

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: Submitted By: Contractor:

100 psi (7 bar)

Approved By: Manufacturer's Representative:

Technical Data

Handwheels:

Manifold: PA66-GF30 Max. Test Pressure (24 h, ≤ 86°F) 145 psi (10 bar)

tested with water:

Valve Insert, Max. Test Pressure (24 h, ≤ 70°F)

tested with air:

Metal Inserts: Brass C38500 Max. Water Flow per Manifold: 0.97 l/s 15.4 gpm

Axel: Stainless Steel Cv Value Inlet/Outlet Valves: 1.35

Connection Dimensions: R32 Spring: Stainless Steel

O-ring: **EPDM** Adaptable EP Heating Manifold, two-wire Actuator (A3030522);

> Thermal Actuator, four-wire (A3010522) with EP **Actuators:**

Heating Manifold Actuator Adaptor (A2671300)

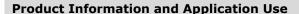
Max. Operating Temperature

POM

and Pressure:

5 bar at 70°C 6 bar at 60°C 87 psi at 140°F 72 psi at 158°F

4 bar at 80°C 3 bar at 90°C 58 psi at 176°F 44 psi at 194°F



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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