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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**

The patented TwistSeal® distribution manifold is modular in design. Manifolds are field configurable and assembled with minimal tools. Includes an automatic air vent 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 0.4-1.0 US gpm visual flow meter.

**Technical Data**

Material:..... Polysulfone & Nylon  
 Working Pressure:..... 87 psi (6 bar)  
 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 US gpm (0.23 m³/h)  
 Supply & Return Piping:..... 1" MIP  
 Operating Temperature:..... 160°F (70°C)  
 Maximum Temperature:..... 180°F (82°C)  
 Minimum Temperature\*:..... -65°F (-54°C)\*

**Standards / Listings**

n/a

Qty	# of Loops	Assembly Kit	Modules	Additional Brackets	Width A	Weight
	2	79201	1x 78302	-	9-1/4" (233 mm)	4 lb (1.8 kg)
	3	79201	1x 78303	-	11-1/8" (283 mm)	4 lb (1.8 kg)
	4	79201	2x 78302	-	13-1/8" (333 mm)	5 lb (2.3 kg)
	5	79201	1x 78302 1x 78303	-	15-1/8" (383 mm)	5 lb (2.3 kg)
	6	79201	2x 78303	1x 79892	17-1/8" (433 mm)	5.25 lb (2.4 kg)
	7	79201	2x 78302 1x 78303	1x 79892	19" (483 mm)	6.25 lb (2.8 kg)
	8	79201	1x 78302 2x 78303	1x 79892	21" (533 mm)	6.25 lb (2.8 kg)
	9	79201	3x 78303	2x 79892	23" (583 mm)	6.5 lb (3 kg)
	10	79201	2x 78302 2x 78303	2x 79892	25" (633 mm)	7.5 lb (3.4 kg)
	11	79201	1x 78302 3x 78303	2x 79892	27" (683 mm)	7.5 lb (3.4 kg)
	12	79201	4x 78303	3x 79892	28-7/8" (733 mm)	7.75 lb (3.5 kg)
	13	79201	2x 78302 3x 78303	3x 79892	30-7/8" (783 mm)	8.75 lb (3.9 kg)
	14	79201	1x 78302 4x 78303	3x 79892	32-7/8" (833 mm)	8.75 lb (3.9 kg)
	15	79201	5x 78303	4x 79892	34-3/4" (883 mm)	9 lb (4 kg)

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

**Dimension A:**

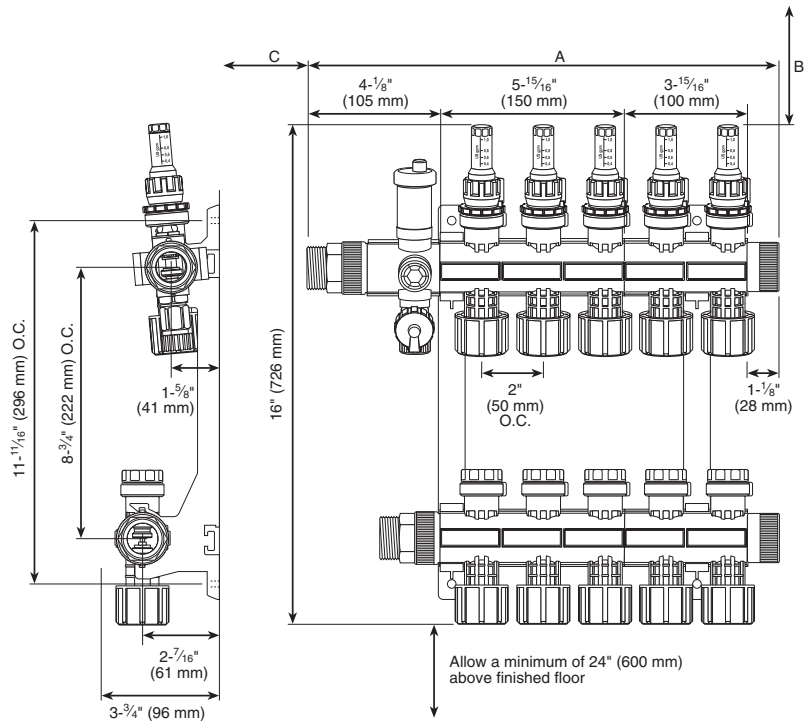
Width dimensions in table do not include isolation valve, zone valve, or necessary fittings for connection.

**Dimension B:**

Allow for a minimum of 6" (150 mm) clearance from top of manifold to frame opening for StatLink<sup>®</sup> 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<sup>®</sup> manifolds must follow all of HeatLink's instructions and guidelines, including those in the Assembly Kit Instructions, and Manifold Technical Guide.

**Maintenance**

Maintenance of TwistSeal<sup>®</sup> manifolds must follow all of HeatLink's instructions and guidelines, including those in the Assembly Kit Instructions, and Manifold Technical Guide.

**Related Documents**

- TwistSeal<sup>®</sup> Mini Assembly Instructions (L679200)
- TwistSeal<sup>®</sup> Mini Multiport Balancing Instructions (L678300)
- INFO 24 - Material Properties of the Distribution Manifold (L2324)
- Manifold Technical Guide (L3610)
- Component Warranty

