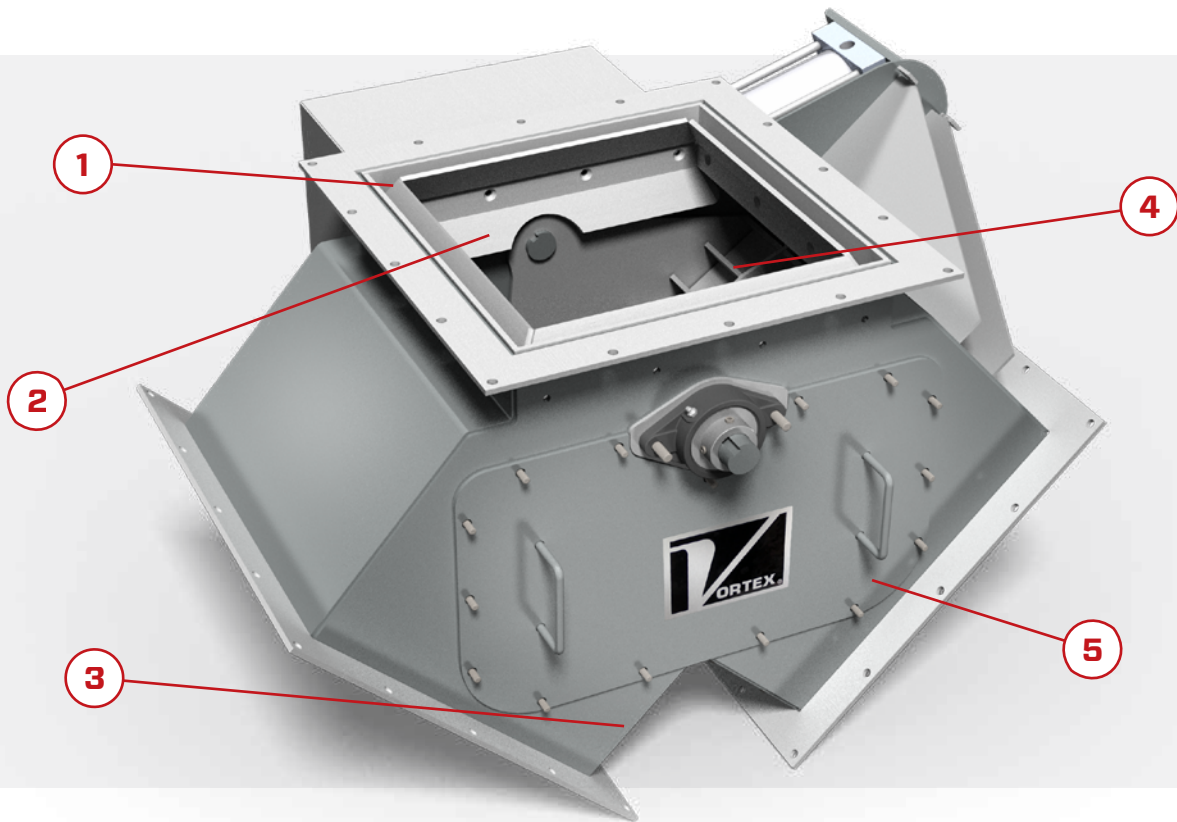


# Aggregate Diverter

The Vortex Aggregate Diverter is designed to meet demanding applications handling abrasive materials like sand, gravel, whole grains, and coal. The optional inlets, chute liners, and bucket liners significantly extend the valve's service life. The diverter's access panel allows for quick entry to the interior for inspecting and cleaning the valve. The heavy-duty abrasion resistant bucket and liners are all removable through the access panel for service.

**Conveying Types :**

- GRAVITY FLOW
- DILUTE PHASE PNEUMATIC CONVEYING
- DENSE PHASE PNEUMATIC CONVEYING


**1 Optional Dead Pocket**

The optional dead pocket inlet allows material to wear on itself increasing the life of the valve

**2 Abrasion Resistant**

Optional abrasion resistant liners reduce wear by deflecting material away from internal components

**3 Optional Chute Liners**

For additional abrasion resistance, optional chute liners can be added to the legs of the valve

**4 Unique Bucket Design**

An optional honeycomb liner can be added to the bucket that allows material to wear on itself increasing abrasion resistance

**5 Replaceable Seals**

Bucket seals reduce interior valve dusting and can be replaced while the valve is in-line

**+ Available Sizes**

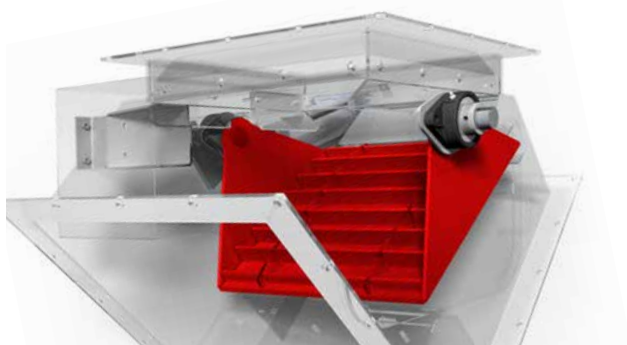
Standard sizes range from: 6" - 24" (150mm - 600mm)  
Contact us for custom sizes

**+ Materials Handled**

Designed to handle highly abrasive materials: minerals, frac sand, fly ash and whole grains

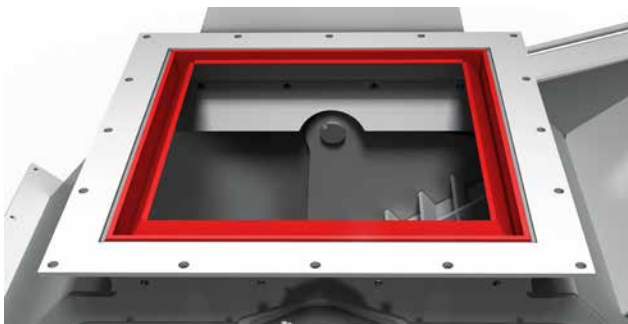
**+ Configuration Options**

The Aggregate Diverter is available in straight leg and wye line configurations



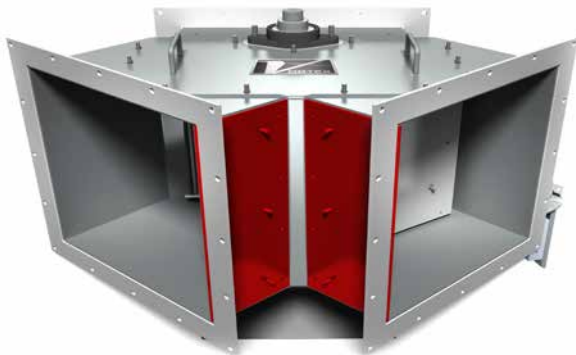
### ***Wear Resistant Bucket Design***

A wear resistant bucket constructed from durable AR steel and an optional ceramic liner can be added to reduce potential wear to the bucket. For even more durability, the addition of an optional honeycomb liner allows material to abrade on itself instead of the bucket.



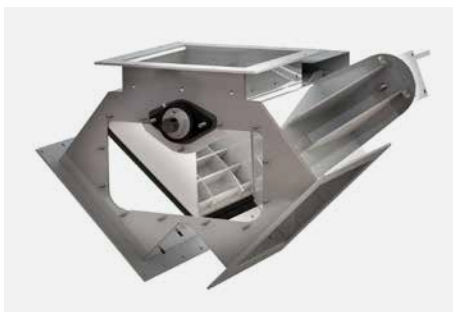
### ***Optional Dead Pocket Inlet***

The optional dead pocket inlet uses the same principle as the wear resistant bucket by allowing material build up around the inlet. This again allows material to impact on itself instead of wearing on the valve's internal parts.



### ***Optional Chute Liners***

The addition of optional chute liners provides added protection against abrasion. Material construction options are available to meet your application specifications and needs. These liners significantly decrease wear to the body of the valve while increasing service life and reducing system downtime.



The removable panel allows easy access for in-line maintenance, inspection or cleaning



Replacement of internal parts extends the life of the valve



Replaceable chute liners provide added durability and increased valve life