



Valves

Handling the world's dry bulk solids®

VORTEX® QUICK CLEAN ORIFICE GATE™

The Vortex® Quick Clean Orifice Gate™ is a Clean Out of Place gate valve designed for frequent cleaning. The valve features a full-port opening and self-cleaning design. It can be disassembled and assembled in minutes without any tools. The valve can be modified to a USDA Dairy Standard Accepted rating and is an excellent choice for applications requiring daily sanitation of equipment. The Quick Clean Orifice Gate™ is designed to eliminate problems, enabling you to meet your objectives by increasing production, while decreasing labour and equipment costs.

Vortex® Quick Clean Orifice Gate™ Features

- FDA Approved Materials, USDA Dairy Standard Accepted Available
- Positive Seal of Dust and Fine Powders
- Valve Internals Accessed without Tools
- Easy Installation and Maintenance



Valve Specifications

Size/Bore Options	50mm to 200mm Diameters
Media	Powder, Pellets, Granulars
Connection	Ferule Connection, and/or Tube Stub
Media Temperature	Up to 82°C continuous service, Modifications allow up to 121°C continuous service
Media Pressure	0 barg, Gravity Flow Only
Metal Construction Options	304 or 316L Stainless Steel Valve Body
Seal/Seat Material Options	PET, Silicon Sponge, and/or USDA Dairy rated Silicon
Drive/Actuation Options	Double Acting Air Cylinder with Solenoid Operated Air Control Valve
Position Confirmation	Magnetic Reed Switch
Compliance/Approvals	CE, ATEX, FDA, USDA
Industry Use	Pharmaceuticals, Pigments, Chemicals, Dairy



Patent No. 5938175

Application Specific Modifications

S	Material contact is 316L stainless steel.
NP	Nickel plated aluminium air cylinder.
SAN	USDA Dairy Standard Accepted.