



**Young Regulator Co.**

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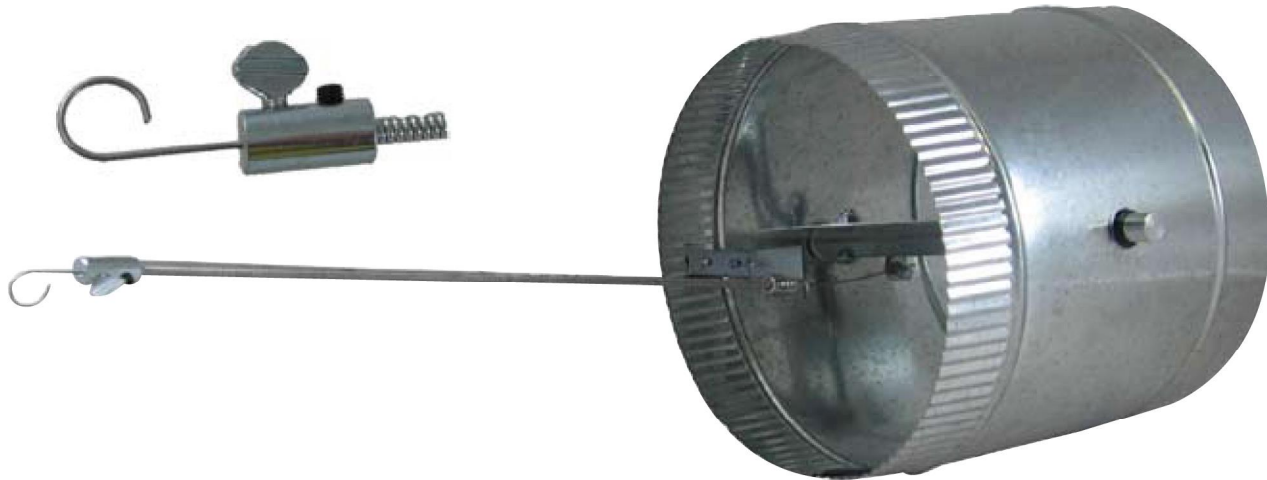
Submit 800-AWR – 1-10

**Model 800-AWR**

*Butterfly Damper  
 Controlled with a Flexible Casing and Wire  
 Inside the Air Stream*

**Application and Design**

The Young Regulator Model 830AWR 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 blade to open or close the damper. Once adjusted, the damper blade 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**

Shell	6" – 24 ga. Galvanized Steel 8" – 12" – 20 ga. Galvanized Steel Galvanized Steel
Blade	20 ga. Galvanized Steel "V" Blade
Shaft	½" Plated Steel
Bushing	Nylon for quiet operation
Operator	Locking Push/Pull Wire and Casing with Locking Steel Coupling

**SIZE INFORMATION**

Diameter	6", 8", 10", 12"
Shell Length	8"

**DAMPER RATINGS**

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

**CASING AND WIRE - CAN EXIT STRAIGHT OR CRIMPED END, CONTACT FACTORY**

Outer Sheathing	.0265 flexible galvanized spiral
Inner Wire	.054 stainless steel with tensile strength of 260,000 lbs
Standard Length	36" Custom lengths up to 15' available

QUANTITY	DIAMETER	NOTES

<b>PROJECT</b>	<b>LOCATION</b>
<b>CONTRACTOR</b>	<b>DESIGN SPECIFIER</b>