180.00</b> 41514002	<b>180.00</b> 41514002	<b>387.03</b> 41516011 Brass	<b>424.00</b> 41518011 Brass	<b>722.00</b> 41520011 Brass
<b>Cover Complete - Acme Thread, SS (Includes Cover, Gasket, and Screw Complete)</b>	<b>132.00</b> 41510014	<b>141.00</b> 41512017	<b>180.00</b> 41514012	<b>180.00</b> 41514012	<b>387.00</b> 41516022	<b>424.00</b> 41518021 Brass	<b>722.00</b> 41520021 Brass
<b>Cover Packed</b>	<b>67.00</b> 41210001	<b>81.00</b> 41212001	<b>127.00</b> 41214001	<b>127.00</b> 41214001	<b>252.00</b> 41216011	<b>288.00</b> 41218011	<b>511.00</b> 41220011
<b>Packing Gasket</b>	<b>12.00</b> 43510001	<b>13.00</b> 43512001	<b>15.00</b> 43514001	<b>15.00</b> 43514001	<b>18.00</b> 43516001	<b>26.00</b> 43518001	<b>33.00</b> 43520001
<b>Screw Complete - Vee Thread, SS (Includes Screw, Nut, &amp; Washer)</b>	<b>64.00</b> 43010002	<b>64.00</b> 43010002	<b>88.00</b> 43014001 Brass	<b>88.00</b> 43014001 Brass	<b>203.00</b> 43016005 Brass	<b>224.00</b> 43020004 Brass	<b>224.00</b> 43020004 Brass
<b>Screw Complete - Acme Thread, SS (Includes Screw, Nut, &amp; Washer)</b>	<b>64.00</b> 43010011	<b>64.00</b> 43010011	<b>83.57</b> 43014011	<b>83.57</b> 43014011	<b>193.00</b> 43016016	<b>213.00</b> 43020014 Brass	<b>213.00</b> 43020014 Brass
<b>Screw Only - Stainless Steel Vee Thread</b>	<b>62.00</b> 42510006	<b>62.00</b> 42510006	N/A	N/A	N/A	N/A	N/A
<b>Screw Only - Stainless Steel Acme Thread</b>	<b>62.00</b> 42510012	<b>62.00</b> 42510012	<b>62.00</b> 42514011	<b>62.00</b> 42514011	<b>95.00</b> 42516016	N/A	N/A
<b>Screw Only - Bronze Vee Thread</b>	<b>60.00</b> 42510001	<b>60.00</b> 42510001	<b>63.00</b> 42514001	<b>63.00</b> 42514001	<b>122.00</b> 42516005	<b>243.00</b> 42520004	<b>243.00</b> 42520004
<b>Screw Only - Bronze Acme Thread</b>	<b>60.00</b> 42510010	<b>60.00</b> 42510010	<b>63.00</b> 42514010	<b>63.00</b> 42514010	<b>122.00</b> 42516015	<b>243.00</b> 42520014	<b>243.00</b> 42520014
<b>Cover Nut - Vee Thread</b>	<b>8.00</b> 80207001	<b>8.00</b> 80207001	<b>8.00</b> 80208009	<b>8.00</b> 80208009	Call for Quote	Call for Quote	Call for Quote
<b>Cover Nut - Acme Thread</b>	<b>8.00</b> 80207010	<b>8.00</b> 80207010	<b>8.00</b> 80208011	<b>8.00</b> 80208011	Call for Quote	Call for Quote	<b>Call For Quote</b> 80210010
<b>UHMW Washer</b>	<b>4.00</b> 81807001	<b>4.00</b> 81807001	<b>7.00</b> 81808010	<b>7.00</b> 81808010	<b>12.00</b> 81812010	<b>12.00</b> 81812010	<b>12.00</b> 81812010
<b>Frame Nut - IPS / PIP (Solvent) Vee Thread</b>	<b>9.00</b> 57500097	<b>9.00</b> 57500097	N/A	N/A	N/A	N/A	N/A
<b>Frame Nut - IPS / PIP (Solvent) Acme Thread</b>	<b>9.00</b> 57500092	<b>9.00</b> 57500092	N/A	<b>16.00</b> 57500093	N/A	N/A	N/A
<b>Security Pin - IPS / PIP (Solvent)</b>	<b>1.00</b> 2673	<b>1.00</b> 2673	N/A	<b>1.00</b> 2673	N/A	N/A	N/A
<b>Redi-Set Rings - Concrete Pipe</b>	<b>21.00</b> 95010014	N/A	N/A	N/A	N/A	N/A	N/A

RED TOP VALVE PARTS

# PASTURE OVERFLOW VALVES



## PASTURE VALVES

Waterman's "Pasture" design features a flush, key operated, self-cleaning brass stem, for use in areas where livestock are present. Operating key sold separately.

VALVE SIZE	PIPE STYLE	WT. (LBS.)	VEE THREAD BRONZE SCREW	ACME THREAD BRONZE SCREW
4"	CONCRETE	3	<b>160.00</b> PSTR-04-CONC-V-BRS	N/A
	TYPE 4 (EPOXY)	3	<b>160.00</b> PSTR-04-T4-V-BRS	N/A
	IPS (SOLVENT)	4	<b>160.00</b> PSTR-04-IPS-V-BRS	N/A
6"	CONCRETE	7	N/A	<b>160.00</b> PSTR-06-CONC-A-BRS
	TYPE 4 (EPOXY)	7	N/A	<b>160.00</b> PSTR-06-T4-A-BRS
	IPS (SOLVENT)	8	<b>201.00</b> PSTR-06-IPS-V-BRS5	<b>201.00</b> PSTR-06-IPS-A-BRS
	PIP (SOLVENT)	8	<b>201.00</b> PSTR-06-PIP-V-BRS	<b>201.00</b> PSTR-06-PIP-A-BRS
8"	CONCRETE	11	N/A	<b>160.00</b> PSTR-08-CONC-A-BRS
	TYPE 4 (EPOXY)	11	N/A	<b>160.00</b> PSTR-08-T4-A-BRS
	IPS (SOLVENT)	13	<b>201.00</b> PSTR-08-IPS-V-BRS	<b>201.00</b> PSTR-08-IPS-A-BRS
	PIP (SOLVENT)	13	<b>201.00</b> PSTR-08-PIP-V-BRS	<b>201.00</b> PSTR-08-PIP-A-BRS
10"	CONCRETE	16	N/A	<b>185.00</b> PSTR-10-CONC-A-BRS
	TYPE 4 (EPOXY)	16	N/A	<b>185.00</b> PSTR-10-T4-A-BRS
	IPS (SOLVENT)	20	<b>269.00</b> PSTR-10-IPS-V-BRS	<b>269.00</b> PSTR-10-IPS-A-BRS
	PIP (SOLVENT)	20	<b>269.00</b> PSTR-10-PIP-V-BRS	<b>269.00</b> PSTR-10-PIP-A-BRS
12"	CONCRETE	22	N/A	<b>231.00</b> PSTR-12-CONC-A-BRS
	TYPE 4 (EPOXY)	22	N/A	<b>231.00</b> PSTR-12-T4-A-BRS
	IPS (SOLVENT)	27	<b>291.00</b> PSTR-12-IPS-V-BRS	<b>291.00</b> PSTR-12-IPS-A-BRS
	PIP (SOLVENT)	27	<b>291.00</b> PSTR-12-PIP-V-BRS	<b>291.00</b> PSTR-12-PIP-A-BRS

Notes: Type 4 is designed for Low Head 100 PSI. PIP pipe

# PASTURE OVERFLOW VALVES PARTS

PART	4"	6"	8"	10"	12"
<b>Frame - Concrete Pipe</b> Vee Thread	<b>110.00</b> 40004003	N/A	N/A	N/A	N/A
<b>Frame - Concrete Pipe</b> Acme Thread	N/A	<b>137.00</b> 40006013	<b>147.00</b> 40008013	<b>161.00</b> 40010013	<b>167.00</b> 40012013
<b>Frame - Type 4 Pipe (Epoxy)</b> Vee Thread	<b>110.00</b> 40004004	N/A	N/A	N/A	N/A
<b>Frame - Type 4 Pipe (Epoxy)</b> Acme Thread	N/A	<b>137.00</b> 40006014	<b>147.00</b> 40008014	<b>170.00</b> 40010014	<b>199.00</b> 40012014
<b>Cover Complete - Vee Thread, SS</b> (Includes Cover, Gasket, & Screw Complete)	<b>177.00</b> 41504003	<b>Call for Quote</b>	<b>Call for Quote</b>	<b>Call for Quote</b>	<b>Call for Quote</b>
<b>Cover Complete - Acme Thread, SS</b> (Includes Cover, Gasket, & Screw Complete)	N/A	<b>123.00</b> 41506013	<b>133.00</b> 41508013	<b>180.00</b> 41510013	<b>189.00</b> 41512013
<b>Cover Packed</b>	<b>89.00</b> 41204003	<b>92.00</b> 41206003	<b>102.00</b> 41208003	<b>126.00</b> 41210003	<b>133.00</b> 41212003
<b>Packing Gasket</b>	<b>4.00</b> 43504001	<b>11.00</b> 43506001	<b>11.00</b> 43508001	<b>12.00</b> 43510001	<b>13.00</b> 43512001
<b>Screw Complete - Vee Thread, Brass</b> (Includes Screw, Nut, & Washer)	<b>47.00</b> 43005003	<b>Call for Quote</b> 43006003	<b>Call for Quote</b>		
<b>Screw Complete - Acme Thread, Brass</b> (Includes Screw, Nut, & Washer)	N/A	<b>72.00</b> 43006013	<b>72.00</b> 43006013	<b>89.00</b> 43010013	<b>89.00</b> 43010013
<b>Screw Only - Bronze</b> Vee Thread	<b>32.00</b> 42505003	<b>51.00</b> 42506003	<b>51.00</b> 42506003	<b>79.00</b> 42510003	<b>79.00</b> 42510003
<b>Screw Only - Bronze</b> Acme Thread	N/A	<b>51.00</b> 42506013	<b>51.00</b> 42506013	<b>79.00</b> 42510013	<b>79.00</b> 42510013
<b>Cover Nut - Bronze</b> Vee Thread	<b>7.00</b> 80205001	<b>7.00</b> 80206001	<b>7.00</b> 80206001	<b>8.00</b> 80207001	<b>8.00</b> 80207001
<b>Cover Nut - Bronze</b> Acme Thread	N/A	<b>7.00</b> 80206010	<b>5.99</b> 80206010	<b>8.00</b> 80207010	<b>8.00</b> 80207010
<b>UHMW Washer</b>	<b>4.00</b> 81805001	<b>4.00</b> 81806001	<b>4.00</b> 81806001	<b>4.00</b> 81807001	<b>6.00</b> 81807001
<b>Valve Key - Standard</b>	<b>85.00</b> 42510100	<b>85.00</b> 42510100	<b>85.00</b> 42510100	<b>85.00</b> 42510100	<b>85.00</b> 42510100
<b>Valve Key - 4' Spinner</b>	<b>117.00</b> 42512100	<b>117.00</b> 42512100	<b>117.00</b> 42512100	<b>117.00</b> 42512100	<b>117.00</b> 42512100

Notes: For IPS/PIP style parts, see Red Top Overflow Valve Parts list

# SUNSHINE OVERFLOW VALVES

VALVE SIZE	PIPE STYLE	WT. (LBS.)	VEE THREAD STAINLESS STEEL SCREW	ACME THREAD STAINLESS STEEL SCREW
6"	CONCRETE	6.5	<b>82.00</b> SUN-06-CONC-V-SST	<b>82.00</b> SUN-06-CONC-A-SST
	TYPE 4 (EPOXY)	7	<b>98.00</b> SUN-06-T4-V-SST	<b>98.00</b> SUN-06-T4-A-SST
	IPS (SOLVENT)	8	<b>138.00</b> SUN-06-IPS-V-SST	<b>138.00</b> SUN-06-IPS-A-SST
	PIP (SOLVENT)	8	<b>138.00</b> SUN-06-PIP-V-SST	<b>138.00</b> SUN-06-PIP-A-SST
8"	CONCRETE	10	<b>110.00</b> SUN-08-CONC-V-SST	<b>110.00</b> SUN-08-CONC-A-SST
	TYPE 4 (EPOXY)	10	<b>118.00</b> SUN-08-T4-V-SST	<b>118.00</b> SUN-08-T4-A-SST
	IPS (SOLVENT)	13	<b>173.00</b> SUN-08-IPS-V-SST	<b>173.00</b> SUN-08-IPS-A-SST
	PIP (SOLVENT)	13	<b>173.00</b> SUN-08-PIP-V-SST	<b>173.00</b> SUN-08-PIP-A-SST
10"	CONCRETE	15	<b>N/A</b> N/A	<b>143.00</b> SUN-10-CONC-A-SST
	TYPE 4 (EPOXY)	15	<b>162.00</b> SUN-10-T4-V-SST	<b>162.00</b> SUN-10-T4-A-SST
	IPS (SOLVENT)	20	<b>243.00</b> SUN-10-IPS-V-SST	<b>243.00</b> SUN-10-IPS-A-SST
	PIP (SOLVENT)	20	<b>243.00</b> SUN-10-PIP-V-SST	<b>243.00</b> SUN-10-PIP-A-SST
12"	CONCRETE	21	<b>198.00</b> SUN-12-CONC-V-SST	<b>198.00</b> SUN-12-CONC-A-SST
	TYPE 4 (EPOXY)	21	<b>229.00</b> SUN-12-T4-V-SST	<b>229.00</b> SUN-12-T4-A-SST
	IPS (SOLVENT)	27	<b>281.00</b> SUN-12-IPS-V-SST	<b>281.00</b> SUN-12-IPS-A-SST
	PIP (SOLVENT)	27	<b>281.00</b> SUN-12-PIP-V-SST	<b>281.00</b> SUN-12-PIP-A-SST

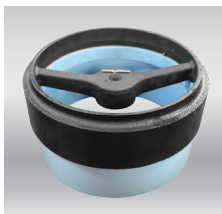
Notes: Type 4 is designed for Low Head 100 PSI PIP pipe.



Concrete



Type 4  
(Plastic Pipe, Epoxy Fit)



Solvent Weld (IPS/PIP)



Water dispersal Sunshine

# SUNSHINE OVERFLOW VALVE REPLACEMENT PARTS

PART	VALVE SIZE						
	3 1/2"	4"	5"	5" x 6"	6"	6 1/2"	8"
<b>Frame - Concrete Pipe</b> Vee Thread	<b>109.00</b> 40003003	<b>110.00</b> 40004003	<b>124.00</b> 40005003	N/A	<b>137.00</b> 40006003	<b>150.00</b> 40007003	<b>153.00</b> 40008003
<b>Frame - Concrete Pipe</b> Acme Thread	N/A	N/A	N/A	N/A	<b>137.00</b> 40006013	<b>150.00</b> 40007013	<b>153.00</b> 40008013
<b>Frame - Type 4 Pipe (Epoxy)</b> Vee Thread	N/A	<b>110.00</b> 40004004	<b>124.00</b> 40005004	<b>124.00</b> 40005004	<b>137.00</b> 40006004	N/A	<b>153.00</b> 40008004
<b>Frame - Type 4 Pipe (Epoxy)</b> Acme Thread	N/A	N/A	N/A	N/A	<b>137.00</b> 40006014	N/A	<b>153.00</b> 40008014
<b>Frame - IPS (Solvent)</b> Vee Thread	N/A	<b>130.00</b> 40304003	N/A	N/A	<b>152.00</b> 40306005	N/A	<b>178.00</b> 40308004
<b>Frame - IPS (Solvent)</b> Acme Thread	N/A	N/A	N/A	N/A	<b>152.00</b> 40306004	N/A	<b>178.00</b> 40308003
<b>Frame - PIP (Solvent)</b> Vee Thread	N/A	N/A	N/A	N/A	<b>152.00</b> 40306007	N/A	<b>178.00</b> 40308007
<b>Frame - PIP (Solvent)</b> Acme Thread	N/A	N/A	N/A	N/A	<b>152.00</b> 40306006	N/A	<b>178.00</b> 40308005
<b>Cover Complete - Vee Thread, SS</b> (Includes Cover, Gasket, & Screw Complete)	N/A	<b>60.00</b> 41504005	N/A	N/A	<b>74.00</b> 41506004	N/A	<b>93.00</b> 41508003
<b>Cover Complete - Acme Thread, SS</b> (Includes Cover, Gasket, & Screw Complete)	N/A	N/A	N/A	N/A	<b>74.00</b> 41506015	N/A	<b>93.00</b> 41508016
<b>Cover Packed</b>	N/A	<b>28.00</b> 41204002	<b>34.00</b> 41205002	N/A	<b>34.00</b> 41206002	<b>63.00</b> 41207002	<b>63.00</b> 41208002
<b>Packing Gasket</b>	<b>4.00</b> 43503001	<b>4.00</b> 43504001	<b>11.00</b> 43505001	<b>11.00</b> 43505001	<b>11.00</b> 43506001	<b>11.00</b> 43507001	<b>11.00</b> 43508001
<b>Screw Complete - Vee Thread, SS</b> (Includes Screw, Nut, & Washer)	<b>29.00</b> 43005004	<b>29.00</b> 43005004	<b>32.00</b> 43005005	<b>32.00</b> 43005005	<b>34.00</b> 43006002	<b>34.00</b> 43006002	<b>34.00</b> 43006002
<b>Screw Complete - Acme Thread, SS</b> (Includes Screw, Nut, & Washer)	N/A	N/A	N/A	N/A	<b>34.00</b> 43006011	<b>34.00</b> 43006011	<b>34.00</b> 43006011
<b>Screw Only - Stainless Steel</b> Vee Thread	<b>18.00</b> 42505006	<b>18.00</b> 42505006	<b>21.00</b> 42505004	<b>21.00</b> 42505004	<b>30.00</b> 42506002	<b>30.00</b> 42506002	<b>30.00</b> 42506002
<b>Screw Only - Stainless Steel</b> Acme Thread	N/A	N/A	N/A	N/A	<b>30.00</b> 42506011	<b>30.00</b> 42506011	<b>30.00</b> 42506011
<b>Screw Only - Bronze</b> Vee Thread	<b>19.00</b> 42505001	<b>19.00</b> 42505001	<b>24.00</b> 42505002	<b>24.00</b> 42505002	<b>32.00</b> 42506001	<b>32.00</b> 42506001	<b>32.00</b> 42506001
<b>Screw Only - Bronze</b> Acme Thread	N/A	N/A	N/A	N/A	<b>32.00</b> 42506010	<b>32.00</b> 42506010	<b>32.00</b> 42506010
<b>Cover Nut - Vee Thread</b>	<b>7.00</b> 80205001	<b>7.00</b> 80205001	<b>7.00</b> 80205001	<b>7.00</b> 80205001	<b>7.00</b> 80206001	<b>7.00</b> 80206001	<b>7.00</b> 80206001
<b>Cover Nut - Acme Thread</b>	N/A	N/A	N/A	N/A	<b>7.00</b> 80206010	<b>7.00</b> 80206010	<b>7.00</b> 80206010
<b>UHMW Washer</b>	<b>4.00</b> 81805001	<b>4.00</b> 81805001	<b>4.00</b> 81805001	<b>4.00</b> 81805001	<b>4.00</b> 81806001	<b>4.00</b> 81806001	<b>4.00</b> 81806001
<b>Frame Nut - IPS / PIP (Solvent)</b> Vee Thread	N/A	<b>4.00</b> 57500090	N/A	N/A	<b>8.00</b> 57500096	N/A	<b>8.00</b> 57500096
<b>Frame Nut - IPS / PIP (Solvent)</b> Acme Thread	N/A	<b>11.00</b> N/A	N/A	N/A	<b>8.00</b> 57500091	N/A	<b>8.00</b> 57500091
<b>Security Pin - IPS / PIP (Solvent)</b>	N/A	<b>1.00</b> 2673	N/A	N/A	<b>1.00</b> 2673	N/A	<b>1.00</b> 2673

# SUNSHINE OVERFLOW VALVE REPLACEMENT PARTS

PART	VALVE SIZE						
	10"	12"	14"	15" x 14"	16"	18"	20"
<b>Frame - Concrete Pipe</b> Vee Thread	<b>161.00</b> 40010003	<b>167.00</b> 40012003	<b>197.00</b> 40014003	<b>N/A</b>	<b>410.00</b> 40016003	<b>520.00</b> 40018003	<b>552.00</b> 40020003
<b>Frame - Concrete Pipe</b> Acme Thread	<b>161.00</b> 40010013	<b>167.00</b> 40012013	<b>197.00</b> 40014013	<b>N/A</b>	<b>410.00</b> 40016013	<b>520.00</b> 40018013	<b>552.00</b> 40020013
<b>Frame - Type 4 Pipe (Epoxy)</b> Vee Thread	<b>170.00</b> 40010004	<b>199.00</b> 40012004	<b>N/A</b>	<b>260.00</b> 40014152	<b>N/A</b>	<b>Call For Quote</b> N/A	<b>Call For Quote</b> N/A
<b>Frame - Type 4 Pipe (Epoxy)</b> Acme Thread	<b>170.00</b> 40010014	<b>199.00</b> 40012014	<b>N/A</b>	<b>260.00</b> 40014154	<b>N/A</b>	<b>441.00</b> 40018014	<b>630.00</b> 40020014
<b>Frame - IPS (Solvent)</b> Vee Thread	<b>299.00</b> 40310004	<b>313.00</b> 40312004	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Frame - IPS (Solvent)</b> Acme Thread	<b>299.00</b> 40310003	<b>313.00</b> 40312003	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Frame - PIP (Solvent)</b> Vee Thread	<b>299.00</b> 40310007	<b>313.00</b> 40312007	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Frame - PIP (Solvent)</b> Acme Thread	<b>299.00</b> 40310005	<b>313.00</b> 40312005	<b>N/A</b>	<b>390.00</b> 40315004	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Cover Complete - Vee Thread, SS</b> (Includes Cover, Gasket, & Screw Complete)	<b>132.00</b> 41510004	<b>141.00</b> 41512004	<b>180.00</b> 41514002	<b>180.00</b> 41514002	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Cover Complete - Acme Thread, SS</b> (Includes Cover, Gasket, & Screw Complete)	<b>132.00</b> 41510016	<b>141.00</b> 41512005	<b>180.00</b> 41514016	<b>180.00</b> 41514016	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Cover Packed</b>	<b>67.00</b> 41210002	<b>81.00</b> 41212004	<b>127.00</b> 41214003	<b>127.00</b> 41214003	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Packing Gasket</b>	<b>12.00</b> 43510001	<b>13.00</b> 43512001	<b>15.00</b> 43514001	<b>15.00</b> 43514001	<b>18.00</b> 43516001	<b>26.00</b> 43518001	<b>33.00</b> 43520001
<b>Screw Complete - Vee Thread, SS</b> (Includes Screw, Nut, & Washer)	<b>64.00</b> 43010002	<b>64.00</b> 43010002	<b>94.00</b> 43014001 Brass	<b>94.00</b> 43014001 Brass	<b>203.00</b> 43016005 Brass	<b>224.00</b> 43020004 Brass	<b>224.00</b> 43020004 Brass
<b>Screw Complete - Acme Thread, SS</b> (Includes Screw, Nut, & Washer)	<b>64.00</b> 43010011	<b>64.00</b> 43010011	<b>88.00</b> 43014011	<b>88.00</b> 43014011	<b>203.00</b> 43016016	<b>224.00</b> 43020014 Brass	<b>224.00</b> 43020014 Brass
<b>Screw Only - Stainless Steel</b> Vee Thread	<b>62.00</b> 42510006	<b>62.00</b> 42510007	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Screw Only - Stainless Steel</b> Acme Thread	<b>62.00</b> 42510016	<b>62.00</b> 42510016	<b>62.00</b> 42514011	<b>62.00</b> 42514011	<b>95.00</b> 42516016	<b>N/A</b>	<b>N/A</b>
<b>Screw Only - Bronze</b> Vee Thread	<b>60.00</b> 42510001	<b>60.00</b> 42510001	<b>63.00</b> 42514001	<b>63.00</b> 42514001	<b>122.00</b> 42516005	<b>243.00</b> 42520004	<b>243.00</b> 42520004
<b>Screw Only - Bronze</b> Acme Thread	<b>60.00</b> 42510010	<b>60.00</b> 42510010	<b>63.00</b> 42514010	<b>63.00</b> 42514010	<b>122.00</b> 42516015	<b>243.00</b> 42520014	<b>243.00</b> 42520014
<b>Cover Nut - Vee Thread</b>	<b>8.00</b> 80207001	<b>8.00</b> 80207001	<b>8.00</b> 80208009	<b>8.00</b> 80208009	<b>11.00</b> 71107270102	<b>11.00</b> 71107270102	<b>11.00</b> 71107270102
<b>Cover Nut - Acme Thread</b>	<b>8.00</b> 80207010	<b>8.00</b> 80207010	<b>8.00</b> 80208011	<b>8.00</b> 80208011	<b>11.00</b> 80210010	<b>11.00</b> 80210010	<b>11.00</b> 80210010
<b>UHMW Washer</b>	<b>4.00</b> 81807001	<b>4.00</b> 81807001	<b>7.00</b> 81808010	<b>7.00</b> 81808010	<b>12.00</b> 81812010	<b>12.00</b> 81812010	<b>12.00</b> 81812010
<b>Frame Nut - IPS / PIP (Solvent)</b> Vee Thread	<b>9.00</b> 57500097	<b>9.00</b> 57500097	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Frame Nut - IPS / PIP (Solvent)</b> Acme Thread	<b>9.00</b> 57500092	<b>9.00</b> 57500092	<b>N/A</b>	<b>16.00</b> 57500093	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>
<b>Security Pin - IPS / PIP (Solvent)</b>	<b>1.00</b> 2673	<b>1.00</b> 2673	<b>N/A</b>	<b>1.00</b> 2673	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>



# RED TOP ALFALFA VALVE WITH SOLID ARCH FRAME

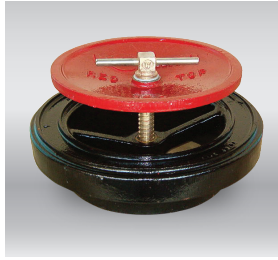
VALVE SIZE	PIPE STYLE	WT. (LBS.)	SOLID ARCH FRAME			
			VEE THREAD STAINLESS STEEL SCREW	ACME THREAD STAINLESS STEEL SCREW	VEE THREAD BRONZE SCREW	ACME THREAD BRONZE SCREW
8"	CONCRETE	22	N/A	<b>253.00</b> RTALF-08-SA-T1-A-SST	<b>253.00</b> RTALF-08-SA-T1-V-BRS	<b>253.00</b> RTALF-08-SA-T1-A-BRS
	TYPE 4 (EPOXY)	24	N/A	<b>207.00</b> RTALF-08-SA-T4-A-SST	<b>207.00</b> RTALF-08-SA-T4-V-BRS	<b>207.00</b> RTALF-08-SA-T4-A-BRS
10"	CONCRETE	22	N/A	<b>322.00</b> RTALF-10-SA-T1-A-SST	N/A	<b>322.00</b> RTALF-10-SA-T1-A-BRS
	TYPE 4 (EPOXY)	28	N/A	<b>247.00</b> RTALF-10-SA-T4-A-SST	N/A	<b>247.00</b> RTALF-10-SA-T4-A-BRS
12"	CONCRETE		N/A	N/A	<b>Call For Availability</b> RTALF-12-SA-T1-V-6TPI	<b>Call For Availability</b> RTALF-12-SA-T1-A-BRS
	TYPE 4 (EPOXY)	39	N/A	<b>Call For Availability</b> RTALF-12-SA-T4-A-SST	N/A	<b>Call For Availability</b> RTALF-12-SA-T4-A-BRS

Notes: Type 4 is designed for Low Head 100 ft. PIP pipe.

## RED TOP ALFALFA SOLID ARCH FRAME PARTS

PART	VALVE SIZE		
	8"	10"	12"
<b>Frame - Concrete Pipe Vee Thread</b>	<b>153.00</b> 40008007	<b>161.00</b> 40010007	<b>Call for Availability</b> 40012007
<b>Frame - Concrete Pipe Acme Thread</b>	<b>153.00</b> 40008017	<b>161.00</b> 40010017	<b>Call for Availability</b> 40012017
<b>Frame - Type 4 Pipe (Epoxy) Vee Thread</b>	<b>153.00</b> 40008008	<b>170.00</b> 40010008	<b>Call for Availability</b> 40012008
<b>Frame - Type 4 Pipe (Epoxy) Acme Thread</b>	<b>153.00</b> 40008018	<b>170.00</b> 40010018	<b>Call for Availability</b> 40012018
<b>Cover Complete - Vee / Bronze</b> (Includes Cover, Gasket, & Screw Complete)	<b>128.00</b> 41508011	<b>163.00</b> 41510011	<b>188.00</b> 41512011
<b>Cover Complete - Acme / Stainless</b> (Includes Cover, Gasket, & Screw Complete)	<b>128.00</b> 41508023	<b>163.00</b> 41510024	<b>188.00</b> 41512023
<b>Cover Complete - Acme / Bronze</b> (Includes Cover, Gasket, & Screw Complete)	<b>128.00</b> 41508021	<b>163.00</b> 41510021	<b>188.00</b> 41512021
<b>Cover Packed</b>	<b>58.00</b> 41208011	<b>71.00</b> 41210011	<b>83.00</b> 41212011
<b>Packing Gasket</b>	<b>9.00</b> 43508002	<b>12.00</b> 43510001	<b>13.00</b> 43512001
<b>Screw Complete - Vee / Bronze</b> (Includes Screw, Nut, & Washer)	<b>74.00</b> 43008004	<b>90.00</b> 43010005	<b>95.00</b> 43012004
<b>Screw Complete - Acme / Stainless</b> (Includes Screw, Nut, & Washer)	<b>63.00</b> 43008015	<b>79.00</b> 43010015	<b>95.00</b> 43012015
<b>Screw Complete - Acme / Bronze</b> (Includes Screw, Nut, & Washer)	<b>74.00</b> 43008014	<b>90.00</b> 43010014	<b>95.00</b> 43012014
<b>Screw Only - Stainless Steel Vee Thread</b>	N/A	N/A	N/A
<b>Screw Only - Stainless Steel Acme Thread</b>	<b>50.00</b> 42508015	<b>68.00</b> 42510015	<b>76.00</b> 42512015
<b>Screw Only - Bronze Vee Thread</b>	<b>70.00</b> 42508004	<b>79.00</b> 42510005	<b>86.00</b> 42512004
<b>Screw Only - Bronze Acme Thread</b>	<b>70.00</b> 42508014	<b>79.00</b> 42510014	<b>86.00</b> 42512014
<b>Brass Cover Nut - Vee Thread</b>	<b>8.00</b> 80208009	<b>8.00</b> 80208002	<b>10.00</b> 80209001
<b>Brass Cover Nut - Acme Thread</b>	<b>7.00</b> 80208010	<b>9.00</b> 80208012	<b>11.00</b> 80209010
<b>UHMW Washer</b>	<b>7.00</b> 81808010	<b>12.00</b> 81810010	<b>12.00</b> 81811010

# RED TOP ALFALFA VALVE WITH REMOVABLE ARCH



Alfa

## ALFALFA RISER VALVES WITH REMOVABLE ARCH

Alfa Valves are commonly used with the Waterman Universal Hydrant for connection of portable surface pipe. They are also applied where an extra heavy duty riser valve is desired. A fully machined outer rim is provided to fit and make a watertight seal with our hydrant. The larger diameter screw and brass nut is designed to provide resistance to higher flow. Arch and nut are field replaceable.

VALVE SIZE	PIPE STYLE	WT. (LBS.)	REMOVABLE ARCH FRAME			
			VEE THREAD STAINLESS STEEL SCREW	ACME THREAD STAINLESS STEEL SCREW	VEE THREAD BRONZE SCREW	ACME THREAD BRONZE SCREW
8"	CONCRETE	18	N/A	<b>224.00</b> RTALF-08-RA-T1-A-SST	<b>224.00</b> RTALF-08-RA-T1-V-6TPI	<b>224.00</b> RTALF-08-RA-T1-A-BRS
	TYPE 4 (EPOXY)	29	N/A	<b>247.00</b> RTALF-08-RA-T4-A-SST	N/A	<b>247.00</b> RTALF-08-RA-T4-A-BRS
10"	CONCRETE	25	N/A	<b>277.00</b> RTALF-10-RA-T1-A-SST	N/A	<b>277.00</b> RTALF-10-RA-T1-A-BRS
	TYPE 4 (EPOXY)	48	N/A	<b>308.00</b> RTALF-10-RA-T4-A-SST	N/A	<b>308.00</b> RTALF-10-RA-T4-A-BRS
12"	CONCRETE	34	N/A	<b>309.00</b> RTALF-12-RA-T1-A-SST	<b>309.00</b> RTALF-12-RA-T1-V-6TPI	<b>309.00</b> RTALF-12-RA-T1-A-BRS
	TYPE 4 (EPOXY)	58	N/A	<b>347.00</b> RTALF-12-RA-T4-A-SST	<b>347.00</b> RTALF-12-RA-T4-V-6TPI	<b>347.00</b> RTALF-12-RA-T4-A-BRS
14"	CONCRETE	49	N/A	<b>454.00</b> RTALF-14-RA-T1-A-SST	N/A	<b>454.00</b> RTALF-14-RA-T1-A-BRS
	TYPE 4 (EPOXY)		N/A	N/A	N/A	N/A
15" x 14" (15" Pipe Size)	CONCRETE		N/A	N/A	N/A	N/A
	TYPE 4 (EPOXY)	78	N/A	<b>492.00</b> RTALF-1514-RA-T4-A-SST	N/A	<b>492.00</b> RTALF-1514-RA-T4-A-BRS
16"	CONCRETE	53	N/A	<b>572.00</b> RTALF-16-RA-T1-A-SST	<b>572.00</b> RTALF-16-RA-T1-V-6TPI	<b>572.00</b> RTALF-16-RA-T1-A-BRS
	TYPE 4 (EPOXY)		N/A	N/A	N/A	N/A
18"	CONCRETE	74	N/A	N/A	<b>1224.00</b> RTALF-18-RA-T1-V-6TPI	<b>1224.00</b> RTALF-18-RA-T1-A-3TPI
	TYPE 4 (EPOXY)	101	N/A	N/A	N/A	<b>1646.00</b> RTALF-18-RA-T4-A-3TPI
20"	CONCRETE	91	N/A	N/A	N/A	<b>1938.00</b> RTALF-20-RA-T1-A-3TPI
	TYPE 4 (EPOXY)	111	N/A	N/A	N/A	<b>1938.00</b> RTALF-20-RA-T4-A-3TPI
24"	CONCRETE	135	N/A	N/A	N/A	<b>3795.00</b> RTALF-24-RA-T1-A-3TPI
	TYPE 4 (EPOXY)	149	N/A	N/A	N/A	<b>3795.00</b> RTALF-24-RA-T4-A-3TPI
30"	CONCRETE	245	N/A	N/A	N/A	<b>4025.00</b> RTALF-30-RA-T1-A-4TPI
	TYPE 4 (EPOXY)		N/A	N/A	N/A	N/A
36"	CONCRETE	530	N/A	N/A	N/A	<b>6440.00</b> RTALF-36-RA-T1-A-4TPI
	TYPE 4 (EPOXY)		N/A	N/A	N/A	N/A

Notes: Type 4 is designed for Low Head 100 ft. PIP pipe. 16" Valve and above is Special Order only

# ALFALFA REMOVABLE ARCH - REPLACEMENT PARTS

PART	VALVE SIZE				
	8"	10"	12"	14"	15" x 14"
<b>Frame - Concrete Pipe</b>	<b>149.00</b> 40080271	<b>184.00</b> 40100271	<b>232.00</b> 40012051	<b>244.00</b> 40140271	N/A
<b>Frame - Type 4 Pipe (Epoxy)</b>	<b>149.00</b> 40008054	<b>184.00</b> 40010054	<b>232.00</b> 40012054	N/A	<b>290.00</b> 40155154
<b>Arch - Vee Thread</b>	<b>57.00</b> 44208001	<b>59.00</b> 44208120	<b>71.00</b> 44210120	<b>87.00</b> 44214001	<b>87.00</b> 44214001
<b>Arch - Acme Thread</b>	<b>57.00</b> 44208010	<b>59.00</b> 44208121	<b>71.00</b> 44210121	<b>87.00</b> 44214010	<b>87.00</b> 44214010
<b>Cover Complete - Vee / Bronze</b> (Includes Cover, Gasket, & Screw Complete)	<b>128.00</b> 41508011	<b>163.00</b> 41510011	<b>188.00</b> 41512011	<b>283.00</b> 41514011	<b>238.00</b> 41514011
<b>Cover Complete - Acme / Stainless</b> (Includes Cover, Gasket, & Screw Complete)	<b>128.00</b> 41508023	<b>163.00</b> 41510024	<b>188.00</b> 41512023	<b>238.00</b> 41514022	<b>238.00</b> 41514022
<b>Cover Complete - Acme / Bronze</b> (Includes Cover, Gasket, & Screw Complete)	<b>128.00</b> 41508021	<b>163.00</b> 41510021	<b>188.00</b> 41512021	<b>238.00</b> 41514021	<b>238.00</b> 41514021
<b>Cover Packed</b>	<b>58.00</b> 41208011	<b>71.00</b> 41210011	<b>83.00</b> 41212011	<b>127.00</b> 41214011	<b>127.00</b> 41214011
<b>Packing Gasket</b>	<b>9.00</b> 43508002	<b>12.00</b> 43510001	<b>13.00</b> 43512001	<b>15.00</b> 43514001	<b>15.00</b> 43514001
<b>Screw Complete - Vee / Bronze</b> (Includes Screw, Nut, & Washer)	<b>74.00</b> 43008004	<b>90.00</b> 43010005	<b>95.00</b> 43012004	<b>203.00</b> 43014012	<b>203.00</b> 43016005
<b>Screw Complete - Acme / Stainless</b> (Includes Screw, Nut, & Washer)	<b>63.00</b> 43008015	<b>79.00</b> 43010015	<b>95.00</b> 43012015	<b>203.00</b> 43016016	<b>203.00</b> 43016016
<b>Screw Complete - Acme / Bronze</b> (Includes Screw, Nut, & Washer)	<b>74.00</b> 43008014	<b>90.00</b> 43010014	<b>95.00</b> 43012014	<b>203.00</b> 43016015	<b>203.00</b> 43016015
<b>Screw Only - Stainless Steel</b> Vee Thread	N/A	N/A	N/A	N/A	N/A
<b>Screw Only - Stainless Steel</b> Acme Thread	<b>50.00</b> 42508015	<b>68.00</b> 42510015	<b>76.00</b> 42512015	<b>95.00</b> 42516016	<b>95.00</b> 42516016
<b>Screw Only - Bronze</b> Vee Thread	<b>66.00</b> 42508004	<b>75.00</b> 42510005	<b>81.00</b> 42512004	<b>116.00</b> 42516005	<b>116.00</b> 42516005
<b>Screw Only - Bronze</b> Acme Thread	<b>70.00</b> 42508014	<b>79.00</b> 42510014	<b>86.00</b> 42512014	<b>122.00</b> 42516015	<b>122.00</b> 42516015
<b>Tee Handle Bar - Bronze Screw</b>	<b>15.00</b> 50005007	<b>15.00</b> 50005007	<b>15.00</b> 50005007	<b>32.00</b> 50005008	<b>32.00</b> 50005008
<b>Brass Cover Nut - Vee Thread</b>	<b>8.00</b> 80208009	<b>8.00</b> 80208002	<b>10.00</b> 80209001	<b>11.00</b> 80210001	<b>11.00</b> 80210001
<b>Brass Cover Nut - Acme Thread</b>	<b>7.00</b> 80208010	<b>9.00</b> 80208012	<b>11.00</b> 80209010	<b>11.00</b> 80210010	<b>11.00</b> 80210010
<b>UHMW Washer</b>	<b>7.00</b> 81808010	<b>12.00</b> 81810010	<b>12.00</b> 81811010	<b>12.00</b> 81812010	<b>12.00</b> 81812010
<b>Eccentric Latch</b>	<b>11.00</b> 101589	<b>11.00</b> 101589	<b>11.00</b> 101589	<b>11.00</b> 101589	<b>11.00</b> 101589
<b>Rivet</b>	<b>5.00</b> 1254	<b>5.00</b> 1254	<b>5.00</b> 1258	<b>5.00</b> 1258	<b>5.00</b> 1258

# PARTS FOR RED TOP® ALFALFA VALVES WITH REMOVABLE ARCH

## Parts for Red Top® Alfalfa Valves with Removable Arch

PART	VALVE SIZE					
	16"	18"	20"	24"	30"	36"
Frame - Concrete Pipe	259.00 40160271	579.00 40180271	638.00 40200271	681.00 401240271	1104.00 4030271	1270.00 40360271
Frame - Type 4 Pipe (Epoxy)	N/A	579.00 40018025	979.00 40020025	N/A	N/A	N/A
Arch - Vee Thread	142.00 44216001	189.00 44218001	237.00 44220001	342.00 44224001	N/A	N/A
Arch - Acme Thread	162.00 44216010	178.00 44218010	255.00 44220010	342.00 44224010	836.00 44230010	1113.00 44236010
Cover Complete - Vee / Bronze (Includes Cover, Gasket, & Screw Complete)	387.00 41516011	424.00 41518011	722.00 41520011	N/A	N/A	N/A
Cover Complete - Acme / Stainless (Includes Cover, Gasket, & Screw Complete)	387.00 41516022	N/A	N/A	N/A	N/A	N/A
Cover Complete - Acme / Bronze (Includes Cover, Gasket, & Screw Complete)	387.00 41516021	424.00 41518021	722.00 41520021	1968.00 41524021	2221.00 41530021	2971.00 41536021
Cover Packed	252.00 41216011	254.00 41218011	511.00 41220011	893.00 41224011	1182.00 41230011	1947.00 41236011
Packing Gasket	18.00 43516001	26.00 43518001	33.00 43520001	44.00 43524002	104.00 43530002	128.00 43536002
Screw Complete - Vee / Bronze (Includes Screw, Nut, & Washer)	203.00 43016005	224.00 43020004	244.00 43020004	312.00 43020006	N/A	N/A
Screw Complete - Acme / Stainless (Includes Screw, Nut, & Washer)	203.00 43016016	N/A	N/A	N/A	N/A	N/A
Screw Complete - Acme / Bronze (Includes Screw, Nut, & Washer)	203.00 43016015	224.00 43020014	224.00 43020014	312.00 43020012	979.00 43030014	1075.00 43036014
Screw Only - Bronze Vee Thread	122.00 42516005	208.00 42520004	208.00 42520004	255.00 42520006	N/A	N/A
Screw Only - Bronze Acme Thread	122.00 42516015	208.00 42520014	208.00 42520014	255.00 42520012	Call for Quote	Call for Quote
Tee Handle Bar - Bronze Screw	15.00 50005006	15.00 50005007	15.00 50005007	32.00 50005008	32.00 50005008	Call For Quote
Brass Cover Nut - Vee Thread	11.00 80210001	11.00 80210001	11.00 80210001	11.00 80210001	11.00 80210001	11.00 80210001
Brass Cover Nut - Acme Thread	11.00 80210010	11.00 80210010	11.00 80210010	11.00 80210010	11.00 1015868	11.00 1015868
UHMW Washer	12.00 81812010	12.00 81812010	12.00 81812010	12.00 81812010	POA	POA
Eccentric Latch	11.00 101589	11.00 101589	11.00 101589	11.00 101589	11.00 101589	11.00 101589
Rivet	5.00 1258	5.00 1257	5.00 1257	5.00 1257	5.00 1257	5.00 1257

# SUNSHINE ALFALFA VALVE - SOLID ARCH FRAME

VALVE SIZE	PIPE STYLE	WT. (LBS.)	SOLID ARCH FRAME			
			VEE THREAD STAINLESS STEEL SCREW	ACME THREAD STAINLESS STEEL SCREW	VEE THREAD BRONZE SCREW	ACME THREAD BRONZE SCREW
6"	CONCRETE		N/A	N/A	N/A	N/A
	TYPE 4 (EPOXY)	16	N/A	<b>191.00</b> SSALF-06-SA-T4-A-SST	N/A	<b>191.00</b> SSALF-06-SA-T4-A-BRS
8"	CONCRETE		N/A	N/A	N/A	N/A
	TYPE 4 (EPOXY)	24	N/A	<b>207.00</b> SSALF-08-SA-T4-A-SST	N/A	<b>207.00</b> SSALF-08-SA-T4-A-BRS
10"	CONCRETE		N/A	N/A	N/A	N/A
	TYPE 4 (EPOXY)	28	N/A	<b>247.00</b> SSALF-10-SA-T4-A-SST	N/A	<b>247.00</b> SSALF-10-SA-T4-A-BRS
12"	CONCRETE		N/A	N/A	N/A	N/A
	TYPE 4 (EPOXY)	39	N/A	<b>311.00</b> SSALF-12-SA-T4-A-SST	N/A	<b>311.00</b> SSALF-12-SA-T4-A-BRS

Notes: Type 4 is designed for Low Head 100 ft. PIP pipe.

## SUNSHINE ALFALFA SOLID ARCH FRAME PARTS

PART	VALVE SIZE			
	6"	8"	10"	12"
<b>Frame - Type 4 Pipe (Epoxy)</b> Acme Thread	<b>99.00</b> 40006034	<b>118.00</b> 40008034	<b>204.00</b> 40010034	<b>248.00</b> 40012034
<b>Cover Complete - Acme / Stainless</b> (Includes Cover, Gasket, & Screw Complete)	<b>144.00</b> 41506016	<b>151.00</b> 41508024	<b>186.00</b> 41510023	<b>173.00</b> 41512015
<b>Cover Complete - Acme / Bronze</b> (Includes Cover, Gasket, & Screw Complete)	<b>144.00</b> 41506014	<b>151.00</b> 41508022	<b>186.00</b> 41510020	<b>211.00</b> 41512012
<b>Cover Packed</b>	<b>51.00</b> 41206014	<b>57.00</b> 41208022	<b>76.00</b> 41210022	<b>92.00</b> 41212002
<b>Packing Gasket</b>	<b>10.00</b> 43506002	<b>9.00</b> 43508002	<b>12.00</b> 43510001	<b>13.00</b> 43512001
<b>Screw Complete - Acme / Stainless</b> (Includes Screw, Nut, & Washer)	<b>63.00</b> 43008015	<b>63.00</b> 43008015	<b>79.00</b> 43010015	<b>95.00</b> 43012015
<b>Screw Complete - Acme / Bronze</b> (Includes Screw, Nut, & Washer)	<b>74.00</b> 43008014	<b>74.00</b> 43008014	<b>90.00</b> 43010014	<b>95.00</b> 43012014
<b>Screw Only - Stainless Steel</b> Acme Thread	<b>50.00</b> 42508015	<b>50.00</b> 42508015	<b>68.00</b> 42510015	<b>76.00</b> 42512015
<b>Screw Only - Bronze</b> Acme Thread	<b>70.00</b> 42508014	<b>70.00</b> 42508014	<b>79.00</b> 42510014	<b>86.00</b> 42512014
<b>Brass Cover Nut - Acme Thread</b>	<b>7.00</b> 80208010	<b>7.00</b> 80208010	<b>9.00</b> 80208012	<b>11.00</b> 80209010
<b>UHMW Washer</b>	<b>7.00</b> 81808010	<b>7.00</b> 81808010	<b>12.00</b> 81810010	<b>12.00</b> 81810010

# SUNSHINE ALFALFA VALVE - REMOVABLE ARCH

VALVE SIZE	PIPE STYLE	WT. (LBS.)	REMOVABLE ARCH FRAME			
			VEE THREAD STAINLESS STEEL SCREW	ACME THREAD STAINLESS STEEL SCREW	VEE THREAD BRONZE SCREW	ACME THREAD BRONZE SCREW
8"	CONCRETE		N/A	N/A	N/A	N/A
	TYPE 4 (EPOXY)	29	N/A	<b>247.00</b> SSALF-08-RA-T4-A-SST	N/A	N/A
10"	CONCRETE	25	N/A	<b>277.00</b> SSALF-10-RA-T1-A-SST	N/A	<b>277.00</b> SSALF-10-RA-T1-A-BRS
	TYPE 4 (EPOXY)	48	N/A	<b>308.00</b> SSALF-10-RA-T4-A-SST	N/A	<b>308.00</b> SSALF-10-RA-T4-A-BRS
12"	CONCRETE		N/A	N/A	N/A	N/A
	TYPE 4 (EPOXY)	58	N/A	<b>347.00</b> SSALF-12-RA-T4-A-SST	N/A	<b>347.00</b> SSALF-12-RA-T4-A-BRS
14"	CONCRETE	49	N/A	N/A	N/A	<b>454.00</b> SSALF-14-RA-T1-A-3TPI
	TYPE 4 (EPOXY)		N/A	N/A	N/A	N/A
15" x 14" (15" Pipe Size)	CONCRETE		N/A	N/A	N/A	N/A
	TYPE 4 (EPOXY)	78	N/A	N/A	N/A	<b>492.00</b> SSALF-1514-RA-T4-A-BRS
16"	CONCRETE	53	N/A	N/A	N/A	<b>572.00</b> SSALF-16-RA-T1-A-3TPI
	TYPE 4 (EPOXY)		N/A	N/A	N/A	N/A
18"	CONCRETE		N/A	N/A	N/A	N/A
	TYPE 4 (EPOXY)	101	N/A	N/A	N/A	<b>1646.00</b> SSALF-18-RA-T4-A-3TPI
20"	CONCRETE		N/A	N/A	N/A	N/A
	TYPE 4 (EPOXY)	111	N/A	N/A	N/A	<b>1938.00</b> SSALF-20-RA-T4-A-3TPI

**Notes:** Type 4 is designed for Low Head 100 PSI.  
PIP pipe. 16" Valve and above is Special Order only

# SUNSHINE ALFALFA VALVE - REMOVABLE ARCH - REPLACEMENT PARTS

## SUNSHINE ALFALFA REMOVABLE ARCH PARTS

PART	VALVE SIZE							
	8"	10"	12"	14"	15" x 14"	16"	18"	20"
<b>Frame - Concrete Pipe</b> 40080271	<b>149.00</b>	<b>184.00</b>	<b>232.00</b>	<b>244.00</b>	N/A	<b>259.00</b>	<b>579.00</b>	N/A
<b>Frame - Type 4 Pipe (Epoxy)</b> 40008054	<b>149.00</b>	<b>184.00</b>	<b>232.00</b>	N/A	<b>290.00</b>	N/A	<b>579.00</b>	<b>979.00</b>
<b>Arch - Acme Thread</b> 44208002	<b>68.00</b>	<b>0.00</b>	<b>89.00</b>	<b>108.00</b>	<b>108.00</b>	<b>162.00</b>	<b>178.00</b>	<b>255.00</b>
<b>Cover Complete - Acme / Stainless</b> (Includes Cover, Gasket, and Screw Complete) 41508024	<b>151.00</b>	<b>186.00</b>	<b>173.00</b>	N/A	N/A	N/A	N/A	N/A
<b>Cover Complete - Acme / Bronze</b> (Includes Cover, Gasket, and Screw Complete) 41508022	<b>151.00</b>	<b>186.00</b>	<b>211.00</b>	<b>307.00</b>	<b>307.00</b>	<b>353.00</b>	<b>424.00</b>	<b>722.00</b>
<b>Cover Packed</b> 41208022	<b>57.00</b>	<b>76.00</b>	<b>92.00</b>	<b>113.00</b>	<b>113.00</b>	<b>235.00</b>	<b>288.00</b>	<b>325.00</b>
<b>Packing Gasket</b> 43508002	<b>9.00</b>	<b>12.00</b>	<b>13.00</b>	<b>15.00</b>	<b>15.00</b>	<b>18.00</b>	<b>26.00</b>	<b>33.00</b>
<b>Screw Complete - Acme / Stainless</b> (Includes Screw, Nut, & Washer) 43008015	<b>63.00</b>	<b>79.00</b>	<b>95.00</b>	N/A	<b>203.00</b>	<b>203.00</b>	N/A	N/A
<b>Screw Complete - Acme / Bronze</b> (Includes Screw, Nut, & Washer) 43008014	<b>74.00</b>	<b>90.00</b>	<b>95.00</b>	<b>203.00</b>	<b>203.00</b>	<b>203.00</b>	<b>312.00</b>	<b>312.00</b>
<b>Screw Only - Stainless Steel</b> Acme Thread 42508015	<b>50.00</b>	<b>68.00</b>	<b>76.00</b>	<b>95.00</b>	<b>95.00</b>	N/A	N/A	N/A
<b>Screw Only - Bronze</b> Acme Thread 42508014	<b>70.00</b>	<b>79.00</b>	<b>86.00</b>	<b>122.00</b>	<b>122.00</b>	<b>243.00</b>	<b>255.00</b>	<b>255.00</b>
<b>Tee Handle Bar - Bronze Screw</b> 50005006	<b>15.00</b>	<b>15.00</b>	<b>15.00</b>	<b>32.00</b>	<b>32.00</b>	<b>32.00</b>	<b>32.00</b>	<b>32.00</b>
<b>Brass Cover Nut - Acme Thread</b> 80208010	<b>7.00</b>	<b>12.00</b>	<b>12.00</b>	<b>12.00</b>	<b>12.00</b>	<b>12.00</b>	<b>12.00</b>	<b>12.00</b>
<b>UHMW Washer</b> 81808010	<b>7.00</b>	<b>12.00</b>	<b>12.00</b>	<b>12.00</b>	<b>12.00</b>	<b>12.00</b>	<b>12.00</b>	<b>12.00</b>
<b>Eccentric Latch</b> 101589	<b>11.00</b>	<b>11.00</b>	<b>11.00</b>	<b>11.00</b>	<b>11.00</b>	<b>11.00</b>	<b>11.00</b>	<b>11.00</b>
<b>Rivet</b> 1254	<b>5.00</b>	<b>5.00</b>	<b>5.00</b>	<b>5.00</b>	<b>5.00</b>	<b>5.00</b>	<b>5.00</b>	<b>5.00</b>

## DRAWBANDS (please order in bundles of 10 pcs.)

OD Size	Standard Draw Bands		Oversized Draw Bands	
	Item	Price Each	Item	Price Each
4"	90000300	16.00	900003001	16.00
6"	90000310	17.00	900003101	17.00
8"	90000320	17.00	900003201	17.00
10"	90000330	18.00	900003301	18.00
12"	90000340	18.00	900003401	18.00
14"	90000345	31.00	900003451	31.00
15"	90000350	33.00	900003501	33.00
16"	90000360	36.00	N/A	
18"	90000370	62.00	N/A	



# UNIVERSAL HYDRANT

HYDRANT SIZE (BODY x OUTLET)	PIPE STYLE	SINGLE OUTLET	WT. (LBS.)	SINGLE COMBINATION	WT. (LBS.)
6" x 6"	CENTER TENSION	N/A		N/A	
	HOOK TYPE	<b>549.00</b> 703210606	16	N/A	
8" x 6"	CENTER TENSION	<b>551.00</b> 703310806	22	<b>678.00</b> 703410806	24
	HOOK TYPE	<b>551.00</b> 703210806	20	N/A	
8" x 8"	CENTER TENSION	<b>551.00</b> 703310808	23	<b>678.00</b> 703410808	25
	HOOK TYPE	<b>551.00</b> 703210808	21	N/A	
10" x 6"	CENTER TENSION	<b>772.00</b> 703311006	22	<b>784.00</b> 703411006	25
	HOOK TYPE	<b>772.00</b> 703211006	20	N/A	
10" x 8"	CENTER TENSION	<b>753.00</b> 703311008	24	<b>784.00</b> 703411008	27
	HOOK TYPE	<b>755.00</b> 703211008	22	N/A	
10" x 10"	CENTER TENSION	<b>755.00</b> 703311010	32	<b>784.00</b> 703411010	39
	HOOK TYPE	<b>755.00</b> 703211010	30	N/A	



Hydrant

## UNIVERSAL HYDRANT

- Center tension or hook type connection to alfalfa riser valve
- Outlet compatible with pierce-style gasket pipe

## UNIVERSAL HYDRANT

HYDRANT SIZE (BODY x OUTLET)	PIPE STYLE	SINGLE OUTLET	WT. (LBS.)	SINGLE COMBINATION	WT. (LBS.)
12" x 6"	CENTER TENSION	<b>831.00</b> 703311206	30	<b>854.00</b> 703411206	37
	HOOK TYPE	<b>831.00</b> 703211206	28	N/A	
12" x 8"	CENTER TENSION	<b>813.00</b> 703311208	32	<b>854.00</b> 703411208	39
	HOOK TYPE	<b>813.00</b> 703211208	30	N/A	
12" x 10"	CENTER TENSION	<b>813.00</b> 703311210	33	<b>1005.00</b> 703411210	40
	HOOK TYPE	<b>813.00</b> 703211210	31	N/A	
12" x 12"	CENTER TENSION	<b>899.00</b> 703311212	34	<b>1005.00</b> 703411212	41
	HOOK TYPE	<b>899.00</b> 703211212	32	N/A	
14" x 8"	CENTER TENSION	<b>1472.00</b> 703311408	49	<b>1518.00</b> 703411408	56
	HOOK TYPE	<b>1472.00</b> 703211408	47	N/A	
14" x 10"	CENTER TENSION	<b>1442.00</b> 703311410	51	<b>1518.00</b> 703411410	58
	HOOK TYPE	<b>1442.00</b> 703211410	49	N/A	
14" x 12"	CENTER TENSION	<b>1800.00</b> 703311412	52	N/A	
	HOOK TYPE	<b>1800.00</b> 703211412	50	N/A	

# UNIVERSAL HYDRANT PARTS

PART	VALVE SIZE				
	6"	8"	10"	12"	14"
<b>Bottom Gasket</b>	<b>39.00</b> 43506032	<b>44.00</b> 43508032	<b>48.00</b> 43510032	<b>55.00</b> 43512032	<b>64.00</b> 43514032
<b>O-Ring Seals (ea.)</b>	<b>4.00</b> 43200212	<b>4.00</b> 43200212	<b>4.00</b> 43200212	<b>4.00</b> 43200212	<b>4.00</b> 43200212
<b>Center Tension Screw</b>	N/A	<b>87.00</b> 98208005	<b>90.00</b> 98210005	<b>97.00</b> 98212005	<b>108.00</b> 98214005
<b>Center Tension Clutch - Steel</b>	N/A	<b>47.00</b> 9820008	<b>47.00</b> 9820008	<b>47.00</b> 9820008	<b>47.00</b> 9820008
<b>Clutch Bolt w/ Nut</b>	<b>8.00</b> 98200009	<b>8.00</b> 98200009	<b>8.00</b> 98200009	<b>8.00</b> 98200009	<b>8.00</b> 98200009
<b>Center Tension Lift Nut Assembly (Includes Handle, Nut, Pin, and Washer)</b>	N/A	<b>87.00</b> 98200012	<b>87.00</b> 98200012	<b>87.00</b> 98200012	<b>87.00</b> 98200012
<b>Center Tension Lift Handle</b>	N/A	<b>21.00</b> 64401113	<b>21.00</b> 64401113	<b>21.00</b> 64401113	<b>21.00</b> 64401113
<b>Center Tension Lift Nut</b>	N/A	<b>61.00</b> 98200024	<b>61.00</b> 98200024	<b>61.00</b> 98200024	<b>61.00</b> 98200024
<b>Center Tension Lift Pin</b>	N/A	<b>8.00</b> 98202725	<b>8.00</b> 98202725	<b>8.00</b> 98202725	<b>8.00</b> 98202725
<b>Center Tension Brass Washer</b>	N/A	<b>6.00</b> 98200010	<b>6.00</b> 98200010	<b>6.00</b> 98200010	<b>6.00</b> 98200010
<b>Hook Stem - Aluminum</b>	<b>52.00</b> 98201007	<b>67.00</b> 98203007	<b>67.00</b> 98203007	<b>67.00</b> 98203007	<b>75.00</b> 98204007
<b>Hook Clutch - Aluminum</b>	<b>29.00</b> 98299001	<b>29.00</b> 98299001	<b>29.00</b> 98299001	<b>29.00</b> 98299001	<b>29.00</b> 98299001
<b>Side Hook Assembly (Incl. Hook, Pin, Spring, Washer, &amp; Stirrup)</b>	<b>39.00</b> 98200016	<b>39.00</b> 98200016	<b>39.00</b> 98203016	<b>39.00</b> 98203016	<b>39.00</b> 98203016
<b>Side Hook</b>	<b>25.00</b> 98201017	<b>25.00</b> 98201017	<b>31.00</b> 98202017	<b>31.00</b> 98202017	<b>31.00</b> 98202017
<b>Hook Handle (Incl. Hook, Pin)</b>	<b>11.00</b> 98200019	<b>11.00</b> 98200019	<b>11.00</b> 98200019	<b>11.00</b> 98200019	<b>11.00</b> 98200019
<b>Hook Pin</b>	<b>3.00</b> 2699	<b>3.00</b> 2699	<b>3.00</b> 2699	<b>3.00</b> 2699	<b>3.00</b> 2699
<b>Hook Spring<sup>1</sup></b>	<b>5.00</b> 98200021	<b>5.00</b> 98200021	<b>5.00</b> 98201021	<b>6.00</b> 98202021	<b>6.00</b> 98202021
<b>Hook Washer</b>	<b>2.00</b> 98202980	<b>2.00</b> 98202980	<b>2.00</b> 98202980	<b>2.00</b> 98202980	<b>2.00</b> 98202980
<b>Hook Stirrup - Brass Nut</b>	<b>15.00</b> 98200022	<b>15.00</b> 98200022	<b>15.00</b> 98200022	<b>15.00</b> 98200022	<b>15.00</b> 98200022
<b>Hook Stirrup - Stainless Steel Nut</b>	<b>13.00</b> 98200025	<b>13.00</b> 98200025	<b>13.00</b> 98200025	<b>13.00</b> 98200025	<b>13.00</b> 98200025
<b>Weld-On Hook Lug</b>	<b>26.00</b> 98200023	<b>26.00</b> 98200023	<b>26.00</b> 98200023	<b>26.00</b> 98200023	<b>26.00</b> 98200023
<b>Handwheel</b>	<b>55.00</b> 98200000	<b>55.00</b> 98200000	<b>55.00</b> 98200000	<b>55.00</b> 98200000	<b>55.00</b> 98200000
<b>Pierce Gasket</b>					

Notes: <sup>1</sup> Please advise if your hydrant has a raised or flat top



AV-150

**SERIES AV-150 ALUMINUM BODY AIR VENT** uses a hard, precision ground, inert solid plastic float ball which prevents “sticking” in the closed position. The float ball seats against a precision o-ring providing a tight seal at very low pressures where other vents often leak. Rated to 150 psi on the 1.5" and 2" and 100 psi on the 3" and 4". The aerodynamic “air-flow” design of a high strength alloy aluminum body and full baffle assures maximum vent capacity without premature closing.

## AV-150 AIR RELIEF VALVE

VALVE SIZE NPT	WT. (LBS.)	PRICE	QTY
1 ½"	1	<b>34.00</b> AV150-015	1
2"	2	<b>41.00</b> AV150-020	1
2" Classic Flat Top	2.2	<b>41.00</b> AV150-020-CL	1
3"	3	<b>83.00</b> AV150-030	1
4"	6	<b>166.00</b> AV150-040	1

## AV-150 AIR VALVE PARTS

PART	VALVE SIZE			
	1 ½"	2"	3"	4"
<b>Baffle</b>	<b>10.00</b> 46000048	<b>12.00</b> 46001048	<b>13.00</b> 46003048	<b>14.00</b> 46004048
<b>Float Ball</b>	<b>15.00</b> 47048150	<b>18.00</b> 47048212	<b>19.00</b> 47048321	<b>20.00</b> 47048400
<b>Seat Seal</b>	<b>4.00</b> 43201047	<b>5.00</b> 43201049	<b>5.00</b> 43203048	<b>6.00</b> 43204048

# AIR RELIEF VALVES

## AVP-1 PLASTIC AIR RELIEF VALVE

VALVE SIZE	WT. (LBS.)	PRICE
1"	2	20.00



AVP

## CR-101 CONTINUOUS ACTING AIR RELIEF VALVE (RATED TO 100 PSI)

VALVE SIZE	WT. (LBS.)	PRICE
2"	15	290.00 CR101-02
3"	16	312.00 CR101-03
4"	22	410.00 CR101-04

**SERIES CR-101 ALUMINUM BODY CONTINUOUS ACTING AIR VENT AND VACUUM RELIEF VALVE** continually provides high-volume air and vacuum protection, insures full line capacity, and conserves pump horsepower. It seals at pressures as low as 2 psi



CR-101

## CR-101 HP CONTINUOUS ACTING AIR VALVE (RATED TO 300 PSI)

VALVE SIZE	WT. (LBS.)	PRICE
2"	16	1144.00 CR101HP-02
3"	17	1834.00 CR101HP-03
4"	23	1949.00 CR101HP-04



High Pressure Model

## CR-101 AIR VALVE PARTS

PART	VALVE SIZE		
	2"	3"	4"
<b>Base - Cast Iron</b>	<b>89.00</b> 40602057	<b>110.00</b> 40603057	<b>142.00</b> 40604057
<b>Body - Aluminum</b>	<b>139.00</b> 40502058	<b>167.00</b> 40503058	<b>212.00</b> 40504058
<b>Poppet Assembly</b> (Includes Poppet, Guide, and Indicator Knob)	<b>150.00</b> 45902058	<b>180.00</b> 45903058	<b>293.00</b> 45904058
<b>Poppet</b>	<b>115.00</b> 45802058	<b>145.00</b> 45803058	<b>150.00</b> 45804058
<b>Guide</b>	<b>15.00</b> 52502312	<b>15.00</b> 52502312	<b>15.00</b> 52502312
<b>Indicator Knob</b>	<b>5.00</b> 51001001	<b>5.00</b> 51001001	<b>5.00</b> 51001001
<b>Float Cylinder</b>	<b>70.00</b> 47002057	<b>110.00</b> 47003058	<b>110.00</b> 47003058
<b>Baffle</b>	<b>8.00</b> 71121240020	<b>13.00</b> 71121150020	<b>15.00</b> 71121350020
<b>Stud (ea.)</b>	<b>6.00</b> 7600302027	<b>6.00</b> 7600302028	<b>19.00</b>
<b>Body Gasket (O-Ring)</b>	<b>7.00</b> 43200001	<b>11.00</b> 43505001	<b>10.00</b> 43506002

AIR RELIEF VALVES

## CRP-8 CONTINUOUS ACTING AIR RELIEF VALVE

VALVE SIZE NPT	WT. (LBS.)	PRICE
1"	1.5	Call for availability CRP8-01
2"	5	Call for availability CRP8-02
3"	12.5	Call for availability CRP8-03



CRP-8

## CRP-8 AIR VALVE PARTS

PART	VALVE SIZE	
	2"	3"
<b>Base</b>	<b>37.00</b> 40602059	<b>98.00</b> 40603059
<b>Body</b>	<b>63.00</b> 40502059	<b>74.00</b> 1800455
<b>Poppet</b>	<b>52.00</b> 45902059	<b>52.00</b> 45903059
<b>Indicator Knob</b>	<b>5.00</b> 51001001	<b>5.00</b> 51001001
<b>Float Ball</b>	<b>70.00</b> 47002058	<b>110.00</b> 47003058
<b>Baffle</b>	<b>10.00</b> 46002059	<b>12.00</b> 46003059
<b>Stainless Steel Bolt &amp; Washer</b> (ea.) 8 required	<b>6.00</b> 2214 (bolt), 2925 (washer), 2919 (FW)	<b>6.00</b> 2214 (bolt), 2925 (washer), 2919 (FW)
<b>Base Gasket</b>	<b>6.00</b> 43501200	<b>7.00</b> 43501300

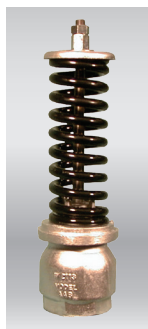
# PRESSURE RELIEF VALVES

## AA-6B RELIEF VALVE

VALVE SIZE	PSI RANGE	WT.(LBS.)	FIELD SET	FACTORY SET
2"	11 - 65 PSI	6	<b>153.00</b> AA6B-02-FLD11-65	<b>188.00</b> AA6B-02-FAC11-65
	66 - 120 PSI	10	<b>153.00</b> AA6B-02-FLD66-120	<b>188.00</b> AA6B-02-FAC66-120
2 1/2"	11 - 65 PSI	6	N/A	<b>192.00</b> AA6B-025-FAC11-65
	66 - 120 PSI	10	N/A	<b>192.00</b> AA6B-025-FAC66-120

## AA-96B RELIEF VALVE (ALUMINUM BODY)

VALVE SIZE	PSI RANGE	WT. (LBS.)	FIELD SET	FACTORY SET
3"	11 - 40 PSI	8	<b>201.00</b> AA96B-03-FLD11-40	<b>236.00</b> AA96B-03-FAC11-40
	41 - 100 PSI	12	<b>201.00</b> AA96B-03-FLD41-100	<b>236.00</b> AA96B-03-FAC41-100
	101 - 150 PSI	15	<b>201.00</b> AA96B-03-FLD101-151	<b>236.00</b> AA96B-03-FAC101-150
4"	11 - 34 PSI	18	<b>265.00</b> AA96B-04-FLD11-34	<b>296.00</b> AA96B-04-FAC11-34
	35 - 60 PSI	23	<b>265.00</b> AA96B-04-FLD35-60	<b>296.00</b> AA96B-04-FAC35-60
	61 - 105 PSI	29	<b>265.00</b> AA96B-04-FLD61-105	<b>296.00</b> AA96B-04-FAC61-105
	106 - 150 PSI	17	<b>265.00</b> AA96B-04-FLD106-150	<b>296.00</b> AA96B-04-FAC106-150



AA6B



AA96B



## AA-96C RELIEF VALVE (COVERED)

VALVE SIZE	PSI RANGE	WT. (LBS.)	FIELD SET	FACTORY SET
3"	11 - 40 PSI	9	N/A	<b>269.00</b> AA96B-03-FAC11-40-COV
	41 - 100 PSI	13	N/A	<b>269.00</b> AA96B-03-FAC41-100-COV
	101 - 150 PSI	16	N/A	<b>308.00</b> AA96B-03-FAC101-150-COV
4"	11 - 34 PSI	19	N/A	<b>336.00</b> AA96B-04-FAC11-34-COV
	35 - 60 PSI	25	N/A	<b>347.00</b> AA96B-04-FAC35-60-COV
	61 - 105 PSI	31	N/A	<b>384.00</b> AA96B-04-FAC61-105-COV
	106 - 150 PSI	18	N/A	<b>384.00</b> AA96B-04-FAC106-150-COV

Notes: Model AA-96C is available as Factory Set only

## AA-60D RELIEF VALVE (DIRECTIONAL OUTLET, WITH 2" FPT)

VALVE SIZE	PSI RANGE	WT. (LBS.)	FIELD SET	FACTORY SET
2"	11 - 65 PSI	10	N/A	<b>417.00</b> AA60D-02-FACT11-65
	66 - 120 PSI	14	N/A	<b>417.00</b> AA60D-02-FACT66-120

Notes: Model AA-60D is available as Factory Set only



AA60D



AA696C



AA96C

## AA-96D RELIEF VALVE

VALVE SIZE	PSI RANGE	WT. (LBS.)	FIELD SET	FACTORY SET
3"	11 - 40 PSI	11	N/A	<b>453.00</b> AA96B-03-FAC11-40-DIR
	41 - 120 PSI	15	N/A	<b>453.00</b> AA96B-03-FAC41-100-DIR
	101 - 120 PSI	18	N/A	<b>453.00</b> AA96B-03-FAC101-150-DIR
4"	11 - 34 PSI	23	N/A	<b>574.00</b> AA96B-04-FAC11-34-DIR
	35 - 60 PSI	29	N/A	<b>574.00</b> AA96B-04-FAC35-60-DIR
	61 - 105 PSI	39	N/A	<b>574.00</b> AA96B-04-FAC61-105-DIR
	106 - 120 PSI	22	N/A	<b>574.00</b> AA96B-04-FAC106-150-DIR

Notes: Model AA-96D is available as Factory Set only. The directional outlet is 3/4" female pipe threaded for attachment of relief piping.

# PRESSURE RELIEF VALVES

## AA-9 RELIEF VALVE

VALVE SIZE	PSI RANGE	WT. (LBS.)	PRICE
6"	11 - 34 PSI	54	<b>931.00</b> AA9-06-FAC11-34
	35 - 80 PSI	80	<b>931.00</b> AA9-06-FAC35-80
	81 - 120 PSI	93	<b>931.00</b> AA9-06-FAC81-120

## AA SERIES PARTS

PART	AA-6 PARTS		AA-96 PARTS		AA-9 PARTS
	2"	2 1/2"	3"	4"	6"
<b>Base</b>	<b>101.00</b> 40601060	<b>101.00</b> 40602060	<b>139.00</b> 40603064	<b>150.00</b> 40604061	<b>182.00</b> 40606062
<b>Cover Complete</b> (includes cover, gasket, retainers and screws)	<b>87.00</b> 41003062	<b>87.00</b> 41003062	<b>112.00</b> 41003061	<b>128.00</b>	N/A
<b>O-Ring Seals (ea.)</b>	<b>5.00</b> 43200114	<b>5.00</b> 43200114	<b>5.00</b> 43200114	<b>5.00</b> 43200114	<b>5.00</b> 43200216
<b>Spring Retainer</b>	N/A	N/A	<b>36.05</b> 57101060	<b>36.05</b> 57101060	<b>107.12</b> 57106062
<b>Spring Guide Washer</b>	<b>4.00</b> 82001003	<b>4.00</b> 82001003	N/A	N/A	N/A
<b>Seal Wire</b>	<b>5.00</b> 64201001	<b>5.00</b> 64201001	<b>5.00</b> 64201001	<b>5.00</b> 64201001	<b>5.00</b> 64201001
<b>Spring Cover w/ Drive Screws</b>	N/A	N/A	<b>60.00</b> 56503062	<b>70.00</b> 56504062	<b>107.00</b> 56506062
<b>Guide Rod Nuts</b>	<b>5.00</b> 80302602	<b>5.00</b> 80302602	<b>5.00</b> 80306050	<b>5.00</b> 80306050	<b>5.00</b> 80306050

Notes: For AA-60D parts, see 2" AA-6 parts list

# C-10 CANAL GATE ORDERING INFORMATION

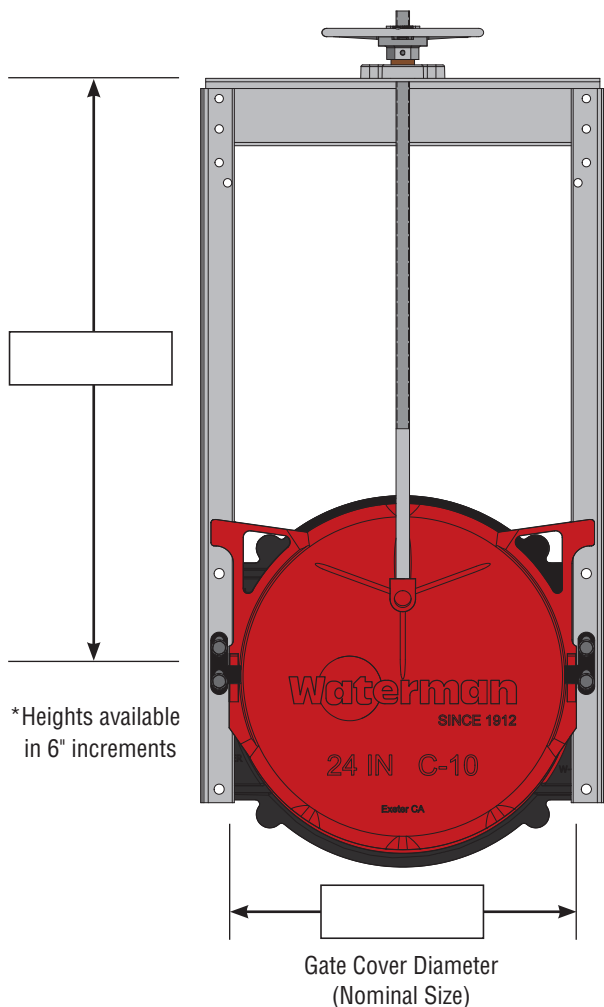
## Contact Information

Company Name: \_\_\_\_\_ Currently Set up as a Waterman dealer? Yes  No

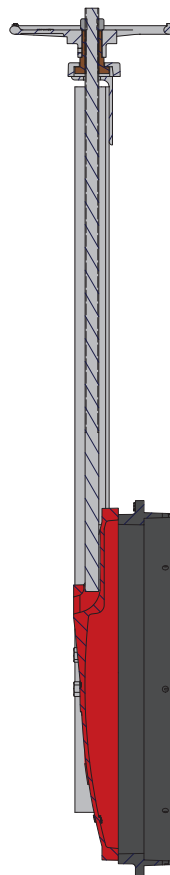
Contact Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

Email Address: \_\_\_\_\_ Job Name: \_\_\_\_\_

### 1. Select Gate Diameter and Choose Height



### 2. Select Mounting Type



- CMP Stub with Stub, indicate pipe length of 2', 4' or 6' in comments section
- Flat Back
- Pipe Adapter ID (HDPE or PVC)
- Spigot Back for CMP
- Taper Setting Collar for RCP

#### Spigot Machined to Fit Steel Pipe OD?

- Yes
- No

#### Select Stem Thread + Direction

- 3 Threads Per Inch, Right (3TR)  
(Not Available in Stainless Steel)
- 4 Threads Per Inch, Right (4TR)
- 4 Threads Per Inch, Left (4TL)

### 3. Select Materials

#### Frame Material:

- Galvanized Steel (Galv)
- Painted Steel (PTD)
- Stainless Steel 304 (SS304)
- Stainless Steel 316 (SS316)

#### Stem Material:

- Cold Rolled Steel
- Stainless Steel 304
- Stainless Steel 316

### Additional Comments

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# C-20 CANAL GATE ORDERING INFORMATION

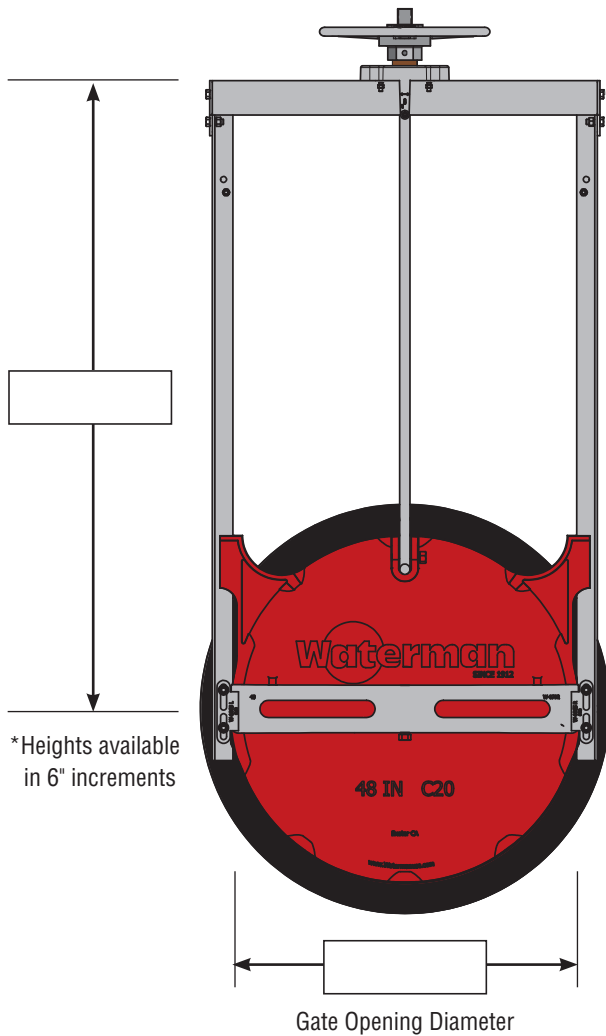
## Contact Information

Company Name: \_\_\_\_\_ Currently Set up as a Waterman dealer? Yes  No

Contact Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

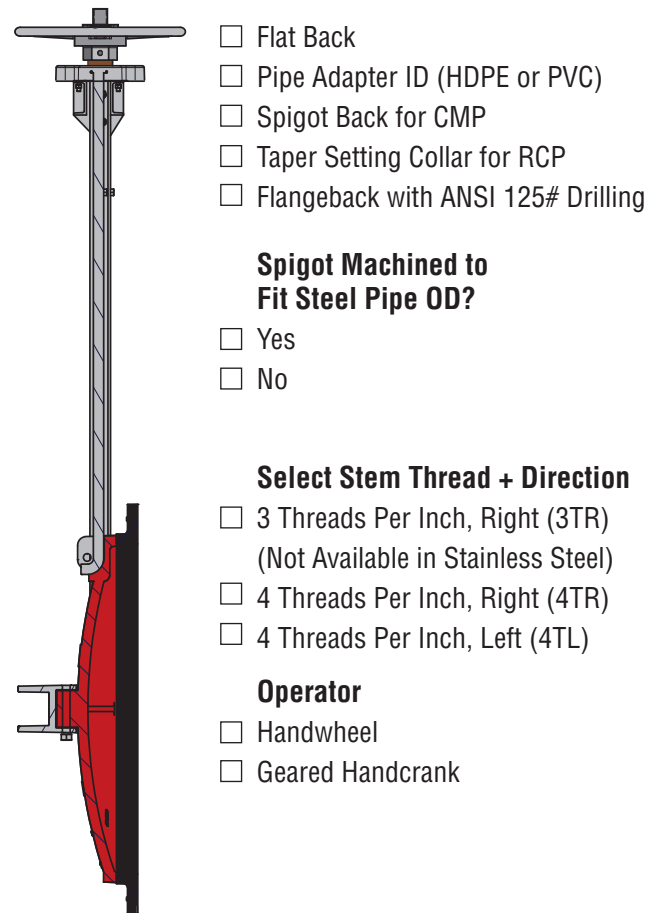
Email Address: \_\_\_\_\_ Job Name: \_\_\_\_\_

## 1. Select Gate Diameter and Choose Height



\*Heights available in 6" increments

## 2. Select Mounting Type, Stem + Operator



## 3. Select Materials

### Frame Material:

- Galvanized Steel (GALV)
- Painted Steel (PTD)
- Stainless Steel 304 (SS304)
- Stainless Steel 316 (SS316)

### Stem Material:

- Cold Rolled Steel
- Stainless Steel 304
- Stainless Steel 316

## Additional Comments

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

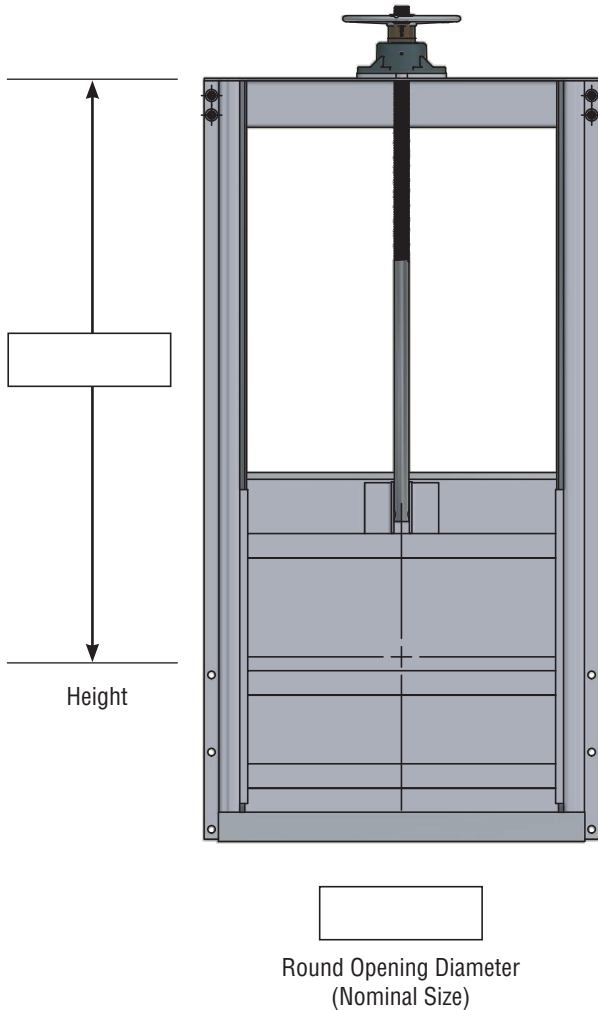
## Contact Information

Company Name: \_\_\_\_\_ Currently Set up as a Waterman dealer? Yes  No

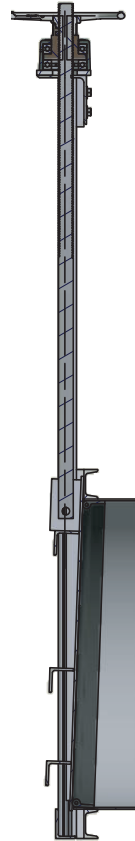
Contact Name: \_\_\_\_\_ Phone number: \_\_\_\_\_

Email Address: \_\_\_\_\_ Job Name: \_\_\_\_\_

### 1. Select Diameter and Choose Height



### 2. Select Mounting Type



- Flat Back (wall mount)
- Spigot Back for connection to pipe (specify pipe I.D.)
- Flange Mounting 125# ANSI

**Options Desired:**

- Non-rising Stem
- Stem Cover

Note: AC-31 is a fabricated gate designed to work with round openings or connection to pipe.

### 3. Select Lift

- Hand Wheel (for 24" + below only)
- Geared Handcrank Lift (required 30" + larger, optional otherwise)
- Motor Operator (provide comments)

### Additional Comments

\_\_\_\_\_

\_\_\_\_\_

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# GET TO KNOW MCWANE PLANT & INDUSTRIALS' WATERMAN BRAND

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McWane Plant & Industrials' Waterman brand is a leading supplier of water control products to the water treatment, rural water distribution, industrial processing and agricultural industries . The Waterman brand was founded by W.A. Waterman in 1912 as a fabricator of metal components for the growing California Central Valley agricultural markets. Waterman's purchase of the Red Top line in the early 1930's gave the company a leading position in both agricultural water distribution and on-farm water management products.

Herrick Waterman became company President in 1953, and rapidly expanded the company into production of large and complex sluice gates, slide gates and radial gates for water projects throughout the Western States. A new plant was opened in 1963 to support the growth which led to projects worldwide. The Waterman brand remains one of North America's leading suppliers of gates for municipal water treatment and rural water distribution systems.

In 2018, Waterman was acquired by McWane, Inc. McWane, Inc. is a family-owned business based in Birmingham, Alabama, with companies across the United States and the world. The McWane Family of Companies cast ductile iron products—including pipe, valves, hydrants, fittings, and plumbing products—manufacture fire extinguishers, fire suppression systems, steel pressure vessels, build network switches and monitoring equipment. They are the leader in delivering clean, safe drinking water around the world while focusing on the safe, environmentally-friendly manufacturing of our products.



MPI - MCWANE PLANT & INDUSTRIAL  
1201 Vanderbilt Road, Birmingham, AL 35234 USA • Tel: (866) 924-8674 • Fax: (559) 562.2277  
Nationwide Order Desk: (800) 331.0808  
watermanquotes@mcwanepi.com • www.mcwanepi.com