

For Residential, Light Commercial, and Snow Melt Applications

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

HydroNex® DHX Panel

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

DHX panels use injection mixing to modulate the supply fluid temperature to the radiant or snow melt zone. A heat exchanger is used to isolate system fluid from the zone fluid. Both the injection bridge and the zone supply piping is 1-1/4".

A Tekmar 361 can be selected for heating applications or a Tekmar 665 may be selected for snow melt applications. Both have the ability to operate with reset (injection) or set point temperature control.

Installation Parameters

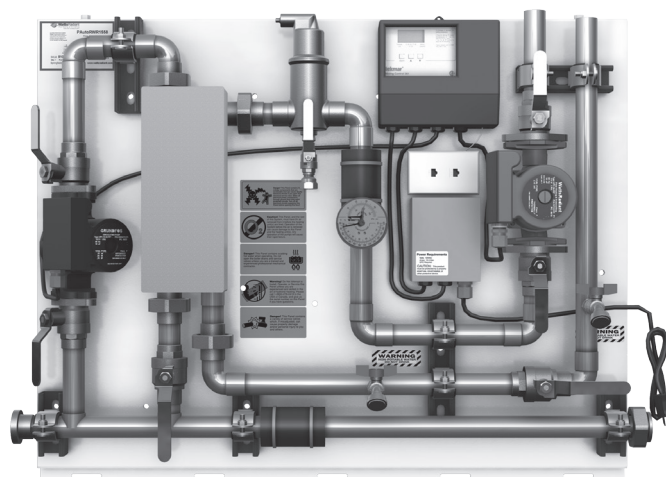
Make sure an electrical outlet is within 3 feet of where the DHX panel will mount. If there are no outlets, one will need to be added.

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 DHX panel. Incorrect Z-Brackets may interfere with cover placement.

Hang the DHX 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.

*Panels with Watts Radiant circulators are available in 150 MBH only.



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

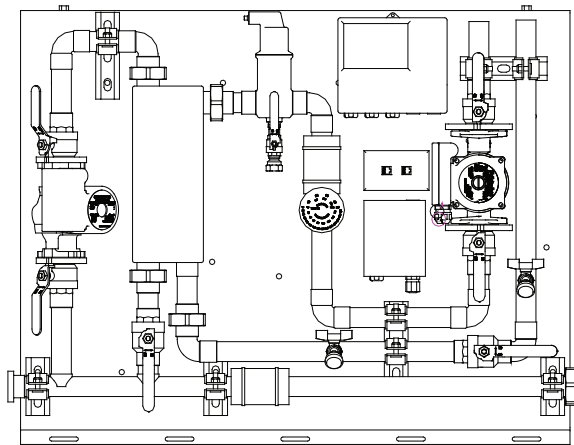
Specifications

Supply Voltage	120 Volts
Circulator Type	Watts Radiant* Taco Bell and Gossett
Heat Exchanger	150 MBH * 250 MBH *
Electrical	Relay and CAT-5 Connection
Injection/Reset Control	Tekmar 361 Tekmar 665 (Tekmar 090 not included)

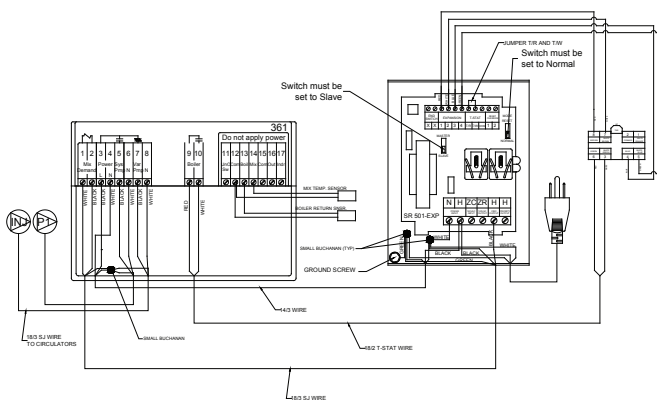
* Heat exchanger sizing based on 180 F boiler supply/130 F snow melt/radiant supply and 30 F Delta T.

WattsRadiant™
Floor Heating & Snow Melting

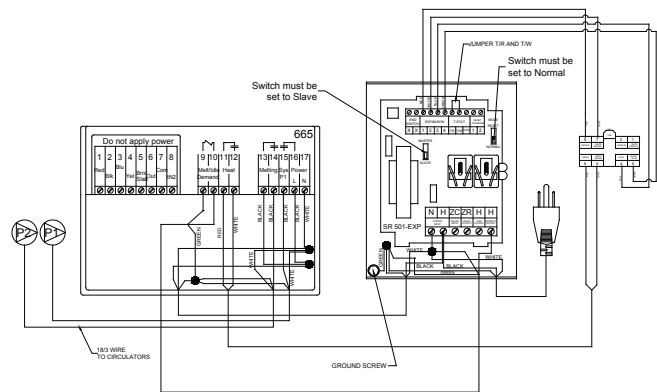
Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior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



HydroNex DHX panel.



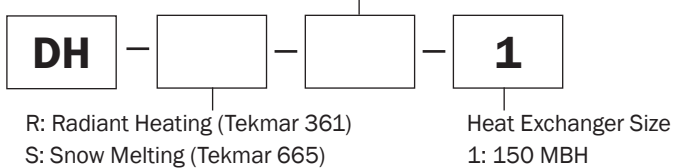
HydroNex DHX with a Tekmar 361 control.



HydroNex DHX with a Tekmar 665 control.

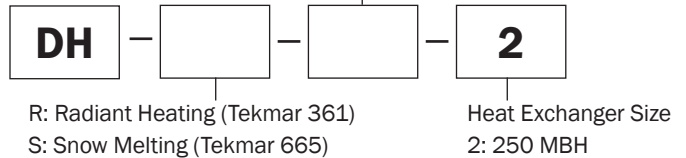
Circulator Options for 150 MBH panels

1. Watts Radiant 1558 w/ 2699 secondary
2. B&G NRF 22 w/ PL30 secondary
3. Taco 007 w/ 0014 secondary



Circulator Options for 250 MBH panels

1. B&G PL30 w/ PL36 secondary
2. Taco 0013 w/ 0014 secondary



DESCRIPTION	MODEL #	WT. (lbs)	SIZE
Radiant Heating (150 MBH)	DH-R-__-1	115-120	M
Snow Melting (150 MBH)	DH-S-__-1	115-120	

M = 40" wide x 31.5" high x 12" deep

DESCRIPTION	MODEL #	WT. (lbs)	SIZE
Radiant Heating (250 MBH)	DH-R-__-2	140-145	M
Snow Melting (250 MBH)	DH-S-__-2	140-145	

M = 40" wide x 31.5" high x 12" deep

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