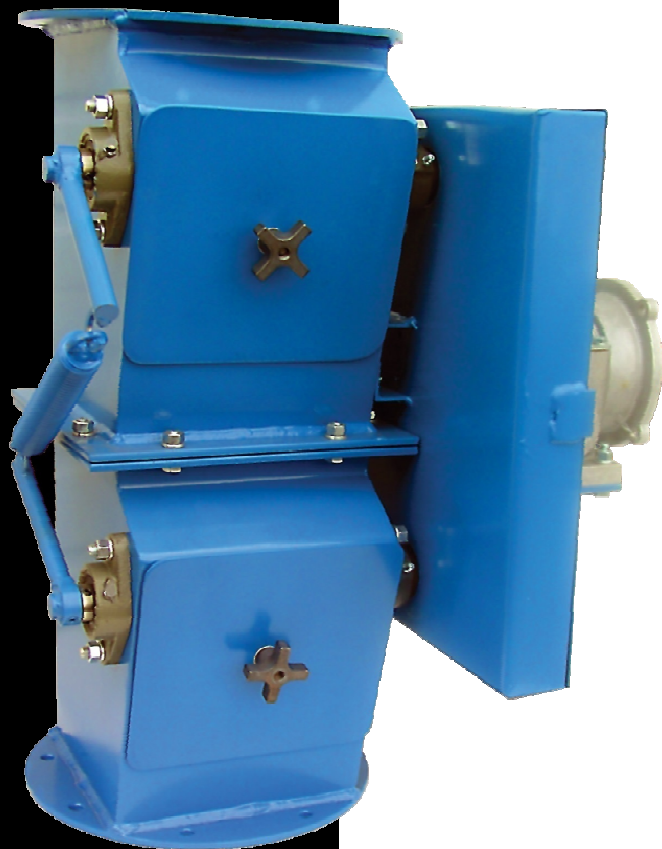


Aerodyne®

Gator Gate Double Dump Valve

The low leakage airlock



Motorized version shown,
contact factory for
pneumatic dimensions

The Aerodyne Gator Gate Double Dump Valve works where standard rotary valves can't do the job. It can move chunky, fibrous, and abrasive material that would jam or cause excessive wear to rotary valves. Using tandem gates that open and close alternately, the Gator Gate is able to maintain the proper pressure above and below the valve. Typically used in negative pressure systems, this material handling valve ensures that a positive air seal is maintained without the intrusion of outside air. Based on application requirements, this Double Dump valve can be equipped with a motor driven cam, pneumatic air cylinders, or pneumatic diaphragm actuators to provide the lock-hopper sequence. These rotary-free functions provide low maintenance operation in dust collection or gravity feed hoppers.

Standard Features

- Heavy duty steel plate fabrication
- Heavy duty gear reducer & cam mechanism
- Quick removing doors for easy clean out
- Enclosed drive and cam mechanism for safety
- Outboard bearings for easy maintenance
- Spring assisted closure mechanism
- Standard motors: 110/220 50-60Hz or 230/460 60-50Hz

Optional Features

- Stainless steel construction
- Center spool piece extensions to increase capacity
- Explosion-proof motor
- Pneumatic drives and pneumatic gate systems
- Replaceable throats
- High temp options
- High pressure situation units available

Particulates

- Ceramics
- Glass beads
- Fiberglass
- Sand and rock dust
- Wood dust*
- Cereal and grain*
- Cement dust
- Metals*
- Guar particulate
- Paper*
- Food and pet food*

Industries

- Mining & quarries
- Pharmaceutical
- Food processing
- Petro-chemical
- Woodworking
- Steel mills
- Metal processing
- Coffee roasters
- Animal food manufacturers
- Ceramics
- Machine shop
- Maritime

* Not explosive applications



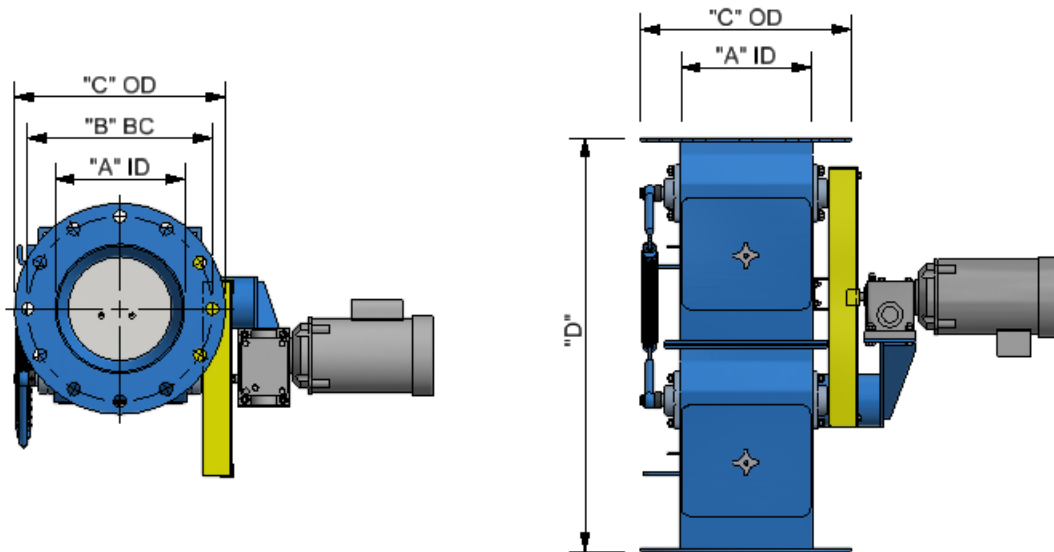
Aerodyne®
ENVIRONMENTAL

Clean Our World!

www.aerodyneUS.com

Chagrin Falls, OH 44023

440-543-7400



Valve Model	HP	Approx. Dimensions (Inch)				Number of Bolt Holes & Diameter (Inch)	Approx. Capacity (Cu. Ft per Hour)	Approx. Weight (LBS)
		A (ID)	B (BC)	C (OD)	D			
DDV-8	1/4	8.00	11.75	13.50	25.06	(8) 0.88	85	110
DDV-10	1/4	10.00	14.25	16.25	31.81	(12) 1.00	162	156
DDV-12	1/4	12.00	17.00	19.00	34.06	(12) 1.00	320	177

