

STATIC MULTI-BLADE FIRE DAMPER FOR USE IN STATIC SYSTEMS 3 HR. LABEL • AIRFOIL BLADE SQUARE, RECT. OR OVAL DUCT CONNECTION MODEL: 1203-3 (TYPE C SLEEVE ENCLOSURE)

QUALIFICATIONS:

- UL 555 & CAN/ULC-S112 CLASSIFIED FIRE DAMPER 3 hr. Label (File # R9492).
- Meets NFPA 80, 90A and 101 as well as IBC and NBC (Canada) Building Code requirements.
- California State Fire Marshal Listing No. 03225-0935:101.
- City of New York. MEA# 366-03-M.

The 1200-3 Series Dampers are ideal for applications where building codes require a fire damper for the protection of ductwork penetrations in walls or floors that have a fire resistance rating of up to 4 hours.

The 1200-3 Series is classified for use only in static "fans off" systems where the HVAC system is automatically shut down in the event of a fire alarm.

The 1200-3 Series has been especially designed and tested to provide premium performance. Airfoil blade design and elimination of blade sills, top and bottom, provide a low pressure drop design.

The 1200-3 Series features the industry proven over-center knee-lock design with high torque spring/fusible link closure.

Unique, inter-locking double skin blade design provides flame and smoke seal under fire conditions.

The 1200-3 is supplied as standard with an internal locking guadrant which holds the damper in the fully open position, but may also be used for system balancing if required.

ior system balance				2" н//	to the second	1
STANDARD S	PECIFICATION:			(51)		
Frame:	5" x 7/8" x 16 ga. (127 x 22 x 1.6) galvanized steel hat channel.					30
Blades:	14 ga. (2.0) equivalent galvanized steel formed _{'C' EN} airfoil on 5 1/2" (140) centers. Opposed action.				W V + 2" (51) OR	
Linkage:	Concealed in frame. 12 ga. (2.7) plated steel.				" (203) MIN.	
Bearings:	1/2" (13) dia. self-lubricating oilite bronze.		LEEVE			
Axles:	1/2" (13) dia. plated steel double bolted to blades.			+		
Jackshaft:	1/2" (13) dia. cadmium plated steel. Internal1/8" (3) (D – 1/4" (6)locking quadrant is factory installed.1/4" (6) 0"		CCW TO OPEN ₇		Wall	Minimum Sleeve
Fusible Link:	165°F (74°C) standard. 212°F (100°C) available. $\frac{\text{OVER}}{36"}$				Thickness	Length
Min. Duct Size:	Vertical or Horizontal mount: $4^{"} \times 4^{"} (102 \times 102)$. (914)) (Overall damper size is $8^{"} \times 8^{"} [203 \times 203]$ min.).			+	4 (102)	16 (406)
Max. Duct Size:		L			8 (203)	20 (508)
	Vertical mount: 34" x 46" (864 x 1168). Horizontal mount: 30" x 46" (762 x 1168).		8" (203) - 5" (12 STANDARD		12 (305)	24 (610)
	Multiple Section Assembly Vertical mount only: 118" x 94 "(2997 x 2388) (Individual sections not to exceed 28" x 46" [711 x		STANDARD ' ' ' (12 		16 (406)	28 (711)
	1168] duct size).			Position inc	licator switch	nack
SLEEVE/ENCLOSURE SELECTION:				Position indicator switch pack Stainless steel bearings		
□ 1203-3 Standard factory sleeve 16" long x 20 ga. (406 x 1.0)				Flexible metal jamb seals		
(18 ga. [1.3] for dampers over 84" [2134] in width).			QS1	Quick-set retaining angle (one side)		
🛛 1203-3 Non-s	tandard sleeve. Specify length ga.		QS2	Quick-set r	etaining angle	es (two side:
Availa	ble up to 36" (914) dependent upon wall thickness		Special feat	ures		·
and 1	0 through 20 ga. (3.5 through 1.0).	For	r installation	instruction	s, see IOM-M	BFDINST.
SCHEDULE TYPE:			Dimensions are in inches (mm).			
PROJECT:						
ENGINEER:			DATE	B SERIES	SUPERSEDES	DRAWING N
CONTRACTOR:			5 - 10 - 11	1200	NEW	1200-3-4

