

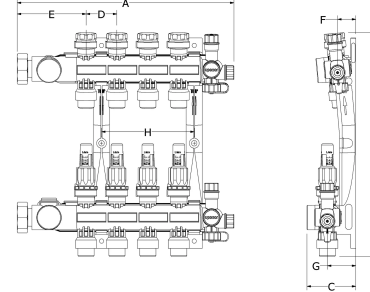
# EP heating manifolds

## Project Information

Job name:	Location:
Engineer:	Date submitted:
Contractor:	Submitted by:
Manufacturer's representative:	Approved by:

## Technical data

Material	Engineered Polymer
Loop Cv	1.4 Cv
End type 1	ISO 228-G 1-1/4"
End type 2	ISO 228-G 3/4"
Temp/pressure ratings	140 °F (60 °C) at 87 psi (6 bar)
	158 °F (70 °C) at 72 psi (5 bar)
	176 °F (80 °C) at 58 psi (4 bar)
	194 °F (90 °C) at 44 psi (3 bar)
Operating temperature max. [°F]	60 °f
Max. fluid flow rate	15.4 gpm
Prop 65 label required?	Yes



## Product Information and application use

The Engineered Polymer (EP) Heating Manifold Assemblies feature isolation valves and balancing valves with flow meters (0-1 gpm), and come fully assembled, ready for installation in hydronic radiant heating and cooling systems. The body ends feature R32 unions and the loop outlets have R20 male threads. Use only propylene glycol in radiant systems with EP Heating Manifolds; never use ethylene glycol.

Part name	Part no.	A [inch]	B [inch]	C [inch]	D [inch]	E [inch]	F [inch]	G [inch]	H [inch]	Operating temperature min. [°F]	Weight per UOM [lbs/UOM]
EP Heating Manifold Assembly with Flow Meter, 2-loop	A2670201	9.88	14.184	3.11	1.969	4.39	1.181	1.811	-	44.6	3.5
EP Heating Manifold Assembly with Flow Meter, 3-loop	A2670301	11.849	14.184	3.11	1.969	4.39	1.181	1.811	3.937	44.6	4.16
EP Heating Manifold Assembly with Flow Meter, 4-loop	A2670401	13.817	14.184	3.11	1.969	4.39	1.181	1.811	5.906	45	4.82
EP Heating Manifold Assembly with Flow Meter, 5-loop	A2670501	15.786	14.184	3.11	1.969	4.39	1.181	1.811	7.874	44.6	5.48
EP Heating Manifold Assembly with Flow Meter, 6-loop	A2670601	17.754	14.184	3.11	1.969	4.39	1.181	1.811	9.843	44.6	6.14
EP Heating Manifold Assembly with Flow Meter, 7-loop	A2670701	19.723	14.184	3.11	1.969	4.39	1.181	1.811	11.813	44.6	6.8
EP Heating Manifold Assembly with Flow Meter, 8-loop	A2670801	21.691	14.184	3.11	1.969	4.39	1.181	1.811	13.78	44.6	7.46

Part name	Part no.	Codes	Standards	Listings
EP heating manifolds	All	-	-	-

## Installation

Do not use thread sealant on connections. Carriers present in these compounds can crack the plastic port connections, resulting in leaks and water damage. For additional information, refer to the EP Heating Manifold Instruction Sheet. Note: Use only propylene glycol in radiant heating and cooling systems with EP Heating Manifolds; never use ethylene glycol. Refer to the EP Heating Manifold Installation Guide for a complete chemicals list.

## Related applications

- Radiant Heating and Cooling Systems
- Permafrost Protection Systems
- Turf Conditioning Systems

## Notes

Compatible Actuators:

A3023522 Thermal Actuator, four-wire; A3030522 Two-wire Thermal Actuator for EP Heating Manifolds

## Footnotes

## Contact information

Uponor Inc.  
5925 148th Street West  
Apple Valley, MN 55124  
T 800.321.4739  
F 952.891.2008

Uponor Ltd.  
6510 Kennedy Road  
Mississauga, ON L5T 2X4  
T 888.594.7726  
F 800.638.9517