



ROTARY AIR LOCK VALVE

Rotary Airlock Valves are a type of rotary feeder and are often referred to simply as a Rotary Airlock or Rotary Valve. They provide feeding and metering functionality of a standard rotary feeder but their primary duty is to maintain pressure and provide an optimal airlock seal between different product conveying transitions, such as gravity to pneumatic conveying lines. An optimal airlock condition is essential to prevent air pressure loss in high pressure and high temperature conveying systems.

TECHNICAL SPECIFICATIONS

MODEL	PRAV 5	PRAV 8
MOTOR	1 HP	1.5 HP
SIZE	5"	8"

- Chain driven with primary reduction by geared motor.

SALIENT FEATURES

- Precision Engineered to provide minimum clearance between Rotor and Housing and thus minimum leakage
- Good throat opening at valve entry allowing high pocket filling efficiency.
- Minimum clearance at rotor tips and sides with body.
- Heavy shaft diameters minimizing deflection.
- Outboard bearings and oil seals for non-contamination.
- Robust & compact design.
- Very easy to clean
- MATERIAL OF CONSTRUCTION :
Cast Iron / Mild Steel / Stainless Steel

AREAS OF APPLICATIONS

- Plastic and Polymer
- Food & flour industries
- Minerals & Metals
- Pharmaceuticals/Herbal
- Plastic and Polymer
- Food & flour industries
- Minerals & Metals
- Pharmaceuticals/Herbal
- Spices Industries
- Refractories and Abrasives
- Ceramic Industries
- Starch and Glucose
- Dairy Industry
- Pesticides and Insecticides
- Soap and Detergent



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UNIT : 1

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