MBDR-50
Round Manual Balancing Damper

Application

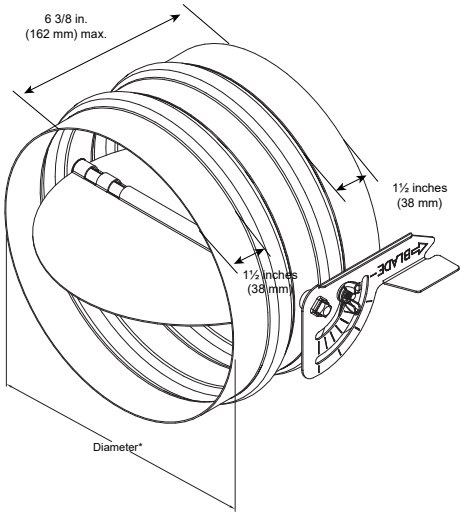
Model MBDR-50 is a round manual balancing damper designed to regulate flow of the air in a HVAC system. They are not intended to be used in applications as a positive shut off or for automatic control.



Ratings

Velocity
Up to 2000 fpm (0.2 m/s)
Pressure
Up to 1 in. wg (0.25 kPa)
Temperature
Up to 180°F (82°C)

*D dimension furnished approximately ⅛ in. (3 mm) undersize.



Construction

	Standard	Optional
Frame Material	Galvanized steel	
Frame Thickness	20 ga. (1mm)	
Blade Material	Galvanized steel	
Axle Bearings	Synthetic (acetal) sleeve	
Axle Material	Plated steel	
Operator	⅜ in. (10 mm) locking manual quadrant with 2" (50 mm) standoff bracket for external insulation	Cable operator with 1-1/2 in. (38 mm) stand-off bracket

Size Limitations

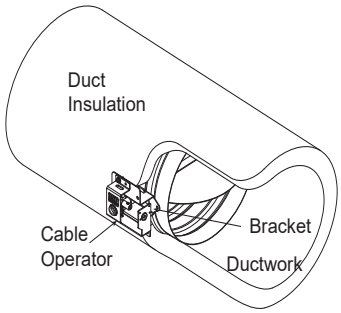
Diameter	Minimum	Maximum
in. (mm)	4 in. (102)	24 in. (610)

Options and Accessories

- Cable Operator
  - 1-1/2 in. (38 mm) stand-off bracket
  - Round Ceiling Cup or Square Wall/Ceiling Plate
  - 3, 6, or 9 ft (.9, 1.8, 2.7 m) cable length

Cable Operator

Cable operator is optional and provided with 1-1/2 in. (38 mm) stand-off bracket and either a round ceiling cup or square wall/ ceiling plate design. Cable lengths are offered in 3, 6, or 9 ft (.9, 1.8, 2.7 m) lengths, furnished in 3 ft (.9 m) kits.



Document Links

CATALOG

SELECTION GUIDE

WARRANTY

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