

Application and Design

Model SSFDR-510 is a round fire damper. It is qualified to be mounted vertically and horizontally.

Ratings

Pressure: 4 in. wg (1 kPa)
 Velocity: 2,000 fpm (10.2 m/s)
 Temperature: 165° F (74°C)

Standard Construction

Frame/Sleeve: 20 ga. (1mm) 304 stainless steel
 Blades: 20 ga. (1mm) 304 stainless steel
 Closure device: 165°F (74°C) Fusible Link
 Axles: 1/2 in. (6mm) dia. 304 stainless steel
 Bearings: Stainless steel sleeve type.

Size Limitations

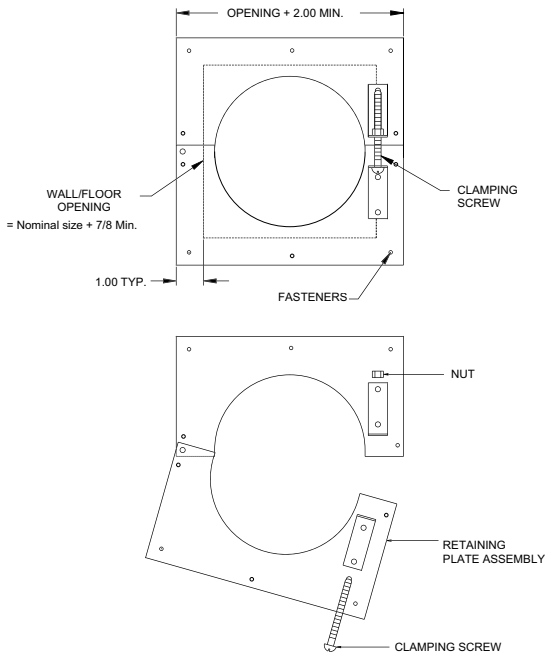
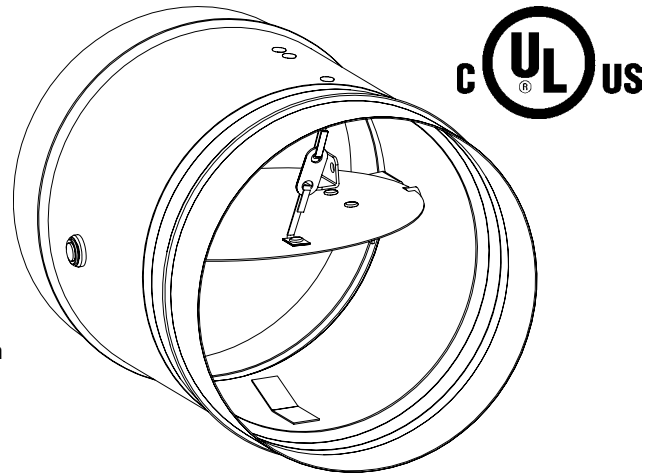
Minimum size: 6 in. (152mm) diameter
 Maximum size: 24 in. (610mm) diameter

Features:

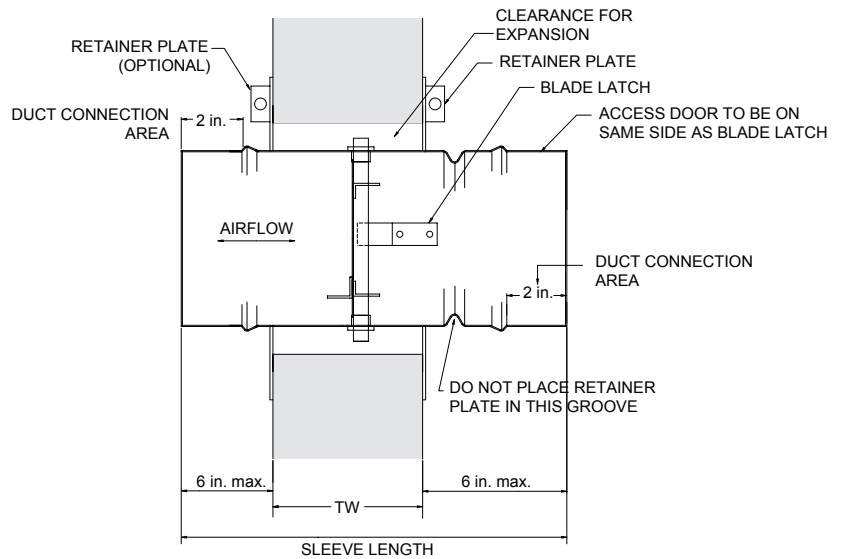
- Stainless steel closure springs
- Fusible links -165°F (74°C) standard; 212°F (100°C) and 286°F (141°C) available
- Can be mounted horizontally or vertically
- Only one retainer plate required (one retainer plate supplied with damper)
- Additional retainer plate available
- 14 ga. (2mm) or 16 ga. (1.5mm) frame/sleeve

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

National Fire Protection Association
 (NFPA Standards 80, 90A & 101)
Underwriters Laboratories Standard 555
 (Listing #R-13317)
IBC International Building Codes



* These dimensions are furnished approximately 1/8 in. (3mm) smaller than nominal.



Installation instructions available at www.greenheck.com.

WALL THICKNESS	SLEEVE LENGTH
Up to 6.5	13.625
Up to 8.5	15.625
Up to 10.5	17.625
Over 10.5	Consult Greenheck