Fab-Tech, Inc. certifies that the Industrial Single Blade Isolation 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 Ratings Program.

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

1. Test method per AMCA Standard 500-89
   Data based on a seating torque of: 125 in-lbf/ft² for 16" damper, 86 in-lbf/ft² for 48" damper
2. Air leakage is based on operation between 50°F & 104°F (10°C to 40°C) and data corrected to represent standard air density 0.075 lbs/ft³.

**SPECIFICATIONS**

**BODY:** COATED 12GA STAINLESS STEEL

**COATING:** PERMASHIELD FLUOROPOLYMER BARRIER COATING

**JOINING SYSTEM:** STITCH WELDED COATED BLACK IRON VAN STONE RINGS

**OPTION:** CUSTOM HOLE PATTERN

**MOUNTING HOLES:** STRADDLE VERTICAL CENTERLINE

**BLADE:** OFFSET - 1/4" COATED STAINLESS STEEL

**BLADE EDGE SEAL:** VITON

**BLADE STOPS:** WELDED

**AXLES:** DUAL SHAFT 1.38Ø STAINLESS STEEL

**AXLE SEALS:** LIQUID TIGHT

**SLEEVE BEARINGS:** THERMOPLASTIC

**ACTUATOR:** MANUAL LEVER

**OPTION:** MANUAL GEAR BOX W/ LOCK OUT

**OPTION:** CUSTOM ACTUATOR MOUNTING KIT

**OPTION:** ELECTRIC ACTUATOR

**OPTION:** PNEUMATIC ACTUATOR

**LOCKOUT:** 1/2" INTERVALS

**BLADE OPENS:** CCW

**OPEN/CLOSE TORQUE:** 1000 in-lb RECOMMENDED MIN

**NOTE:** All fittings with standard Fab-Tech connections include gaskets and clamps or hardware as required for installation.
36"-48" AMCA High Value Heavy Duty Industrial Damper

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

1. Test method per AMCA Standard 500-89
   Data based on a seating torque of: 125 in-lb/ft² for 16" damper, 86 in-lb/ft² for 48" damper
2. Air leakage is based on operation between 50°F & 104°F (10°C to 40°C) and data corrected to represent standard air density 0.075 lbs/ft³.

Tested Leakage Rates Available, Contact Fab-Tech Inc.

### Leakage Classification

<table>
<thead>
<tr>
<th>Pressure Class</th>
<th>Required Range</th>
<th>Extended Range (Optional)</th>
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</thead>
<tbody>
<tr>
<td>1A</td>
<td>15.2 (3)*</td>
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</tr>
<tr>
<td>1</td>
<td>20.3 (4)</td>
<td>40.6 (8)</td>
</tr>
<tr>
<td>2</td>
<td>50.8 (10)</td>
<td>102 (20)</td>
</tr>
<tr>
<td>3</td>
<td>203 (40)</td>
<td>406 (80)</td>
</tr>
</tbody>
</table>

*Units for maximum ratings in ( ) are CFM Sq. Ft.

- Damper Leakage Test based on ANSI/AMCA Standard 500-D-07, Ref. Fig 5.6
- Pressure Drop Test based on AMCA Standard 500-D-98, Ref. Fig 5.3

### SPECIFICATIONS

- **BODY**: COATED 12GA STAINLESS STEEL
- **BODY LENGTH**: 10"
- **COATING**: PERMASHEILD FLUOROPOLYMER BARRIER COATING
- **JOINING SYSTEM**: STITCH WELDED COATED BLACK IRON VAN STONE RINGS
- **OPTION**: CUSTOM HOLE PATTERN
- **MOUNTING HOLES**: STRADDLE VERTICAL CENTERLINE
- **BLADE**: OFFSET - 1/4" COATED STAINLESS STEEL
- **BLADE EDGE SEAL**: VITON
- **BLADE STOPS**: WELDED
- **AXLES**: DUAL SHAFT 1.380 STAINLESS STEEL
- **AXLE SEALS**: LIQUID TIGHT
- **SLEEVE BEARINGS**: THERMOPLASTIC
- **ACTUATOR**: MANUAL GEAR BOX W/ LOCK OUT
  - **OPTION**: CUSTOM ACTUATOR MOUNTING KIT
  - **OPTION**: ELECTRIC ACTUATOR
  - **OPTION**: PNEUMATIC ACTUATOR
- **LOCKOUT**: 1/2" INTERVALS
- **BLADE OPENS**: CCW
- **OPEN/CLOSE TORQUE**: 1000 in-lb RECOMMENDED MIN

**NOTE**: All fittings with standard Fab-Tech connections include gaskets and clamps or hardware as required for installation.