Job or Customer :	
Location :	
Engineer :	
☐ Complies with Spec ☐ 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

	Specifications
Max ambient temperature	120ºF (49ºC)
Max operating temperature	200ºF (93ºC)
Max operating pressure	140 psi (965 kPa)
Temperature control method	3-way thermostatic/boiler
Temperature control range for TMVs	110-140°F (43-60°C)
Power supply	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

Note: When ordering, please include a copy of the completed submittal.

Standards / Listings
CAN/CSA-C22 No.14, UL508
cETLus

Circuit	Pump	Mixing Valve	Max Output ΔT	Max Output BTU
DHW	UPS15-58CIL2 (Non-ferrous, Grundfos)	N/A	40°F	100,000
HiTemp (Max. 2)	UPS15-58CIL2 (Non-ferrous, Grundfos)	N/A	30°F	100,000
Low Temp	UPS15-58CIL2 (Non-ferrous, Grundfos)	Large TMV	20°F	70,000
Low Temp	UPS15-58CIL2 (Non-ferrous, Grundfos)	Small TMV	20°F	40,000

Primary Pump	Max Output (ΔT = 40°F)	Flow	ΔP
UPS15-58CIL2 (Non-ferrous, Grundfos)	100,000BTU	5 US gpm	12ft.
UPS26-99FC (Ferrous, Grundfos)	300,000BTU	15 US gpm	12ft.
UPS26-150FC (Ferrous, Grundfos)	300,000BTU	15 US gpm	29ft.

Installation

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

Maintenance

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

Related Documents

- Operation and Maintenance Manual (L6TMPMULTI)
- HeatLink Limited Heating Warranty

All information is subject to change without notice.
Please check our website to ensure you have the latest version of this document.

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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
0	None	☐
1	UPS15-58	☐
2	UPS26-99	☐
3	UPS26-150	☐

Controls (select one)	Select
Wired pump control (W1)	☐
Wireless pump control* (W2)	☐

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

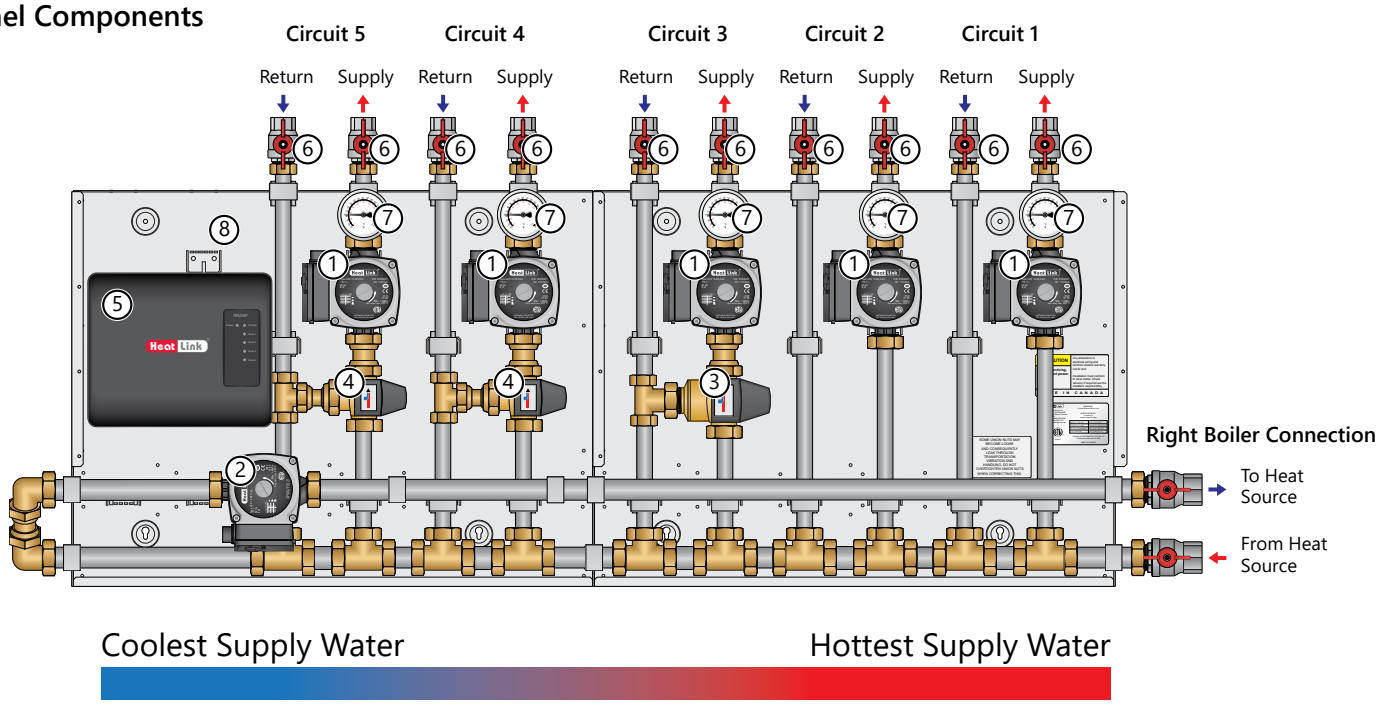
Panel Quantity (this configuration):_____

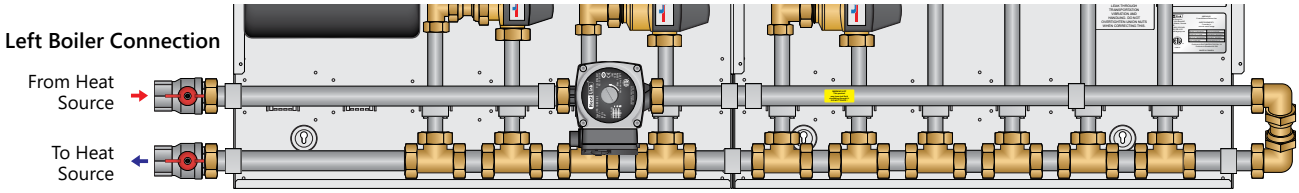
Circuit	Circuit Label/Manifold Location
1	
2	
3	
4	
5	

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Panel Components





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.

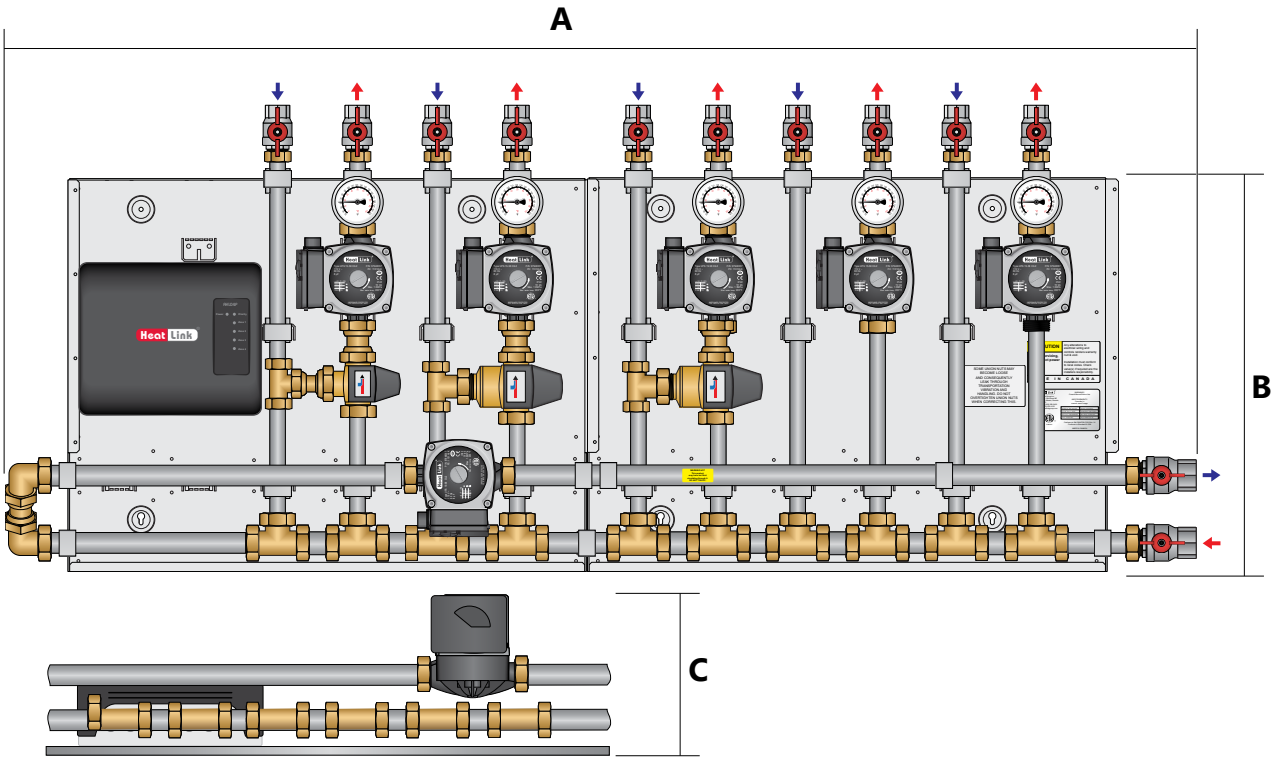
#	Components	Component Description
1	Circuit pump - UPS 15-58 composite pump	Circuit pump circulates fluid through the system
2	Primary pump - UPS 15-58 composite pump shown	Primary pump circulates fluid from the heat source to the circuits
3	Large 3-way thermostatic mixing valve (TMV)	
4	Small 3-way 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	

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Dimensions

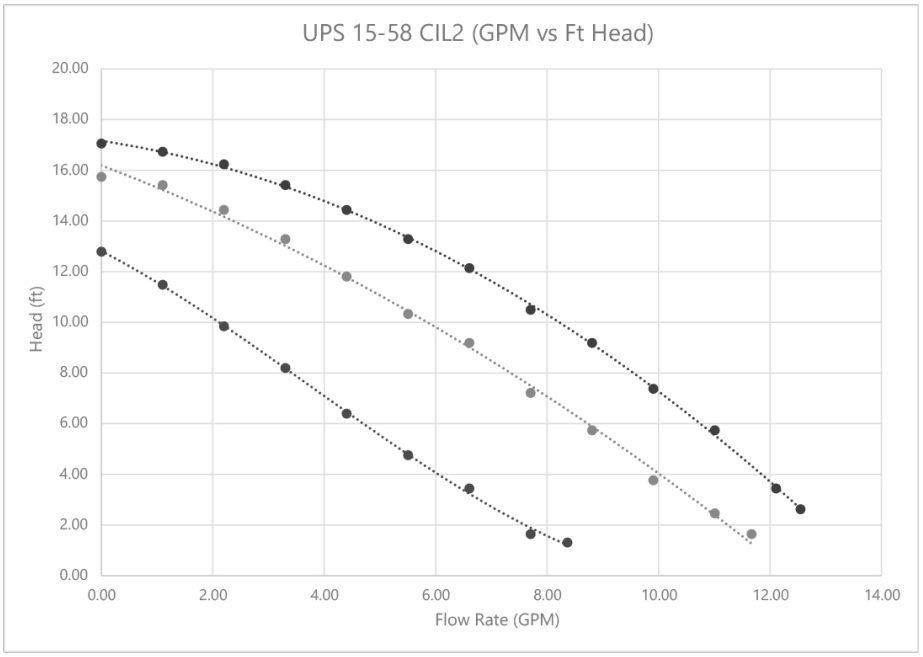
# of Circuits	A	B
One	28.5"	19"
Two	38.15"	
Three	49.5"	
Four	59.15"	
Five	68.8"	

Pump Type	C
No Primary Pump	6¾"
UPS15-58	7⅛"
UPS26-99	8"
UPS26-150	9"

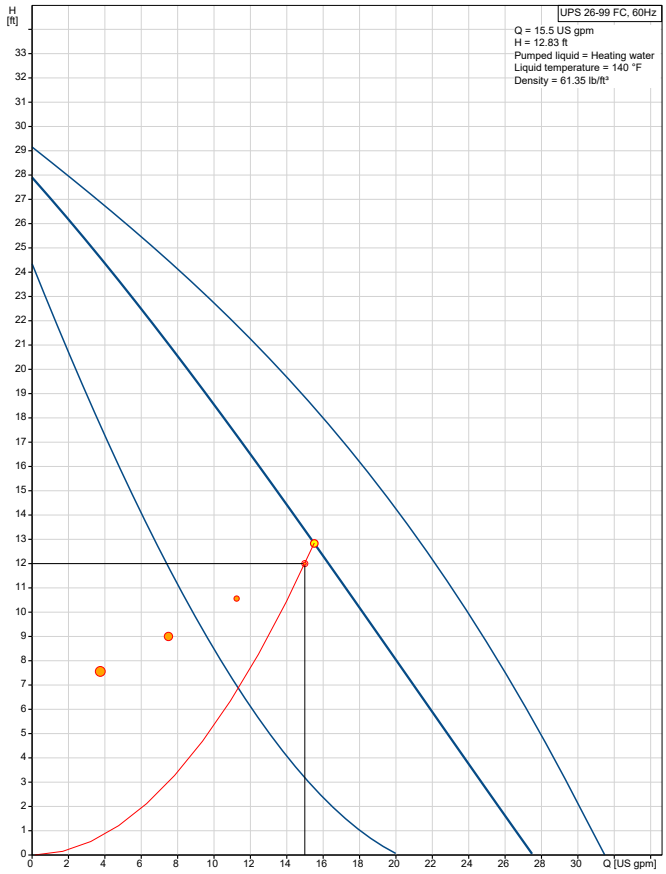


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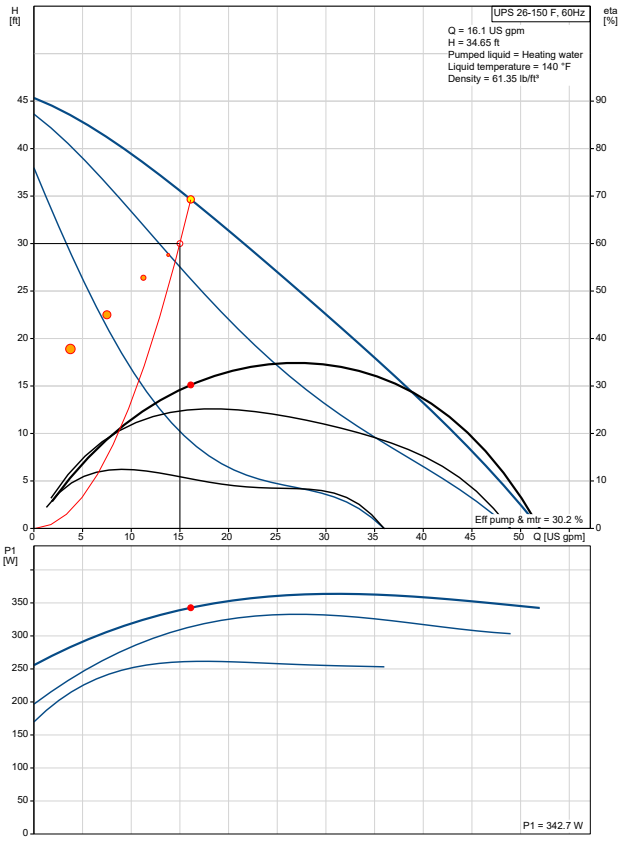
Pump Curves



UPS 26-99 FC Pump Curve



UPS 26-150 FC Pump Curve



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