



Young Regulator Co.

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Submit 3085-NM – 1-10

Model 3085-NM

*Rectangular Opposed Blade Damper
 for Actuator and Controls by Other*

Application and Design

The Young Regulator 3085-NM is an opposed blade rectangular damper designed for low pressure, forced air, HVAC systems. A 5" wide plate with an extended shaft makes this an ideal solution for control contractors to install their own actuator and HVAC controls. 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 damper is only 2 1/8" wide with the blades contained within the frame, ideal where space limited. It is easily installed into the ductwork by cutting a 2 1/4" slot and slipping the damper inside. The damper is secured to the side of the duct with 4 screws.



STANDARD CONSTRUCTION	
TO 1" W.C.	
Frame	.050 Aluminum Extrusion with Reinforcing Channels
Blade	.050 Aluminum Extrusion with Reinforcing Channels
Shaft	1/2" Plated Steel, Extended 4"
Slide	Stainless Steel
Blade Bushing	Individual Synthetic
Mounting Plate	5" Wide x Damper Height, Extended Plate Available
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	24" x 24" Side Controlled 36" x 24" Bottom Controlled
Min Size	3" x 3"
OPTIONS	
Actuators	Hand Quadrants

QUANTITY	WIDE	HIGH	NOTES

PROJECT	LOCATION
CONTRACTOR	DESIGN SPECIFIER