



MODEL F/S-3V-CR-I
COMBINATION FIRE/SMOKE CORRIDOR DAMPER
 U.L. 555 CLASSIFIED 1 HOUR / U.L. 555S CLASSIFIED CLASS I

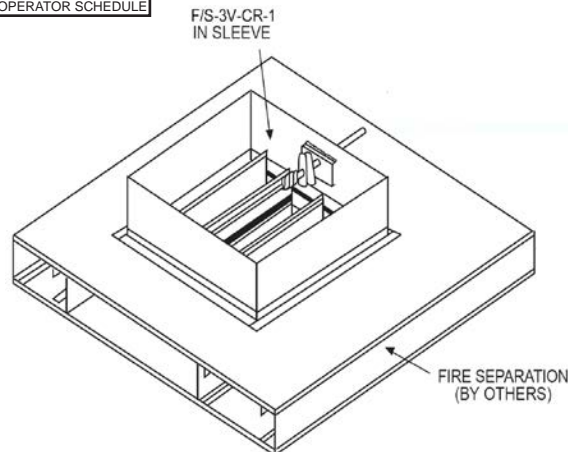
UL File No.
R25410

Standard Construction:

- Frame:** Roll-formed galvanized steel hat-section with staked corners with integral bracing.
- Blades:** 16ga. Roll-formed galvanized steel.
Minimum width: 4.250" (108mm)
Maximum width: 7.250" (184mm)
- Bearings:** Bronze Oilite, press-fit into frame.
- Axles:** Square, plated steel.
- Seals:** Pressure sensitive 450° F silicone blade edge seals and flexible metal jamb seals.
- Linkage:** Concealed in frame. Linkage bars are .125 (3.2mm) thick plate steel .
- Controlled Closure Devices:** (Heat Activated)
EFL - 165° F Standard, 212°, 250°, 350° F available
PFL - 165° F Standard, 212° F available
- Sleeve:** 16" (406mm) X 20 Ga, Std. Others available
- Finish:** Mill galvanized.
- Maximum Velocity:** 2000 fpm (10.2 m/s) on all sizes
- Maximum Pressure:** 4" wg (1kPa)

Note: Due to continuing research, UE reserves the right to change specifications without notice.

U.L. 555S CLASSIFIED
AT 250 °F OR 350 °F
DEPENDING UPON
MOTOR/OPERATOR
*SEE MOTOR/OPERATOR SCHEDULE



Sizes:

- Minimum Size:** 8"w x 6"h (203mm x 152mm)
- Maximum Size:** 24"w x 24"h (610mm x 610mm)

Features:

- The F/S-3V-CR-I series Corridor Fire/Smoke Dampers have been designed and tested to exceed all U.L., and N.F.P.A. requirements for fire dampers as well as smoke dampers.
- F/S-3V-CR-I is U.L. 555 listed and labeled as a fire damper.
- U.L. listed for horizontal mountings.
- U.L. 555S listed and labeled as a Leakage Class I rated Smoke Damper with airflow in both directions. Class I provides for a maximum leakage of 8 cfm per sq. ft. at 4.0 inches static pressure.

Notes:

Sleeved dampers are furnished approx. same size as given duct dimension, unless otherwise noted.

Options:

- Factory sleeves _____ Ga (20 Ga. std.)
Length _____ (min. 16")
- Retaining Angles
 - One Side
 - Both Sides
- Transitions
 - Round
 - Oval
- Actuator
 - Electric, _____ VAC Voltage
 - Pneumatic, 25 psi
- Smoke Detector
 - Ionization
 - Photoelectric
- DTO/RE w/ MS Package
- Micro-Switch Package
- RCB-1, -2, -3

Suggested Specification

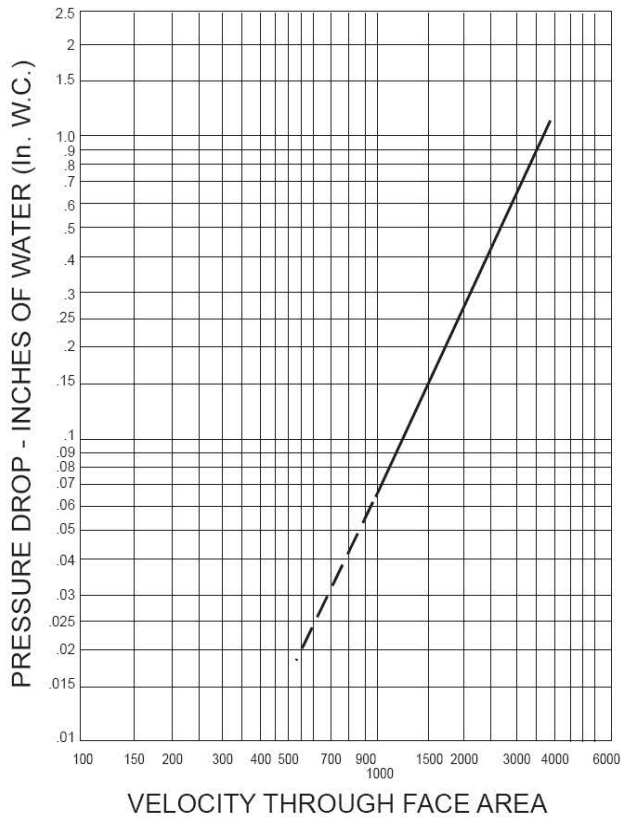
Corridor Fire/Smoke Dampers shall be Model: F/S-3V-CR-I, by United Enertech. Corridor Dampers shall bear the Underwriters' Laboratories label for "Corridor Damper" and have a minimum 1 hour fire rating and a minimum Class I leakage rating with a maximum leakage not exceed 8 cfm per sq. ft. at 4.0 inches static pressure for any size. Linkage shall be of the concealed type for maximum free area.

Name:	<input type="checkbox"/> MODEL F/S-3V-CR-I (1 hour)		
Location:			
Architect:			
Engineer:	DRAWN BY: MAB	DATE: 11-13-07	REV. DATE: 10-31-08
Contractor:	REV. NO. 4	APPROVED BY: SDC	DWG. NO.: B-15

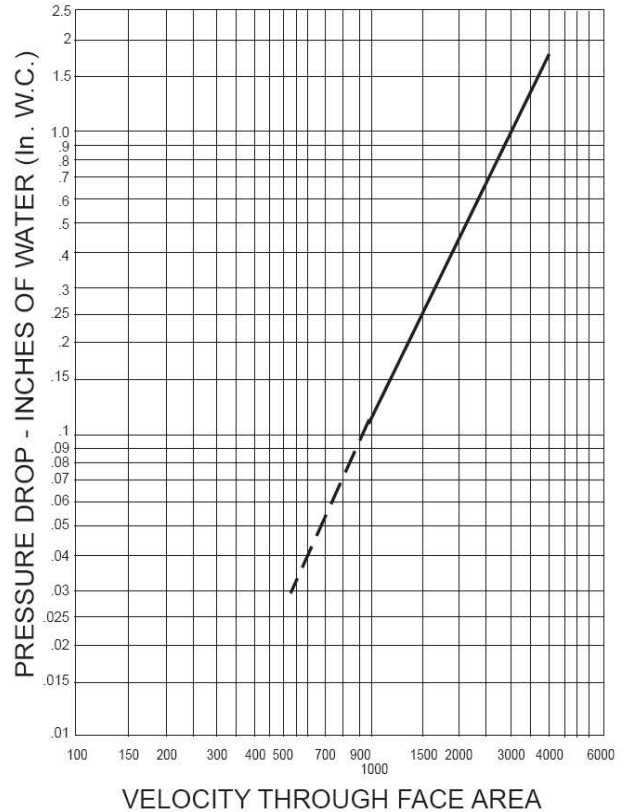
PERFORMANCE DATA

Pressure drop testing was done by an independent laboratory to AMCA Standard 500-D, Fig. 5.3 ductwork upstream & downstream.

DAMPER SIZE 24 x 24



DAMPER SIZE 12 X 12



Suggested Specification

Corridor Dampers shall be Model FS-3V-CR-I by United Enertech Manufacturing. Corridor Dampers shall bear the Underwriters' Laboratories label for "Corridor" dampers and have a minimum 1 hour fire rating and a minimum Class I leakage rating with a maximum leakage of 8.0 cfm per sq. ft. at 4.0 inches static pressure for any size. Linkage shall be of the concealed type for maximum free area.

- The FS-3V-CR-I series Corridor Dampers have been designed and tested to exceed all U.L., N.F.P.A., U.B.C., and City of Los Angeles requirements for corridor dampers installed in tunnel corridor ceiling constructions.
- U.L. 555 listed and labelled as a 1 hour fire damper.