ESP Zone Valve™ Wiring Diagrams
2-Way, 3-Way, Normally Open, Normally Closed

Simplified Internal Schematic:

Typical ESP Zone Valve Wiring:

3-Way Installation:

Wiring a Taco ESP Zone Valve to Replace a Honeywell, Erie or Sparco Valve:

Honeywell, Erie and Sparco Wire Leads

Honeywell and Erie Terminal Block

Taco ESP Valve

L1 (Hot)
L2
Thermostat
End Switch

Motor Wire Color
Honeywell = Yellow
Erie = Black
Sparco = Orange/Yellow

To “T” Terminals on Boiler Control Transformer Relay

Wiring a Taco ESP Zone Valve to Replace a Flair or Taco 3-Wire Valve:

Flair

Taco ESP Valve

Taco 570 Series

Wiring a Taco ESP Zone Valve to Replace a White Rodgers Valve:

White-Rodgers (1311 or 1321)

Taco ESP Valve

Thermostat
Motor
End Switch

To “T” Terminals on Boiler Control Transformer Relay

Actuator’s power connections must be over the supply port to ensure proper flow direction.

EFFECTIVE: August 1, 2003
SUPERSEDES: 102-111, dated July 1, 2002

Copyright 2003
TACO, Inc.

Printed in USA
Visit our web site at: http://www.taco-hvac.com