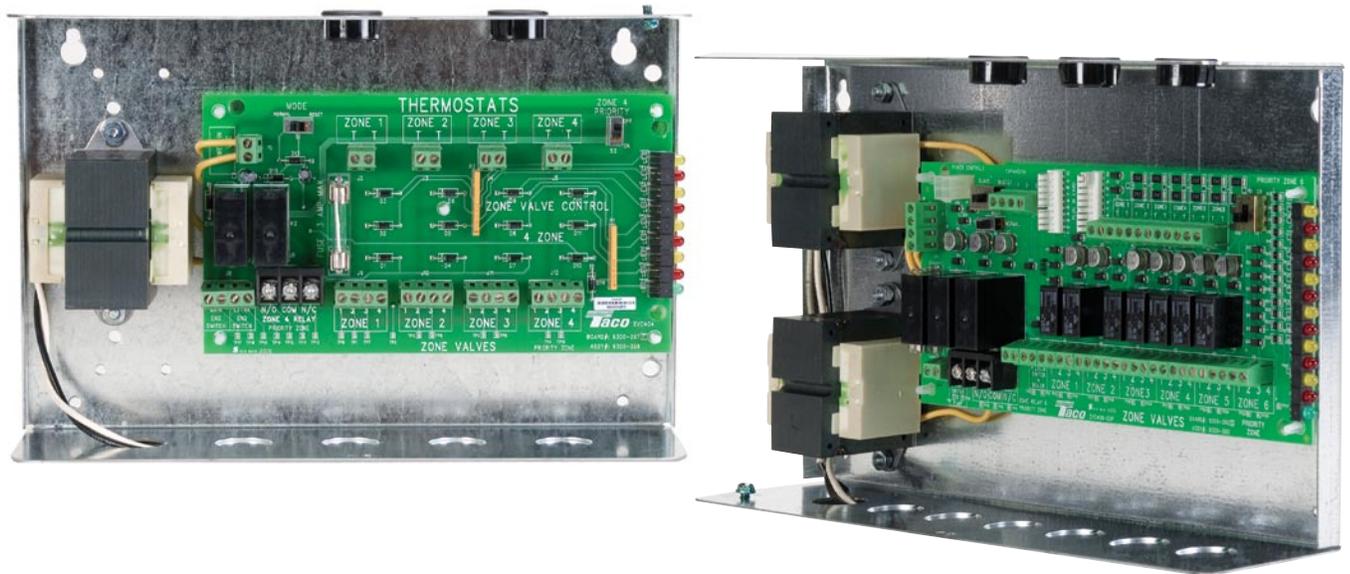


Zone Valve Control

Simplify the wiring nightmare! Taco Zone Valve Controls easy-to-follow PC board layout eliminates the problems caused by incorrect wiring, while the external indicator lights provide instant diagnostic feedback. Combined with Taco Zone Valves and Thermostats, the system's performance and dependability is maximized.



Submission Data Information Zone Valve Control

Features

- External Indicator Lights
- Switchable Priority
- Simplified Wiring
- Works with 2, 3, or 4-Wire Zone Valves
- Compact Design
- Fuse Protected
- 100% Factory Tested
- Two Isolated End Switches
- Extra Set of Dry Contacts
- Contractor Friendly PC Board Layout
- Universal Thermostat Compatibility
- UL and CSA Approved
- Sturdy Screw Connections
- Extended 3 Year Warranty
- Made in the USA

Additional -EXP Features

- Two Plug-In PowerPort Card Slots
- One Add-On Power Control Plug
- Expandable to 20 Zones
- Interface with -EXP Switching Relays

The Taco Connection

Combine the reliability of the Taco Zone Valves, Priority Zoning Circulators, Thermostats, and the 00® family of circulators with the advanced features of the Taco Zone Controls to achieve total system integration. No matter the application, Taco now provides the products to maximize system performance while simplifying both installation and service.

External Diagnostics

It's no longer necessary to remove the box cover to troubleshoot the system. External visible indicator lights show full functionality of all products wired to the zone valve controls. When the thermostat calls for heat, both the appropriate zone valve and yellow indicator lights are energized. When the zone valve is fully opened, the end switch relay and red indicator light is then energized.

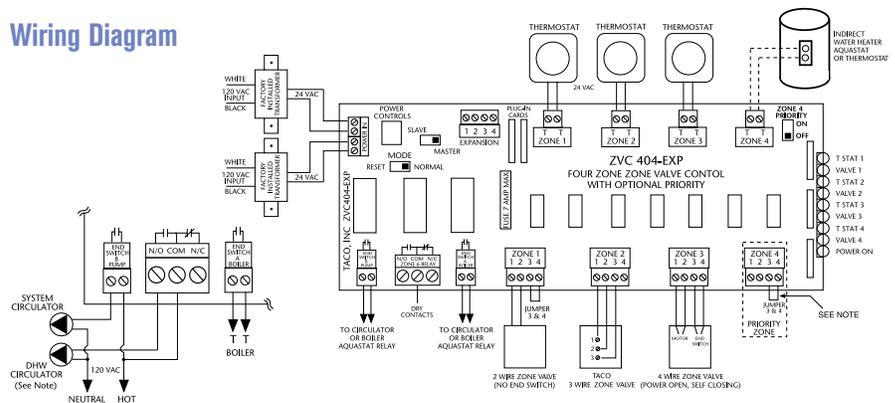
Zone Valve Controls

Taco Zone Valve Controls work with two-, three-, or four-wire zone valves. Fully fuse protected, they also include two isolated end switches and a built-in priority switch. The contractor friendly PC board layout eliminates the problems caused by incorrect wiring and the “unfinished” look of conventional zone valve installations. The sturdy screw connections add additional reliability, while the external indicator lights provide instant diagnostic feedback, reducing installation time. All Taco Zone Valve Controls are UL and CSA listed and carry an extended 3 year warranty.

Taco Expandable Zone Valve Controls

Whether you want to expand up to 20 zones or utilize the advanced features of the PowerPort Cards and Add-on Power Controls, Taco -EXP controls allow for simple integration of advanced features. Plug-in any combination of cards and controls to optimize the operation of any system.

Wiring Diagram



Zone Valve Controls

| Product Number | Number of Zones | Transformer Rating | Transformer Voltage | Dimensions of Enclosure |
|----------------|-----------------|--------------------|---------------------|-------------------------|
| | | | | Width Height Depth |
| ZVC403 | 3 Zone | 40 VA | 120 VAC Input | 10 1/4" 6 3/4" 2 3/4" |
| ZVC404 | 4 with Priority | 40 VA | 120 VAC Input | 10 1/4" 6 3/4" 2 3/4" |
| ZVC405 | 5 Zone | 80 VA | 120 VAC Input | 11 3/4" 7 1/2" 3" |
| ZVC406 | 6 with Priority | 80 VA | 120 VAC Input | 11 3/4" 7 1/2" 3" |

Zone Valve Controls with PowerPort Option

| Product Number | Number of Zones | PowerPort Slots | Power Control Plugs | Transformer Rating | Transformer Voltage | Dimensions of Enclosure |
|----------------|-----------------|-----------------|---------------------|--------------------|---------------------|-------------------------|
| | | | | | | Width Height Depth |
| ZVC404-EXP | 4 with Priority | 2 | 1 | 80 VA | 120 VAC Input | 11 3/4" 7 1/2" 3" |
| ZVC406-EXP | 6 with Priority | 2 | 1 | 80 VA | 120 VAC Input | 11 3/4" 7 1/2" 3" |

All Zone Valve Controls are relay type DPDT and have single phase motor rating per zone of 1/6 hp (5A) @ 120 VAC.

Plug-In PowerPort Cards*

| | |
|-------|----------------------------------------------|
| PC600 | Post Purge Timer Plug-In Card |
| PC605 | Priority Protection Plug-In Card |
| PC610 | Universal Timer / Pump Exercise Plug-In Card |

Add-On Power Controls*

| | |
|-------|----------------------------------------------|
| PC700 | Boiler Reset Control |
| PC702 | 2-Stage Boiler Reset Control |
| PC705 | Variable Speed Pump Injection Mixing Control |

* For use with -EXP controls

