

## BLOWER PACKAGES

**Automated Ingredient Systems** Pressure and Vacuum Blowers are designed to stand up to the rigors of a 24-hour day, 7-days a week production schedule. Positive displacement blower packages provide the motive air for traditional dilute phase pneumatic conveying systems. A PD 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. AIS blower packages utilize components that are manufactured to the most stringent tolerances allowing each unit 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 typically sized for maximum blower performance regardless of actual system parameters.

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

**V-Belt Drive** – Units are equipped with 3 V-belts for maximum performance and maximum belt life.

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

**Inlet Filter** – 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 of high or low vacuum, or pressure levels.

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

**Gauge** – Base mounted liquid filled pressure/vacuum gauge allow operators to quickly verify blower operating conditions.



Automated Ingredient Systems, L.L.C.

Inlet	Outlet	Length	Width	Nominal SCFM
2"	2"	20.5	27.5	135
2.5"	2.5"	20.5	27.5	195
3"	3"	28	35	300
4"	4"	28	35	520
5"	5"	28	39.5	800
6"	6"	28	39.5	1100
3" Flg	3" Flg	28	35	300
4" Flg	4" Flg	28	35	520
6" Flg	6" Flg	28	39.5	1100

## OPTIONS

- Explosion proof motor
- Pressure transducer
- Local disconnect for motor
- Isolation pads
- Custom finishes
- High pressure/vacuum switch
- Reduced dba blower
- Motor starter panel
- Raised Legs



## ACCESSORIES

- Inline filter
- Sound enclosure
- Inlet panel
- Hose and fittings
- Convey tube and pipe
- Rotary airlocks and feeders
- Dehumidifiers
- Silo fluidizers
- Dirty air filter detector

