

Engineered Plastic (EP) Heating Manifold Single Section with Balancing Valve and Flow Meter

Submittal Information
Revision A: Dec. 1, 2008

Project Information

Job Name:	
Location:	Part No. Ordered:
Engineer:	Date Submitted:
Contractor:	Submitted By:
Manufacturer's Representative:	Approved By:

Technical Data

Manifold:	PA66-GF30	Max. Test Pressure (24 h, ≤ 86°F) tested with water:	145 psi (10 bar)
Valve Insert, Handwheels:	POM	Max. Test Pressure (24 h, ≤ 70°F) tested with air:	100 psi (7 bar)
Metal Inserts:	Brass C38500	Max. Water Flow per Manifold:	0.97 l/s 15.4 gpm
Axel:	Stainless Steel	Cv Value Inlet/Outlet Valves:	1.40
Spring:	Stainless Steel	Connection Dimensions:	R32
O-ring:	EPDM	Adaptable Actuators:	EP Heating Manifold, two-wire Actuator (A3030522); Thermal Actuator, four-wire (A3010522) with EP Heating Manifold Actuator Adaptor (A2671300)
Max. Operating Temperature and Pressure:	6 bar at 60°C 87 psi at 140°F	5 bar at 70°C 72 psi at 158°F	
	4 bar at 80°C 58 psi at 176°F	3 bar at 90°C 44 psi at 194°F	



Product Information and Application Use

The Engineered Plastic (EP) Heating Manifold Single Section with Balancing Valve and Flow Meter (A2670003) adds additional loops to an EP Heating Manifold assembly for use in hydronic radiant heating and cooling systems. Use only propylene glycol in radiant systems with EP Heating Manifolds; never use ethylene glycol.

✓ Description	Part Number	Height	Width	Weight
EP Heating Manifold Single Section with Balancing Valve and Flow Meter	A2670003	7.5"	2.0"	0.36 lbs.
EP Heating Manifold Flow Meter Valve Body, replacement part	A2670005	7.5"	2.0"	0.36 lbs.
EP Heating Manifold Valve Replacement Tool	A2670007	7.5"	2.0"	0.36 lbs.
EP Heating Manifold Replacement O-ring	A2670008	7.5"	2.0"	0.36 lbs.

Installation

Select the proper bracket spacing for the manifold and mount the bracket to the wall. Snap the manifold to the bracket. See the installation manual for complete instructions. **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.

Standards/Codes/Listings

N/A

Related Applications

Radiant Heating and Cooling Systems
Snow and Ice Melting Systems
Permafrost Protection Systems
Turf Conditioning Systems

Contact Information

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