

For Residential, Light Commercial, and Snow Melt Applications

Job Name _____
 Job Location _____
 Engineer _____
 Approval _____

Contractor _____
 Approval _____
 Contractor's P.O. No. _____
 Representative _____

HydroNex® DVIP Panel

Sizes: 1-1/4" Trunk; 3/4" Zone Supply; 1" Common Return

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

A Tekmar 361 is provided to control the injection circulator.

When selecting a DVIP panel, 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).
- The combined zone gpm can not exceed 20 gpm.

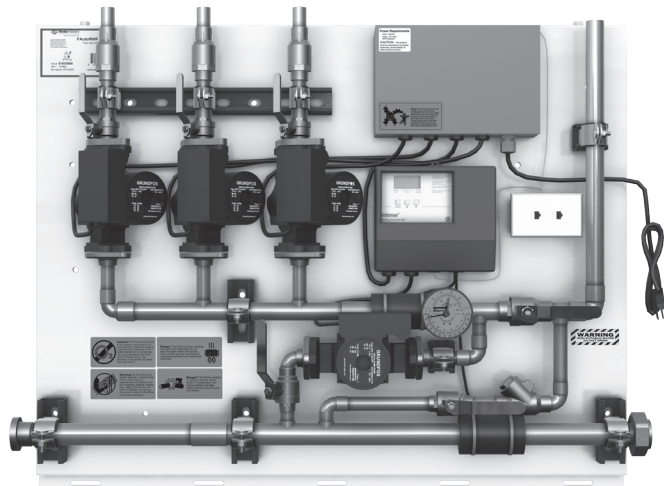
Installation Parameters

Make sure an electrical outlet is within 3 feet of where the DVIP 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 DVIP panel. Incorrect Z-Brackets may interfere with cover placement.

Hang the DVIP 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.

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

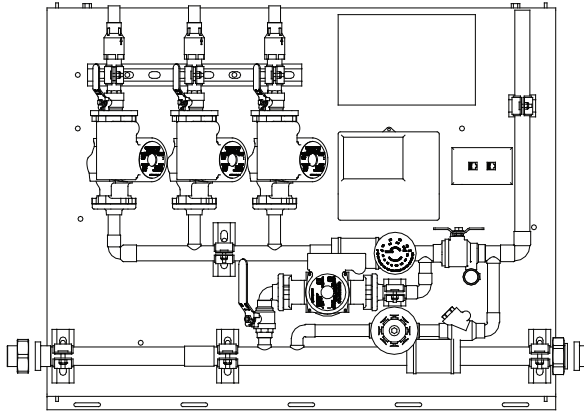


Features	
Wall mounted white powder coated back panel and cover	
Easy access to all components	
Pre-wired circulators and controls	
Simple CAT-5 jump wiring to connect panels	
O-Ring sealed, threaded union connection between panels	
Integrated leveling system	
Z-Bracket for simplified mounting	

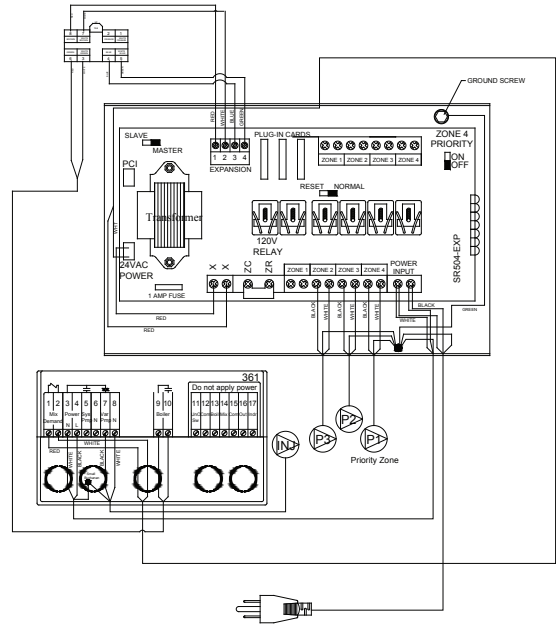
Specifications	
Supply Voltage	120 Volts
Circulator Type	Watts Radiant 15-58 Taco 007 Bell and Gossett NRF-22
Electrical	Relay and CAT-5 Connection
Injection/Reset Control	Tekmar 361
Temperature, Pressure Ratings	210°F @ 100 psi.



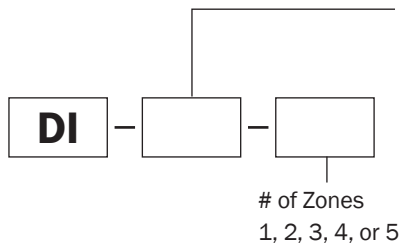
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HydroNex DVIP 3 zone panel. DVIP series are available from 1 to 5 zones.



HydroNex DVIP 3 zone panel Schematic



- Secondary and Injection Circulator Options
1. Watts Radiant 1558
 2. B&G NRF 22
 3. Taco 007

Description	Model #	Wt. (lbs)	Size
1 Zone DVIP	DI - ____ - 1	85-90	S
2 Zone DVIP	DI - ____ - 2	120-125	M
3 Zone DVIP	DI - ____ - 3	140-145	
4 Zone DVIP	DI - ____ - 4	170-175	L
5 Zone DVIP	DI - ____ - 5	200-205	

S = 28" wide x 31.5" tall x 12" deep
M = 40" wide x 31.5" tall x 12" deep
L = 52" wide x 31.5" tall x 12" deep