



Application and Design

The Young Regulator Model 820 Series rectangular opposed blade dampers are 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 Teflon 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. A commercial quality locking quadrant to operate and lock the blades in place is included.

Ratings

Pressure: 1" W.C.

Velocity: 1000 CFM

Temperature: 320 Degrees F

Standard Construction

Frame: #6063 .050 Aluminum Extrusions With Stiffening Channels - 2 1/2" wide

Blade: #6063 .050 Aluminum Extrusions w/ Stiffening Beads

Operator: Steel locking quad for 3/8" square shaft with indicator

Slide Mechanism: Stainless Steel

Axles: Teflon Blade Bushings

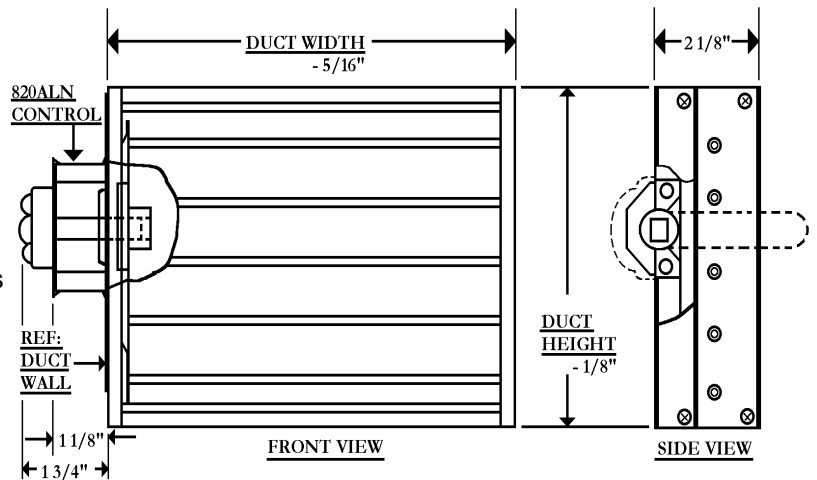
Installation: slip in installation
2 1/2" slot cut in side of duct

Size Limitations:

Minimum Size: 4" x 3"

Maximum Size: 24" x 14" Side Mount
36" x 24" Bottom Mount

Damper constructed undersized approx. 1/8"



Options (at additional costs)

- 1" standoff for insulated duct (820A-LN shown above) or 2" standoff for insulated duct (820A-LN2)
- Remote operators (flexible wire or 3/8" rod)
- Face operated with Phillips screw head.

Quantity	Size		
	W	H	
Project		Location	
Contractor		Design Specifier	