



## MODEL PBD-800RS ROUND CONTROL DAMPER

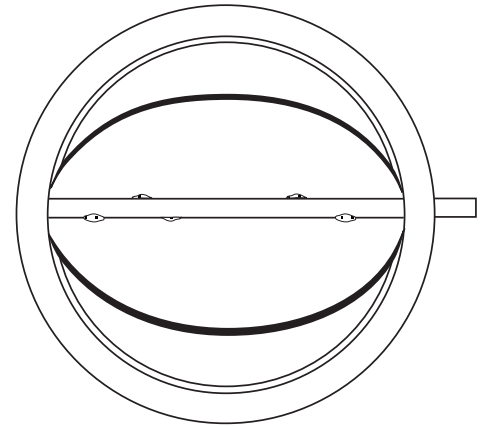
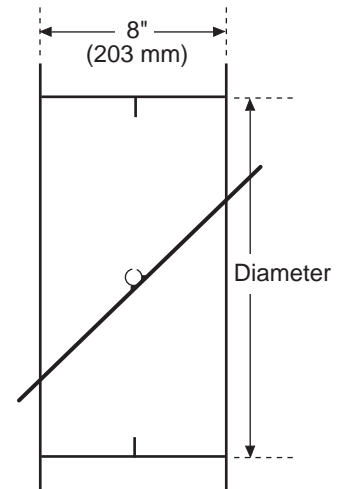
### Standard Construction:

- Frame:** 8" (203 mm) deep, see dimension chart.  
**Blades:** See dimension chart.  
**Bearings:** Stainless steel pressed into frame  
1/2" (12.7 mm) & 3/4" (19 mm).  
Ball bearings bolted to frame  
for 1" (25.4 mm).  
**Axles:** Continuous plated steel, see  
dimension chart.  
**Blade Stop:** 1/2" x 1/4" (12.7 mm x 6.4 mm) steel bar.  
**Operator:** Heavy duty quadrant.  
**Finish:** Mill galvanized and aluminum paint.  
**Minimum Size:** 4" (101 mm) diameter.  
**Maximum Size:** 60" (1524 mm) diameter.  
**Maximum Temperature:** 250°F.  
**Maximum Pressure:** 6" w.g.  
**Maximum Velocity:** 4,000 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.



### 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)	10 ga.
10" - 12" (254 mm - 304 mm)	1-1/2" (38 mm) x 10 ga.	10 ga.	1/2" (12.7 mm)	10 ga.
13" - 24" (330 mm - 609 mm)	1-1/2" (38 mm) x 10ga.	10 ga.	3/4" (19.1 mm)	10 ga.
25" - 32" (635 mm - 813 mm)	2" x 3/16" (51 mm x 4.8 mm)	10 ga.	3/4" (19.1 mm)	10 ga.
33" - 44" (838 mm - 1117 mm)	2-1/4" x 3/16" (57 mm x 4.8 mm)	10 ga.	1" (25.4 mm)	10 ga.
45" - 48" (1143 mm - 1219 mm)	2-1/4" x 3/16" (57 mm x 4.8 mm)	10 ga.	1" (25.4 mm)	1/4" (6.4 mm)
49" - 60" (1244 mm - 1524 mm)	2-1/2" x 1/4" (63 mm x 6.4 mm)	3/16" (4.8 mm)	1" (25.4 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:

Contractor:

Location:

Address:

Architect:

P.O. Number:

Engineer:

Date: