



# Series 80

Air Control Damper

## Specifications

### 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

### Options:

Sleeves 22 Ga galvanized steel: 17", 20", 24"  
 Extended Shaft: 4", 6", 11"  
 Actuator Mounting: External or Internal, Right or Left  
 Actuator Voltage: 24V, 120V  
 Actuator Type: Belimo  
 Actuator Operation: Power-Open/Fail-Close

### Sizes:

Minimum: 8" x 6"\*  
 \* Consult Customer Service for size maximum

### Models:

Type N with no transition  
 Type R, square transition  
 Type C, round transition  
 Type V, oval transition

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

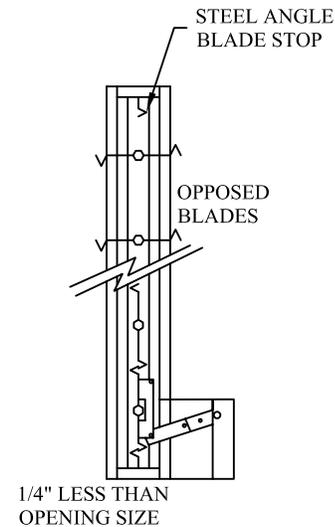
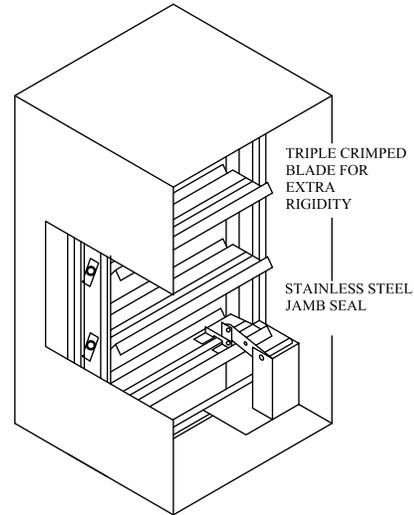
Location: \_\_\_\_\_

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

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

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

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



SMART



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# Part Number Format

**8 1 V 1 D 0 1 2 0 1 2 N S N N**

**Width**  
8" Min

**Height**  
6" Min

**Seals**  
S: With Jamb and Blade Seals Installed  
N: No Seals Installed

**Actuator Options**  
A: External, Left, End Switch  
B: Internal, Right, End Switch  
C: Internal, Left, End Switch  
D: External, Right, No End Switch  
E: External, Right, End Switch  
F: External, Left, No End Switch  
J: Internal, Right, No End Switch  
K: Internal, Left, No End Switch  
M: Manual, No Actuator

**Actuator Type/Voltage**  
1: Belimo, 120v, 2-position  
2: Belimo, 24v, 2-position  
3: Belimo, 24v, Modulating  
4: Manual

**Blade Type**  
V: Opposed Crimped Blades

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

**Sleeve Length**  
1: 17" Sleeve  
2: 20" Sleeve  
3: 24" Sleeve  
S: No Sleeve

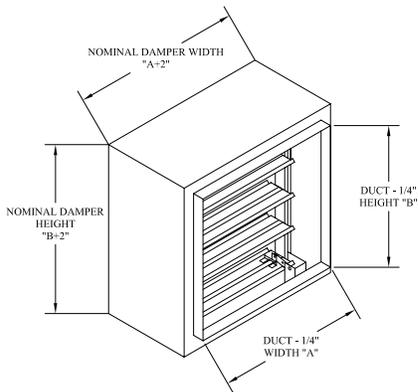
**Bearing**  
N: Nylon Bearing  
B: Bronze Bearing

**Shaft**  
1: 4" Shaft Extension, No Bracket  
2: 6" Shaft Extension and Bracket  
3: 11" Shaft Extension and Bracket

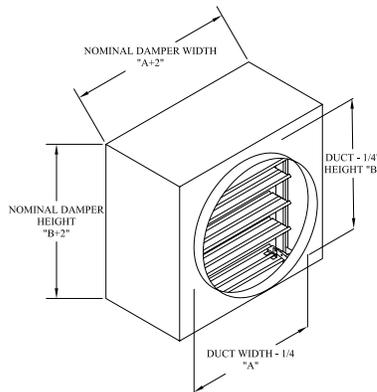
**Model**  
8: Series 80

Qty.	Model	Shaft	Blade Type	Actuator Type	Actuator Option	Damper Size		Bearing	Sleeve Length	Transition	Seals
						W	H				

**TYPE R – square transition**



**TYPE C or V – round or oval transition**



**TYPE N – no sleeve/side plate**

