

Application

Model MBD-10 is a manual balancing damper designed to regulate the flow of air in a HVAC system. They are not intended to be used in applications as a positive shut off or for automatic control. The manual quadrant has an integral pointer for easy visual blade position indication.

Ratings

Velocity

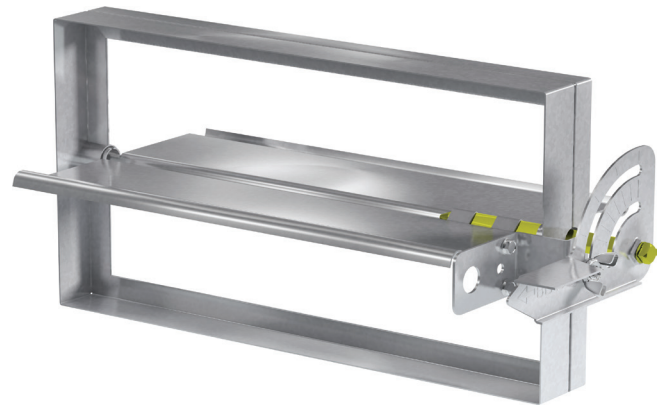
Up to 2000 fpm (10.2 m/s)

Pressure

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

Temperature

Up to 180°F (82°C)



*W & H dimension furnished approximately ¼ in. (6 mm) undersize.
 Manual quadrant is sent as a kit for field installation.

Construction

Construction	Standard	Optional
Frame Material	Galvanized steel	-
Frame Thickness	22 ga. (0.8 mm)	-
Frame Depth	1.832 in. (47 mm)	-
Blade Material	Galvanized steel	-
Blade Thickness	20 ga. (1 mm)	-
Axle Material	½ in. (13 mm) Plated Steel	-
Operator	⅜ in. (10 mm) sq. locking manual quadrant	Cable Operator
Operating Shaft	⅜ in. (10 mm) sq., 2½ in. (64 mm) long extension	-

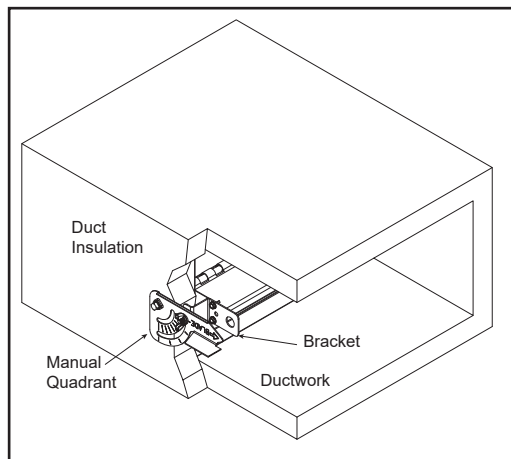
Size Limitations

W X H	Minimum	Maximum*
Inches (mm)	6 x 4 (152 x 102)	36 x 12 (914 x 305)

Stand-off Bracket

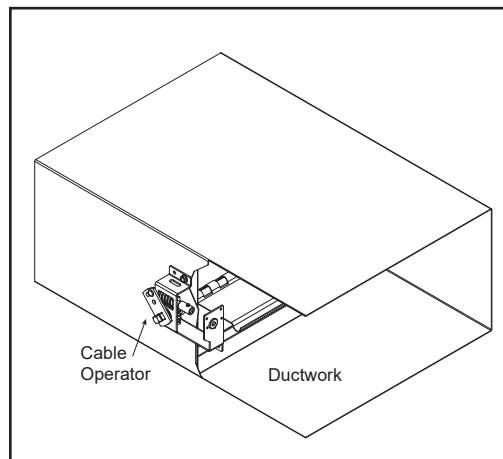
- 1½ in. (38 mm) standoff bracket
- 2 in. (51 mm) standoff bracket

(The standoff bracket with axle pin accommodates for the thickness of external duct insulation.)



Cable Operator - Optional

Cable operator is an option with 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).



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