

For Residential, Light Commercial, and Snowmelt Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

HydroNex D-Series DVIP Zone Valve Panel

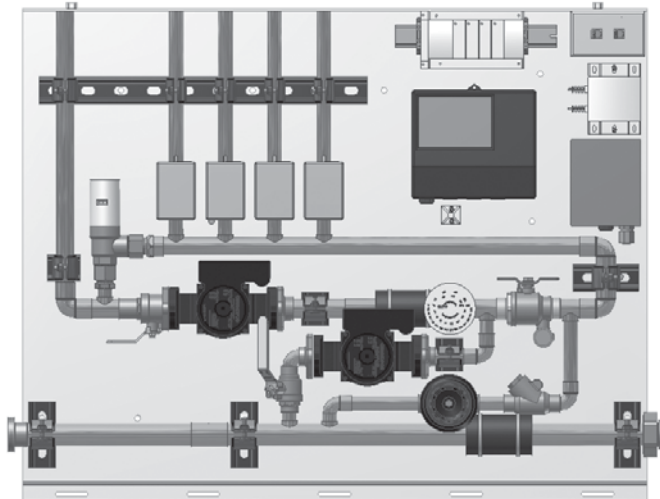
Sizes: 1-1/4" Trunk; 3/4" Zone

DVIP Zone Valve (ZV) panels use injection reset mixing to modulate the supply fluid temperature to the radiant zones. The injection bridge is 1/2" in size for all DVIP ZV panels. All zones are 3/4" with a common 1-1/4" supply.

A Tekmar 361 is provided to control the injection circulator.

When selecting a DVIP ZVpanel, the following guidelines should be followed:

- Make sure all zones fall within a 20 degree required temperature range. (i.e. 110, 114, 125 supply temperature requirements can be grouped from a single injection circulator).
- Make sure 25% of the combined flow rates of the selected zones do not exceed 5 gpm (or the combined zone gpm can not exceed 20 gpm). Higher flow rates may result in lower maximum supply fluid temperatures.



Installation

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

Install and level Z-Bracket with 1/4" x 2-1/2" lag screw to studs. Make sure the Z-Bracket is the correct size for the given D-Series panel. Incorrect Z-Brackets may interfere with cover placement.

Hang the D-Series panel on the Z-Bracket. Lag screws should be added to the bottom of the panel, further securing the panel to the wall. Hang cover from top down.

To purge a DVIP ZV panel make sure all necessary isolation valves are closed and all purge valves are open. Proceed until all zones are filled and purged. Open all purge ball valves and cap the drain. Make sure all isolation ball valves are open for normal operation.

Refer to the installation manual for further details.

Features

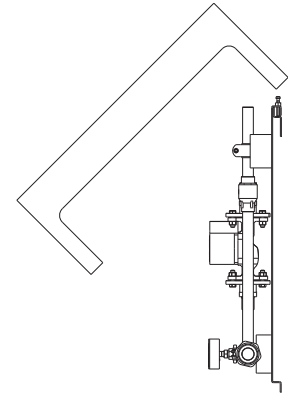
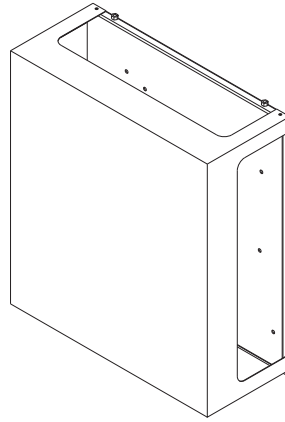
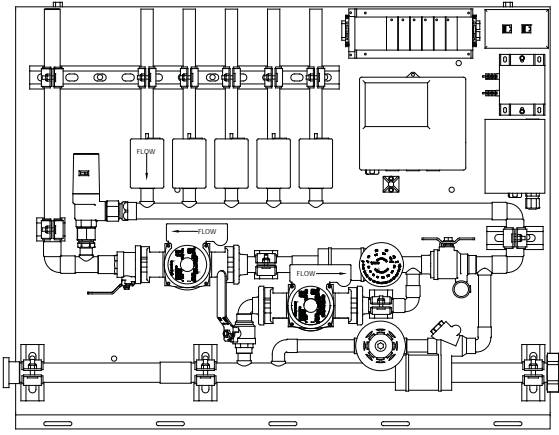
- Wall mounted white powder coated back panel and cover.
- Easy access to all components.
- Pre-wired circulators and controls.
- Choice of either thermal actuating or motorized zone valves.
- Differential pressure by-pass valve.
- Simple CAT 5 jump wiring to connect panels.
- Single union connection between panels.
- Integrated leveling system.
- Z-Bracket for simplified mounting.

Specifications

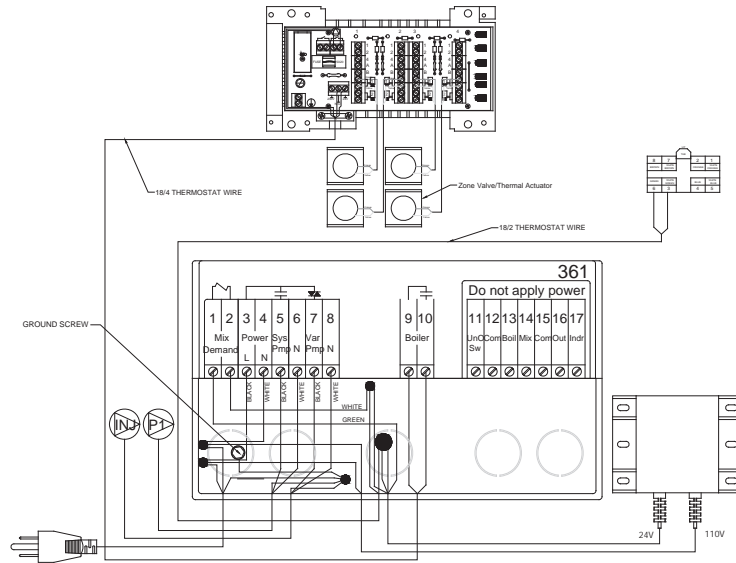
Supply Voltage	120 Volts
Circulator Type.	Watts Radiant 15-58
.	Taco 007
.	Bell and Gossett NRF-22
Electrical	Relay and CAT 5 Connection
Zone Valve.	Thermal Actuator
.	Motorized Actuator
Injection/Reset Control	Tekmar 361



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 D-Series DVIP Zone Valve panel. DVIP ZV series are available from 2 to 6 zones.



Product Options

Qty	Description	Model #	Order #	Panel Size
	DVIP ZV Panel, 2 Watts Radiant 15-58 Pump	DVIPZVA2WR1558	81010562	40"W x 31.5"H x 12"D
	DVIP ZV Panel, 3 Watts Radiant 15-58 Pump	DVIPZVA3WR1558	81010563	40"W x 31.5"H x 12"D
	DVIP ZV Panel, 4 Watts Radiant 15-58 Pump	DVIPZVA4WR1558	81010564	40"W x 31.5"H x 12"D
	DVIP ZV Panel, 5 Watts Radiant 15-58 Pump	DVIPZVA5WR1558	81010565	52"W x 31.5"H x 12"D
	DVIP ZV Panel, 6 Watts Radiant 15-58 Pump	DVIPZVA6WR1558	81010566	52"W x 31.5"H x 12"D
	DVIP ZV Panel, 2 Taco 007 Pump	DVIPZVA2TA007	81010567	40"W x 31.5"H x 12"D
	DVIP ZV Panel, 3 Taco 007 Pump	DVIPZVA3TA007	81010568	40"W x 31.5"H x 12"D
	DVIP ZV Panel, 4 Taco 007 Pump	DVIPZVA4TA007	81010569	40"W x 31.5"H x 12"D
	DVIP ZV Panel, 5 Taco 007 Pump	DVIPZVA5TA007	81010570	52"W x 31.5"H x 12"D
	DVIP ZV Panel, 6 Taco 007 Pump	DVIPZVA6TA007	81010571	52"W x 31.5"H x 12"D
	DVIP ZV Panel, 2 BGNRF22 Pump	DVIPZVA2BGNRF22	81010572	40"W x 31.5"H x 12"D
	DVIP ZV Panel, 3 BGNRF22 Pump	DVIPZVA3BGNRF22	81010573	40"W x 31.5"H x 12"D
	DVIP ZV Panel, 4 BGNRF22 Pump	DVIPZVA4BGNRF22	81010574	40"W x 31.5"H x 12"D
	DVIP ZV Panel, 5 BGNRF22 Pump	DVIPZVA5BGNRF22	81010575	52"W x 31.5"H x 12"D
	DVIP ZV Panel, 6 BGNRF22 Pump	DVIPZVA6BGNRF22	81010576	52"W x 31.5"H x 12"D