

### Next Generation Zone Valve Control

The Taco® Zone Valve Controls have been designed to provide more flexibility and convenience during installations with the latest generation of controls. Easily connect thermostats, zone valves, and circulators to the wire terminals, while the additional indicator lights offer better diagnostic capability. By using the Bluetooth® Taco Control mobile app, you can customize the controller to meet your specific installation requirements and maximize comfort and energy efficiency.



# Submittal Data Information

## Next Generation Zone Valve Control

### Features

- Front Diagnostic Lights
- Switchable Priority
- Built-in Priority Protection
- Simplified Wiring
- Works with 2, 3, or 4-Wire Zone Valves
- Compact Design
- Fuse Protected
- 100% Factory Tested
- Built-in; Post Purge and Pump Exercise Functions
- Two boiler contacts, utilizes full functionality of Mod-Con boilers
- Expandable to 20 Zoning Panels (120 zones if all are 6 zone panels)
- Interface with -EXP Switching Relays
- Contractor Friendly PC Board Layout
- Universal Thermostat Compatibility
- 24 Volt Power Output for Hard Wired Thermostats
- Field Replaceable Transformer
- UL Listed
- Extended 3 Year Warranty

### Next Generation New Features

- Three Pump End Switches can control up to 3 individual pumps
- Taco Control mobile app (not required for all functions)
- Wireless Update Capabilities
- 4 Programmable Outputs
- DHW Recirculation SmartPlus® Logic
- Diagnostic Lights for all Outputs
- Additional Space for Wiring
- Easy to Remove Hinged Cover
- Rear Knockouts
- Standard Control Upgradeable to Reset Model
- Modbus Communication

### Additional Reset Model Features

- Indoor Reset Control (Load Reset)
- Outdoor Reset Control (Weather Compensation)

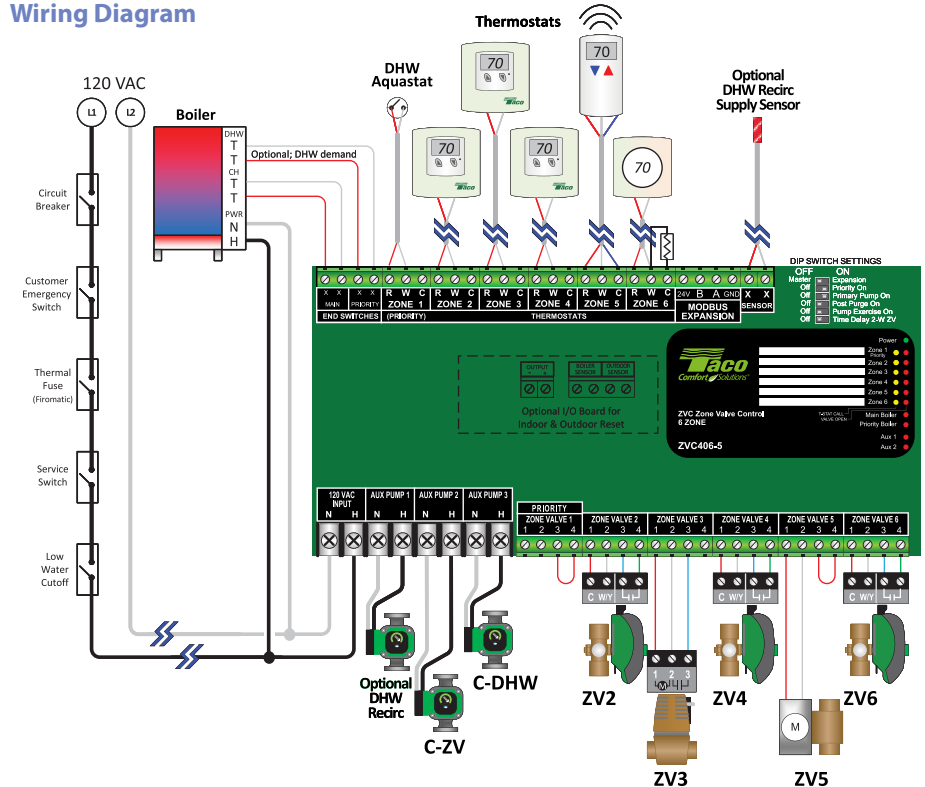
### Taco Control Mobile App

Whether you want to maximize the capabilities of the controller or use it as you always have, the Bluetooth® Taco Control mobile app allows customization, comfort and efficiency to any system.

### Next Generation 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 built-in priority protection. 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 Next Generation Zone Valve Controls are UL listed and carry an extended 3 year warranty.

### Wiring Diagram



### Next Generation Zone Valve Controls

Product Number	Number of Zones	Transformer Rating	Transformer Voltage	Dimensions of Enclosure		
				Width	Height	Depth
ZVC403-5	3 Zone with Priority	40 VA	120 VAC Input	12-1/2"	8-1/2"	2-5/8"
ZVC404-5	4 Zone with Priority	40 VA	120 VAC Input	12-1/2"	8-1/2"	2-5/8"
ZVC405-5	5 Zone with Priority	80 VA	120 VAC Input	12-1/2"	8-1/2"	2-5/8"
ZVC406-5	6 Zone with Priority	80 VA	120 VAC Input	12-1/2"	8-1/2"	2-5/8"

### Next Generation Reset Model Zone Valve Controls

Product Number	Number of Zones	Transformer Rating	Transformer Voltage	Dimensions of Enclosure		
				Width	Height	Depth
ZVC404-R-5	4 Zone with Priority	80 VA	120 VAC Input	12-1/2"	8-1/2"	2-5/8"
ZVC406-R-5	6 Zone with Priority	80VA	120 VAC Input	12-1/2"	8-1/2"	2-5/8"

The aux pump outputs are rated 1/6 HP at 120 VAC. The main and priority end switch connections are rated 24 VAC, 1AMP. All thermostat and zone valve connections supply a 24 VAC class 2 output.



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