









# MAINTENANCE GATE



The Vortex Maintenance Gate is designed to shut off material from a hopper or silo when maintenance of downstream equipment is required. In the open position, it positively seals conveying air and material to atmosphere. The hand crank gearing is designed to close through material in case of an upset condition.

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

## FEATURES

-  Handles powders, granules and pellets
-  Self-cleaning action on closure eliminates material build-up
-  Unobstructed opening
-  Seals protected from blast abrasion
-  Serviceable while in-line
-  Narrow profile
-  Material construction options available
-  Standard sizes: 6" - 18"  
Contact us for custom sizes

## OPTIONS



**SQUARE**



**ROUND**

## DETAILS



Braided Teflon packing seal gives positive material & air seal up to 15 PSIG to atmosphere in the open position



Ratio of 5:1 ACME threaded rod provides the ability to cut through a column of material in an upset condition

## APPLICATIONS



8" (203mm) Maintenance Gate utilized as overflow shutoff on silo



12" (305mm) Maintenance Gate above a rotary airlock handling soda ash



10" (254mm) Maintenance Gate handling PVC resin

For a complete list of specifications, modifications, dimensional drawings and measurements, visit [WWW.VORTEXVALVES.COM](http://WWW.VORTEXVALVES.COM)