

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

Panel includes a surface (visible parts are satin coated) with one key lock and one or two coin/screwdriver locks, stainless steel manifold with 2.5 US gpm circuit flow rate (76200 series), thermometer, isolation valves, and Grundfos 26-99 system pump. Mains piping to come from the top. Electrical wiring openings on top. Manifold comes with 1 loop closed and plugged. 77100 series tubing to manifold connectors sold separately.

Qty	Stk. #	# of Loops	Nominal Output	Nominal Flow	Nominal Pressure Drop Outside of Panel
	SSPLS204T	4	100,000 Btu/hr	10 USgpm @ 20°F ΔT	Based on 250' loops of 1/2" tubing
	SSPLS206T	6	150,000 Btu/hr	15 USgpm @ 20°F ΔT	Based on 250' loops of 1/2" tubing
	SSPLS208T	8	200,000 Btu/hr	20 USgpm @ 20°F ΔT	Based on 250' loops of 1/2" tubing
	SSPLS210T	10	250,000 Btu/hr	25 USgpm @ 20°F ΔT	Based on 250' loops of 1/2" tubing
	SSPLS212T	12	300,000 Btu/hr	30 USgpm @ 20°F ΔT	Based on 250' loops of 1/2" tubing

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

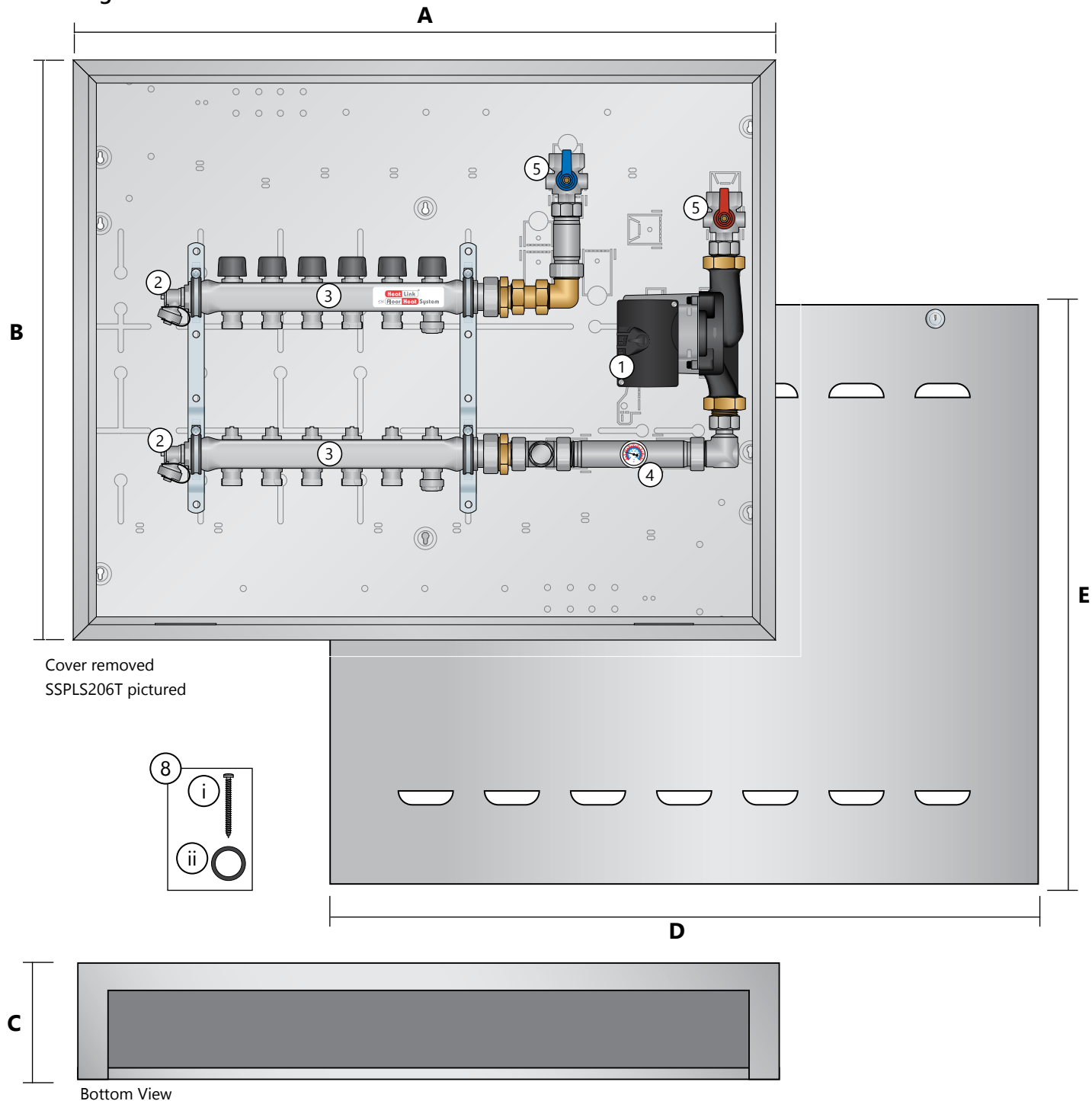
## Technical Data

	Specifications
Min operating temperature	36°F (2°C)
Max operating temperature	212°F (100°C)
Max operating pressure	100 psi (689 kPa)
Power supply	120/24 V(ac)
Pump	Grundfos UPS26-99
Piping	3/4" 304SS Tubing
Piping connections	1" FNPT
Material - manifold	Stainless steel
Material - backplate	16 Gauge galvanized steel
Material - enclosure	Powder coated steel

## Standards / Listings

CAN/CSA-C22 No.14, UL508 cETLus

## Panel Diagrams



Surface Mount skirting by others. Extended cabinet add-on available for 4 to 10 loop panels. See page 3 for details.

## Panel Dimensions

Stk. #	Enclosure Dimensions			Cover Dimensions		# of Locks
	A	B	C	D	E	
SSPLS204T	34 ½"	28 ½"	5 ⅞"	32 ⅞"	26.9"	2
SSPLS206T	(876 mm)	(724 mm)	(149 mm)	(835mm)	(683mm)	
SSPLS208T	42 ½"	28 ½"	5 ⅞"	40 ⅞"	26.9"	2
SSPLS210T	(1080 mm)	(724 mm)	(149 mm)	(1038mm)	(683mm)	
SSPLS212T	46 ½"	28 ½"	5 ⅞"	44 ⅞"	26.9"	3
	(1180 mm)	(724 mm)	(149 mm)	(1140mm)	(683mm)	

## Panel Components (Mechanical)

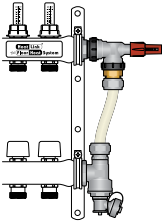
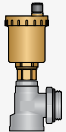

#	Components	Component Description	Stock Number (Qty.)				
			SSPLS204T	SSPLS206T	SSPLS208T	SSPLS210T	SSPLS212T
1	Pump	UPS26-99 pump	(1)	(1)	(1)	(1)	(1)
2	Manifold	Supply and return manifold with flow meters	76204 (1)	76206 (1)	76208 (1)	76210 (1)	76212 (1)
3	Hosebib	Allows for system fill and purge	(2)	(2)	(2)	(2)	(2)
4	Thermometer	Displays supply water temperature	(1)	(1)	(1)	(1)	(1)
5	Isolation valves	Isolates panel for servicing	(2)	(2)	(2)	(2)	(2)
6	Accessory pack		(1)	(1)	(1)	(1)	(1)
i	Mounting screws	For panel mounting	(4)	(4)	(4)	(4)	(6)
ii	1" nitrile washers	Spare nitrile washers	(2)	(2)	(2)	(2)	(2)

## Enclosure Options

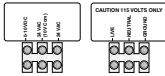

Qty	Stk. #	Description	Height (B)	Extended Door Height	Submittal
	SSASSE6	Upgrade material to stainless steel, 2 to 6 loop, surface mount.	28 ½" (724 mm)	n/a	n/a
	SSASE10	Upgrade material to stainless steel, 8-10 loop, surface mount.	28 ½" (724 mm)	n/a	n/a
	SSASE12	Upgrade material to stainless steel, 12 loop, surface mount	28 ½" (724 mm)	n/a	n/a
	SSAEXE6	Extended surface mount (satin steel), 4-6 loop	45" (1143 mm)	16.4" (417mm)	n/a
	SSAEXE10	Extended surface mount (satin steel), 8-10 loop	45" (1143 mm)	16.4" (417mm)	n/a

*\*Not pictured. Cabinet and door width are the same as the standard enclosure.*

## Manifold Options

Qty	Stk. #	Image	Description	Submittal
	SSAPB		Pressure Bypass for SS Manifolds (see SUB76937) installed on manifold. Not compatible with SSAAV.	SUB76937
	SSAAV		#76935 installed automatic air vent to a 76100 or 76200 series 1-1/4" stainless steel manifold without occupying a loop. Not compatible with SSAPB.	SUB76935
	SSAACT		A single #56201 Actuator installed on SS Manifold with wiring harness. <i>When ordering these, please include a copy of the "Heating System Summary Report" from LoopCAD or an equivalent table or spreadsheet.</i>	SUB56200

## Controls (one selection required)

Qty	Stk. #	Image	Description	Submittal	Manual
	SSABMS		Wiring terminal blocks for Building Management System mounted to backplate.	n/a	L6SST-BMS
	SSASL		#40318 StatLink® 8 Zone Wiring Module and 24Vac transformer with wiring harness.	SUB40318	L6SST-SSASL

## Installation

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

## Maintenance

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

## Related Documents

- Mechanical Installation, Operation, and Maintenance Manual (L6SSP Series Mechanical Manual)
- HeatLink Limited Heating Warranty

## Pump Data

### Technical Data

#### Model Number UPS 26-99

##### Technical

Speed no	3
Max flow	33.0 US gpm (7.5 m <sup>3</sup> /h)
Head max	28.9 ft (8.8 m)
Approvals on nameplate	UL, CSA
Valve	pump with built-in isolating and non-return valves

##### Materials

Pump housing	Cast iron
Impeller	Composite, PES

##### Installation

Maximum ambient temperature	104°F (40°C)
Amb. max at 80 dgr C liquid	176°F (80°C)
Maximum operating pressure	145 psi (10 bar)
Type of connection	Threaded
Pipe connection	1 1/2" MBSP
Pressure rating	10

##### Liquid

Pumped liquid	Water
Liquid temperature range	36...230°F (2...110°C)
Liquid temperature during operation	140°F (60°C)
Density	61.38 lb/m <sup>3</sup> (983.2 kg/m <sup>3</sup> )

##### Electrical data

Power input in speed 1	150 W
Power input in speed 2	179 W
Max. power input	197 W
Mains frequency	60 Hz
Rated voltage	1 x 115V
Current in speed 1	1.3 A
Current in speed 2	1.5 A
Current in speed 3	1.8 A
Capacitor size - run	20 µF/180 V
Number of poles	2
Insulation class (IEC 85)	F
Motor protec	CONTACT
Thermal protec	internal

##### Controls

Pos term box	9H
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### Pump Curve

