



Young Regulator Co.

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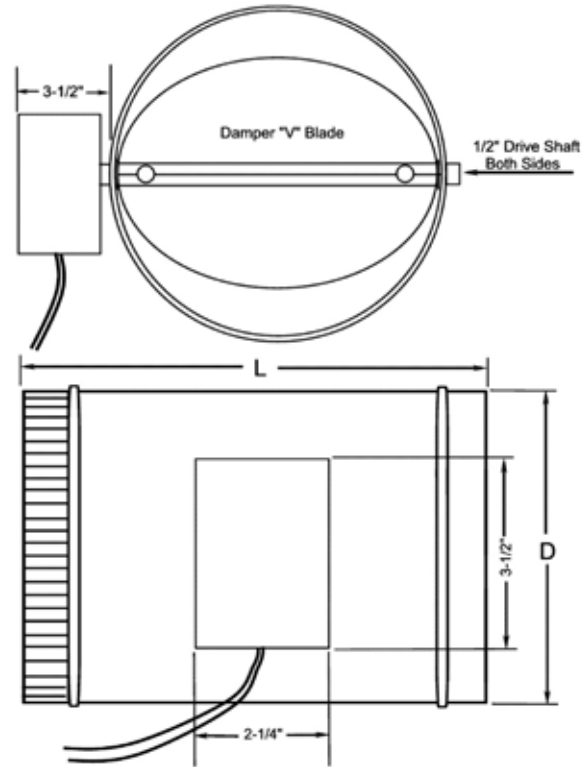
Submit 4011 – 1-10

Model 4011

*Motorized Damper - 24V
 Power Open or Power Close, Spring Return*

Application and Design

The Young Regulator 4011 round 2-position 24V motorized damper is ideal for zone control, outside air, air intake, and exhaust air vents. Several versions are available, the 4011-PO is powered open and springs closed, and the 4011-PC will power close and spring open with either 24V (standard) or 110V actuators (optional). A hysteresis synchronous motor has a "lost motion" drive to protect the gear train from closing shock.



STANDARD CONSTRUCTION

| | |
|---------|--|
| Shell | 4" - 9" 24 ga. Galvanized Steel 10" - 12" 20 ga. Galvanized Steel |
| Blade | 20 ga. Galvanized Steel |
| Shaft | 1/2" Plated Steel |
| Bushing | Oil Impregnated Bronze |

SIZE INFORMATION One end straight, one end crimped.

Rolled stiffening beads

| | |
|--------------|----------|
| Diameter | 4" - 12" |
| Shell Length | 8" |

ACTUATOR - 24V STANDARD

Special windings and heavy-duty steel gearing provide for long life and easy spring return operation. Direct drive, stall type actuator features a hysteresis synchronous motor designed for long life with a "lost motion" drive to protect the gear train from closing shock.

| | |
|--------|------------------------------|
| Volts | 24V |
| Watts | 6 |
| VA | 10 |
| Amp | .45 |
| Timing | 15 Sec Powered. 5 Sec Return |
| Torque | 35 in. oz. |

Built in motor stop for minimum air

OPTIONS

| | |
|----------------|-------------|
| Transformers | Thermostats |
| Low Leak Seals | PC / SO |
| 110V Optional | |

| QUANTITY | DIAMETER | NOTES |
|----------|----------|-------|
| | | |
| | | |
| | | |

| | |
|-------------------|-------------------------|
| PROJECT | LOCATION |
| CONTRACTOR | DESIGN SPECIFIER |