

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 patented TwistSeal® distribution manifold is modular in design. Manifolds are field configurable and assembled with minimal tools. Includes an automatic air vent, manual air vent, supply & return thermometers, and a hosebib. The supply module provides on/off manual control to allow isolation of individual loops and accepts optional actuators for automated control. The return module permits balancing of the flow rate with flow setting dial.

Technical Data

Material:..... Polysulfone & Nylon
 Max Working Pressure: 100 psi @ 180°F (6.9 bar @ 82.2°C)
 Tested Pressure:..... 232 psi @ 180°F (16 bar @ 82.2°C)
 Maximum Trunk Flow Rate:..... 11 US gpm (2.5 m³/h)
 Maximum Circuit Flow Rate:..... 1.25 US gpm (0.28 m³/h)
 Supply & Return Piping: 1" FPT
 Operating Temperature:..... 160°F (70°C)
 Maximum Temperature: 180°F (82°C)
 Minimum Temperature*: -65°F (-54°C)*

Qty	# of Loops	Assembly Kit	Modules	Additional Brackets	Width A	Weight
	2	79200	2x 78200	-	10-1/4" (259 mm)	4.9 lb (2.3 kg)
	3	79200	3x 78200	-	12-1/2" (317 mm)	5.6 lb (2.6 kg)
	4	79200	4x 78200	-	14-3/4" (375 mm)	6.2 lb (2.8 kg)
	5	79200	5x 78200	-	17" (433 mm)	6.9 lb (3.2 kg)
	6	79200	6x 78200	1x 79892	29-3/8" (491 mm)	7.8 lb (3.6 kg)
	7	79200	7x 78200	1x 79892	21-5/8" (549 mm)	8.5 lb (3.9 kg)
	8	79200	8x 78200	1x 79892	23-7/8" (607 mm)	9.1 lb (4.2 kg)
	9	79200	9x 78200	2x 79892	26-1/8" (665 mm)	10 lb (4.6 kg)
	10	79200	10x 78200	2x 79892	28-1/2" (723 mm)	10.6 lb (4.8 kg)
	11	79200	11x 78200	2x 79892	30-3/4" (781 mm)	11.3 lb (5.2 kg)
	12	79200	12x 78200	3x 79892	33" (839 mm)	12.2 lb (5.6 kg)

* Ensure freeze protection of tubing. Maximum recommended glycol solution of 50% provides protection down to -29°F (-34°C).

Dimension A:

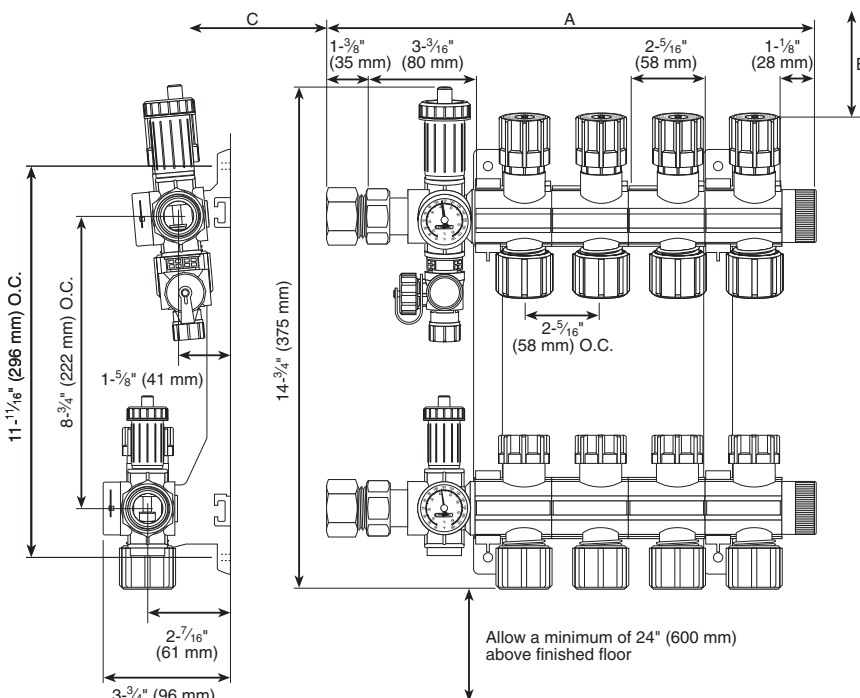
Width dimensions in table do not include isolation valve, zone valve, or necessary fittings for connection.

Dimension B:

Allow for a minimum of 6" (150 mm) clearance from top of manifold to frame opening for StatLink® Module rough in.

Dimension C:

Allow for a minimum of 6" (150 mm) clearance from the supply/return end connections to the side frame for supply/return piping that turns up or down. If straight supply/return piping is used, allow for a minimum of 12" (300 mm) or if zone valves are used, a minimum of 18" (450 mm). Be aware that the minimum distance will vary according to the supply/return piping arrangement.



Installation

Manifold must be permanently accessible. Installation of TwistSeal® manifolds must follow all of HeatLink's instructions and guidelines, including those in the Assembly Kit Instructions.

Maintenance

Maintenance of TwistSeal® manifolds must follow all of HeatLink's instructions and guidelines, including those in the Assembly Kit Instructions.

Related Documents

- TwistSeal® Mini Assembly Instructions (L679200)
- INFO 24 - Material Properties of Polysulfone (L2324)
- HeatLink Limited Heating Warranty

