

Job or Customer :	
Location :	
Engineer :	
<input type="checkbox"/> Complies with Spec <input type="checkbox"/> Alternate	Notes :
Contractor :	
HeatLink Rep :	
Submitted By :	Date :
Approved By :	Date :
P.O. Number :	Date :

Description

The TMP Multi Panels can be customized for a variety of applications with one possible DHW circuit for indirect fired hot water heater with priority; up to two hi temp circuits for fan coils or baseboards; and up to five low temp circuits (up to a combined total of five circuits) with large or small thermostatic mixing valves to service radiant heating systems. Wired or wireless controls available. Includes isolation valves.

See page two for configuration options and details.

Technical Data

Max Ambient Temperature:..... 120°F (49°C)
 Max Water Temperature:..... 200°F (93°C)
 Max Operating Pressure:..... 140psi
 Temperature Control Method:..... 3-way Thermostatic/Boiler
 Temperature Control Range for TMVs:..... 110-140 °F (43-60°C)
 Min Required Flow for Correct Temp Control:..... 1 US gpm
 Power Supply:
 Circulators..... 120Vac
 Control..... 120Vac
 Auxiliary Terminal:..... Yes
 Piping (Circuit Connections):..... ¾" 304SS Tubing
 Piping (Boiler Connections):..... 1" 304SS Tubing
 Material - Backplate:..... Galvanized Steel
 Material - PLC Cover..... Galvanized Steel

Standards / Listings

CAN/CSA-C22 No.14, UL508
 cETLus

Primary Pump	Max Output (ΔT = 40°F)	Flow	ΔP	Circuit	Pump	Mixing Valve	Max Output ΔT	Max Output BTU
UPS15-58 (Non-ferrous, Grundfos)	100,000BTU	5 US gpm	12ft.	DHW	15-58	N/A	40°F	100,000
26-99 (Ferrous, Grundfos)	300,000BTU	15 US gpm	12ft.	HiTemp (Max. 2)	15-58	N/A	30°F	100,000
26-150 (Ferrous, Grundfos)	300,000BTU	15 US gpm	29ft.	Low Temp	15-58	Large TMV	20°F	70,000
				Low Temp	15-58	Small TMV	20°F	40,000

Installation

Installation must follow all of HeatLink's instructions and guidelines.

Maintenance

Maintenance must follow all of HeatLink's instructions and guidelines.

Related Documents

- TMP Multi Installation, Operation, and Maintenance Manual Instructions (L6TMPMulti)
- HeatLink Limited Heating Warranty

Panel Configuration - Location:

Use the table below to select your panel configuration based on system requirements and technical data from page one. Copy this page as necessary for multiple configurations.

- Select a **Primary Pump** based on your system requirements
- The TMP Multi supports up to a maximum of 5 circuits in total, or a maximum of 100,000 to 300,000 BTUs total load depending on primary pump selection.
- If required, select a **DHW circuit**. This will provide domestic hot water priority to your system.
- Select up to two (2) **High Temp circuits**.
- Select up to a total of five (5) **Low Temp circuits**, depending on how many Hi Temp circuits were selected.
- The TMP Multi is configurable for left or right boiler feed connections. The panel comes with an accessory pack so the installer can choose which side to make the boiler connections. See diagram on next page for flow direction details.

Sku Part#	Descriptions	Circuit Configuration				
		5	4	3	2	1
n/a	None (select to remove circuits)					
D	DHW	Not Available for these circuits				
H	Hi Temp					
L	Low Temp (Lrg. TMV)					
S	Low Temp (Sm. TMV)					
P	Primary Pump	Select	Controls (select one)			Select
0	None		Wired pump control (W1)			
1	UPS15-58		Wireless pump control* (W2)			
2	UPS26-99		Not Available for these circuits			
3	UPS26-150					

*Wireless refers to the thermostat connections. It will still be hard-wired to the pumps.

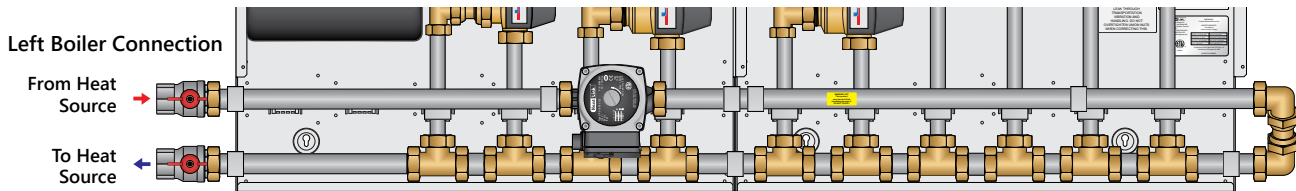
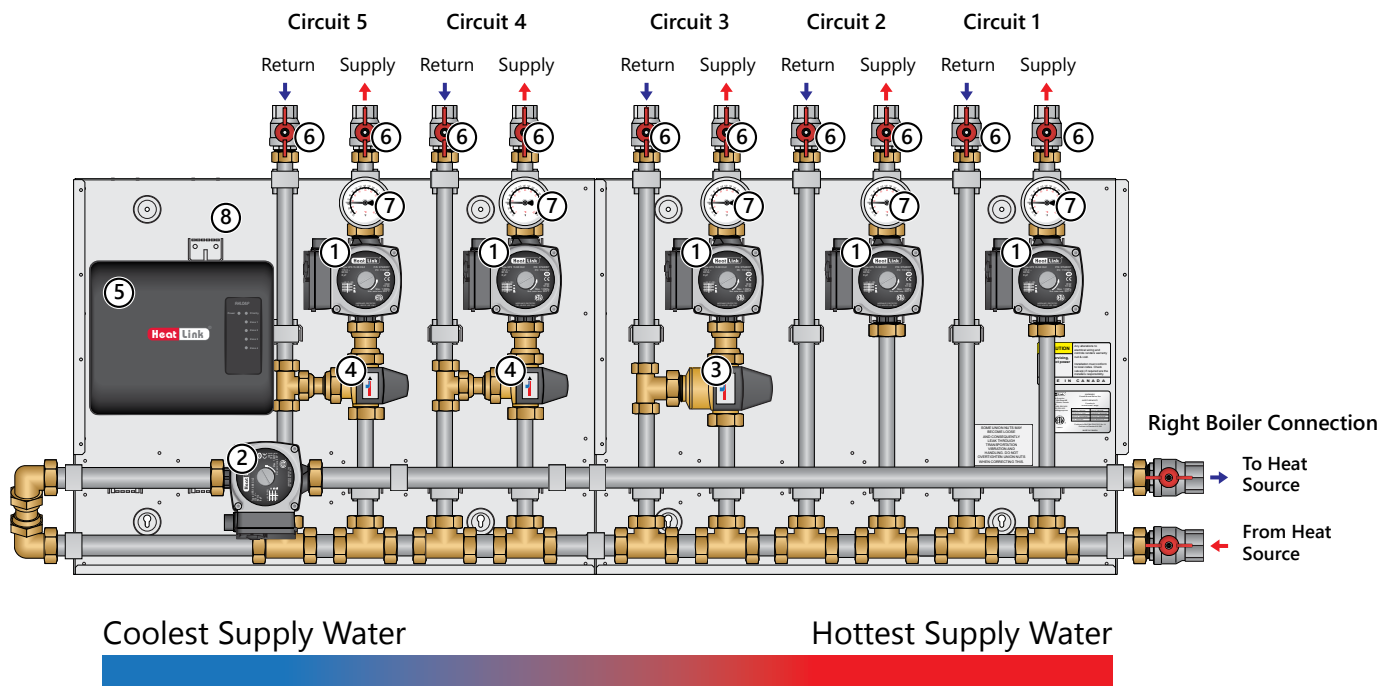
TMP-M | | P | | | | |

Panel Quantity (this configuration): _____

Circuit	Circuit Label/Manifold Location
1	
2	
3	
4	
5	

Panel Components

- ① Circuit pump - UPS 15-58 composite pump
- ② Primary pump - UPS 15-58 composite pump shown
- ③ Large 3-way thermostatic mixing valve (TMV)
- ④ Small 3-way thermostatic mixing valve (TMV)
- ⑤ Control Unit, with 6' 120Vac power cord
 - Priority Function
 - Exercise Function
 - Purge Function
 - Auxiliary Dry Contacts for Heat Source
- ⑥ Isolation Valve
- ⑦ Thermometer
- ⑧ Thermometer



Note: The left boiler configuration reverses the "To and From Heat Source" connections as per above diagrams, but does not affect the configuration of the circuits . See Operation, Installation, and Maintenance Manual for details.

Dimensions

# of Circuits	A	B	Pump Type	C
One	28.5"	19"	No Primary Pump	6¾"
Two	38.15"		UPS15-58	7⅞"
Three	49.5"		UPS26-99	8"
Four	59.15"		UPS26-150	9"
Five	68.8"			

