



YOUNG REGULATOR

20910 Miles Parkway • Cleveland, OH 44128
 (216) 663-5646 • (216) 663-1830 fax

SUBMITTAL 3150 REV. b revised 3-03
RECTANGULAR DAMPER

SUBMITTAL DATA

Model 3150
MOTORIZED CONTROL – 2 POSITION
 Powered Open or Powered Closed – Spring Return

APPLICATION AND DESIGN

The Young Regulator Model 3150 is a high free area rectangular opposed blade damper constructed of aluminum, galvanized steel and stainless steel. 24V or 110V will engage the motor when powered, and will spring return when power is cut.

RATINGS

Pressure: .75" W.C.
 Velocity: 1,000 CFM
 Temperature: 20°F to 125° F

STANDARD CONSTRUCTION

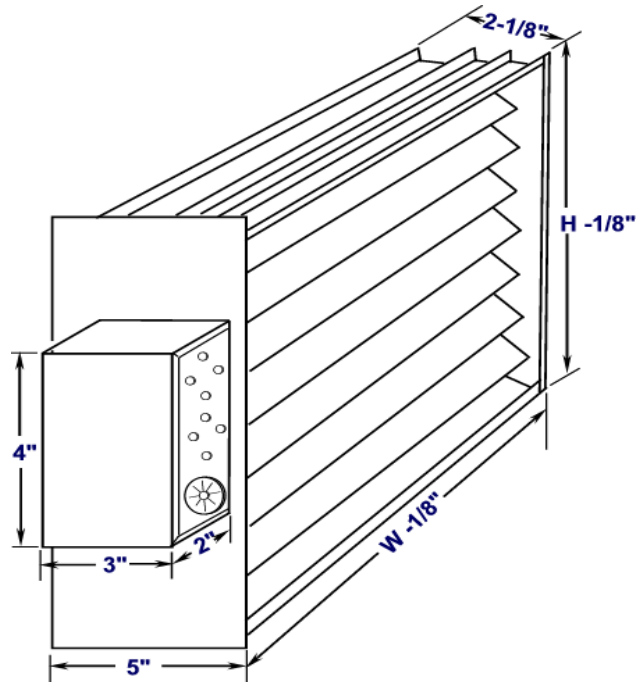
Frame: .050 extruded aluminum channel with stiffening channel
 Blade: .050 extruded aluminum channel with stiffening channel
 Operator: motorized
 Slide Mechanism: 304 stainless steel
 Blade Bushings: Teflon
 Mounting Plate: 18 gauge galvanized steel for slip-in installation

ACTUATOR

24V or 110V synchronous actuator
 10Va., 6 Watt, 35 in. oz. torque
 with special windings and heavy-duty gearing
 crosspin drive on the shaft provides direct drive
 in a vented aluminum enclosure w/ conduit knockout

SIZE INFORMATION (w x h)

Minimum Size: 4" x 4"
 Maximum Size: 24" x 14"
 Bottom Mount to: 30" x 10"
 Frame: 2 1/8" wide
 Damper Undersized by 1/8"



OPTIONS

- 110V actuators
- thermostats
- transformers
- specify normally closed or normally open

QUANTITY	SIZE		
	W	H	
PROJECT			LOCATION
CONTRACTOR			DESIGN SPECIFIER