

## Dynamic Fire Damper, Horizontal and Vertical

### Model

Dynamic Fire Damper **FDD-OW**

### Standard Construction:

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

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

**Sleeve:** 20 Ga. Galvanized wrapped in thermal blanket.

**Heat Responsive Devices:** Fusible Links, 165°F Std.

**Finish:** Mill galvanized Standard.

### Vertical Mount:

**Min. Size:** 6"w x 6"h (152 mm x 152 mm)

**Max. Single Section:** 36"w x 36"h (914 mm x 914 mm)

**Max. Size:** 42"w x 36"h (1067 mm x 914 mm)

### Horizontal Mount:

**Min. Size:** 6"w x 6"h (152 mm x 152mm)

**Max. Single Sect.:** 24"w x 24"h (610 mm x 610 mm)

**Max. Size:** 36"w x 36"h (914mm x 914 mm)

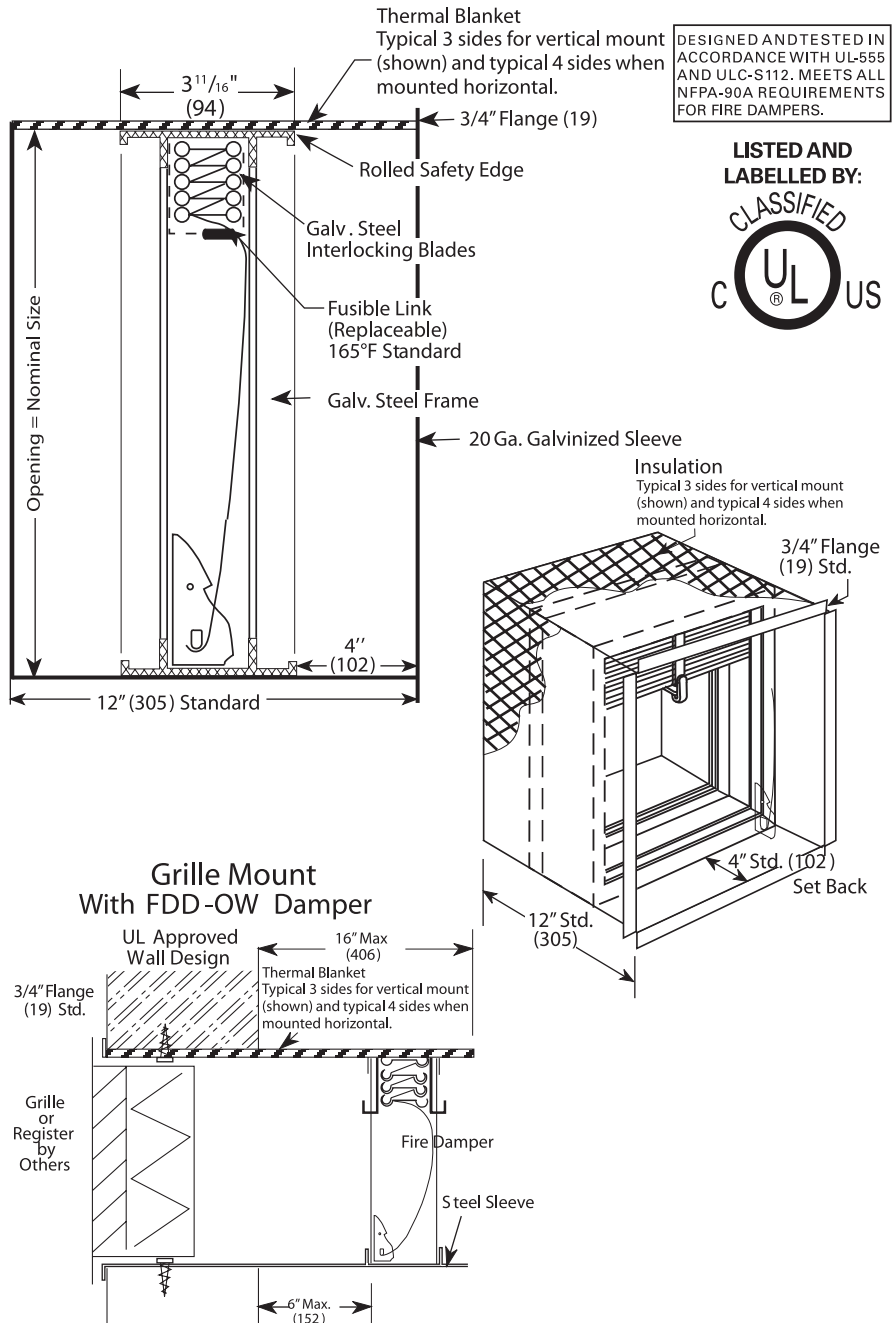
**Notes:** Dampers are furnished approximately actual size of given duct dimensions, (not including thermal blanket). Wall opening must be over-sized by 3/8" (10mm) to accommodate thermal blanket thickness.


### Optional Construction:

- ☐ Sleeve Gauge
  - ☐ 18 Gauge
  - ☐ 16 Gauge
  - ☐ 14 Gauge
  - ☐ 10 Gauge
- ☐ Sleeve Length (Required)
- ☐ 212°F fusible link (vertical only, 24"x24" (610mm x 610mm) max size)

### Features:

- The FDD-OW fire damper has been designed and tested to exceed all UL, ULC, and NFPA requirements.
- They are intended for use in dynamic design systems where the grille and damper assembly do not allow for the damper to be mounted in the plane of the fire barrier.
- UL 555 and ULC S112 listed and labeled as a 1½ hour vertical or horizontal fire damper.
- The Fire damper, insulation, and sleeve must be ordered from the factory as an assembly.
- Damper approved for up to 2000 FPM at 4.0"SP.



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<b>ENGINEER:</b>			
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