



AC-31-F

## ALUMINUM CANAL GATES—AC-31 SERIES

Best in class design for corrosion-resistant, rust-proof installations. Heavy-duty, yet labor-saving, lightweight installation. Eliminates electrolysis when using cast iron gates with aluminum pipe. Seating heads to 30 feet, unseating heads to 20 feet. Many options, sizes and configurations available. Consult factory with your requirements.

- Tight closure with tapered wedge seating, low friction opening.
- Nearly drip-tight performance. Rugged, replaceable J-bulb seal.
- UHMW Polyethylene guide inserts. Stainless steel stem, bronze lift nut.



SSC-10

## SSC-10 SERIES STAINLESS STEEL CANAL GATES – CIRCULAR OPENING

### BUILT FOR SUPERIOR PERFORMANCE

- Stainless steel major components for optimum corrosion resistance.
- Tapered wedge seating.
- Maximum seating head 10'; not for use with unseating head.

## COMBINATION DRAINAGE & CANAL GATES—FC-10 SERIES

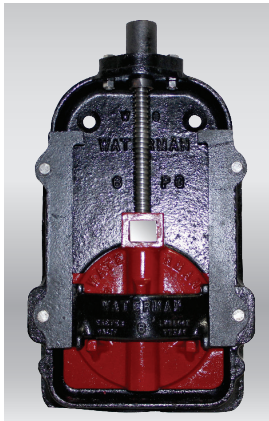
The FC-10 combines a C-10 canal gate and the F-10 drainage flap gate in a single unit. When the unit is closed, the flap functions as an automatic drainage gate. The gate can be raised to permit backflow when desired. See C-10 canal gate for specifications and options.



FC-10

### WATERMAN CANAL GATES SELECTION GUIDE

GATE DIAMETER	C-10 CAST IRON MAXIMUM HEAD (FEET)		C-20 CAST IRON MAXIMUM HEAD (FEET)		SSC-10 STAINLESS MAXIMUM HEAD (FEET)		AC-31 ALUMINUM MAXIMUM HEAD (FEET)	
	SEATING	UNSEATING	SEATING	UNSEATING	SEATING	UNSEATING	SEATING	UNSEATING
6	23	0	35	10				
8	23	0	35	10				
10	23	0	35	10				
12	23	0	35	10	10	0	30	20
14	23	0	32	10				
15	23	0	32	10	10	0	30	20
16	23	0	32	10				
18	23	0	32	10	10	0	30	20
20	23	0	26	10				
21	23	0	26	10				
24	23	0	26	10	10	0	30	20
30	11	0	20	10	10	0	30	20
36	11	0	20	10	10	0	20	20
42	9	0	20	10	10	0	20	20
48	9	0	20	10	10	0	15	15
54	6	0					15	15
60	6	0					15	15
66	6	0					10	10
72	6	0					10	10
84							10	10



P-30

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

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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. Size range: 6" to 24".

### KEY FEATURES:

- Seat faces are iron (bronze optional). Guide rails on 6"- 14" are cast iron. Guide rails on 16" and larger are stainless steel.
- For 60 foot seating (face) pressure and 10 foot unseating (back) pressure
- Non-Rising bronze stem standard. Sizes up to 14" have tee-handle, larger sizes have hand wheel.

## LINE GATES—H-30 "RED TOP" SERIES

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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
- 10 feet maximum unseating (back) pressure
- Non-rising stainless steel stem, with bronze nut and precision machined double lead Acme threads
- Bronze packing gland nut and lift nut
- Hand wheel standard; 2" square operating nut optional

### OPTIONS:

- V-notch opening for metering
- Waterman M-1 operating pedestal with sliding valve position indicator pointer.



H-30



H-30 with V-notch opening