



SplitStream™ “S-Collector” Dust Collector

Counter Cyclonic Industrial Dust Collector for Abrasive Particulate Collection. Particulate that is granular, fibrous, sticky, or hygroscopic, with process temperatures ranging from -20°F to 700°F , can be separated and collected for air pollution control or reclamation. The unique counter cyclonic design element of the SplitStream insures that a minimal amount of particulate comes in contact with the interior walls. This eliminates excessive wear and enables abrasive particulate collection. The secondary airflow allows for combination of two different temperature air streams while removing dust.

Available in vertical or horizontal configurations. Pilot testing available.



Ground-Plate “GPC” Cyclone Dust Collector

A compact cyclone dust collector that is ideal for plants and workshops with limited floor space or limited overhead clearance. Cyclonic action is initiated by a sloped spiral inlet and vortex reversal is accomplished by the use of a solid ground plate. The unique design of the GPC Cyclone Dust Collector provides a high-efficiency, compact unit. Six models available under 8ft³ per NFPA 654.

Available in horizontal or vertical configurations. Pilot testing available.

Vacu-Valve® Trickle Valve System

Cost-effective solution to troublesome rotary valves. The open-construction Platypus and the closed-construction Armadillo trickle valves are the most economical ways to manage dust discharged from bag filters or cyclones under negative pressure. The fitted duckbill sleeve adjusts to the desired vacuum and material is continuously discharged. It requires no controls, lubrication or power supply and easily handles abrasive materials. High Temperature options available. 8" and 10" sizes available.

GatorGate™ Double Dump Valve

Easily handles abrasive and fibrous material with minimal wear and air seepage. The GatorGate Double Dump valve feeds and moves chunky or fibrous material that would jam ordinary rotary valves and is durable enough to move abrasive material. It uses tandem gates to maintain proper pressure above and below the valve and has a reinforced closure mechanism to prevent air seepage. This valve can be configured to operate using air or electricity and requires little maintenance. 8", 10" and 12" sizes available.

Rhino Rotary "R" Valve™

The High Capacity Rhino Rotary "R" Valve is designed for continuous discharge of free-flowing, low-abrasive dry solids in gravity flow or low-pressure systems. Widely used in applications such as the bottom of cyclonic dust collectors and baghouse hoppers, the Rhino Rotary "R" Valve's steel plate construction gives it a distinct advantage in quality, flexibility and durability over cast valves. 8", 10" and 12" sizes available.

Rhino Rotary "H" Valve™

Rugged and dependable valve is ideal for nearly any abrasive material application. The Rhino Rotary "H" Valve's cast iron construction and tight tolerances provide exceptional performance in handling highly-abrasive materials when compared to competing valves. Hardened-surface rotor vane tips and added clearance outside the rotor shroud allow the rotary "H" Valve to operate smoothly without packing or excessive wear. 8" and 10" sizes available.



StopTight™ Knife Gate Valve

Can be used with a variety of dry materials and applications. A variety of sizes are available. Aerodyne has knife gate valves for open hopper discharge or in-line use with some capable of closing through a static column of material. 8", 10" and 12" sizes available in stock.

