



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

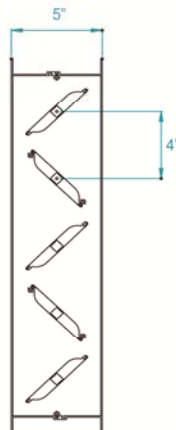
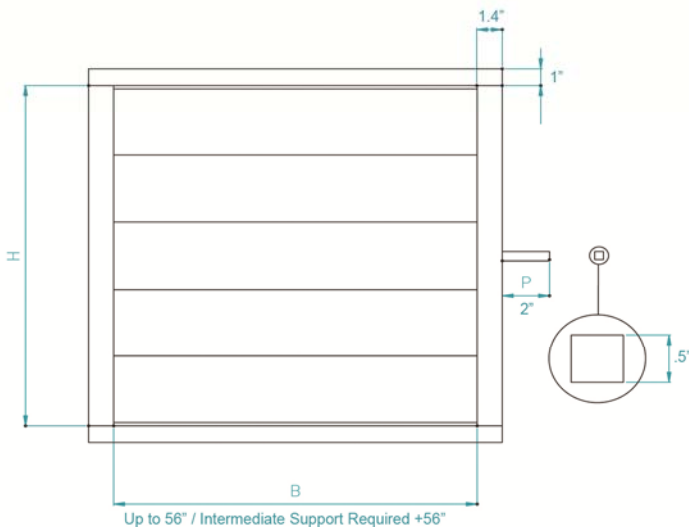
Working Temperature

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

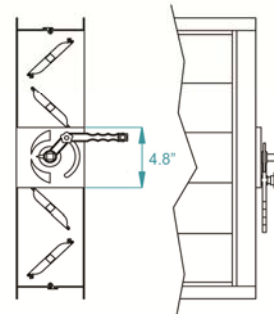
Single Blade Maximum Width

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.

MFS2014 REV 1 & MFS2014 BR 1 July 2014



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MODULAR FRAMING SYSTEMS, INC.

AIR FLOW SOLUTIONS

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

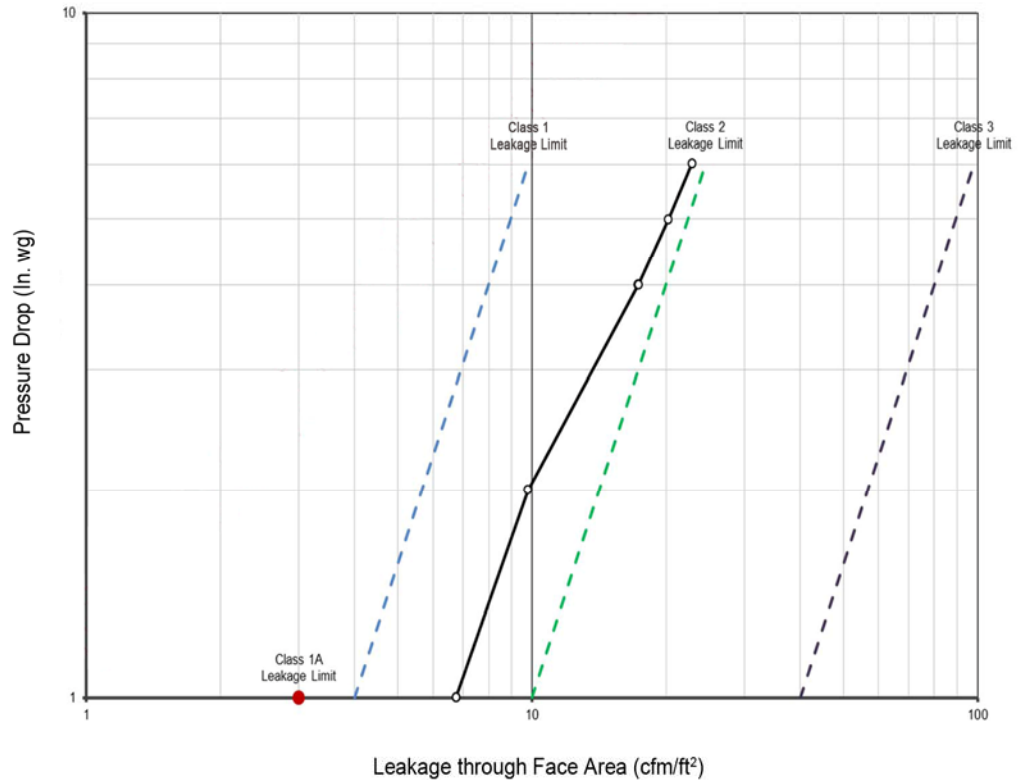


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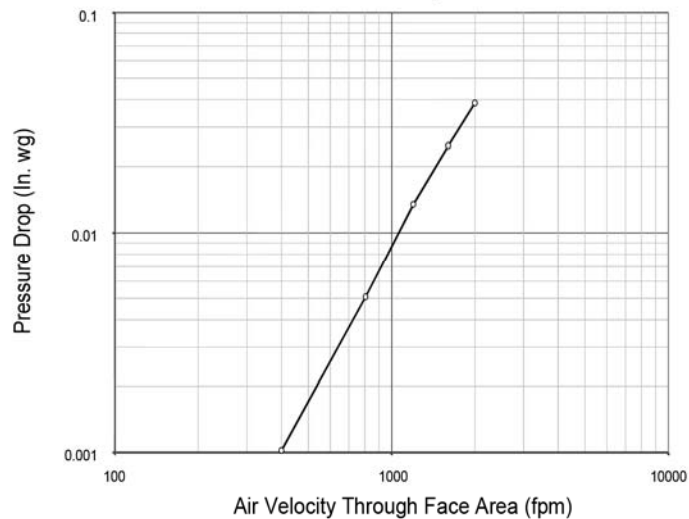
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Air Leakage is based on operation between temperatures of 0-49 °C (32-120 °F)

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

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