Job or Customer :	
Location :	
Engineer :	
☐ Complies with Spec ☐ Alternate	Notes :
Contractor :	
HeatLink Rep :	
Submitted By :	Date :
Approved By :	Date :
P.O. Number :	Date :

Description

These panels are designed to work with IBC SL G2 (BC G2-1, BC G2-2), and IBC DC (BC G2-3) boilers. The panel primary piping matches up to the IBC boiler system supply and return.

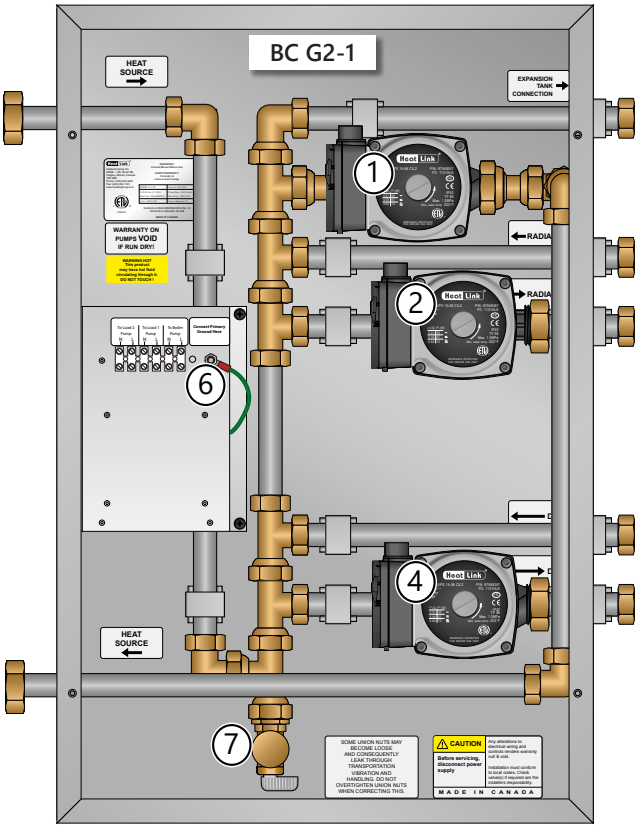
The panel has three or four Grundfos UPS15-58 pumps, all of which are controlled by the boiler. All the thermostats, and the DHW sensor are wired to the boiler. The water temperature is controlled by the boiler.

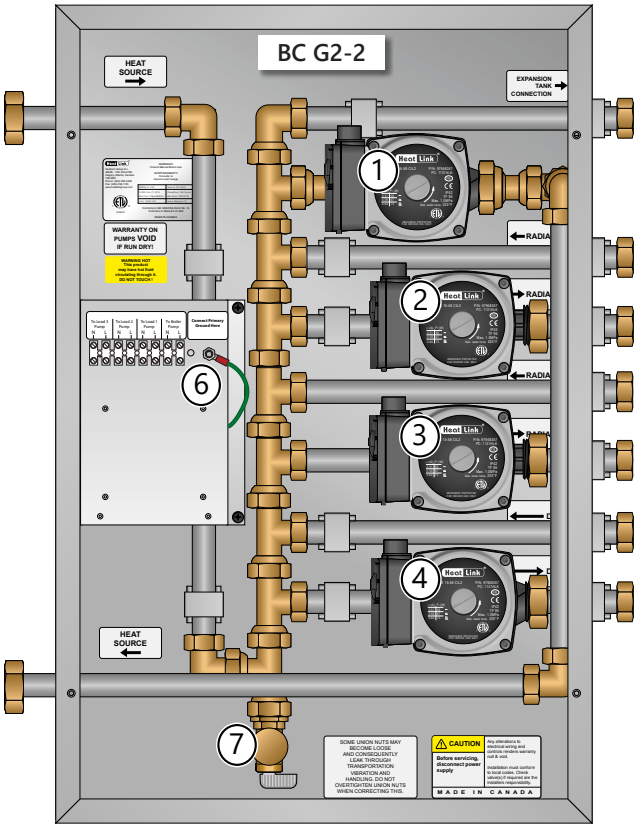
Qty	Stk. #	Nominal Panel Output	Nominal Flow
	BC G2-1	80,000 Btu/hr	6.0 US gpm @ 35°F ΔT
	BC G2-2	100,000 Btu/hr	10.0 US gpm @ 35°F ΔT
	BC G2-3	100,000 Btu/hr	10.0 US gpm @ 35°F ΔT

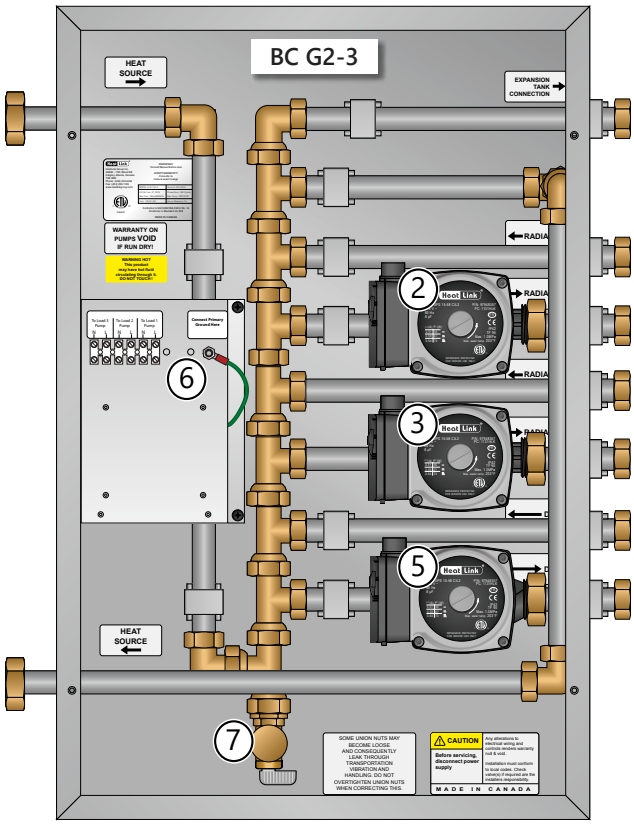
		Model Number		
	Specifications	BC G2-1	BC G2-2	BC G2-3
Max ambient temperature	120°F (49°C)	•	•	•
Min operating temperature	40°F (4°C)	•	•	•
Max operating temperature	200°F (93°C)	•	•	•
Max operating pressure	125 psi (862 kPa)	•	•	•
Primary Pump		•	•	
DHW pump		•	•	
Radiant 1 pump	Grundfos UPS15-58	•	•	•
Radiant 2 pump			•	•
Radiant 3 pump				•
Piping	¾" 304SS Tubing	•	•	•
Piping connections	¾" and 1" FNPT	•	•	•
Material - backplate	16 Gauge galvanized steel	•	•	•
Material - enclosure	Powder coated steel	•	•	•

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

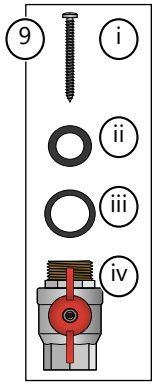
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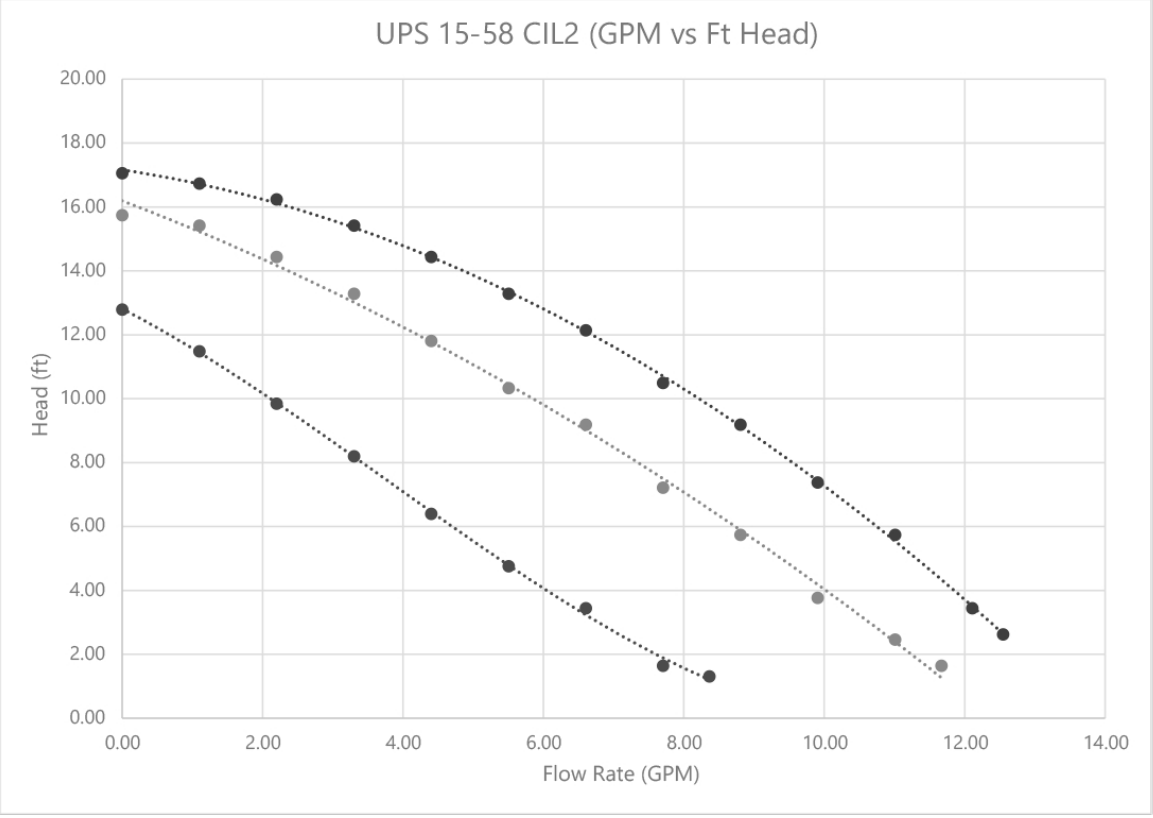






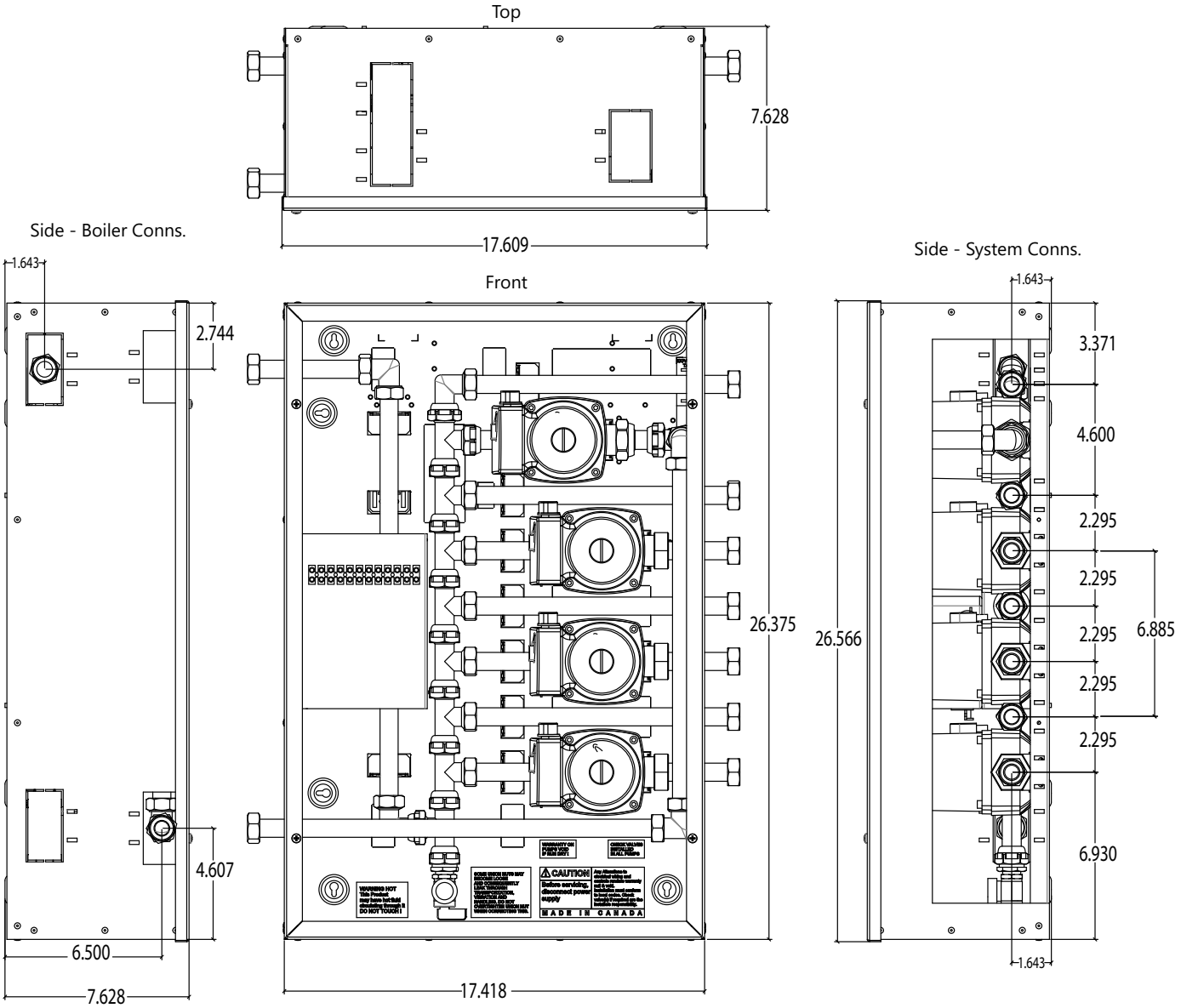
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#	Components		Component Description	Part Number (Qty.)		
				BC G2-1	BC G2-2	BC G2-3
1	Primary pump		System pump.	PUMP1558		n/a
2	Radiant pump 1		Radiant zone 1 pump.	PUMP1558		
3	Radiant pump 2		Radiant zone 2 pump.	n/a	PUMP1558	
4	DHW pump		Domestic hot water pump.	PUMP1558		n/a
5	Radiant pump 3		Radiant zone 3 pump.	n/a	n/a	PUMP1558
6	Terminal strip		Connection block for aquatstat 24V transformer, thermostats, etc	Terminal strip		
7	Fill Valve		Used during fill and purge, or to drain panel for servicing.	Fill valve		
8	Cover		White, powder-coated	(×1)		
9	Accessory pack		Panel installation accessories	ACCBCG2-1	ACCBCG2-2	ACCBCG2-3
	i	Mounting screw	Panel mounting screws.	(×4)	(×4)	(×4)
	ii	¾" Nitrile washer	Washers for installation of ¾" isolation valves, plus (4) spares.	NTRWSH34 (×10)	NTRWSH34 (×12)	NTRWSH34 (×10)
	iii	1" Nitrile washer	Spare washers (2) for pumps.	NTRWSH1 (×2)	NTRWSH1 (×2)	NTRWSH1 (×2)
	iv	¾" Isolation valve	Zone valve used to isolate the panel from the system during fill & purge, and maintenance.	(×7)	(×9)	(×9)



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Dimensions



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

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

Related Documents
- BCG2 Panels Installation, Operation, and Maintenance Manual Instructions (L6BCG2)
- HeatLink Limited Heating Warranty

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