

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

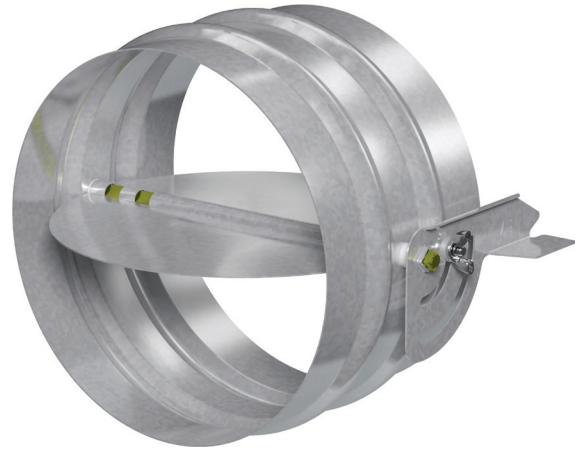
Up to 2000 fpm (0.2 m/s)

Pressure

Up to 1 in. wg (0.25 kPa) - pressure differential

Temperature

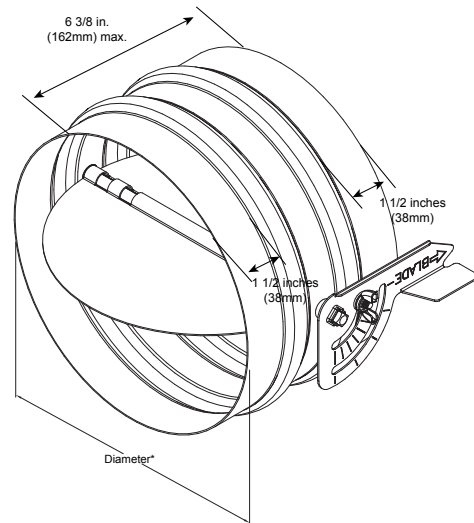
Up to 180°F (82°C)



*D dimension furnished approximately 1/8 in. (3mm) undersize.

Construction

	Standard
Frame Material	Galvanized steel
Frame Thickness	20 ga. (1mm)
Blade Material	Galvanized steel
Axle Bearings	Synthetic (acetal) sleeve
Axle Material	Plated steel
Operator	3/8 in. (10mm) sq. Locking manual quadrant

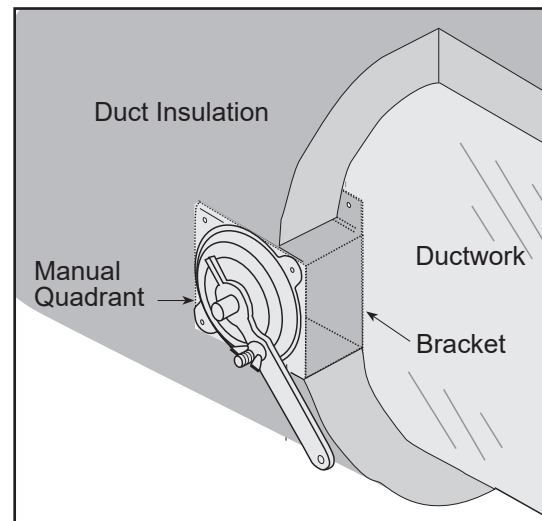


Size Limitations

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

Options

- 1 1/2 in. (38mm) stand off bracket (with extended pin) to accommodate for the thickness of external duct insulation
- 2 in. (51mm) stand off bracket





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