



# Series 40

Corridor Damper

## Specifications

### UL Classified - 1 Hour Rating:

Leakage Class: Class I - Ultra Low Leakage and Class II - Low Leakage  
Horizontal Installation  
Temperature Ratings - 250° and 350° F  
Opposed Blades  
Maximum Velocity: 2000 FPM (4" WG)

### Standard Construction:

Frame: 16 Ga galvanized steel  
Blades: 16 Ga galvanized steel triple crimped, 6" centers  
Seals: Silicone blade and stainless jamb  
Linkage: concealed in jamb  
Bearings: 5/8" oilite bronze  
Axles: 7/16" plated hex  
Control Shaft: 1/2" round  
Thermal Disc: 165°F standard / 212°F optional

### Options:

Sleeves: 17", 20", 24"  
Actuator Mounting: External (with sleeve) or Internal, Right or Left  
Actuator Voltage: 24V, 120V  
Actuator Type: Belimo  
Actuator Operation: Power-Open/Fail-Close

### Sizes:

Minimum: 8" x 6"  
Maximum - Single Section: 24"W x 24"H  
*\* duct sizes less than 10" height will have transition on sleeve*

### Models:

Type R, square transition

Job: \_\_\_\_\_

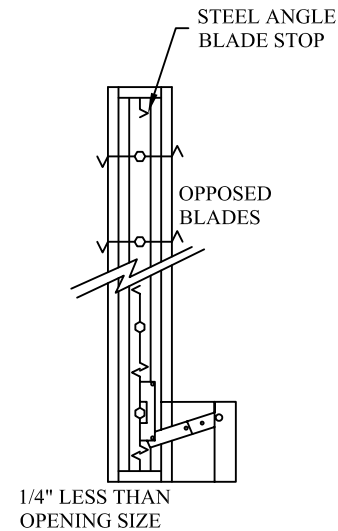
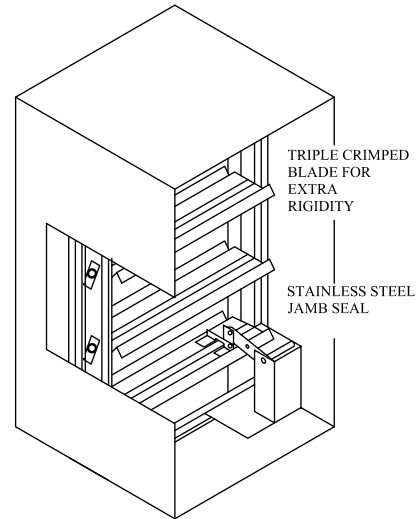
Location: \_\_\_\_\_

Submitted to: \_\_\_\_\_

Submittal Prepared by: \_\_\_\_\_

Approve Date: \_\_\_\_\_

Date: \_\_\_\_\_



UL Standards 555 and 555S  
NFPA Standard 90A and 92  
NFPA Bulletin 80  
ICC Building Codes



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# Part Number Format

**4 2 V 1 E 2 4 2 4 G 1 R S 4**

**Width**  
24" Max

**Height**  
24" Max

**Internal/External/Right/Left End Switch/No Endswitch**  
 E = External-Right-End Switch  
 A = External-Left-End Switch  
 B = Internal-Right-End Switch  
 C = Internal-Left-End Switch  
 D = External-Right-No End Switch  
 F = External-Left-No End Switch  
 J = Internal-Right-No End Switch  
 K = Internal-Left-No End Switch

**Actuator Type/Voltage**  
 1 = Belimo, 120v  
 2 = Belimo, 24v

**Blade Type**  
 V = Opposed Crimped

**Leakage Class**  
 1 = Class I, Ultra Low Leakage  
 2 = Class II, Low Leakage

**Model**  
 4 = Series 40 1 hr

**Response Device**  
 4 = No Response Devices

**Smoke Detector**  
 S = SL-2000-P (Default)  
 T = SL-2000-N  
 N = No Smoke Detector

**Transition**  
 R = Rectangular  
 V = Oval  
 C = Round  
 N = No Transition

**Sleeve Length**  
 1 = 17"  
 2 = 20"  
 3 = 24"

**Link and Rating**  
 G = 165°F; 250°  
 H = 212°F; 250°  
 L = 165°F; 350°  
 M = 212°F; 350°

Qty.	Model	Leakage Class	Blade Type	Actuator Type	End Switch	Damper Size		Link Type	Sleeve Length	Transition	Smoke Detector
						W	H				

**TYPE R – square transition**

