



MODEL PBD-900RS ROUND CONTROL DAMPER

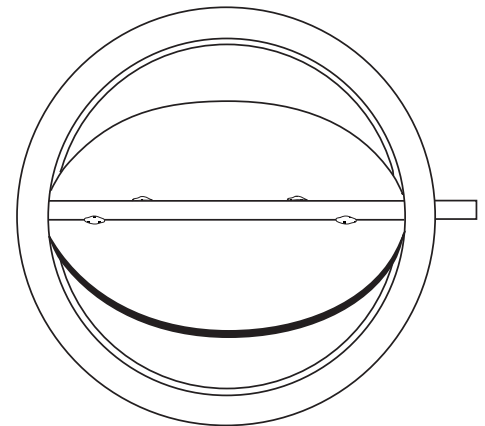
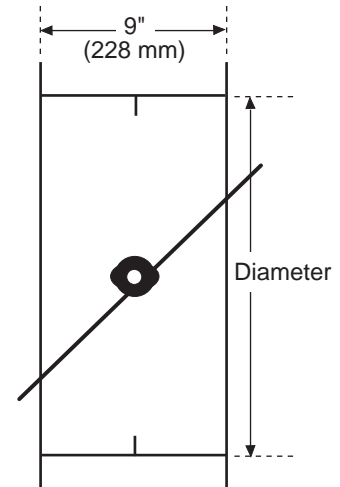
Standard Construction:

- Frame:** 9" (228 mm) deep, see dimension chart.
Blades: 1/4" (6.4 mm) Steel.
Bearings: Ball bearings bolted to frame.
Axles: Continuous plated steel welded to blade.
Blade Stop: 1/2"w x 1/4"h (12.7 mm x 6.4 mm) for sizes 15" (381 mm) and under.
1/2"w x 1/2"h (12.7 mm x 12.7 mm) for sizes over 15" (381 mm).
Operator: Heavy duty quadrant.
Finish: Mill galvanized and aluminum paint.
Minimum Size: 4" (101.6 mm) diameter.
Maximum Size: 48" (1219 mm) diameter.
Maximum Temperature: 250°F.
Maximum Pressure: 13" w.g.
Maximum Velocity: 6,000 fpm.

Options:

- Seals:** Shaft Seals.
Neoprene blade seals.
Material: Special Materials or gauges.
Bolt Holes: Bolt Holes laid out to specification.
Operators: Motor Operators.
Bearings: Ball bearings mounted external to frame.

- Notes:** • All dampers must be installed square and free from racking.



PBD-900RS - 02-05

Dimensions				
Diameter	Flange	Web	Axle Diameter	Blade
4" - 9" (101 mm - 228 mm)	1" (25.4 mm) x 10 ga.	10 ga.	1/2" (12.7 mm)	1/4" (6.4 mm)
10" - 12" (254 mm - 304 mm)	1-1/2" (38 mm) x 10 ga.	10 ga.	3/4" (19.1 mm)	1/4" (6.4 mm)
13" - 24" (330 mm - 609 mm)	1-1/2" (38 mm) x 10ga.	10 ga.	3/4" (19.1 mm)	1/4" (6.4 mm)
25" - 32" (635 mm - 813 mm)	2" x 1/4" (51 mm x 6.4 mm)	1/4" (6.4 mm)	3/4" (19.1 mm)	1/4" (6.4 mm)
33" - 44" (838 mm - 1117 mm)	2" x 1/4" (51 mm x 6.4 mm)	1/4" (6.4 mm)	1" (25.4 mm)	1/4" (6.4 mm)
45" - 48" (1143 mm - 1219 mm)	2" x 1/4" (51 mm x 6.4 mm)	1/4" (6.4 mm)	1-1/2" (38 mm)	1/4" (6.4 mm)

Specifications are correct at time of printing. However, as part of our 'continuous improvement program,' we reserve the right to make further improvements without notice.

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Project:
Location:
Architect:
Engineer:

Contractor:
Address:
P.O. Number:
Date: