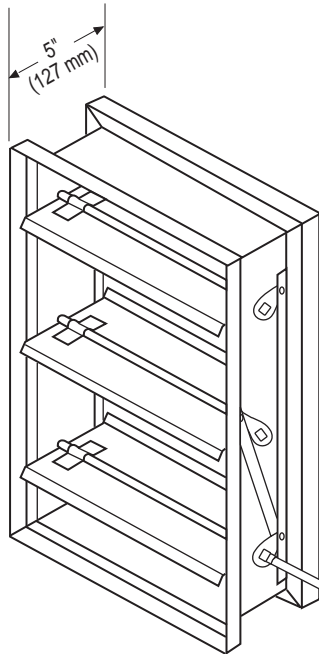




## MODEL MBD-57 MANUAL BALANCING DAMPER

### Standard Construction:

- Frame:** Roll-formed galvanized steel hat section with staked corners with integral bracing.
- Blades:** 16-18 ga. Roll-formed, galvanized steel  
Minimum width: 4.250" (108 mm)  
Maximum width: 7.250" (184.2 mm)
- Bearings:** Bronze Oilite or Nylon. Press-fit into frame.
- Axles:** Square, plated steel.
- Linkage:** Concealed in frame. Linkage bars are .125" (3.2 mm) thick plated steel.
- Finish:** Mill galvanized.
- Extended Shaft:** Removable, 6" long x 1/2" dia. (152 mm x 12.7 mm) plated steel coupled to square axle.
- Max. Temperature:** 200°F
- Sizes:** Minimum size: 5"w x 4"h (127 mm x 102 mm)  
Maximum size: Single section - 48"w x 48"h (1219 mm x 1219 mm)  
Multiple section - size unlimited
- Notes:**
- Dampers are furnished approximately 1/4" (6.4 mm) smaller than given duct dimensions.
  - Not recommended with blades running vertically.



### Features

- The MBD-57 series Manual Balancing Dampers are designed and built to provide a cost effective and reliable damper for reduced volume control only and not for positive shut off. They are not intended for automatic operation.
- The MBD-57 damper's rigid frame and integrally braced corners provide true damper alignment that greatly resists being installed out of square or out of flat.
- The MBD-57 is available in single, parallel, or opposed blade models. (Single blade up to 11" (279.4 mm) in height).
- Available with locking quadrants.

MBD-57 - 02-05

### Suggested Specification

Manual Balancing Dampers shall be Model: MBD-57 by NCA Manufacturing. Damper frames shall be of the steel, roll-formed hat section type with integrally braced corners to reduce racking. Damper blades shall be roll-formed 16-18 ga. galvanized steel for rigidity. Bronze oilite or Nylon bearings shall be press-fit into frame to minimize wear. Linkage shall be of the concealed type to maximize free area. Axles shall be square to prevent twisting.

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: