

Single and multiple-zone controls  
for zone pumps and zone valves

## GRUNDFOS UPZC

The UPZC series of zone controls is the ideal choice for single and multiple zone hydronic heating systems whether you are using zone pumps or low voltage, zone valves.

All multiple zone controls are expandable to handle any size of job. Boiler pumps, domestic hot water pumps and system pump, as well as assigning priority can be controlled from the UPZC control.

The side-mounted terminals provide easy access and ease in wiring and the front-facing, easy to read LED indicators on the front panel provide essential operation status.

### Key Features and Benefits

- Easy to install
- Simple operation
- Versatile and Expandable
- Front facing LED indicator lights on cover
- Side-mounted terminal connections
- Replaceable 40 VA snap-in transformers on valve models
- Multi-zone units expandable to unlimited number of zones
- Compatible with 2-, 3-, and 4-wire low voltage controllers / thermostats
- Zone Priority time-out feature
- Pump Exercise feature, selectable 72-hours / 14-days
- Post Purge feature for pump controllers
- Boiler demand terminals
- DHW terminal



Zone control display as seen above.

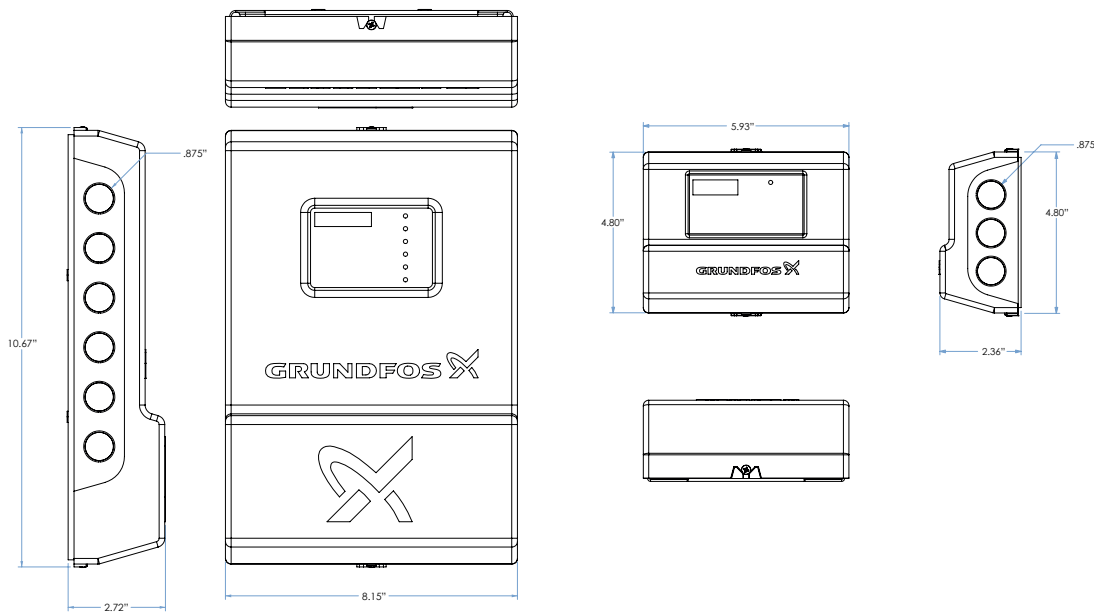
**GRUNDFOS** 

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|----------|---|
| ZONE 1 ● | <b>UPZCV-6 6 Valve Zone Relay</b><br>Part Number: 98996439<br>Input: 120VAC 50/60Hz 20A MAX   |
| ZONE 2 ● |   |
| ZONE 3 ● | <br>Listed<br>Certified to CSA C22.2 No 24<br>Conforms to UL Standard 873                                  |
| ZONE 4 ● |   |
| ZONE 5 ● | <b>CAUTION, RISK OF ELECTRICAL SHOCK -</b><br><b>DISCONNECT POWER PRIOR TO SERVICING</b><br><b>ATTENTION, RISQUE DE CHOC ÉLECTRIQUE -</b><br><b>DÉCONNECTEZ LA PUISSANCE AVANT D'ENTREtenir</b> |
| ZONE 6 ● |   |

# Technical Data

UPZCP Multi-zone Pump Controls		
UPZCP-1	98996400	Single Zone Pump Control
UPZCP-3	98996441	Three Zone Pump Control
UPZCP-4	98996433	Four Zone Pump Control
UPZCP-6	98996435	Six Zone Pump Control

UPZCV Multi-zone Valve Controls		
UPZCV-3	98996436	Three Zone Valve Control
UPZCV-4	98996438	Four Zone Valve Control
UPZCV-6	98996439	Six Zone Valve Control



Input power 60 Hz	120 VAC
Transformer voltage	24 VAC, 40 VA, Class 2
Thermostat output [A]	0.375      0.5      0.75
Maximum single phase motor rating. Per zone [A]	5
Maximum combined load rating: output @ 120 VAC [A]	20
Temperature range (storage) [°F (°C)]	50-100 (10-38)
Temperature range (maximum operation) [°F (°C)]	0-100 (-18-38)
Maximum operating humidity range % RH	90%
Number of knockouts	12 (6)
Size of knockouts [in. (mm)]	0.0875 (22)
Approvals	CSA 22.2 No. 24 / UL Standard 873
Relay type	Sealed
Cover panel	ABS-Fire rated
Base material	Galvanized steel
Terminal block (side mounted)	PA66
Front display lights	LED