

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

These panels are designed to work with Weil-McLain ECO boilers. The primary piping matches up to the ECO boiler system supply and return. The cool gray color of the enclosure matches the ECO boiler.

The panel has three or four Grundfos UPS15-58 pumps. There is a primary pump, a DHW pump and one or two heating pumps. The primary and DHW pumps are controlled by the boiler. On the ECO Boiler Panel model, the heating pump is controlled by a thermostat (supplied separately) wired to the boiler. On the ECO Boiler Panel High Capacity model, each heating pump is controlled by a thermostat (supplied separately) wired to the terminal strip on the panel. The water temperature is controlled by the boiler.

Qty	Stk. #	Nominal Panel Output	Nominal Flow
	ECO1ZN3P	80,000 Btu/hr	6.0 US gpm @ 35°F ΔT
	ECO2ZN4P	100,000 Btu/hr	10.0 US gpm @ 35°F ΔT

Technical Data

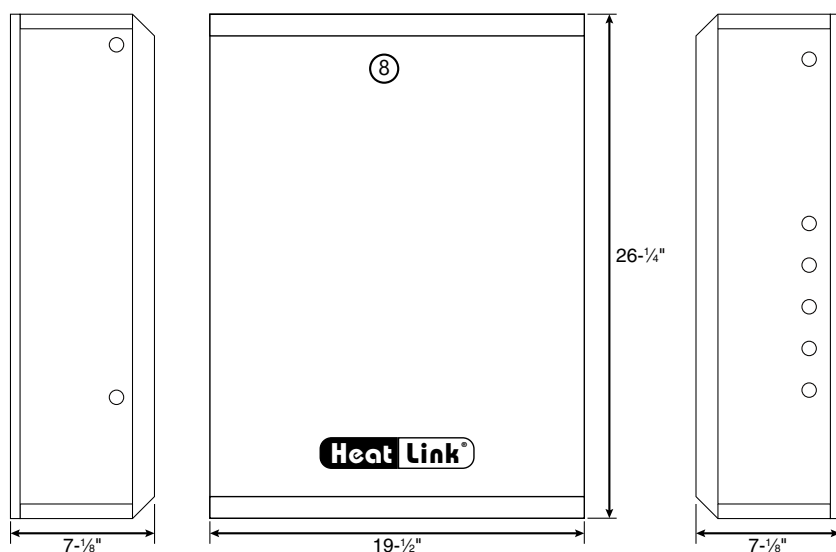
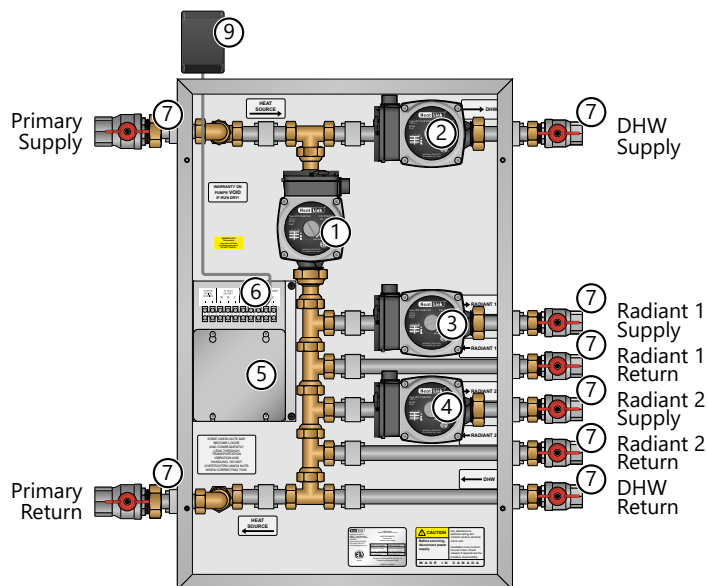
Max Ambient Temperature: 120°F (49°C)
 Min Operating Temperature: 40°F (4°C)
 Max Operating Temperature: 200°F (93°C)
 Max Operating Pressure: 125 psi (862 kPa)
 Power Supply: 120/24 V(ac)
 Primary Pump: Grundfos UPS15-58
 DHW Pump: Grundfos UPS15-58
 Radiant 1 Pump: Grundfos UPS15-58
 Radiant 2 Pump: Grundfos UPS15-58 (ECO2ZN4P only)
 Auxiliary Terminal: 1 dry contact, max. load 1.5A (ECO2ZN4P only)
 Piping: ¾" 304SS Tubing
 Piping Connections: 1" FNPT
 Material - Backplate: 16 Gauge galvanized steel
 Material - Enclosure: Powder coated steel

Standards / Listings

CAN/CSA-C22 No.14, UL508
cETLus

Panel Components

- ① Primary Pump
- ② DHW Pump
- ③ Radiant 1 Pump
- ④ Radiant 2 Pump (ECO2ZN4P only)
- ⑤ Electrical Connection Box
- ⑥ 24V Terminal Strip (ECO2ZN4P only)
- ⑦ Isolation Valve
- ⑧ Panel Enclosure
- ⑨ 40VA 24Vac Plug-in Transformer (ECO2ZN4P only)



Installation

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

Maintenance

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

Related Documents

- ECO Panels Installation, Operation, and Maintenance Manual Instructions (L6ECOxZNxP)
- HeatLink Limited Heating Warranty

