



AIR DISTRIBUTION SPECIALIST



PRESSURE RELIEF DAMPERS



APPLICATION

PRD-20 is designed to protect HVAC systems and industrial processes by releasing air pressure. External linkage, ball bearing, blade counter balance and adjustable pressure setting weights.



Front

Back

SIZE

Minimum Single Section
150 x 150 mm

Maximum Single Section
1000 x 1000 mm

Maximum Multiple Sections
2000 x 2000 mm

DESCRIPTION

- The pressure relief dampers are provided with weighed metal strips.
- The dampers are tested after fabrication to operate at required pressure.
- The dampers are designed to maintain a constant pressure level inside pressurized rooms by relieving excess air when it exceeds the desired limit.

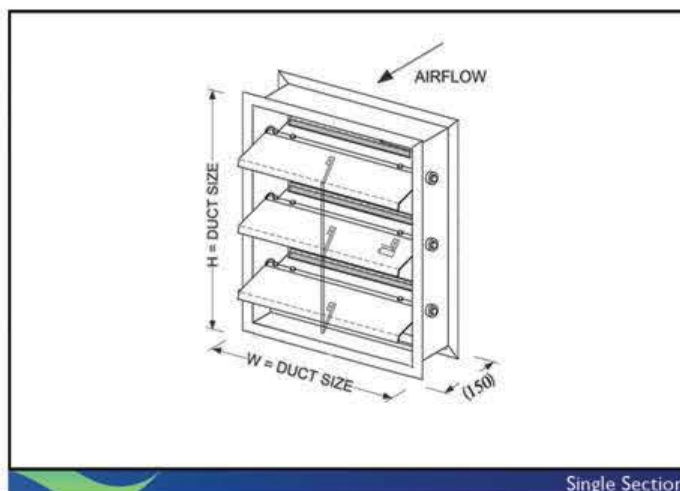
OPTIONAL

Powder coated as per RAL color codes.

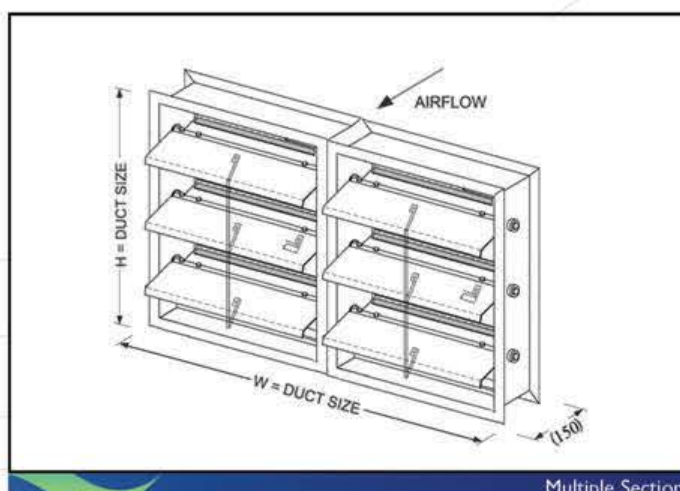


CONSTRUCTION

- Casing
1.2mm thickness (18 gauge) GI sheet
- Blades
2V - 1.2mm galvanized steel
- Blade Seals
Vinyl or Foam Gasket
- Bearings
Brass Bush
- Linkage
Internal heavy duty with galvanized steel arm and plated steel tie bars and pivot pins
- Counterweight
Adjustable arms and weights
- Finish
Mill finish

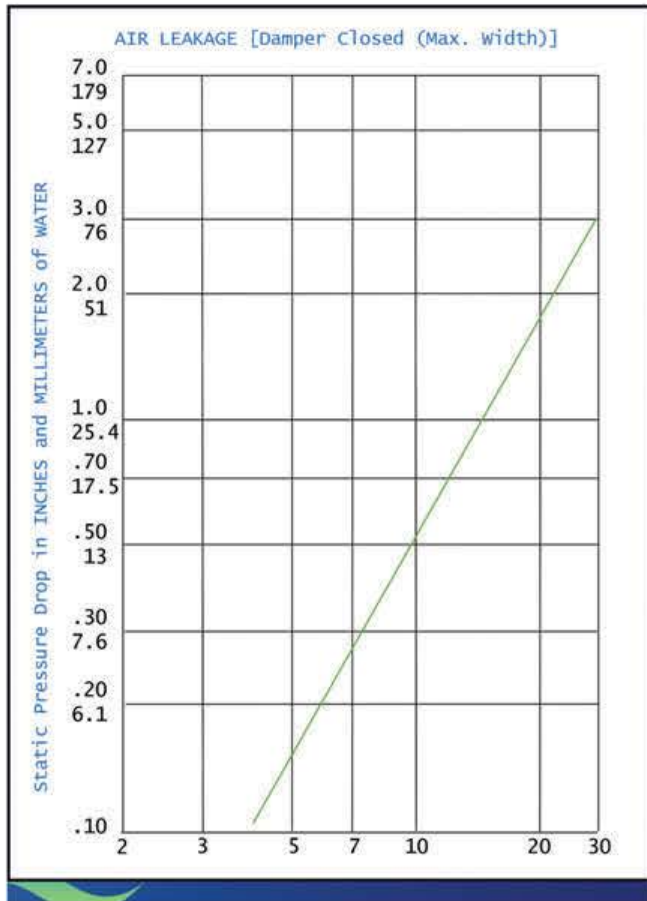


Single Section

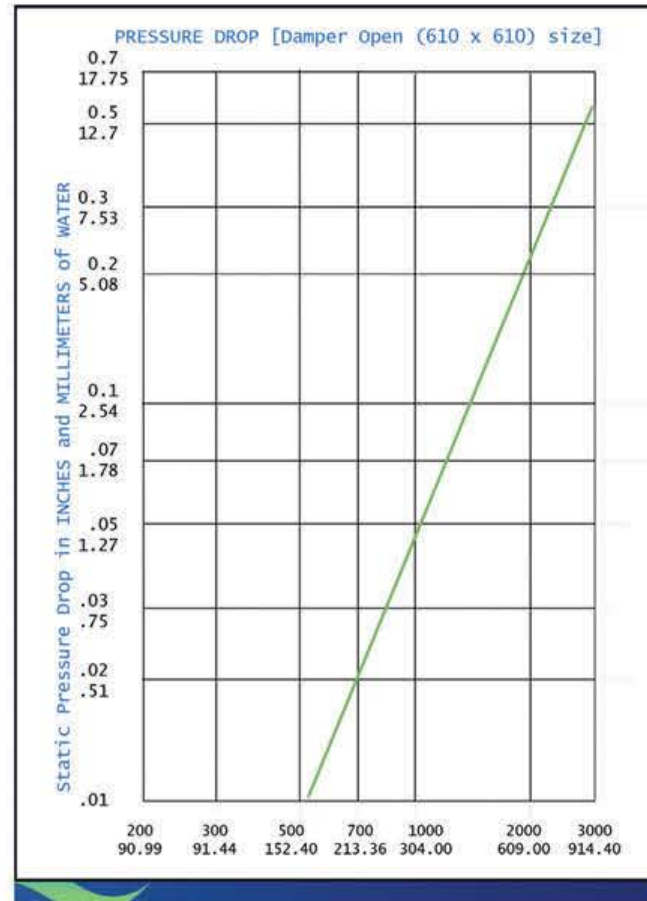


Multiple Section

PERFORMANCE DATA

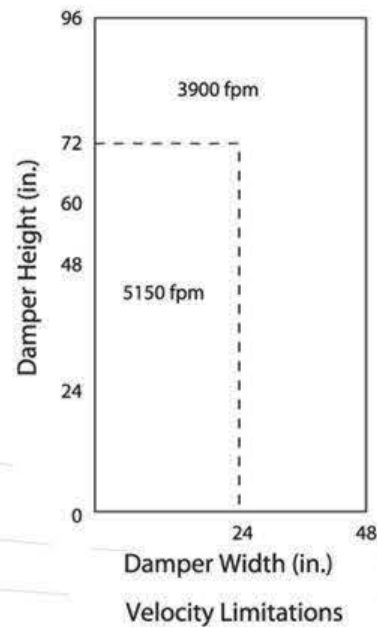
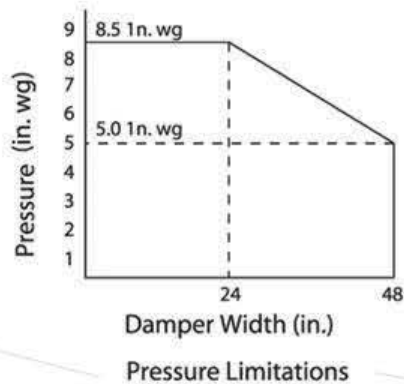


Air Leakage in CFM/SQFT through face area.
Tested in accordance to AMCA std. 500

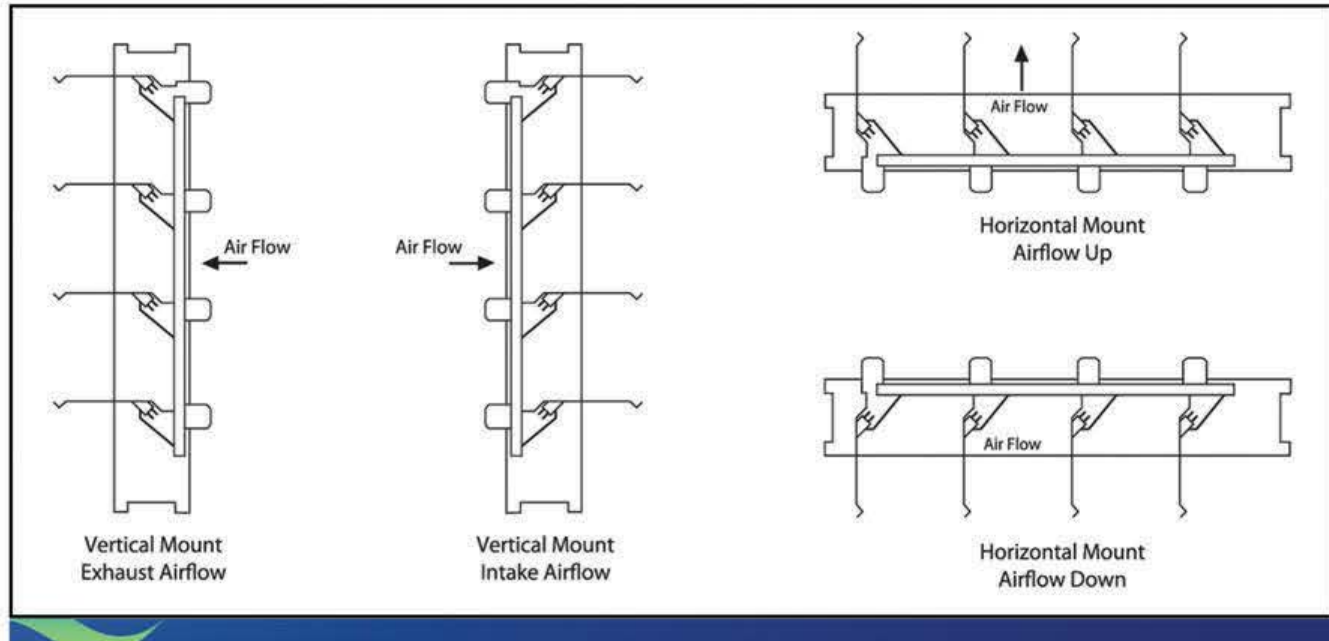


Air Velocity tested in accordance to AMCA std. 500

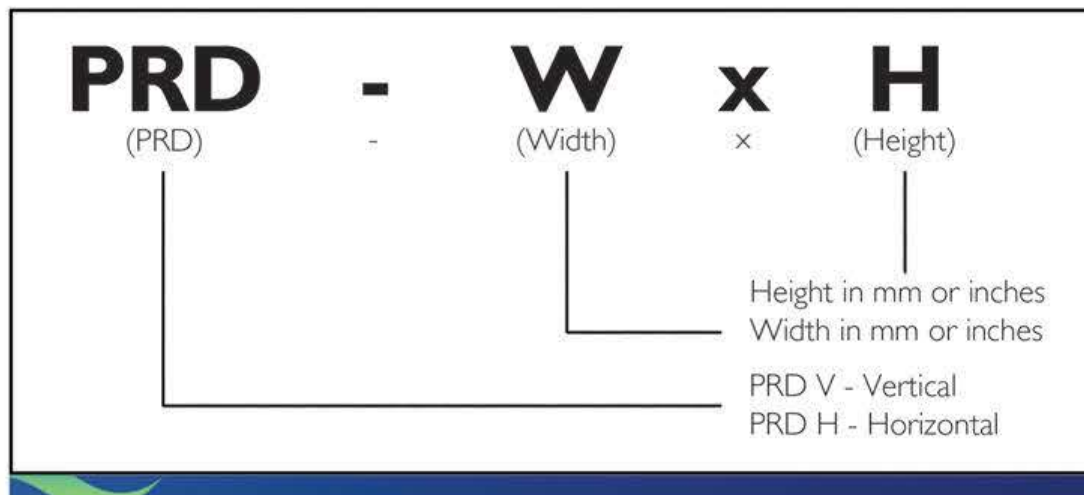
DAMPER SIZE LIMITATIONS



MOUNTING POSITION



ORDERING SYSTEM



ORDERING EXAMPLE

PRD - 36" x 20"

Refers to Pressure Relief Damper of size 36" (width) x 20" (height)

IMPORTANT NOTE:

Please advise air flow direction, pressure relief and counterbalance weight location when ordering.

