

Static Rated Round Fire Damper 1½ Hour Fire Resistance Rating

Application

Model SSFDR-510 is a round static rated fire damper for use in HVAC systems that are automatically shut down in the event of a fire. This fire damper is rated for use in walls or partitions with less than 3 hour fire resistance rating and can be mounted vertically or horizontally.

Ratings

Temperature: 165°F (74°C)

Construction	Standard	Optional
Frame Material	304 Stainless steel	-
Frame Thickness	20 ga. (1mm)	16 ga. (1.5mm)
Blade Material	304 stainless steel	-
Blade Thickness	20 ga. (1mm)	-
Axle Bearings	Stainless steel sleeve type	-
Axle Material	1/2 in. (13mm) Stainless steel	-
Closure Device	Fusible link	-
Closure Temperature	165°F (74°C)	212°F (100°C)



These dimensions are furnished approximately 1/8 in. (3mm) undersize.

Model FDR-510 meets the requirements for fire dampers established by:

National Fire Protection Association

NFPA Standards 80, 90A, & 101

International Building Codes (IBC)

California State Fire Marshal (CSFM)

Fire Damper Listing (#3225-0981:0112)

Size Limitations

Diameter	Minimum	Maximum
in. (mm)	4 in. (102)	24 in. (610)

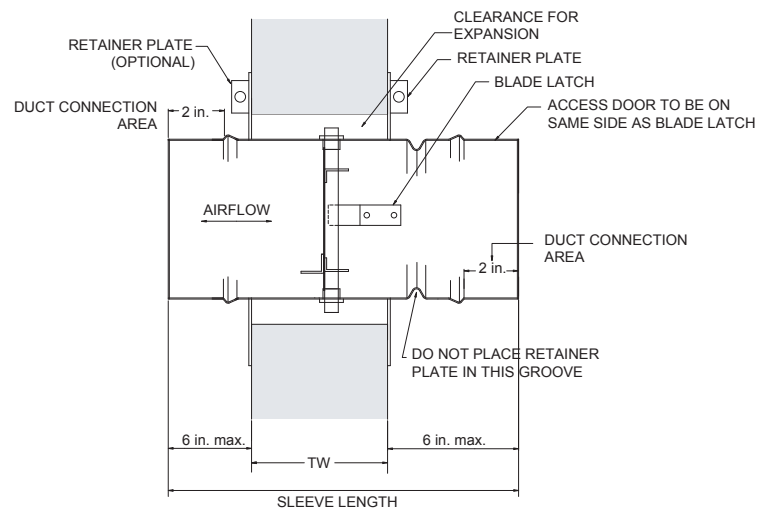
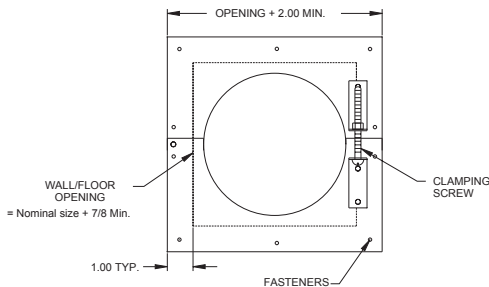
Features

- One retainer plate supplied with damper
- Additional retainer plate available



See complete marking on product.

UL 555 Classification
R13317



Wall Thickness	Sleeve Length
Up to 6½ in.	13 5/8 in.
Up to 8½ in.	15 5/8 in.
Up to 10½ in.	17 5/8 in.
Over 10½ in.	Consult Greenheck