

# RADCO INDUSTRIES, INC.

## BLOWER PACKAGES

Radco Pressure and Vacuum Blowers are designed to stand up to the rigors of a 24-hour a day, 7-day a week production schedule. PD blower packages provide the motive air for traditional dilute phase pneumatic conveying systems. A positive displacement blower provides a constant volume of air with varying pressure, or vacuum levels. These varying levels are dependant upon the system layout and the material being conveyed. Radco blower packages utilize components that are manufactured to strict tolerances allowing them to provide consistent, reliable service.

## FEATURES

**PD Blower** - Provides a consistent volume of air at a given RPM. Carries a standard one-year warranty.

**Electric Motor** – Motors are sized for maximum blower performance regardless of actual system parameters.

**Mounting Base** – Packages are assembled on a painted carbon steel base.

**V-Belt Drive** – Used to drive the PD blower.

**Inlet and Outlet Silencers** – Silencers are sized and selected per the manufacturers specifications for maximum noise reduction.

**Inlet Filters** – Pressure blower packages use an inlet filter to prevent contaminants from entering the system air stream.

**Switches** - Combination vacuum/pressure switches are used to alert operators to high and low vacuum, or pressure levels.

**Relief Valves** – Spring loaded relief valves are used to exhaust air in a high-pressure condition. They are also used to allow air into the system in the event of a high vacuum condition.

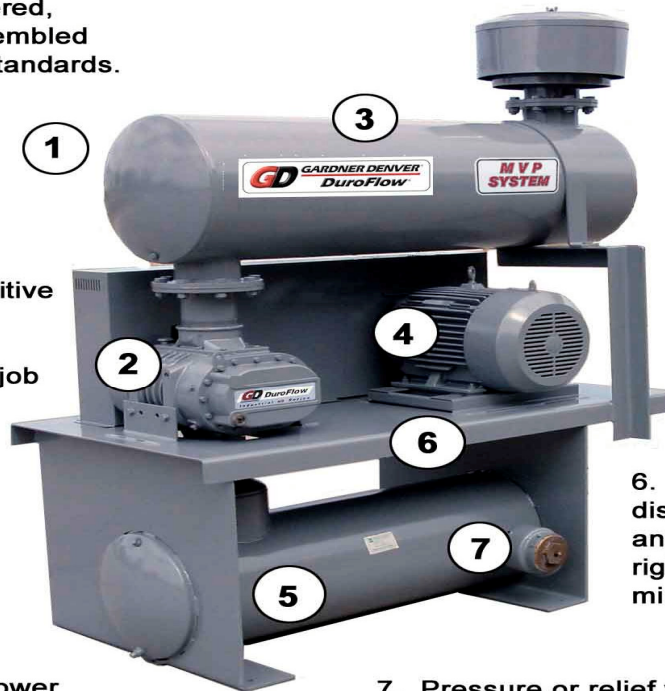
**Gauges** – Liquid filled gauges are mounted on the blower base to allow operators to quickly verify blower operating conditions.



1. Every DuroFlow Modular Vacuum or Pressure (MVP) System is fully engineered, manufactured and assembled to the highest quality standards.

3. Pressure systems are available with a high quality inlet silencer and external inlet filter or integral inlet filter silencer.

2. Every DuroFlow positive displacement blower combines leading edge technology with on-the-job experience



4. A wide range of optional motors are available for installation on all MVP Systems for use on indoor or outdoor applications.

5. Each system is equipped with a blower matched discharge silencer for optimum noise reduction and performance.

6. The modular base/discharge silencer design and construction create a rigid, one-piece system to minimize vibration and noise.

7. Pressure or relief valve included with each system is sized to blower performance and application requirements.

## OPTIONS

- Explosion proof motor
- Pressure transducer
- Local disconnect for motor
- Isolation pads
- Custom finishes
- Low pressure switch
- Reduced pulsation blower
- Motor starter panel

## ACCESSORIES

- Inline filters
- Sound enclosure
- Inlet panel
- Hose and fittings
- Clean air and convey tube or pipe
- Rotary airlock and feeder
- Dehumidifiers
- Silo fluidizers

**COMPLETE PNEUMATIC CONVEYING SYSTEMS ALSO AVAILABLE**