

EP heating manifolds

Project information

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

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 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. Use only propylene glycol in radiant systems with EP Heating Manifolds; never use ethylene glycol.

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

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Contact information

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