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Job or Customer :	
Location :	
Engineer :	
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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 TMP200DT is a dual temperature panel. The low temperature output is the same as the TMP070, but it also has a high temperature pump, for secondary high temperature applications such as a fan coil or baseboard.

Technical Data

Max Ambient Temperature:..... 120°F (49°C)
 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 (Low Temp)
 Power Supply: 110 V(ac)
 Circulator: Non-ferrous, Grundfos UPS15-58RU
 Auxiliary Terminal: Yes
 Piping:..... 3/4" 304SS Tubing
 Material - Backplate:..... Galvanized Steel
 Material - Enclosure:..... Powder Coated Steel

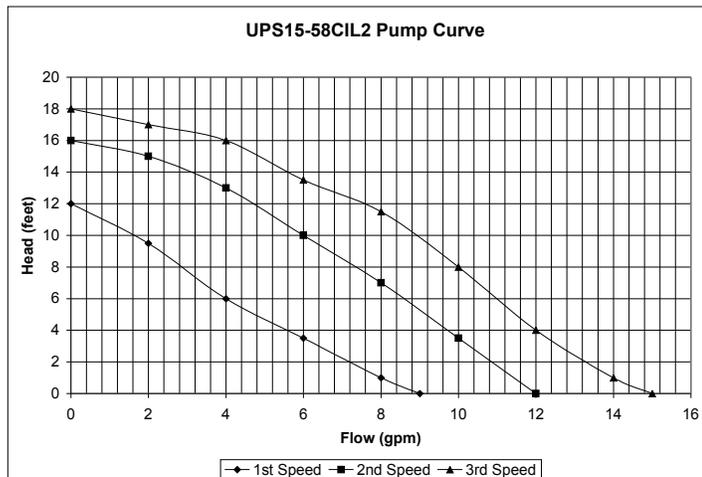
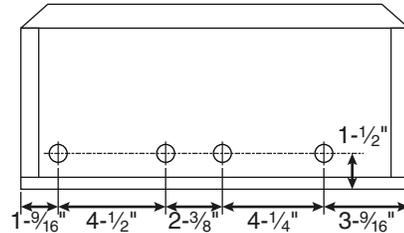
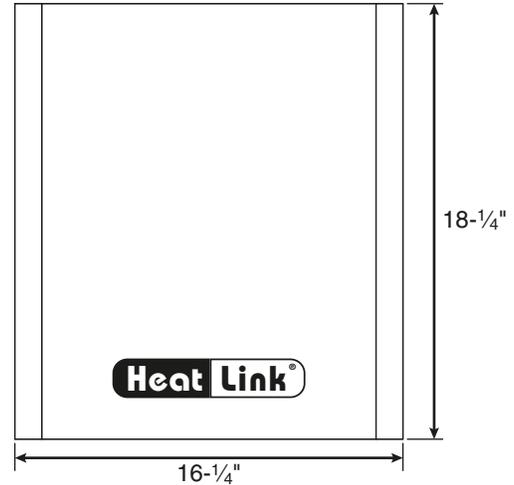
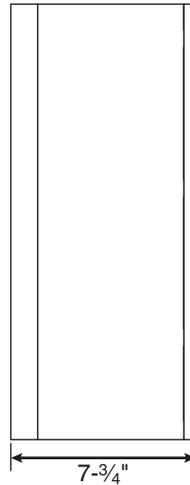
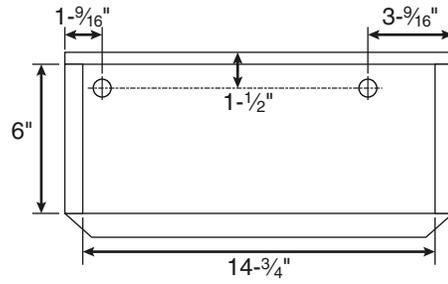
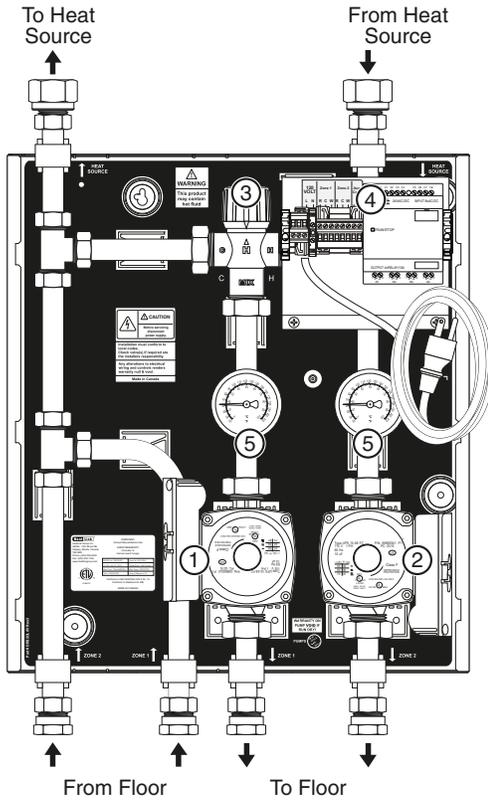
Standards / Listings

CAN/CSA-C22 No.14, UL508
 cETLus

Qty	Stk. #	Nominal Panel Output	Nominal Flow	Nominal Pressure Drop Outside of Panel	Valve Size	Valve Cv	Piping Connections	Weight
	TMP200DT	Low Temp	70,000 Btu/hr	7.0 US gpm @ 20 °F ΔT	4 ft	1"	1" FIP primary 3/4" FIP secondary	26 lb (11.8 kg)
		High Temp	130,000 Btu/hr	10.0 US gpm @ 20 °F ΔT	8 ft	none		

Panel Components

- ① Zone 1 Pump (Low Temp) with Check Valve (UPS 15-58RU Composite)
- ② Zone 2 Pump (High Temp) with Check Valve (UPS 15-58RU Composite)
- ③ 3-Way Thermostatic Mixing Valve
- ④ PLC with 6' Power Cord
 - 24hr Timer for Potable Applications
 - Bypass Function
 - Auxiliary Dry Contacts for Heat Source
- ⑤ Thermometer



Installation

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

Maintenance

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

Related Documents

- TMP200DT Installation, Operation, and Maintenance Manual Instructions (L6TMP000DT)
- Component Warranty