

Medium to High Pressure  
(non-welded, up to 10" static pressure systems)

### Static Fire Damper, Horizontal and Vertical

#### Model

Static Fire Damper **FD-C-MH**

#### Standard Construction:

**Frame:** Roll Formed Galvanized Steel with Safety Edge.

**Blades:** Roll Formed Galvanized Steel, Curtain-Type

**Springs:** Stainless Steel.

**Fusible Link:** U.L. Listed 165°F.

#### 1 1/2 Hr. Vertical:

**Min. Size:** 3"w x 3"h (76mm x 76mm) or 4" (102) round

**Single Section Max:** 59"w x 54"h (1499mm x 1372mm)

**Max. Size:** 119"w x 114"h (3023mm x 2896mm)

#### 1 1/2 Hr. Horizontal:

**Min. Size:** 3"w x 3"h (76mm x 76mm) or 4" (102) round

**Single Section Size:** 39"w x 35"h (991mm x 889mm) or 47"w x 42"h (1194mm x 1067mm)

**Max. Size:** 119"w x 35"h (3023mm x 889mm) or 95"w x 42"h (2413mm x 1067mm)

#### 3 Hr. Vertical:

**Min. Size:** 3"w x 3"h (76mm x 76mm) or 4" (102) round

**Single Section Max.:** 39"w x 35"h (991mm x 889mm)

**Max. Size:** 79"w x 35"h (2007mm x 889mm)

#### 3 Hr. Horizontal:

**Min. Size:** 3"w x 3"h (76mm x 76mm) or 4" (102) round

**Single Section Max.:** 39"w x 35"h (991mm x 889mm)

**Max. Size:** 79"w x 35"h (2007mm x 889mm)

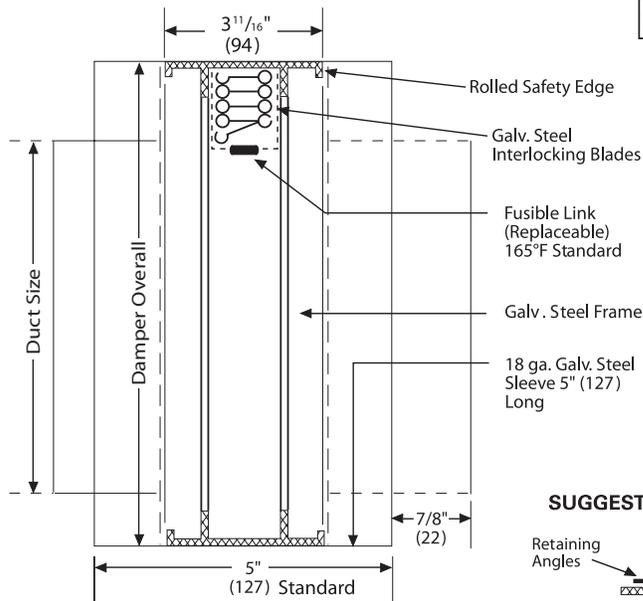
#### Options:

- Available with round, oval or square/rectangular transitions; with or without collars. Round and oval transitions normally supplied with collars as standard construction. Square/rectangular collars supplied upon request.
- Other fusible links 212°F
- 1 1/2hr. rating standard, 3hr. optional.
- Sleeve lengths - 12" (305), 14" (356) or 16" (406).

Dampers are rated for duct pressure static leakage. Leakage through damper is not rated.

UL/ULC Approved For Use in Static Systems Where The Fan Shuts Down in the Event of a Fire.

#### TYPICAL VERTICAL DAMPER



DESIGNED AND TESTED IN ACCORDANCE WITH UL-555 AND ULC-5112. MEETS ALL NFPA-90A REQUIREMENTS FOR FIRE DAMPERS.

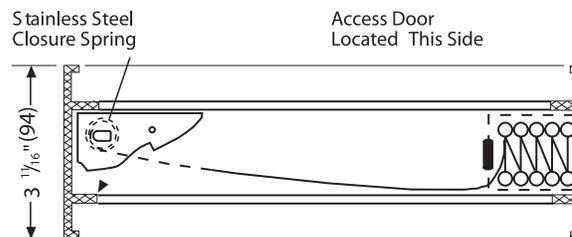
LISTED AND LABELLED BY:



#### Models:

- FD-RC-MH - round inlet
- FD-SRC-MH - square/rectangular inlet
- FD-OVC-MH - oval inlet

#### TYPICAL HORIZONTAL DAMPER



#### Manufacturer's Recommendations

All moving parts of the damper must be inspected and cycled at intervals not greater than every six months and in accordance with the latest edition of NFPA 90A, 92A, local codes and the actuator manufacturer. In addition, fuse links shall be removed and

inspected for corrosion. Dry lubricants are recommended.

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.

<b>PROJECT:</b>		
<b>ENGINEER:</b>		
<b>CUSTOMER:</b>		Feb / 14
<b>SUBMITTAL DATE:</b>	<b>SPEC. SYMBOL:</b>	244993