

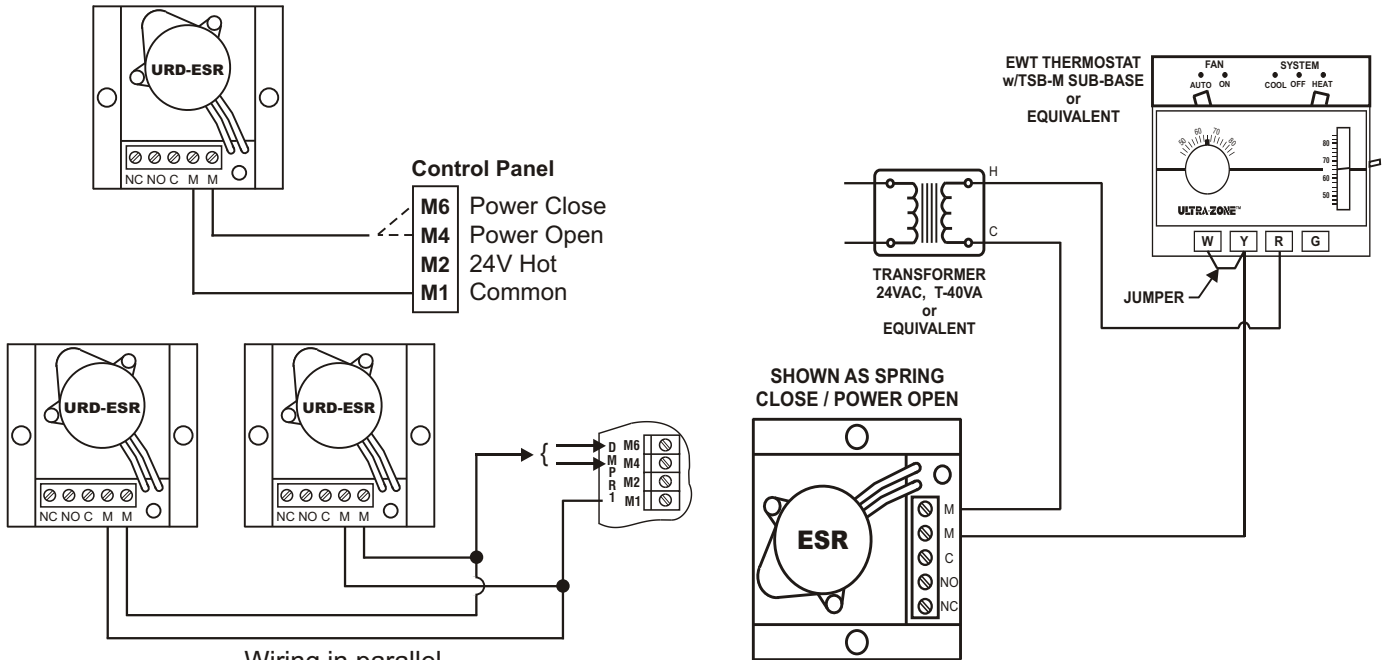
# ULTRA-ZONE™

## Forced Air Zone Controls

## DATA SHEET

Model URD-ESR

The URD-ESR is a two wire, round spring return damper. The damper is field reversible from power closed/spring open to power open/spring closed. This is done by moving the motor from one side of the damper over to the other. The motors can be wired in parallel off of (1) 40VA transformer. One 24V 40VA transformer can power up to (5) dampers.

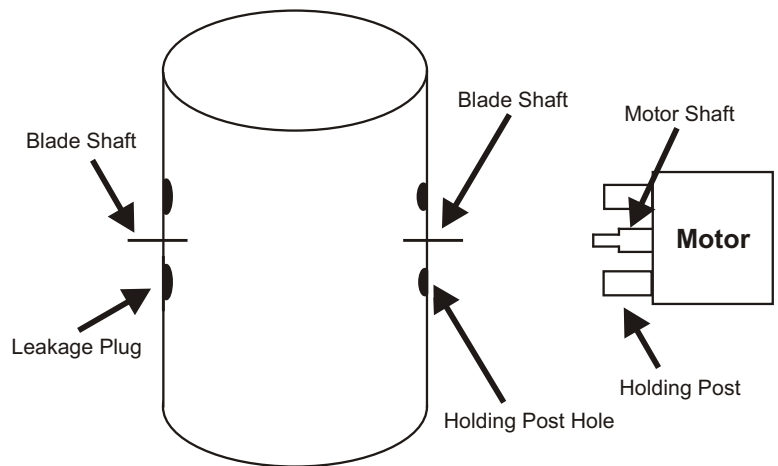
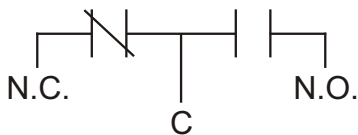


Wiring in parallel

### To Field Reverse Motor:

- 1) Loosen socket head cap screw on motor shaft and blade shaft.
- 2) Remove 2 leakage plugs from damper on opposite side of motor and insert into holding post holes where the motor was just removed.
- 3) Rotate damper blade to the non-powered position of choice.
- 4) Mount motor onto blade shaft, line up holding post into holes and re-insert socket head cap screw.
- 5) Power up motor to insure correct positioning of damper blade.

A built in auxillary switch can be used to interlock various field components. The switch is rated for 24VAC only.



Excellence Without Compromise  
**EVC**<sup>®</sup>  
 CONTROLS INC.

385 Hwy. 33 Englishtown, NJ 07726  
 Ph: 800-446-3110 - Fx: 732-446-5362

P/N 090377A0054 REV C