

Blower Accessories

- Offering blower accessories to maintain ideal conditions in your pneumatic conveying system



Blowers

Positive displacement (PD) blowers draw in air through an inlet and then against the system pressure forcing that trapped air out the outlet side. They deliver constant pressures for maximum reliability.



Check Plates

Check plates are designed for protection of pneumatic air pumps to prevent conveyed material back flow into the pump in case of motor shutdown.

Check Plates are constructed of aluminum body and disc, Teflon seat, stainless steel shaft and screws. They can fit line sizes 2"-12".



Blower Accessories

Gauges, Switches and Transmitters

Pressure and Vacuum Gauges

A broad line of liquid filled and dry instruments for demanding pressure and vacuum applications. STD liquid fill is glycerin. Silicon and mineral oils are available. Specify dial size and MTG mounting configuration when ordering.



Pressure Gauge

Barksdale Limit Switches

Diaphragm switches are ideal for applications where pressure pulsations are less than 25 cycles per minute. Available in various pressure ranges up to 150 PSI, diaphragm switches are suitable for use in either positive pressure or vacuum applications.

Temperature Switches

Temperature switches measure temperature of the blower.

Wika Transmitters

Pressure transmitters measure the gauge, absolute and differential pressure. These instruments come supplied with standardized current or voltage output signals, interfaces and protocols for various fieldbuses.



Wika Transmitter

Inline Air Cooler

Inline air coolers consist of a fabricated housing assembly with copper tube cooling coils, aluminum fins and galvanized casing. The units are non-code design for 14.0 PSIG and 15" HG based on maximum temperatures of 250 °F. Coolers are designed to cool 250 °F inlet air to a temperature of 120 °F at air discharge. An optional carbon steel or 204 stainless steel line tee with compression coupling can be provided to adapt the valve into the conveying line.



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Inline Air Filter

Inline air filters have a 99+% removal efficiency to 10 micron. These filters are built to last from durable carbon steel with a baked enamel finish and feature interchangeable elements. Inline air filters can handle continuous temperatures from -15 °F to 220 °F.

Includes a dry type cartridge filter complete with housing stressed for 17" HG, stub pipe inlet and outlet with differential pressure gauge, removable gasketed top and bottom for service and legs for 6" of clearance.



Intake Filter

The intake filter's fully drawn weatherhood contains no welds that could rust or vibrate apart. With a low velocity air gap between base and cover and a center bracket located for minimal flow restriction, these filters deliver worry free performance. Intake filters can handle continuous temperatures from -15 °F to 220 °F.



AEON Oil

AEON positive displacement blower lubricants are synthetic hydrocarbon based lubricants that provide numerous advantages over mineral oils. With a service life 4 times longer than most mineral based fluids AEON reduces maintenance and disposal costs. a high flash point (460 °F) significantly minimizes fire hazards and AOEN is non-hazardous per OSHA and EPA guidelines. AEON PD lubricants are specially formulated for all environments and all applications. If your application requires a food-grade blend then we recommend AEON PDF-FG; authorized by the USDA as an H-1 lubricant suitable for incidental food contact.



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Relief Valves

Pressure relief valves are designed to protect the blower against damage caused by operation at greater than design pressure or vacuum.

Kunkle Valves

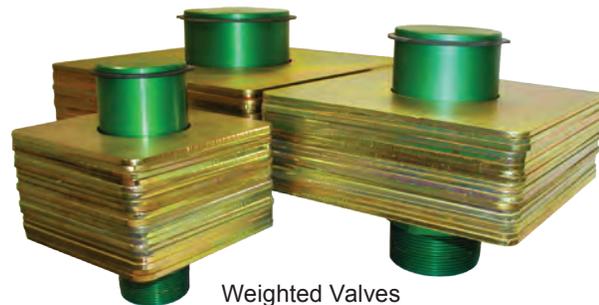
Iron safety valves with extra high capacity for industrial use. The kunkle valve is cast iron with a bronze nozzle, disc, and guide. A large seat and guide area ratio, along with disc pivot design insures top valve performance. Flat bronze valve seats are lapped for optimum performance.



Kunkle Valves

Weighted Valves

Removable weights have been carefully designed to permit accurate pressure settings in ½ and 1 PSI increments; the weights are cut from uniform steel plate or uniformly cast to give accurate pressure adjustment. Available in 1" through 8" sizes. As the service line air pressure reaches the pressure setting, the weight loaded cap is forced upwards of the valve seat. As pressure increases, the cap rises to expose the discharge ports. The flow-through capacity of the valve is such that no damage can be caused to the blower or related systems. The valve automatically reseats itself as line pressure is reduced.



Weighted Valves

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Replacement Filter Elements

Schenck Process offers a full line of polyester and paper replacement filter elements. End caps available in molded plastisol; closed one end with bolt hole, open on other end; galvanized metal end caps; and neoprene blended gasket on open end caps.



Sound Enclosures

Constructed of high quality heavy gauge aluminum, our sound enclosures are corrosion resistant, strong and lightweight. They are designed for long lasting performance either inside or outside your plant. We offer a variety of models that meet current OSHA dBA regulations and will be customized to meet your specific application needs. The average sound enclosure provides a 20 dBA noise reduction.



Vacuum Breaker

Vacuum breakers are designed to protect the blower against damaged caused by vacuum pressure.

