**Materials Used:**

**Blades**
- Extruded Aluminum 4 inch Nominal Dimension
- Thermoplastic Rubber Gasket

**Frame**
- Extruded Aluminum 5 inch Nominal Dimension

**Blade Blocks**
- Polyamid + 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

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**Opposed Blade Aluminum Damper**

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**Optional Manual Handle**

Part No. MFS93

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

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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 51 and comply with the requirements of the AMCA Certified Program.

The AMCA Certified Rating Seal applies to Air Performance and Air Leakage ratings only.
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”
Size: 55” x 36” x 5” nominal OD
Face Area: 13.75 sqft
Flow Direction: Exhaust
Applied Torque: 79 Lb-in/ft²
(To seal damper during test)

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

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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”
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