



UDV Series



DDV Series



HDX Series

TYPICAL APPLICATIONS

- Wood
- Food
- Paper
- Rubber
- Grain
- Textile
- Tobacco
- Paint
- Asphalt
- Cement
- Mining
- Plastics

ABOUT

Our rotary airlock valves are used in a wide range of applications where there is need to minimize system air loss while transferring material between vessels with differing pressures. They are used as feeder valves to meter the flow of material between vessels with equivalent pressures. You will also find them doing double duty in systems where there is a need to minimize system air or gas loss while regulation the flow of material between vessels with differing pressures. We offer a variety of valves to bring the right solution to your specific needs.

OPTIONS

The UDV valves are designed for economical and reliable material metering and airlock service. Ideal for pollution control applications beneath dust collectors and cyclone separators where temperatures do not exceed 350°F and pressuredifferentials are less than 7 PSI.

The DDV valves are designed to provide a low cost airlock solution for simple dust collection under baghouses and cyclones. This design is uniquely suited for a low pressure application where a quality air seal is necessary in light duty non-abrasive dust collection applications.

The HDX valves are designed to withstand high temperatures and pressure differentials up to 22 psi. It offers the heaviest gauge rotor vane stock of any competing product, extra thick endplates, flanges and housing walls, along with outboard mounted oversized bearings that are prelubricated and permanently sealed to ensure low maintenance and prolonged life.

NFPA designed valves are available for your specific application. Engineers review the application and evaluate the design based on Kst values for the material, temperature, pressure and ambient conditions.

FEATURES & BENEFITS

- Available in several sizes from 6 through 14
- 8-Vane open end rotor - beveled edges
- Square flange assures system capabilities
- Outboard sealed bearings never need lubrication
- Externally replaceable packing with split compression design