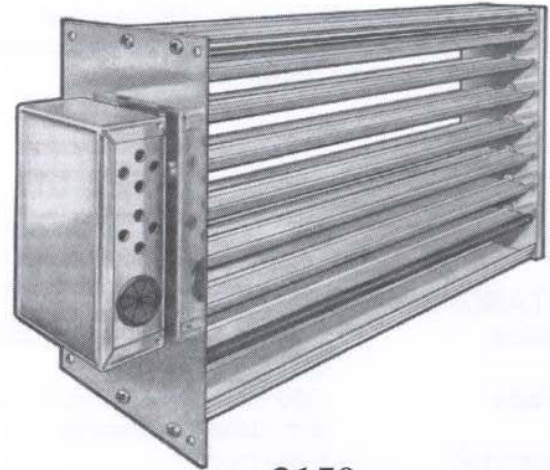


3150 Motorized Rectangular Dampers

Young 3150 Series motorized rectangular dampers are designed especially for use in zone control, air inlet, and exhaust air vents, although they may be used to control airflow in any system duct. Two versions are available, 3150-PO (power open/spring close) and 3150-PC (power close/spring open).

FEATURES

- Heavy-duty extruded aluminum and stainless steel construction for long, corrosion-resistant life.
- Dampers have been tested to 250,000 cycles.
- Opposed blade damper distributes air evenly over face of grille for better control and less noise and turbulence.
- Special windings and heavy-duty steel gearing on the factory-installed motor provide for long life and easy spring close or open operation. Cross pin drive on the motor shaft provides positive direct drive to damper without a coupling or setscrews, allowing for quick and easy motor change.
- Unique individual nylon blade bushings for smoother and quieter operation that will withstand temperatures of 432°F / 222°C.
- Mounting plate provided for slip-in installation in the side of the duct.
- Power open/spring close version (order 3150-PO)
- Power close/spring open version used in most zone control systems (order 3150-PC).



3150

OPERATION

The 3150-PO, designed to work with low pressure systems up to .75" WC, is driven by a 24 volt, 10 VA synchronous type motor, and damper operation is 2-position, 15 seconds open with power on, 5 seconds spring close with power off. The 3150-PC version is 2-position, 15 seconds close with power on, and 5 seconds spring open with power off. During normal operation, motor will stall and run warm to the touch.

AVAILABLE SIZES

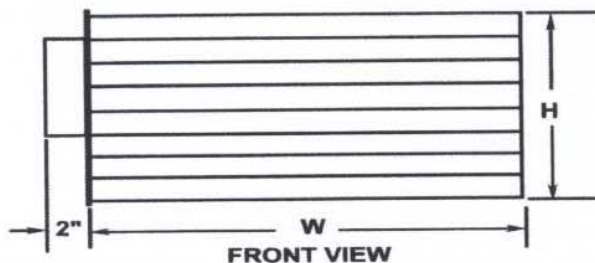
Standard sizes range from 6" x 6" through 24" x 14". Please call the factory for intermediate and larger sizes. The 3150 Series may be used with insulated duct, but this should be noted on the order and both dimensions specified 1/8" undersized.

OPTIONS

- 110 volt motor
- Bottom mounted motor

ALSO AVAILABLE

- Thermostats
- Auto-changeover models (Model 2150)
- Transformers



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