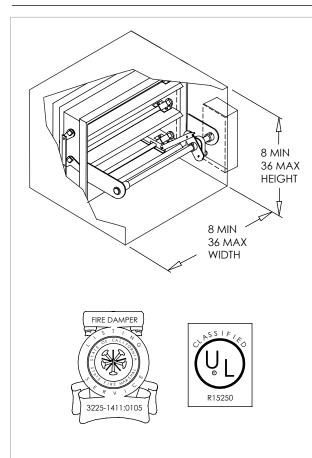
SHOEMAKER 1.866.940.0696 MANUFACTURING sm@shoemakermfg.com

Fire Rated Submittal

1 1/2 Hour Fire & Smoke Damper

MODEL: FSD-111-2 Series



Specifications	
Max. Static Pressure	To 4.0" W.G.
Temperature Ratings	250°F – 350°F
Maximum Velocity	To 2000 FPM
Fire Duration Rating	1 1/2 Hour

Standard Features:

- Class 2 low leakage
- Sleeve Type A: 20 gauge 18" minimum sleeve length
- 120V actuator mounted (position shown in drawing)
- Horizontal (floor installation) or vertical (wall installation) installation
- UL and CSFM California State Fire Marshall listed
- Parallel blade operation
- Power open/spring closure
- 16 gauge galvanized steel channel frame
- 16 gauge galvanized triple vee formed blades
- Sintered bronze, oil impregnated bearings
- Axles: 1/2" square zinc plated steel studs
- Linkage: .12 x .50 zinc plated steel concealed in channel frame
- Jackshaft: 1/2" diameter zinc plated steel with jackshaft connector coupling
- Caulking UL approved silicone sealants: Dow Corning RTV-732, 999A, GE-1200
- Blade Seals: 60-65 Durometer Silicone rubber with laminated acrylic adhesive permanently bonded to blade edges
- Jamb Seals: Corrosion resistant stainless steel
- + R Stat: Resettable, reusable thermal disc, fixed setting of 165 $^\circ$
- Minimum size 8"x8"
- Maximum size 36"x36"

Options:

- Class 1 Ultra Low Leakage fire & smoke damper (FSD-111-1)
- Minimum size: 12"x8"
- Maximum size: 24"x24"
- Class 1 Ultra Low Leakage smoke only damper (SD-333-1)

Class 2 - Low Leakage smoke only damper (SD-333-2)

Stainless Steel

1 1/2 hour rated motorized 24v actuator fire damper (FSD-111-1)

Pneumatic actuator

- Internal mount actuator
 Minimum damper size: 8"x8"
- Minimum damper size. 8 X8
 Minimum sleeve length: 25"

Sleeve Types:

Type C – Square or rectangular with flange

Type D – Square or rectangular with round collar

Specified sleeve lengths and/or gauge

- Access door mounted in sleeve (6600)
- Minimum 25" sleeve required
- Factory installed Duct Smoke Detector (D4120)
- Minimum 25" sleeve required

Finishes:

STANDARD COLORS

Galvanized

Additional Information: Submittal Notes Project / Location: Engineer: Architect: Contractor: