



YOUNG REGULATOR

RECTANGULAR OPPOSED BLADE DAMPER DRIVE OPEN – DRIVE CLOSED

SUBMITTAL 3085 REV. B • 3/30

20910 Miles Parkway • Cleveland, OH 44128
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Model 3085

MODULATING PRESSURE DEPENDANT VAV

SUBMITTAL DATA

APPLICATION AND DESIGN

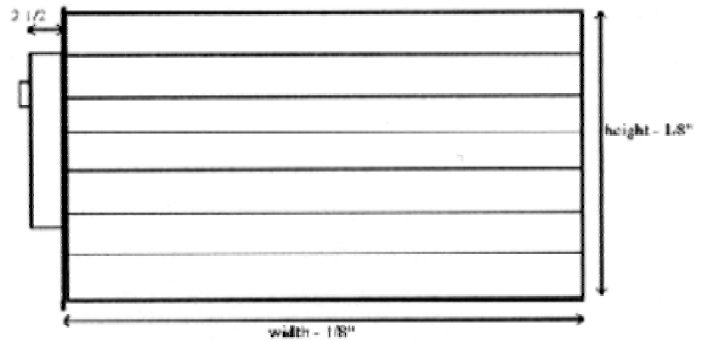
The Young Regulator Model 3085 is a high free area rectangular opposed blade damper constructed of aluminum, galvanized steel and stainless steel. 24V actuator will drive the motor open and drive the motor closed. It is generally used in air ducts to modulate airflow with a single pole double throw center off thermostat.

RATINGS

Pressure: 1.5" W.C.
Velocity: 1,500 CFM
Temperature: 20°F to 125° F

STANDARD CONSTRUCTION

Frame: .050 extruded aluminum channel with stiffening channel
Blade: .050 extruded aluminum channel with stiffening channel
Operator: motorized
Slide Mechanism: 304 stainless steel
Blade Bushings: Teflon
Mounting Plate: 18 gauge galvanized steel for slip-in installation

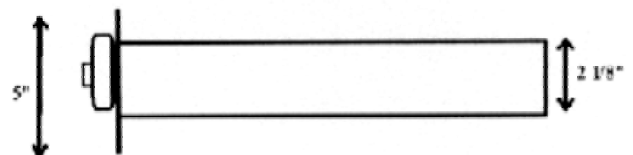


ACTUATOR

Honeywell ML6161 w/ 7 minute timing
24V, 35 in. lb. torque
direct coupled, UL & CSA listed
2.0 watt, .085 amperes, 2.04 VA
7 minute travel for floating modulation
low draw actuator permits the control of up to 6 dampers from a single thermostat

SIZE INFORMATION (w x h)

Minimum Size: 4" x 4"
Maximum Size: 24" x 24"
Bottom Mount to: 36" x 24"
Frame: 2 1/8" wide
Damper Undersized by 1/8"



OPTIONS

- SPDT Thermostats (T-312 & T-641)
- 90 second motor for P + I control (use T-422)
- DDC actuator
- Variety of manufactures motors

QUANTITY	SIZE		
	W	H	
PROJECT			LOCATION
CONTRACTOR			DESIGN SPECIFIER