

CLEAR ACTION GATE

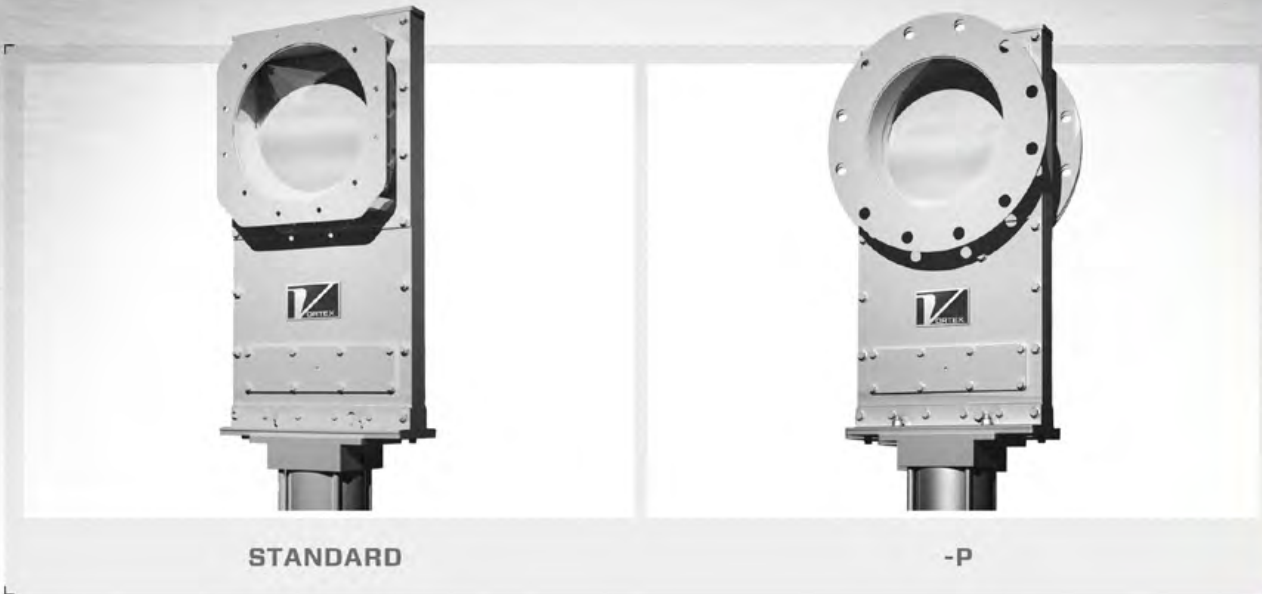


The Vortex Clear Action Gate is designed for use in gravity flow or pneumatic conveying systems up to 15 psig (1 barg) depending on size. Mounted horizontally, the machined square-edged blade of this gate mechanically clears the material from the sealing surfaces on each closing cycle allowing it to discharge beneath the valve. Open cavities where material collects in traditional gate valves have been eliminated with the square blade and seal design.

- GRAVITY FLOW**
- DILUTE PHASE PNEUMATIC CONVEYING** (Pressure or Vacuum)
- DENSE PHASE PNEUMATIC CONVEYING**

FEATURES

-  Handles powder, granules and pellets
-  Self-cleaning action on closure minimizes material build-up
-  Positive seal across the valve and to atmosphere
-  Serviceable while in-line
-  Accurate metering of materials with optional metering controls
-  No pinch points or exposed moving parts for safe operation
-  Material options available for wetted parts
-  Standard sizes: 6" - 16"
Contact us for custom sizes



OPTIONS

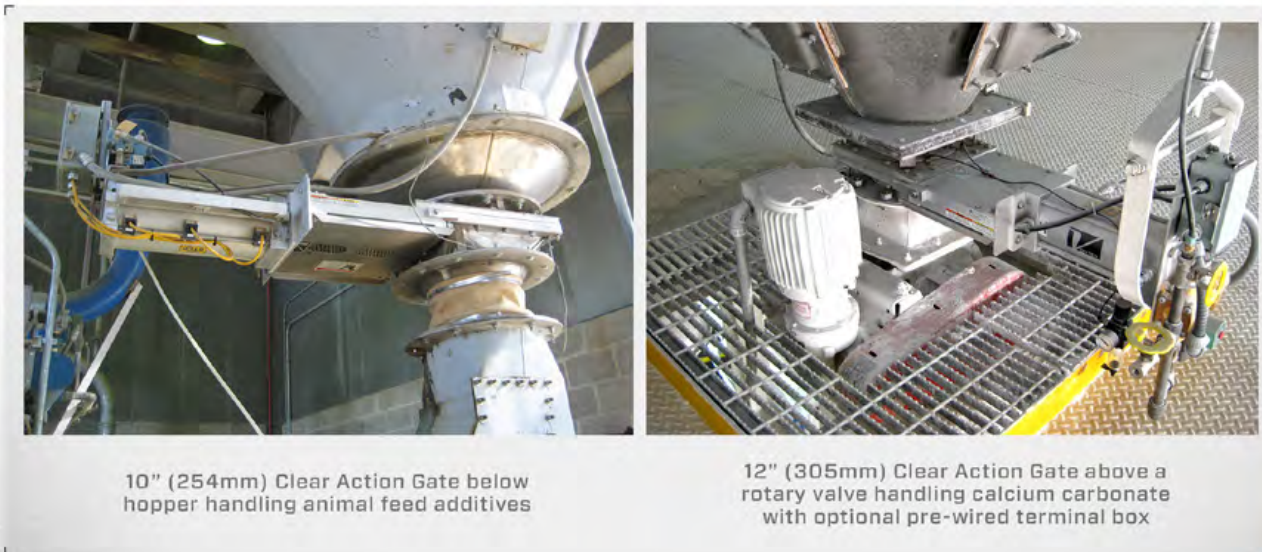


DETAILS

Retainer positions blade into upper seal eliminating jamming and packing of material as blade closes

Ability to seal body preventing material leakage to atmosphere

Air purge port used to reduce material migration from material flow to valve body



APPLICATIONS

For a complete list of specifications, modifications, dimensional drawings and measurements, visit WWW.VORTEXVALVES.COM

CE Rated for ATEX Zone 0/20 internal and Zone 1/21 external