

## Dynamic Fire Damper, Vertical

### Model

Dynamic Fire Damper **FDD-VAG**

### Standard Construction:

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

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

**Factory Sleeve:** 12" (305mm) - 20 Ga.

**Flange:** 3/4" (19mm)

**Springs:** Stainless Steel.

**Fusible Link:** U.L. Listed 165°F

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

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

**Mounting:** Vertical

### Optional Construction:

- Sleeve Gauge
  - 18 Gauge Sleeve
  - 16 Gauge Sleeve
  - 14 Gauge Sleeve
  - 10 Gauge Sleeve
  - Sleeve Length (Required) \_\_\_\_\_
- Damper Setback
- 3 Hour Rating
- Round Transition (FDD-VAGR)
- 212°F fusible link (vertical only, 24"x24" (610mm x 610mm) max size)

**Notes:** Dampers are furnished approximately 1/4" (6mm) smaller than given duct dimensions.

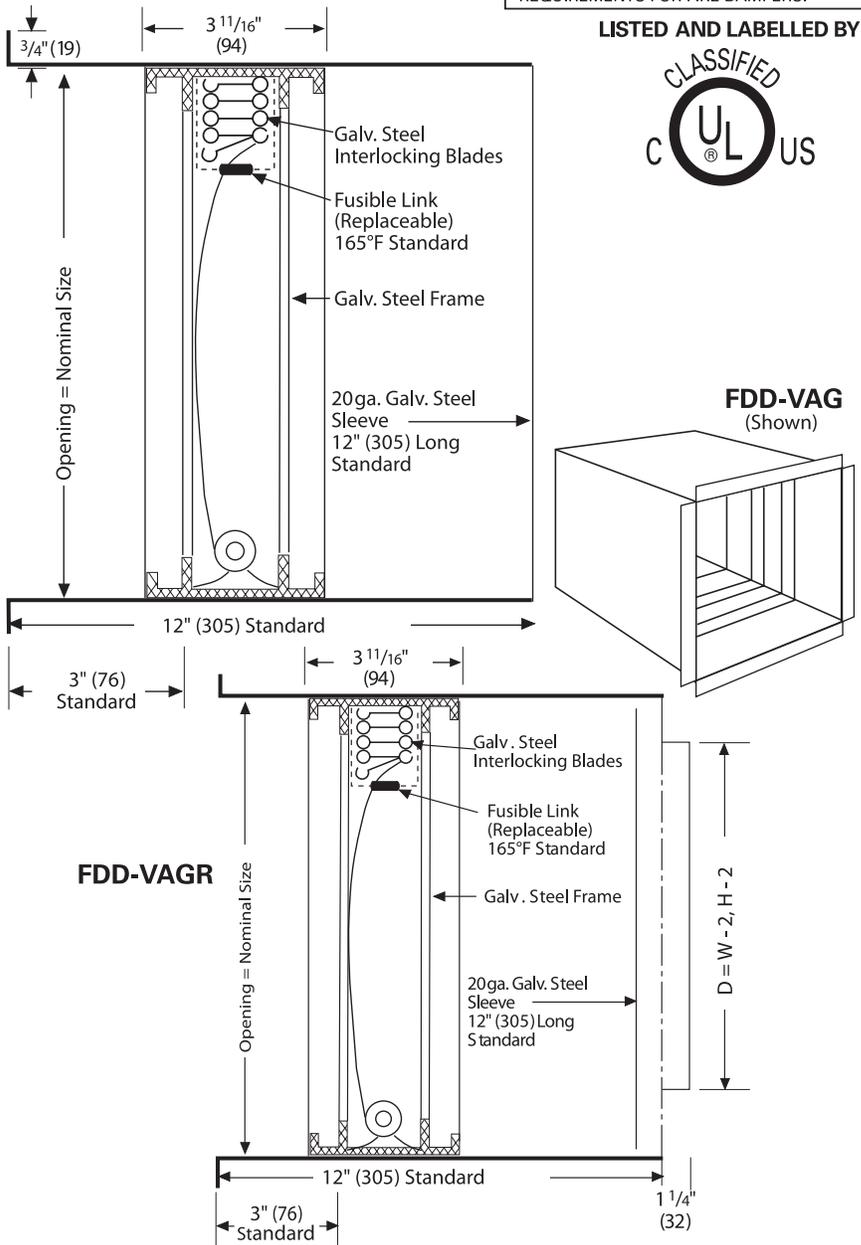
UL/ULC Approved For Use in Dynamic and Static Systems.

### Manufacturer's Recommendations

All moving parts of the damper must be inspected and cycled at intervals not greater than every six months and in accordance with the latest edition of NFPA 90A, 92A, local codes and the actuator manufacturer. In addition, fuse links shall be removed and inspected for corrosion. Dry lubricants are recommended.

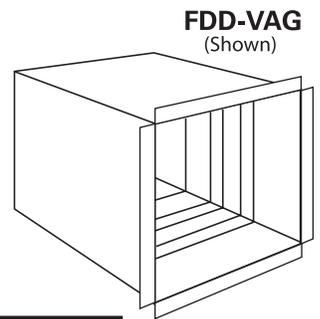
Specifications are correct at time of printing. However, as part of our 'continuous improvement program,' we reserve the right to make further improvements without notice.

### FDD-VAG SIDEWALL GRILLE TYPICAL VERTICAL DAMPER



DESIGNED AND TESTED IN ACCORDANCE WITH UL-555 AND ULC-S112. MEETS ALL NFPA-90A REQUIREMENTS FOR FIRE DAMPERS.

LISTED AND LABELLED BY :



<b>PROJECT:</b>		
<b>ENGINEER:</b>		
<b>CUSTOMER:</b>		Jul / 06
<b>SUBMITTAL DATE:</b>	<b>SPEC. SYMBOL:</b>	245012

## Dynamic Fire Damper, Horizontal

### Model

Static Fire Damper **FDD-HAG**

### Standard Construction:

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

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

**Factory Sleeve:** 12" (305mm) - 20 Ga.

**Flange:** 3/4" (19mm)

**Springs:** Stainless Steel.

**Fusible Link:** U.L. Listed 165°F.

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

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

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

**Mounting:** Horizontal

### Optional Construction:

- Sleeve Gauge
  - 18 Gauge
  - 16 Gauge
  - 14 Gauge
  - 10 Gauge
- Sleeve Length (Required) \_\_\_\_\_
- Damper Setback
- 3 Hour Rating
- Round Transition (FDD-HAGR)

UL/ULC Approved For Use in Dynamic and Static Systems.

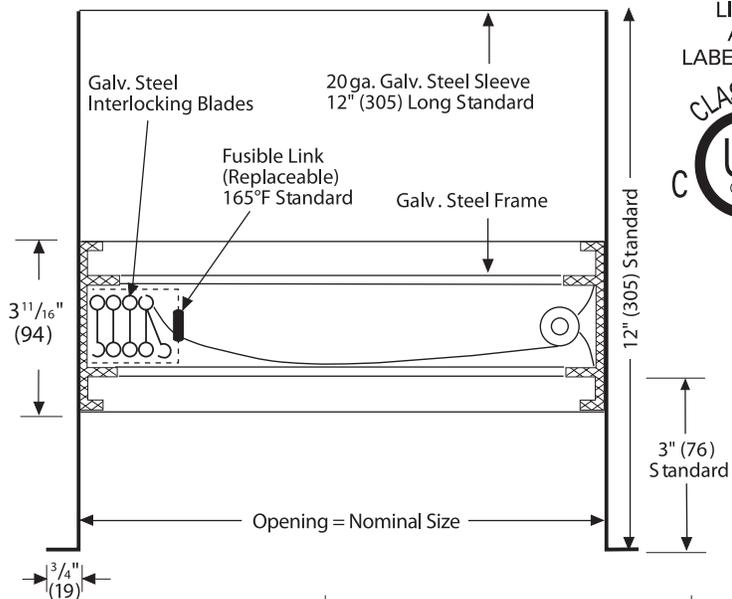
### Manufacturer's Recommendations

All moving parts of the damper must be inspected and cycled at intervals not greater than every six months and in accordance with the latest edition of NFPA 90A, 92A, local codes and the actuator manufacturer. In addition, fuse links shall be removed and inspected for corrosion. Dry lubricants are recommended.

Specifications are correct at time of printing. However, as part of our 'continuous improvement program,' we reserve the right to make further improvements without notice.

### FDD-HAG CEILING /FLOOR GRILLE TYPICAL HORIZONTAL DAMPER

DESIGNED AND TESTED IN ACCORDANCE WITH UL-555 AND ULC-S112. MEETS ALL NFPA-90A REQUIREMENTS FOR FIRE DAMPERS.

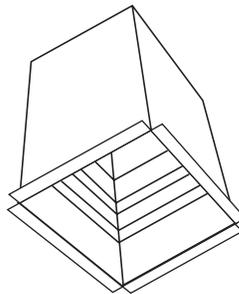


LISTED AND LABELLED BY:

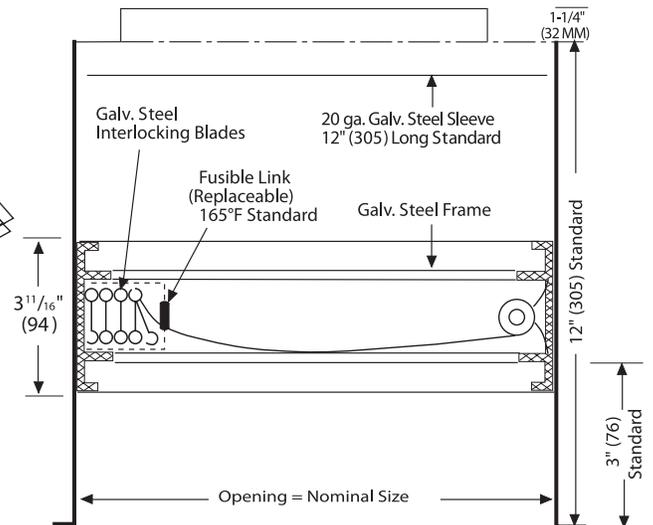


### FDD-HAGR

$$D = W - 2, H - 2$$



FDD-S-HAG (Shown)



<b>PROJECT:</b>			
<b>ENGINEER:</b>			
<b>CUSTOMER:</b>		Jul / 06	
<b>SUBMITTAL DATE:</b>	<b>SPEC. SYMBOL:</b>	245013	