

assembly.

4.0"SP.

Damper approved for up to 2000 FPM at

## **Model FDD-OW**

1<sup>1</sup>/<sub>2</sub> Hour Rated "A" Style Outside Wall Application

## **Dynamic Fire Damper, Horizontal and Vertical**

## Model Thermal Blanket Typical 3 sides for vertical mount DESIGNED ANDTESTED IN **Dynamic Fire Damper** FDD-OW (shown) and typical 4 sides when ACCORDANCE WITH UL-555 AND ULC-S112. MEETS ALL **Standard Construction:** mounted horizontal. NFPA-90A REQUIREMENTS Frame: Roll Formed Galvanized Steel with (94)FOR FIRE DAMPERS. **───** 3/4" Flange (19) Safety Edge. **LISTED AND** Blades: Roll Formed Galvanized Steel, Rolled Safety Edge LABELLED BY: Curtain-Type ASSIFIED Sleeve: 20 Ga. Galvanized wrapped in Galv . Steel thermal blanket. Interlocking Blades Heat Responsive Devices: Fusible Links, 165°F Std. Opening = Nominal Size Fusible Link Finish: Mill galvanized Standard. (Replaceable) **Vertical Mount:** 165°F Standard Min. Size: 6"w x 6"h (152 mm x 152 mm) Max. Single Section: 36"w x 36"h (914 Galv. Steel Frame mm x 914 mm) Max. Size: 42"wx36"h(1067 mmx914 mm) 20 Ga. Galvinized Sleeve **Horizontal Mount:** Insulation Min. Size: 6"w x 6"h (152 mm x 152mm) Typical 3 sides for vertical mount (shown) and typical 4 sides when Max. Single Sect.: 24"w x 24"h (610 mm mounted horizontal. x 610 mm) 3/4" Flange Max. Size: 36"w x 36"h (914mm x 914 mm) (19) Std. 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) (102) to accomodate thermal blanket thickness. **Optional Construction:** 12" (305) Standard ☐ Sleeve Gauge ☐ 18 Gauge ☐ 16 Gauge ☐ 14 Gauge ☐ 10 Gauge ☐ Sleeve Length (Required) ☐ 212°F fusible link (vertical only, 24"x24" 4" Std. (102) Grille Mount (610mm x 610mm) max size) Set Back With FDD-OW Damper Features: 12" Std. The FDD-OW fire damper has been de-**UL** Approved (305)(406) signed and tested to exceed all UL, ULC, Wall Design Thermal Blanket and NFPA requirements. 3/4" Flange Typical 3 sides for vertical mount They are intended for use in dynamic de-(shown) and typical 4 sides when $sign\,systems\,where\,the\,grille\,and\,damper$ 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 Grille as a 11/2 hour vertical or horizontal fire or Register by Others Fire Damper The Fire damper, insulation, and sleeve must be ordered from the factory as an

PROJECT:		Prii		
ENGINEER:				
CUSTOMER:		Jul / 06		
SUBMITTAL DATE:	SPEC. SYMBOL:	245014		

S teel Sleeve