



Model 800AW
Rectangular Cable Damper
Controlled Inside the Air -Stream

Application and Design

The Young Regulator Model 800AW is easily installed in the duct before the diffuser to control the volume of air flow. A flexible casing and wire is attached to the damper's operating blade. The casing and wire is terminated inside the air stream near the grille or diffuser. The push / pull motion of the inner wire moves the blades to open or close the damper. Once adjusted, the damper blades can be locked into position by tightening a setscrew on the locking coupling. Damper and cable are shipped assembled for quick, labor saving installation.



STANDARD CONSTRUCTION

Frame	.050 Aluminum Extrusions w/ Stiffening Beads
Blade	.050 Aluminum Extrusions w/ Stiffening Channels, 1.44 wide
Slide	Stainless Steel
Bushing	Individual Teflon Blade Bushings
Operator	Push/Pull Wire with Casing and Steel Locking Coupling

SIZE INFORMATION (CONSTRUCTED 3/16" UNDERSIZED)

Minimum Size	6" x 3"
Maximum Size	36" x 24"
Damper Width	2-1/8"

Quantity	Option	Notes

PROJECT	LOCATION
CONTRACTOR	DESIGN SPECIFIER

DAMPER RATINGS

Pressure	1" W.C.
Velocity	1000 RPM
Temperature	to 320° F

CASING AND WIRE

Outer Sheathing	3/16" Flexible Galvanized Spiral
Inner Wire	.054 Stainless Steel
Standard Length	36", custom lengths to 96"

OPTIONS

Aluminum Outer Sheathing (Casing & Wire)
Stainless Steel Outer Sheathing (Casing & Wire)
Stainless Steel Damper Construction (Damper)