



# 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, increasing production, while decreasing labor and equipment costs.

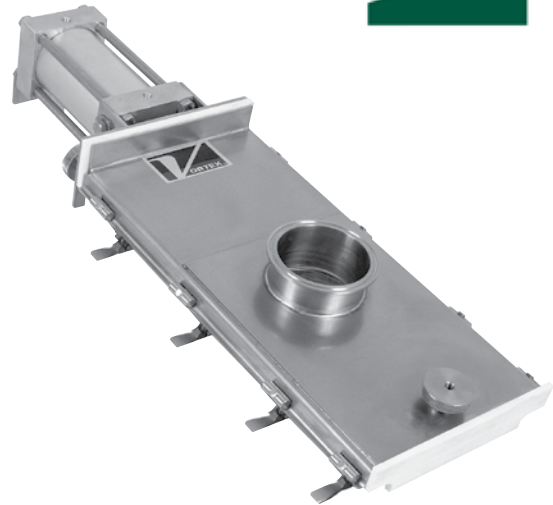
### Vortex® Quick Clean Orifice Gate™ Features

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



### Valve Specifications

<b>Size/Bore Options</b>	2" to 8" Diameters
<b>Media</b>	Powder, Pellets, Granulars
<b>Connection</b>	Ferule Connection, and/or Tube Stub
<b>Media Temperature</b>	Up to 180°F continuous service, Modifications allow up to 250°F continuous service
<b>Media Pressure</b>	0 barg, Gravity Flow Only
<b>Metal Construction Options</b>	304 or 316L Stainless Steel Valve Body
<b>Seal/Seat Material Options</b>	PET, Silicon Sponge, and/or USDA Dairy rated Silicon
<b>Drive/Actuation Options</b>	Double Acting Air Cylinder with Solenoid Operated Air Control Valve
<b>Position Confirmation</b>	Magnetic Reed Switch
<b>Compliance/Approvals</b>	CE, ATEX, FDA, USDA
<b>Industry Use</b>	Pharmaceuticals, Pigments, Chemicals, Dairy



Patent No. 5938175

### Application Specific Modifications

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