FIRE SMOKE DAMPER

MODEL SAS-FSD-1.5PB (1-1/2 HR)

APPLICATION
MODEL SAS-FSD-11PB is a UL 555 & UL 555S Classified combination fire smoke damper used in dynamic smoke management system and can be used in a 2 or 4 hours walls or floors . It meets NFPA 90A , UL 555 & UL 555S

Operation & Dynamic closure for Vertical & Horizontal mount with airflow on both sides rated:
-Max static pressure : up to 4" W.G(1000 Pa)
-Max Velocity : up to 4000 FPM (20.3 m/S0
-Operating Temp : up to 350°F (177 °C)

STANDARD CONSTRUCTION

FRAME
16 gauge (1.6 mm) galvanized steel interlocking hat section channel frame construction.

BLADES
16 gauge (1.6 mm) galvanized 3 "V" formed .

CLOSURE DEVICE.
Electronic fusible link with closure temperature of 165 °F(74°C) (others available)

BEARINGS
Sintered bronze, oil impregnated.

LINKAGE
Plated steel in opposed blade configuration, concealed inside the jamb, Operator shaft ½ " steel rod.

FINISH
Mill Galvanized

BLADE SEALS
Extruded silicone blade seals and stainless steel jamb seals.

JAMB SEALS
300 series stainless Steel , flexible metal compression type.

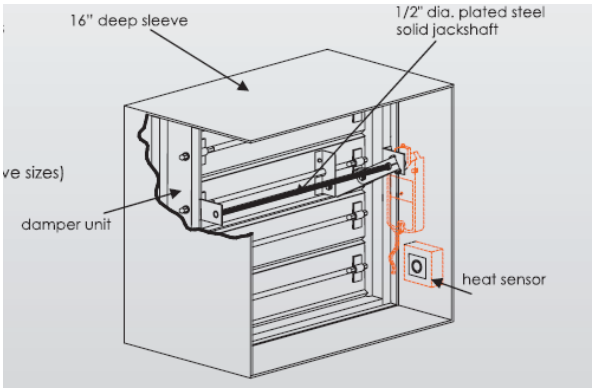
UNDERSIZED
¼" under ordered size unless specified exact or actual

SLEEVES
Rectangular 18GA x 16" galvanized steel

MINIMUM SIZE SINGLE SECTION
8" width x 6" Height

MAXIMUM SIZE SINGLE SECTION
36" Width X 48 " Height Vertical
36" x 36 " Vertical /Horizontal

OPTIONAL CONSTRUCTION
Heat sensor -212 °F ,250°F



JACK SHAFT
½ " (12.7 MM) diameter zinc plated steel with jack shaft connector coupling

ACUATOR :
Electric spring return 230 V ,120 V or 24 V and pneumatic.

CAULKING
UL approved silicone sealants

OPTIONS
Closure device –Fusible Link
Bearings : Stainless Steel
Actuator Mounting : External & internal
Optional Material : Stainless steel construction
Sleeves : Round, Oval and specials.

MODEL	Hr Class	Leakage Class	Mounting Position	Single Section Size			
				W		H	
				Min	Max	Min	Max
FSD 1.5 PB	1.5	I-250,I-350	H,V	8	36	6	48
FSD 3 PB	3	I-250,I-350	H,V	8	36	6	48

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