

Canal Gates SS,FS,CPS

Canal Gates fill the need for a gate stronger and more rugged than the conventional slide gate and can be used where the pressure is moderate. The frame is of heavy channel, angle, and flat iron arc welded into a strong rigid assembly. The sealing surface is machined for flatness and best water sealing qualities. The entire frame is zinc plated after fabrication to prevent corrosion. The slide is operated by a channel iron handle and the spring tension on the slide allows it to be set in any position desired. Setting screws facilitate the installation of SS gates. On sizes 16" and larger the handles are double. Longer handles are available at slight extra cost.

**Dimension
from top of
tube to top
of screw
lift frame**

Dimension from top of tube to top of screw lift frame	Handle	Height of Frame	Width of Frame	Width of Slide	Tube Length	Tube Dia.	Approx Weight	Size
17"	Single 3 Ft.	12 ³ / ₄ "	6 ³ / ₄ "	6 ³ / ₈ "	3"	5 ³ / ₄ "	7.7	6"
21"	Single 3 Ft.	16 ³ / ₄ "	8 ³ / ₄ "	8 ³ / ₈ "	3"	7 ³ / ₄ "	9.7	8"
24 ¹ / ₂ "	Single 3 Ft.	20 ¹ / ₄ "	10 ¹ / ₂ "	10 ¹ / ₈ "	3"	9 ¹ / ₂ "	12.0	10"
28 ¹ / ₂ "	Single 3 Ft.	24 ¹ / ₄ "	12 ¹ / ₂ "	12 ¹ / ₈ "	3"	11 ¹ / ₂ "	14.5	12"
32"	Single 3 Ft.	28 ¹ / ₄ "	14 ¹ / ₂ "	14 ¹ / ₈ "	3"	13 ¹ / ₂ "	17.2	14"
34"	Single 3 Ft.	30 ¹ / ₄ "	15 ¹ / ₂ "	15 ¹ / ₈ "	3"	14 ¹ / ₂ "	19.2	15"
36"	Double 3 Ft.	32 ¹ / ₄ "	16 ¹ / ₂ "	16 ¹ / ₈ "	3"	15 ¹ / ₂ "	20.7	16"
40 ¹ / ₂ "	Double 3 Ft.	36 ¹ / ₄ "	18 ¹ / ₂ "	18 ¹ / ₈ "	3"	17 ¹ / ₂ "	24.0	18"
44 ¹ / ₂ "	Double 4 Ft.	40 ¹ / ₄ "	20 ¹ / ₂ "	20 ¹ / ₈ "	3"	19 ¹ / ₂ "	36.0	20"
46 ¹ / ₂ "	Double 4 Ft.	42 ¹ / ₄ "	21 ¹ / ₂ "	21 ¹ / ₈ "	3"	20 ¹ / ₂ "	37.5	21"
52 ¹ / ₂ "	Double 4 Ft.	48 ¹ / ₄ "	24 ¹ / ₂ "	24 ¹ / ₈ "	3"	23 ¹ / ₂ "	46.0	24"
	Double 4 Ft.	60 ³ / ₄ "	30 ³ / ₄ "	30 9/16"	3"	29 ¹ / ₂ "	72.0	30"
	Double 4 Ft.	72 ³ / ₄ "	36 ³ / ₄ "	36 9/16"	3"	35 ¹ / ₂ "	95.0	36"

SL (Screw Lift) Canal Gate

This gate is the regular canal gate with a screw lift added, the advantages of which are obvious. The screw has a 6 pitch Acme thread for fast action and operates the slide linkage through a brass nut for smooth action. All parts are either galvanized or zinc plated to resist corrosion. The screw lift section is kept as compact as possible and an extension sleeve is provided for each gate so that with the addition of 3/4" round mild steel rod the control handle may be set at any height. The screw lift section is designed so that it may be added to a conventional canal gate already installed. We recommend that screws be greased periodically with water pump type of grease.

