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 3-Way Mixing Panel's primary application is as a single zone mixing device where there are no flow requirements in the primary loop. Intended to be used with DHW tanks as a heat source, the pump is activated once every 24 hours, for 15 minutes, to ensure that potable water in the piping is not stagnant. At this time, a DHW priority option for these panels is not available.

When the panel receives a call for heat, the pump is activated, and the thermostatic control head in the 3-way mixing valve will automatically regulate the water temperature in the secondary circuit. When not used with a DHW tank as a heat source, secondary zoning downstream of the panel is possible. The TMP085DP not only allows for higher output, but it is also a 2-zone panel. So even with a DHW heat source, you can now have two radiant floor zones.

Qty	Stk. #	Nominal Panel Output	Nominal Flow	Nominal Pressure Drop Outside of Panel	Valve Size	Valve Cv	Piping Connections	Weight
	TMP085DP	85,000 Btu/hr	2x 4.25 US gpm @ 20 °F ΔT	4 ft	1"	3.9	1" FIP primary 3/4" FIP secondary	26 lb (11.8 kg)

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

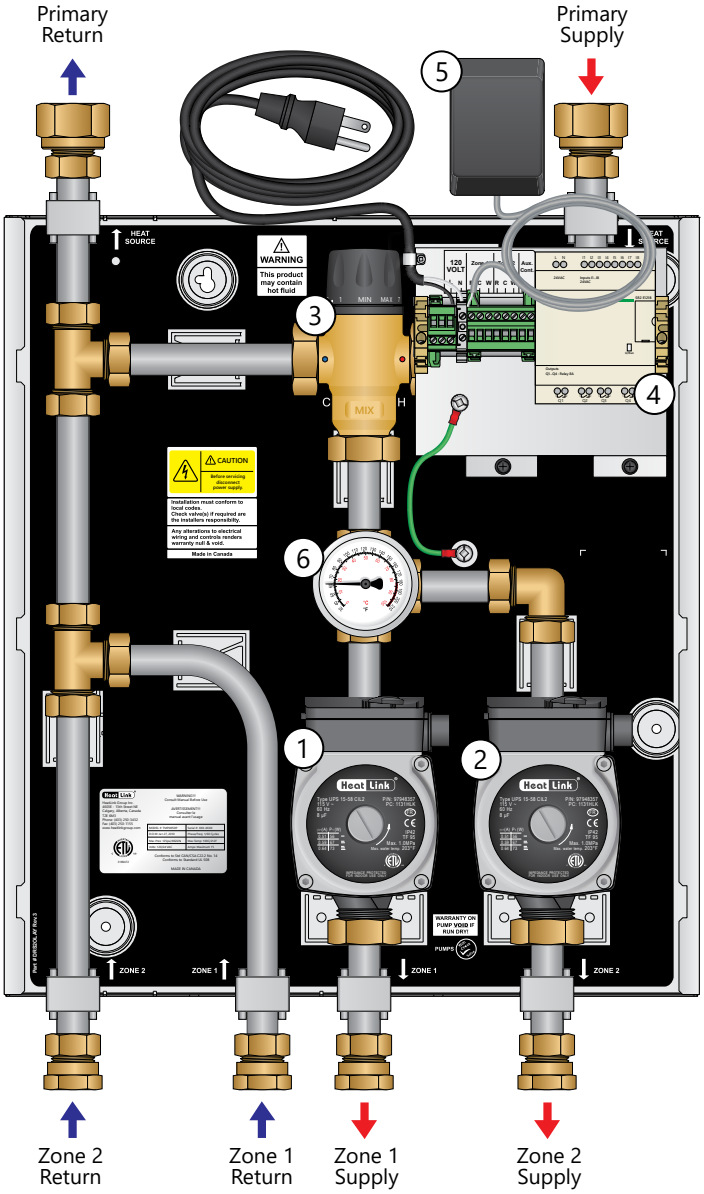
Technical Data

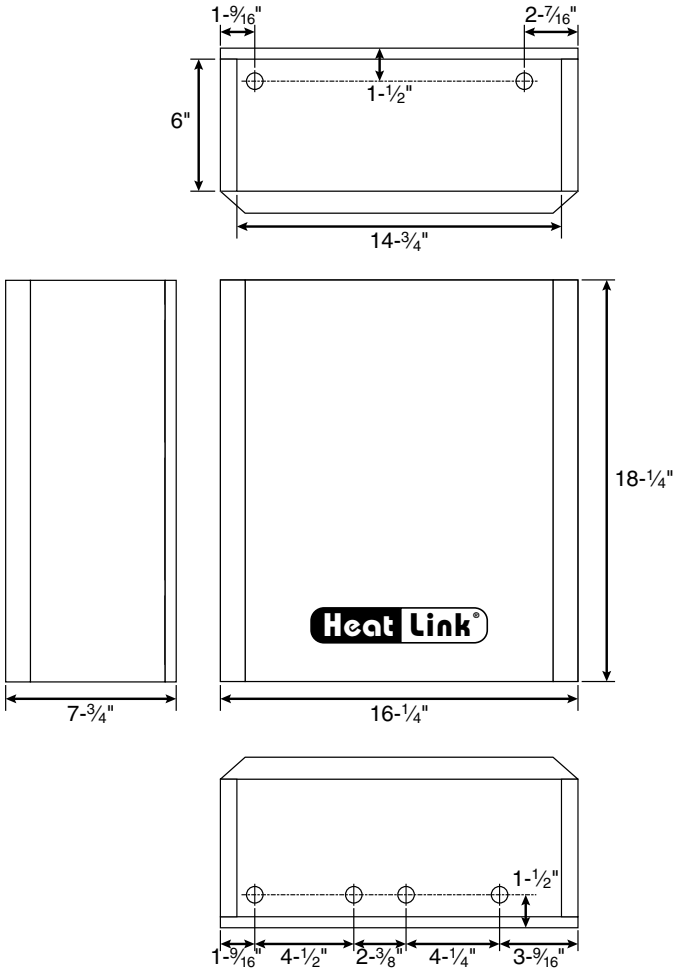
	Specifications
Max ambient temperature	120ºF (49ºC)
Max water temperature	200°F (93°C)
Temperature control method	3-way thermostatic
Temperature control range	110-140°F (43-60°C)
Min required flow for correct temp control	1 US gpm
Power supply	110 V(ac)
Primary Pump	Grundfos UPS15-58CIL2
Auxiliary terminal	Yes
Piping	¾" 304SS Tubing
Material - backplate	16 Gauge galvanized steel

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

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Panel Diagrams



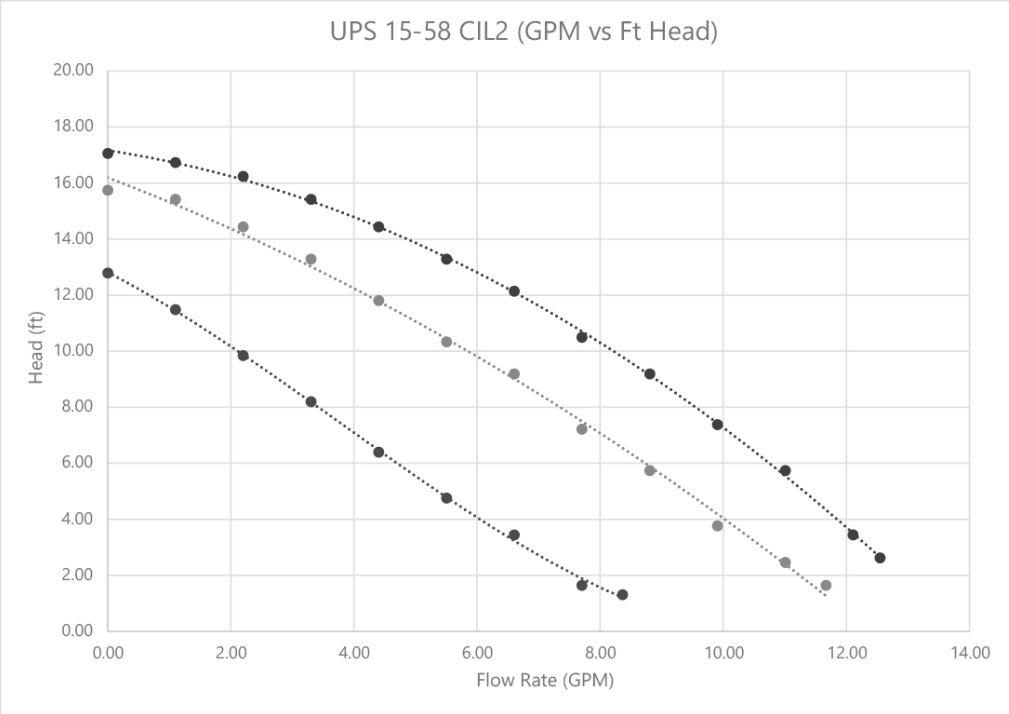


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Panel Components

#	Components		Component Description	Stock Number (Qty.) TMP085DP
1	Zone 1 pump		The primary pump moves the heated fluid from the heat source through the system when there is a call for heat from the thermostat. Factory set to 3rd speed.	UPS15-58CIL2
2	Zone 2 pump			UPS15-58CIL2
3	3-way thermostaic mixing valve			
4	PLC Control		Features a 24hr timer for potable applications	
5	24Vac 40VA Plug-in transformer		Provides power to the panel electronics	PLINTR40VA
6	Thermometer			
7	Accessory pack			
	i	Mounting screws		(x4)
	ii	1" Rubber washers		(x2)
	iii	3/4" Rubber washers		(x4)
	iv	Adapters	Adapters for piping hookup	(x6)

Pump Curve



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 (L6TMP085DP)
- 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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