## EP heating manifolds

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

E + D +

啤

# # #

Technical data	
Material	Engineered Polymer
Subcomponent Material	Manifold: PA66-GF30
	Valve Insert, Handwheels: POM
	Metal Inserts: Brass C38500
	Axel: Stainless Steel
	Spring: Stainless Steel
	O-ring: EPDM
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)
Max. fluid flow rate	15.4 gpm
Prop 65 label required?	Yes
Product information and app	lication 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. Use only propylene glycol in radiant systems with EP Heating Manifolds; never use ethylene glycol.

Manifolds; never use ethylene glycol.											
Part name	Part no.	A [inch]	B [inch]	C [inch]	D [inch]	E [inch]	F [inch]	G [inch]	Operating temperature min. [°F]	H [inch]	Operating temperature max. [°F]
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	-	-
EP Heating Manifold Assembly with Flow Meter, 3-loop	A2670301	11.849	14.184	3.11	1.969	4.39	1.181	1.811	44.6	3.937	-
EP Heating Manifold Assembly with Flow Meter, 4-loop	A2670401	13.817	14.184	3.11	1.969	4.39	1.181	1.811	45	5.906	60
EP Heating Manifold Assembly with Flow Meter, 5-loop	A2670501	15.786	14.184	3.11	1.969	4.39	1.181	1.811	44.6	7.874	-
EP Heating Manifold Assembly with Flow Meter, 6-loop	A2670601	17.754	14.184	3.11	1.969	4.39	1.181	1.811	44.6	9.843	-
EP Heating Manifold Assembly with Flow Meter, 7-loop	A2670701	19.723	14.184	3.11	1.969	4.39	1.181	1.811	44.6	11.813	-
EP Heating Manifold Assembly with Flow Meter, 8-loop	A2670801	21.691	14.184	3.11	1.969	4.39	1.181	1.811	44.6	13.78	-

Part no.	Weight per UOM [lbs/UOM]
A2670201	3.5
A2670301	4.16
A2670401	4.82
A2670501	5.48
A2670601	6.14
A2670701	6.8
A2670801	7.46
	A2670201 A2670301 A2670401 A2670501 A2670601 A2670701

Installation	Related applications
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	Radiant Heating and Cooling Systems
EP Heating Manifold Instruction Sheet. Note: Use only propylene glycol in radiant heating and	Permafrost Protection Systems
cooling systems with EP Heating Manifolds; never use ethylene glycol. Refer to the EP Heating Manifold Installation Guide for a complete chemicals list.	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.	Uponor Ltd.		
	5925 148th Street West	6510 Kennedy Road		
	Apple Valley, MN 55124	Mississauga, ON L5T 2X4		
	T 800.321.4739	T 888.594.7726		
	F 952.891.2008	F 800.638.9517		