



Valves

Handling the world's dry bulk solids™



VORTEX® AGGREGATE DIVERTER™

The Vortex® Aggregate Diverter™ is designed to meet the demanding applications associated with handling material such as sand, gravel, whole grains, and coal. This diverter has been engineered to address the problems associated with typical aggregate or “bucket” diverters. The removable access door and abrasion resistant wear liners allow for a “maintenance friendly” diverter.

KEY FEATURES

- Traditional aggregate or “bucket” diverter designs subject the valve’s internals to excessive wear. The Vortex® Aggregate Diverter™ incorporates two types of wear liners that force material to abrade upon itself, rather than the diverter’s internal mechanisms.
- Ordinary diverters do not provide a positive seal across the closed chute, allowing material to pass through gap between the bucket and chute. The Vortex® Aggregate Diverter™ utilizes highly durable rubber bucket seals to provide a positive material shut-off at the leading edge of the bucket. These rubber seals avoid abrasion, as the diverter’s inlet is designed to divert flow away from these seals.
- Traditional bucket diverters are not maintainable while the valve is in-line. They require removal, which causes system downtime and expensive rebuilding or replacement. The Vortex® Aggregate Diverter™ features a removable access panel, allowing quick and easy access for inspection or maintenance. The complete bucket and seal can also be removed and replaced through the side panel, allowing for quick maintenance without lengthy downtime.



Vortex® Aggregate Diverter™

VORTEX® AGGREGATE DIVERTER™ APPLICATIONS



Aggregate Diverter™ Handling Glass.

The Vortex® Aggregate Diverter™ is designed for handling dry, abrasive materials in gravity flow conveying. The Vortex® Aggregate Diverter™ can be applied to diverter material flow from one source to two destinations. Standard gate construction allows for 180° F service and modifications for temperatures up to 600° F. The diverter also comes with a wide selection of round or square inlets or outlets.

Adapting the Aggregate Diverter™ to your system requirements is made easy with a wide selection of actuators, gate positioning controls, position indication switches, and flanges. The Aggregate Diverter™ also offers a wide variety of modifications to accommodate high or low temperatures, corrosive, humid, and explosive environments. Consult the factory for application specific information.

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For more information, please contact Vortex® at 1.888.829.7821 or visit our website at www.vortexvalves.com