



820ACC
Rectangular Opposed Blade Damper
Controlled With Bowden Series

Application and Design

The Young Regulator model 820ACC is a rectangular opposed blade slip-in damper that is shaft driven and controlled using any of the Young Regulator Bowden Cable Controllers. The opposed blade design is preferred to a single blade damper because it distributes the air evenly over the face of the damper, resulting in less noise and turbulence.

Although the 820ACC is not a low leak balancing damper, other dampers are available that are. Contact the factory for options.



| STANDARD CONSTRUCTION | |
|-----------------------|---|
| Frame | .050 Aluminum Extrusion with Reinforcing Channels |
| Blade | .050 Aluminum Extrusion with Reinforcing Channels |
| Mounting Plate | 18 ga. Stainless Steel |
| Shaft | 1/2" Plated Steel |
| Slide | 20 ga. Stainless Steel |
| Blade Bushing | Individual, UL 94V2 Nylon |

Tested up to 4" W.C.

| SIZE INFORMATION (DAMPER 3/16" UNDERSIZED HIGH & WIDE) | |
|--|-----------------------------------|
| Frame Width | 2-1/8"W |
| Mounting Plate | 5"W x H |
| Blade Width | 1.438" - Contained within Frame |
| Max Size | 24" x 24", 36" x 24" Bottom Mount |
| Min Size | 6" x 4" |

| Quantity | Option | Notes |
|-------------------|-------------------------|-------|
| | | |
| | | |
| | | |
| PROJECT | LOCATION | |
| CONTRACTOR | DESIGN SPECIFIER | |