



Young Regulator Co.

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Submit 3040 – 1-10

Model 3040 and 3040P

*Medium Pressure
Rectangular Control Damper*

Application and Design

The Young 3040 rectangular opposed blade damper provides efficient air flow control in conventional air handling systems where minimal air leakage past the closed damper is critical. It is designed for medium velocity and differential pressure applications up to 3" W.C. All roll-formed standardized parts conform to specifications for high quality, low leakage, maximum rigidity, and low operating torque. Note: All dampers less than 12" in height will be single rather than opposed blade construction.

The model 3040P has a 5" wide plate allowing for slip in installation in the side of the duct. It is also convenient for a field-installed actuator.



STANDARD CONSTRUCTION	
Frame	14 ga. Galvanized Steel
Blades	16 ga. Galvanized Steel
Shaft	1/2" Zinc Plated Steel
Blade Bushings	Oil Impregnated Bronze
SIZE INFORMATION	
Damper 1/4" undersized high & wide	
Frame Width	3 1/2" wide
Blade Width	6" - approx.
Max Size	48" x 48" in one section. Larger sizes available in multiple sections
Min Size	6" x 6"

OPTIONS	
Individual Closed Cell Neoprene Blade Seals	See our Model 3045
Stainless Side Seals	
CONTROL OPTIONS	
Motorized	See our Model 3045
Manual	404 Quadrant 404B Quadrant
Gears	927 Miter 1200 Worm

QUANTITY	WIDE	HIGH	NOTES

PROJECT	LOCATION
CONTRACTOR	DESIGN SPECIFIER