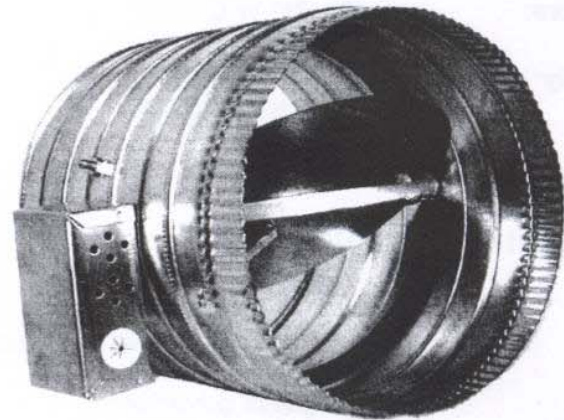


4010-HD Motorized Round Damper

The 4010 Series zone dampers are round, 2-position motorized dampers are ideal for zone control applications, make up air, air intake, exhaust air vents and solar applications. Two versions are available, 4010-HD-PO (power open / spring closed) and 4010-HD-PC (power closed / spring open).

FEATURES

- 90° butterfly design
- Heavy duty spiral shell with rolled-in stiffening beads for superior rigidity. Shell has one crimped and one straight end, with side mounted motor control box.
- New 20 ga. "V" style damper blade is secured with steel shafts and oil impregnated bronze bearings requiring no lubrication.
- Damper motors have been tested to 250,000 cycles.
- Motor drive end pivots are made of machined steel for maximum durability and long life.
- Special windings and heavy-duty steel gearing provide for long motor life and easy spring close operation. Crosspin drive on the motor shaft provides positive direct drive to damper blade without coupling or set screw, allowing for quick and easy motor change.
- Visual blade position indicator and adjustable minimum open stop are accessible on the outside of the damper.
- Power open / spring close version (order 4010-HD-PO).
- Power close / spring open version (order 4010-HD-PC).



OPERATION

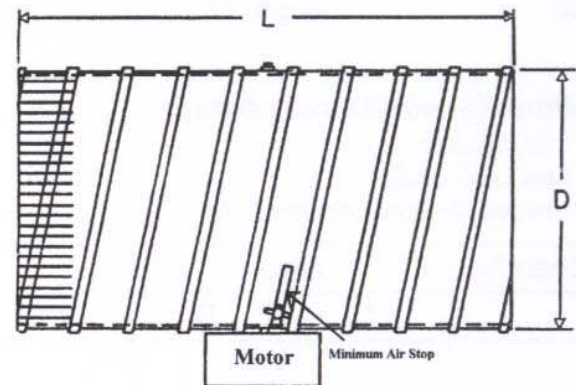
The 4010-HD-PO, designed to work with low pressure systems less than 1" , is driven by a synchronous type, 2-wire, 10VA., 24 volt motor. Damper operation is 2-position, power open / spring close. In the power-off condition, the damper is brought to the full closed position in 5 seconds by the spring. With power-on, the motor drives the blade open in 15 seconds. A blade stop at the open position stalls the motor. The 4010-HD-PC version is 2 position, 15 second close with power on, 5 seconds spring open with power off.

AVAILABLE SIZES

4", 5", 6", 7", 8", 10", 12", 14", 16"
Damper length is 12" for 4" - 10"
diameters. Length for 12" to 16"
equals diameter.

OPTIONS

- EPDM Low Leak Seals
- 110V Motor
- Zone One includes Auto Changeover
(See model 2010)



YOUNG REGULATOR COMPANY
20910 Miles Parkway • Cleveland, Ohio 44128
(216) 663-5646 • Fax (216) 663-1830