

For Residential and Light Commercial Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

HydroNex® Zone Panel

Sizes: 1" Main Piping; 1" Stainless Steel Manifold

Zone panels are zone specific distribution panels.

These panels include stainless steel manifolds to distribute water to radiant circuits, baseboard or other single temperature hydronic equipment. Zone panels are supplied with or without zone pumps, water temperature mixing, and zone actuators. All Zone panels come pre-installed in a wall enclosure with lockable (screwdriver slot) access cover. Zone panels are available in various circuit configurations, see Product Options chart.

Installation Parameters

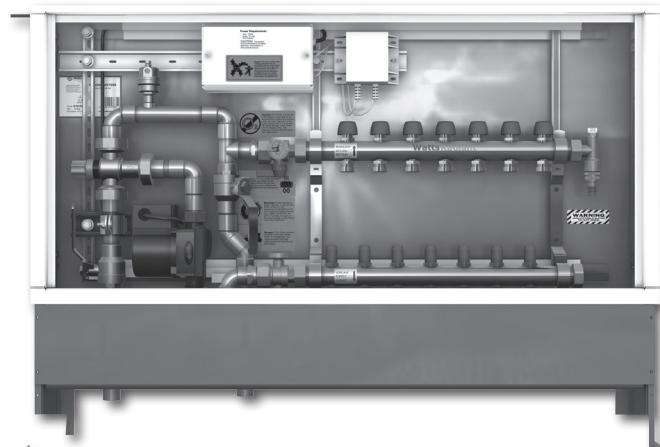
Make sure an electrical outlet is within 3 feet of where the Zone panel will mount. If there are no outlets, one will need to be added.

Install enclosure in 4-1/2" deep wall (minimum).

Zone panels are available with or without the zone circulator. Non-pump Zone panels are designed to be used with Primary and Distribution HydroNex panels. Zone panels with pumps are designed on the assumption the main mechanical room piping will be field constructed.

1. Remove and set aside the door.
2. Adjust box height.
3. Adjust frame depth to wall requirements.
4. Secure the Main Box in the frame wall.
5. Secure the manifold brackets to the Manifold Support Bracket using the Locking Rail Nut and Hex Head Bolt.
6. Knock out the supply /return knock-outs on either side, as needed.
7. Install the door frame by resting it on the lower rail of the frame and lift. Secure door via the lock.

In order to avoid property damage, injury, and/or death, please refer to the complete installation manual and warnings provided with the product.



Features

- Flush mounted galvanized enclosure with white powder coated enclosure with locking (screwdriver slot) access cover
- Pre-wired actuators (specific models only)
- Fully enclosed circulator and/or mixing valve (specific models only)
- Stainless Steel manifolds

Specifications

Supply Voltage	120 Volts
Circulator Type	Watts Radiant 15-58 (Approx. 10 gpm @ 10 ft. hd)
Electrical	Zone Valve Relay Box Transformer Isolation Relay
Temperature, Pressure Ratings	167°F @ 87 psi.

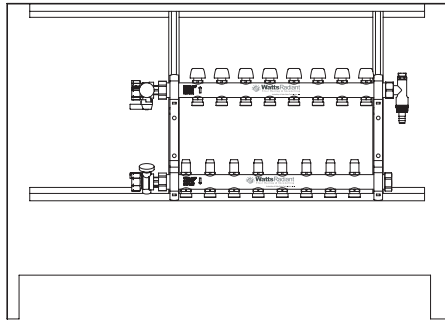
Maximum Flow Rates

Series	Flow Rate
ZB	12 gpm
ZC	8 gpm
ZM	4 gpm

Note: flow per radiant circuit of 2 gpm.

WattsRadiant™
Floor Heating & Snow Melting

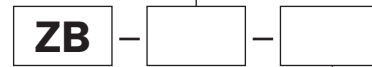
Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.



HydroNex Zone Basic.

M = 29.25" high x 25.5" wide x 4.5" deep
L = 29.25" high x 41.5" wide x 4.5" deep

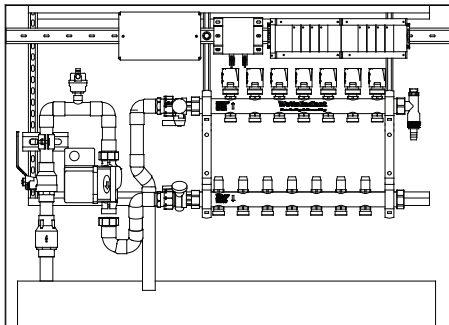
A: With Actuators
N: No Actuators



of Circuits:
options: 2-12

Zone Basic

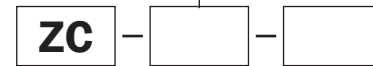
Description	Model #	Wt. (lbs)	Size
2 Circuit	ZB - ____ - ____	30-40	M
3 Circuit		30-40	
4 Circuit		30-40	
5 Circuit		50-65	
6 Circuit		50-65	L
7 Circuit		50-65	
8 Circuit		50-65	
9 Circuit		50-65	
10 Circuit		50-65	
11 Circuit		50-65	
12 Circuit		50-65	



HydroNex Zone Pump with actuators.

L = 29.25" high x 41.5" wide x 4.5" deep

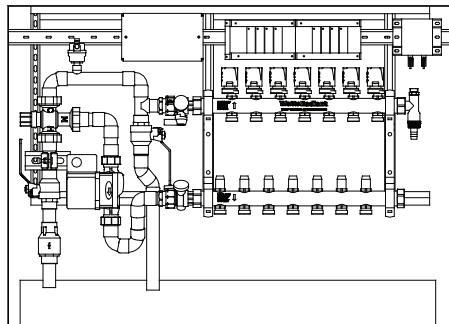
A: With Actuators
N: No Actuators



of Circuits:
options: 2-7

Zone Circulator

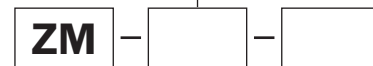
Description	Model #	Wt. (lbs)	Size
2 Circuit	ZC - ____ - ____	65-70	L
3 Circuit		65-70	
4 Circuit		65-70	
5 Circuit		70-75	
6 Circuit		70-75	
7 Circuit		70-75	



HydroNex Zone Pump Mix with actuators.

L = 29.25" high x 41.5" wide x 4.5" deep

A: With Actuators
N: No Actuators



of Circuits:
options: 2-7

Mix Valve & Zone Circulator

Description	Model #	Wt. (lbs)	Size
2 Circuit	ZM - ____ - ____	70-75	L
3 Circuit		70-75	
4 Circuit		70-75	
5 Circuit		75-80	
6 Circuit		75-80	
7 Circuit		75-80	

WattsRadiant[™]
Floor Heating & Snow Melting