

Stainless Steel

Fire Damper Models: 119, 319, MD19

APPLICATION

Stainless Steel 119 and 319 Fire Dampers are available for static installation in either a 1½ hour or 3 hour application. The 119 and 319 stainless steel dampers come in three different styles. The "A" style is without any transition, and the blades are in the air stream (see also SD-119 and SD-319). The "B" style has a B-Pan so the blades are out of the airstream (see also SI-BPAN). The "C" style is with a round, oval, or square transition and has 100% Free Area (see also SI-TRFD).

The MD19 is available in Stainless Steel construction for dynamic installation. The multi-blade fire dampers are available in a 1½ hour application (see SD-MD19).

PANEL SIZE LIMITATIONS

Orientation		Horizontal & Vertical	Horizontal		Vertical	
Panel	Minimum Panel	Maximum Single Section	Maximum Assy Panel	Maximum Single Section	Maximum Assy Panel	
119(SS)	A	4"W x 4"H	48"W x 48"H	102"W x 48"H duct (36"W x 48"H each section)	60"W x 60"H duct 120"W x 120"H duct 40"W x 60"H (each section)	
	B	4"W x 3"H duct (4"W x 5"H frame)	48"W x 43"H duct (48"W x 48"H frame)	102"W x 43"H duct (102"W x 48"H frame) (36"W x 48"H each section)	60"W x 55"H duct (60"W x 60"H frame) 120"W x 115"H duct (120"W x 120"H frame) (40"W x 60"H each section)	
	C	4"W x 4"H duct (6"W x 7"H frame)	46"W x 42"H duct (48"W x 48"H frame)	100"W x 42"H duct (102"W x 48"H frame)	58"W x 54"H duct (60"W x 60"H frame) 118"W x 114"H duct (120"W x 120"H frame)	
319(SS) (Vertical only)	A	4"W x 4"H	N/A	N/A	47"W x 48"H 93"W x 48"H duct 46.5"W x 48"H (each panel)	
	B	4"W x 3"H duct (4"W x 5"H frame)	N/A	N/A	47"W x 43"H duct (47"W x 48"H frame) 93"W x 43"H duct 46.5"W x 48"H (each panel)	
	C	4"W x 4"H duct (6"W x 7"H frame)	N/A	N/A	45"W x 42"H duct (47"W x 48"H frame) 91"W x 42"H duct 93"W x 48"H (frame)	
MD19(SS) 2000 fpm, 4in.wg	8"W x 8"H	24"W x 24"H	N/A	36"W x 32"H	108"W x 32"H	
MD19(SS) 4000 fpm, 4in.wg	8"W x 8"H	24"W x 24"H	N/A	36"W x 32"H	N/A	

119 & 319

STANDARD MATERIALS AND CONSTRUCTION

FRAME: 22-GA 304 stainless steel, one-piece rollformed

BLADE: 22-GA 304 stainless steel, curtain type

FUSIBLE LINK: UL-Listed 165°F; Replaceable

CLOSURE SPRINGS: Horizontal Models - Heat-treated Type 301 stainless steel constant force coiled negator type

FINISH: Mill

FOR "C" STYLE DAMPERS

TRANSITION CAPS: 304 stainless steel, riveted to sleeve frame

DUCT COLLARS: 304 stainless steel, crimped to transition

OPTIONS

212°F Replaceable Fusible Link

Factory-Supplied Sleeves (20-GA through 10-GA)

PK1202 Position Indicator Switch

B-Pan, Round, Oval, or Square Transitions

Multiple Panel Unit Assembly

Tab-Lock Retaining Angles (Galvanized Steel)

Perimeter Flange

Pull Ring

NOTES

- "A" width and "B" height are opening dimensions. Dampers are provided ¼" undercut.
- Unassembled multiple units do not include mullions.

MD19

STANDARD MATERIALS AND CONSTRUCTION

FRAME: 5½" x 7⁄8" x 16-GA 304 stainless steel hat channel. A flat head and sill are used for sizes thru 13" high

BLADE: 16-GA 304 stainless steel single thickness; Parallel action

AXLES: 304 stainless steel stub

BEARINGS: Stainless steel

LINKAGE: 304 stainless steel angle and crank plates with stainless steel pivots; In-jamb type or on-blade type

STOPS: 18-GA 304 stainless steel at head and sill

BLADE SEALS: Silicone

JAMB SEALS: Stainless steel

CAULKING: Hardcast Irongrip 601 or UL-listed equivalent

FINISH: Mill

OPTIONS

212°F Replaceable Fusible Link

Factory-Supplied Sleeves (20-GA through 10-GA)

Round, or Oval Transitions

Tab-Lock Retaining Angles (Galvanized Steel)

316 Stainless Steel (where available)

NOTES

- "A" width and "B" height are opening dimensions. Dampers are provided ¼" undercut.

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