

# Stainless Steel Fire Damper

Fire Damper • Models: 17S, 38S, 17MD

## APPLICATION

Stainless Steel Fire Dampers are available for static installation in either a 1½ hour or 3 hour application. The 17S and 38S 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-17S-09.07 and SD-38S-09.07). The "B" style has a B-Pan so the blades are out of the airstream (see also SI-B-PAN-09.07). The "C" style is with a round, oval, or square transition and has 100% Free Area (see also SI-TRFD-09.07).

The 17MD is available in Stainless Steel Construction for dynamic installation. The multi-blade fire dampers are available in a 1½ hour application (see SD-17MD-09.07).

## PANEL SIZE LIMITATIONS

Orientation	Horizontal & Vertical	Horizontal		Vertical			
		Panel	Minimum Panel	Maximum Single Section	Maximum Assy Panel	Maximum Single Section	Maximum Assy Panel
Model	17S(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 (64"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)
	38S(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)
	17MD(SS)	8"W x 8"H	24"W x 24"H	N/A	36"W x 32"H	108"W x 32"H	

### 17S & 38S

#### 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)

SPDT "Closed Damper" Position Indicator Switch

B-Pan, Round, Oval, or Square Transitions

Multiple Panel Unit Assembly

Tab-Lock Retaining Angles

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.

### 17MD

#### STANDARD MATERIALS AND CONSTRUCTION

**FRAME:** 5½" x 7⁄8" x 16-GA 304 stainless steel hat channel. A flat head and sill

**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)

SPDT "Closed Damper" Position Indicator Switch

Round, or Oval Transitions

Tab-Lock Retaining Angles

#### NOTES

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

Louvers  Dampers  
A McCook Company

P.O. Box 606 • 7435 Industrial Rd • Florence, KY 41042 • Phone (859) 647-2299 • Fax (859) 647-7810

# Stainless Steel Fire Damper

---

Fire Damper • Models: 17S, 38S, 17MD

This page intentionally left blank.