



Young Regulator Co.

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Submit 820AC – 1-10

Model 820AC

*Rectangular Opposed Blade Damper
Controlled from a Concealed Ceiling Regulator*

Application and Design

The Young Regular Model 820AC rectangular opposed blade damper is constructed of aluminum and stainless steel for long, corrosion-resistant operation. It is ideal for balancing dampers where opposed blade design is desired for better control, less noise and turbulence than single blade dampers. Individual synthetic blade bushings provide smooth, quiet operation for the life of the damper. This is a high free area damper for lower pressure drop across the damper.

The model 820AC is controlled from the bottom of the duct with a bearing/coupling and is frequently used with the Young Regulator model 301 or 315 Concealed Ceiling Regulator.

A 3/8" square steel shaft (available separately) runs between the bearing/coupling on the bottom of the 820AC into the 301 or 315 that is embedded in the sheetrock ceiling. A cover plate is removed to access the regulator to operate the damper.



STANDARD CONSTRUCTION	
Frame	.050 Aluminum Extrusion with Reinforcing Channels
Blade	.050 Aluminum Extrusion with Reinforcing Channels
Slide	Stainless Steel
Blade Bushing	Individual Synthetic
Low Leak Seals	Not Available

SIZE INFORMATION	
Damper 3/16" Undersized High & Wide	
Frame Width	2 1/8" Wide
Blade Width	1.438" - Contained Within Frame
Max Size	36" x 24"
Min Size	3" x 3"
OPTIONS	
Cable Controlled Dampers (830ACC)	Dampers with Locking Quadrants (820AL)
Face operated Damper (821A)	

QUANTITY	WIDE	HIGH	NOTES - OPERATOR ON THE WIDE SIDE

PROJECT	LOCATION
CONTRACTOR	DESIGN SPECIFIER