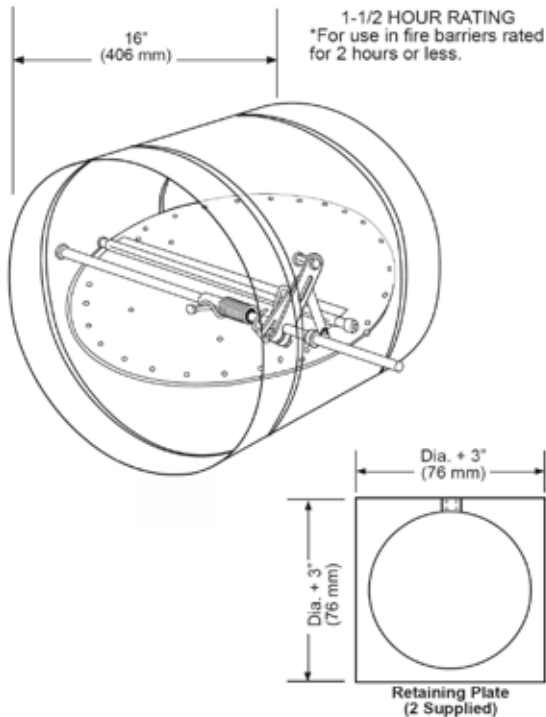




Model FD-R (Static) FDD-R (Dynamic) True Round Fire Damper UL 555 Classified 1-1/2 hours



Application

- The Model FD-R and FDD-R are UL Classified for installation in walls, floors, and partitions with a fire rating of less than 3 hours.
- This damper may be installed horizontally or vertically in static systems (FD-R) that shut down in the event of fire or dynamic systems (FDD-R) that continue to operate in the event of fire.

Standard Construction

- Frame: Roll formed Frame - 22 ga. Galvanized Steel - Integral Sleeve
- Blades: Double Thickness - 22 ga. Galvanized Steel - Welded
- Axles: 3/8" (9.5mm) square plated steel
- Jackshaft: 1/2" (12.7mm) diameter plated steel
- Bearings: Bronze Oilite press-fit into frame
- Spring: Stainless Steel
- Fusible Link - UL-33: UL Classified 165°F (Standard), 212°F (Optional)
- Manual Locking Quadrant - (may be required for inspection)
- Retaining Plates: 2-20 ga. galvanized steel with angle clips (factory installed)
- Maximum Velocity: 2000 FPM (10.2 M/S)
- Maximum Pressure: 4" WG (1KPA)
- Dampers are furnished approximately 1/8" (3.2mm) smaller than given duct dimensions

Model FD-R and FDD-R meets or complies with the following as a fire damper:

- All major building codes, including IBC/ICC
- International Code UL 555 Classified 1-1/2 Hour - File #R27198
- NFPA - 90A, 80

Sizes (duct) 1-1/2 Hour

Min. Size 8" Diameter, 203mm

Max. Size 24" Diameter, 610mm

Options

- Sleeve/Damper Body 20" (508mm)
- Sleeve/Damper Body 24" (609mm)
- Actuator
- Mounting
 - Horizontal
 - Vertical

Note

The jackshaft permits operation by any standard locking quadrant, electric or pneumatic actuator.

Due to continuing research, MAT reserves the right to change specifications without notice.

FD-R (Static) or FDD-R (Dynamic)

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