



MODULAR FRAMING SYSTEMS, INC.

AIR FLOW SOLUTIONS

MATERIALS USED:

Blades

Extruded Aluminum 4 inch Nominal Dimension
Thermoplastic Rubber Gasket

Frame

Extruded Aluminum 5 inch Nominal Dimension

Blade Blocks

Polyamide + Fiber Glass

Gears

Copolymer Polypropylene + Fiber Glass
Optional Flame Retardant V-5

Controls

Square Control Pin .5 inch
Optional Die-Cast Aluminum Handle

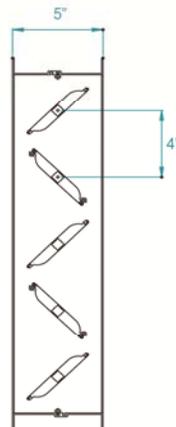
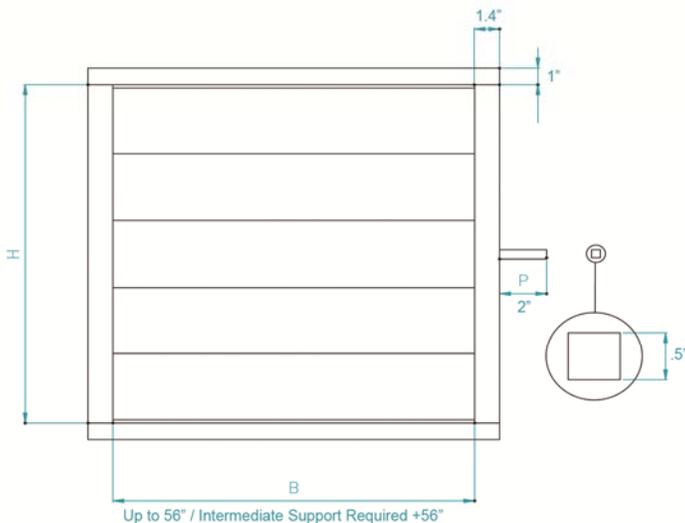
Working Temperature

Minimum Temperature: -20 °C
Maximum Temperature: 80 °C

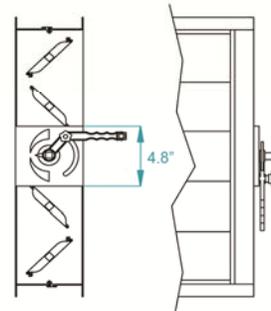
Single Blade Maximum Width

Maximum span without intermediate support: 56 inches

Opposed Blade Aluminum Damper



OPTIONAL MANUAL HANDLE PART No. MPS93



Taller dampers may require additional drive shafts which can be linked together. Automated actuators may be used. Actuators not sold in house.



Modular Framing Systems, Inc. certifies that the Standard Damper shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Program.

The AMCA Certified Rating Seal applies to Air Performance and Air Leakage ratings only.

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Performance Testing: Air Leakage and Pressure Drop

Product Name: Standard Damper
 Damper Type: Volume Control
 Blade Action: Opposed
 Blade Orientation: Horizontal
 Model Number: SD 55"x 36"h
 Size: 55" x 36" x 5" nominal OD
 Face Area: 13.75 sqft
 Flow Direction: Exhaust
 Applied Torque: 79 Lb-in/ft²
 (To seat damper during test)

* Pressure drop tested per
 ANSI / AMCA Standard 500-D-07,
 Figure 5.4 Alternate

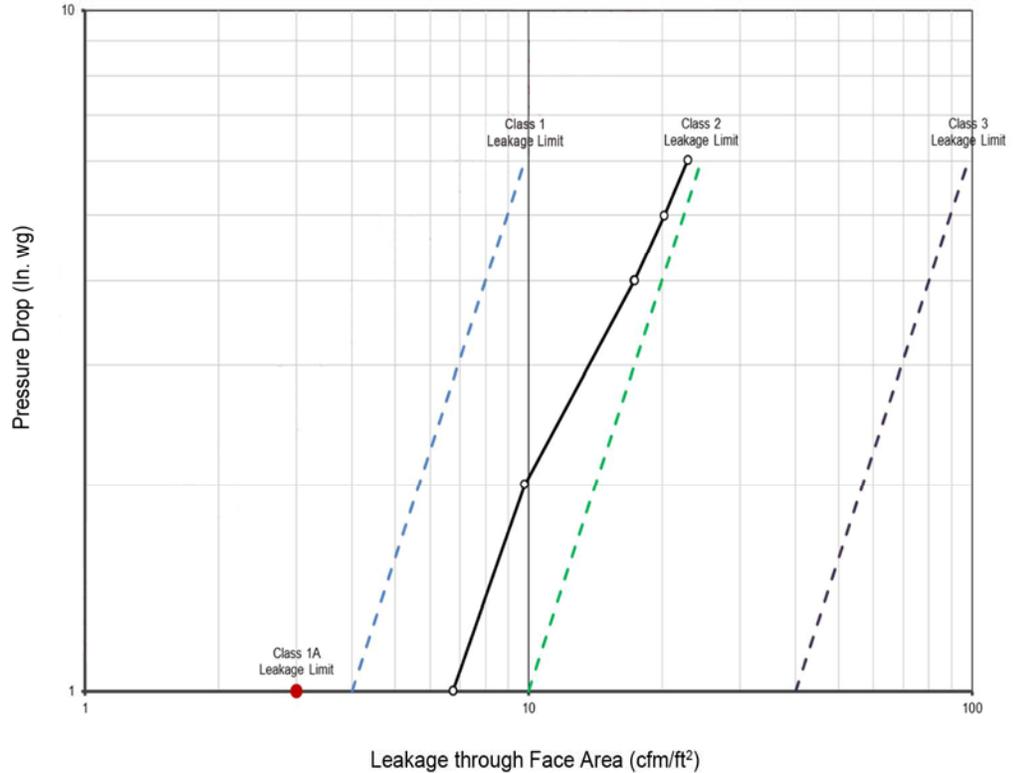


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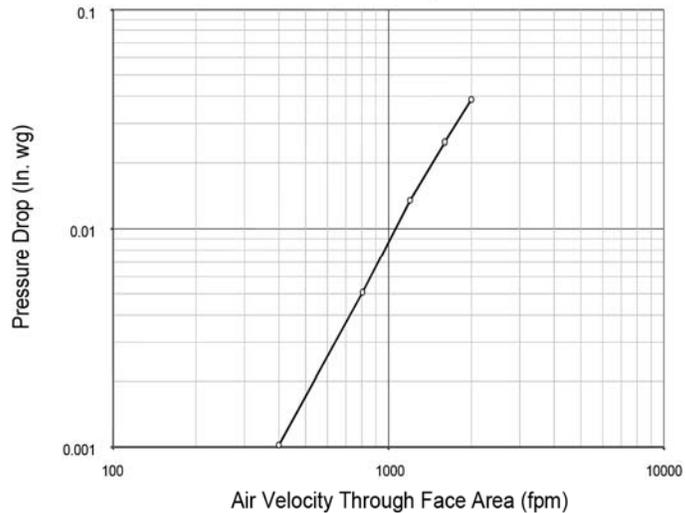
The AMCA Certified Rating Seal applies to Air Performance and Air Leakage ratings only.

Air Leakage is based on operation between temperatures of 0-49 °C (32-120 °F)

Leakage Test



Pressure Drop Test



Product Name: Standard Damper
 Damper Type: Volume Control
 Blade Action: Opposed
 Blade Orientation: Horizontal
 Model Number: SD 24"x 24"h
 Size: 24" x 24" x 5" nominal OD
 Face Area: 4 sqft
 Flow Direction: Exhaust
 Blade Position: Open

* Pressure drop tested per
 ANSI / AMCA Standard 500-D-07,
 Figure 5.3

