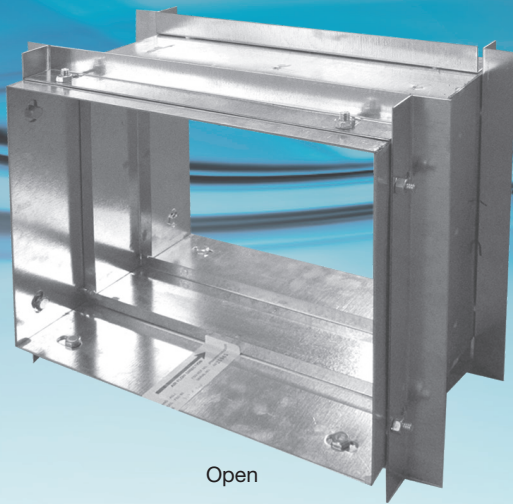
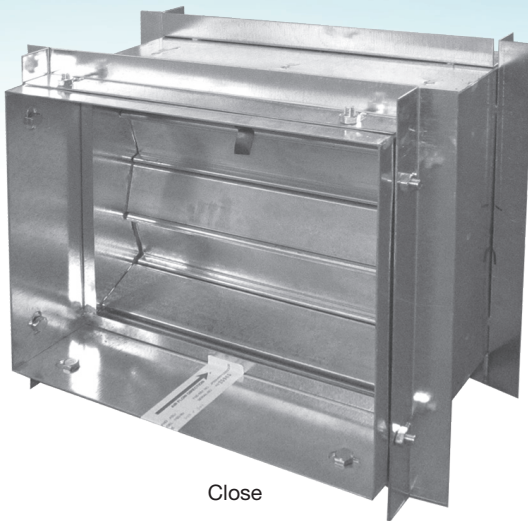


FDC-T Curtain Type Fire Damper

Tested and conform to SS 333:2012 and BS 476: Part 20:1987



Open



Close

FDC-T is a curtain type fire damper, which shut off the fire damper when the fusible link fuses off at 74°C(165°F). No tensioned spring is required. The blades will fall down by its weight when fusible link is open.

Materials

Frame : 1.5mm galvanized steel.

Blade : 0.8mm curtain typed.

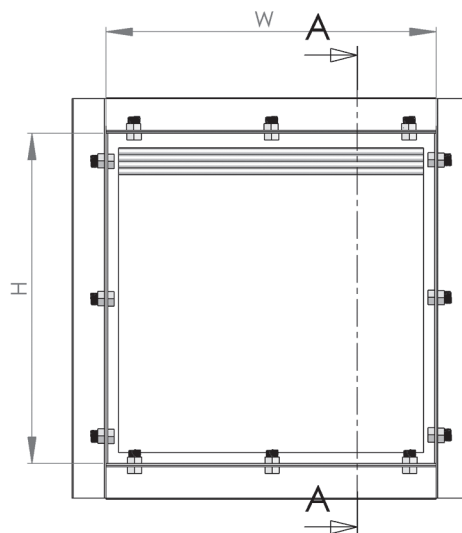
Connection Type

Angle bar (A) as standard.

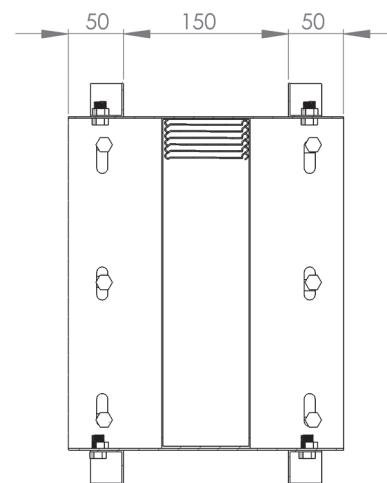
Features

- Curtain type blades. No tensioned spring is required.
- FDC-T frame and blades are solid structured.
- FDC-T has to be installed vertically to allow the curtain-type blades to fall down.
- FDC-T is constructed and tested to 4 hours BS 476 Part 20:1987, & SS 333: 2012
- Leakage test and reliability test conform to SS 333: 2012

FDC-T Construction Illustrations



Front View



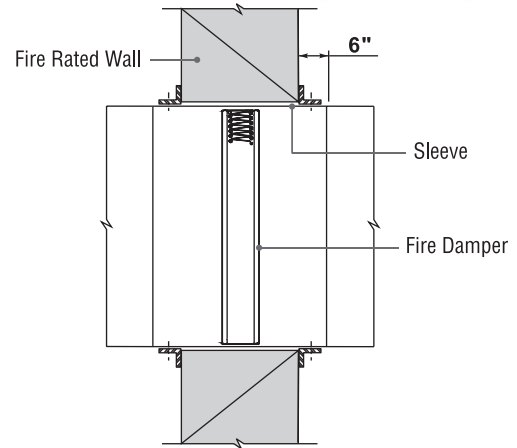
SECTION A-A
SCALE 1 : 4

Sectional View

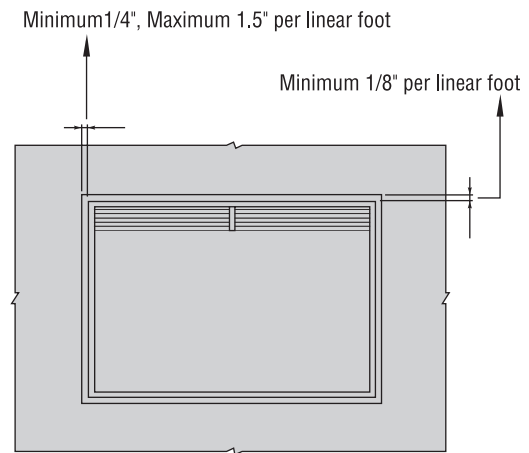
FDC-T Curtain Type Fire Damper

Curtain Type Fire Damper (FDC-T) Installation

FDC-T sits in the sleeve in between the fire rated wall. The sleeve has to be extended both ways with maximum 6 inches from the wall. If there is an access door, the extended sleeve can not be more than 16 inches.



The opening of the wall must be bigger than the size of the fire damper and sleeve for elongation during high temperature. The minimum gap on top and at the bottom of fire damper is 1/8 inch per foot and minimum 1/4 inch per foot (maximum 1.5 inch per foot) at the side of the fire damper.



FDC-T Leakage Performance Data

Static Pressure Drop	Leakage
Pa	L/s
250	109
500	155
750	190
1000	220
1250	246

Above performance data were tested for size 1000mm x 1000mm in accordance with SS333: 2012 standard

FDC-T Order Code *Unit : mm*

Model	Neck Size (W X H X D)	Connection Type (Left)	Connection Type (Right)
FDC-T	1000mm X 1000mm X 150mm	Angle bar (A)	Angle bar (A)

Example: FDC-T-1000mmX1000mmX150mm-AA