

C-2 AND C-8 DITCH GATES



- SIZES 4" TO 24"
- STAINLESS STEEL CONSTRUCTION
- RATED FOR 2 FEET OF SEATING HEAD

MARKETS



SPECIFICATIONS

Size Range	C-2 (STD): 6"-24" C-2 (T4): 6"-15" C-8 (STD): 4"-24"
Head Pressures	2 feet of seating head
Frame & Slide Material	Stainless steel ASTM F-593 & F-594, Type 304
Seal Material	C-2: Stainless steel ASTM F-593 & F-594, Type 304 C-8: Neoprene ASTM D-2000
Mounting	C2 (STD): RCP & CMP C2 (T4): PIP C8 (STD): Most typical Ag pipes
Assembly and Mounting Hardware	Stainless steel ASTM F-593 & F-594 Type 304



FEATURES AND BENEFITS

Longer Life, Less Maintenance

The all-new Waterman C-2 and C-8 Ditch Gates are the first in the market to be made entirely from stainless steel, which delivers long-term strength, corrosion resistance, and dependable performance in environments that are constantly exposed to water, sediment, and fluctuating weather. Unlike coated metals that rely on surface treatments, stainless steel maintains its integrity throughout its entire thickness, ensuring the gate won't rust, warp, or degrade over time. Its rigidity helps the gate maintain a tight seal, improving flow control and reducing leakage, while its smooth, non-porous surface minimizes maintenance and prevents buildup of debris or contaminants.

Two Different Mounting Options

The C-2 Ditch Gates are offered with two mounting configurations: standard spigot-back and Type 4, each designed to suit different installation conditions. The spigot-back style features a cylindrical extension that fits directly into a reinforced concrete pipe (RCP) or corrugated metal pipe (CMP), creating a secure, well-aligned connection that helps maintain proper flow direction and minimizes leakage around the gate. In contrast, the Type 4 mounting uses an extended, flanged frame designed to be embedded into plastic irrigation pipe (PIP), providing additional stability and ensuring a tight seal even when the surrounding surface is uneven or non-uniform. The C-8 (STD) versatile neoprene sealing design allows for tight seal and easy installation for most typical irrigation pipes, simplifying the ordering process. Together, these mounting options give installers the flexibility to match the gate to the site's structural layout, while ensuring reliable performance and long-term durability.

C-2 Advantage: Simple, 2-Piece Design

The simple two-piece design offers reliable performance because the rolled seating surface naturally compresses the slide into the frame, creating a tight, dependable seal without the need for complex hardware. The minimal-component construction reduces points of failure, simplifies maintenance, and enhances long-term durability, making this style of gate especially effective for ditch and canal flow control where ease of operation and dependable sealing are essential.



C-8 Advantage: Locking Mechanism

The C-8 Ditch Gate's cam-lock system provides a practical way to secure the slide at a midpoint, giving operators precise control over water flow without needing to fully open or close the gate. The mechanism uses a rotating cam lock and wedge seal that engages against the slide, holding it firmly in place through mechanical compression rather than relying solely on water pressure. By enabling secure mid-travel locking, the cam-lock system enhances the gate's versatility and ensures consistent performance in irrigation, drainage, and other ditch gate applications.



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MPI - MCWANE PLANT & INDUSTRIAL
1201 Vanderbilt Road, Birmingham, AL 35234
866.924.8674 • mcwanepi.com • sales@mcwanepi.com