



YOUNG REGULATOR

ROUND TWO POSITION OUTSIDE AIR DAMPER

Model 4100

Power Open / Spring Closed 115 V Motorized Control

Application and Design

The Young Regulator 4100 round Outside Air Dampers operate in conjunction with the equipment by powering open when the unit is on, providing fresh outside air. The damper springs closed when the equipment is off.

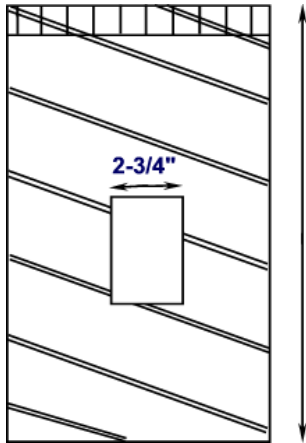
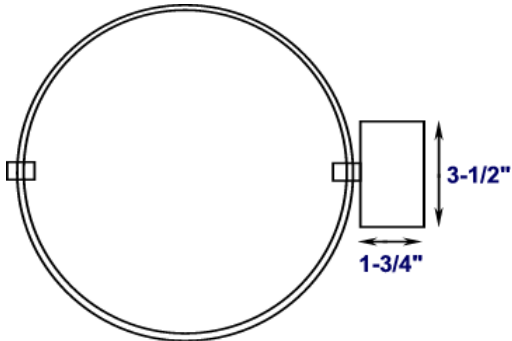
The Young Regulator 4010 round 2-position 115V motorized dampers are ideal for outside air, air intake, and exhaust air vents.

Ratings

- Pressure:** To .75" W.C.
- Velocity:** 6" – to 240CFM
14" – to 1500 CFM
- Temperature:** 130 degrees F

Standard Construction

- Shell:** 20 gauge galvanized spiral steel with stiffening beads one crimped, one straight end
- Blade:** 20 gauge galvanized steel "V" blade
- Operator:** 2 wire stall type synchronous UL / CSA listed AC motor
10Va., 6W, delivering 35 in. oz. torque.
15 second power open
5 second spring close
- Axles:** 1/2" steel
- Seals** EPDM seals for low leakage



SHELL LENGTH EQUALS 10" OR DUCT DIAMETER WHICHEVER IS GREATER

Size Information:

- Minimum Size: 4"
- Maximum Size: 14"
- Shell: length, 10" or diameter, whatever is greater

Options (at additional costs)

- 24V motor (to 14" only)
- Low Leak Seals

| Quantity | Size | | |
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| | | | |
| Project | | Location | |
| Contractor | | Design Specifier | |