

Engineered Plastic (EP) Heating Manifold Single Section with Isolation Valve

Submittal Information Revision A: Dec. 1, 2008

Project Information

Job Name:

Inserts:

Spring:

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

Technical Data

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

86°F) tested with water:

Valve Insert, Max. Test Pressure (24 h, ≤ 100 psi (7 bar)

Handwheels: POM 70°F) tested with air:

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

Manifold:

Stainless Cv Value Inlet/Outlet Axel: 1.35

Steel Valves: Stainless **Connection Dimensions:**

Steel O-ring: **EPDM** Adaptable EP Heating Manifold, two-wire Actuator

> **Actuators:** (A3030522); Thermal Actuator, four-wire (A3010522) with EP Heating Manifold Actuator

R32

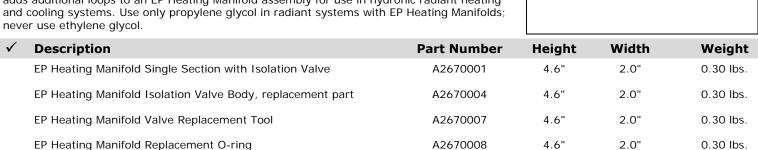
Adaptor (A2671300)

Max. Operating 6 bar at 60°C 5 bar at 70°C Temperature and 87 psi at 140°F 72 psi at 158°F Pressure: 3 bar at 90°C

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

Product Information and Application Use

The Engineered Plastic (EP) Heating Manifold Single Section with Isolation Valve (A2670001) adds additional loops to an EP Heating Manifold assembly for use in hydronic radiant heating



Installation

Select the proper bracket spacing for the manifold and mount the bracket to the wall. Snap the manifold to the bracket. For additional information, refer to the 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.

Standards/Codes/Listings

N/A

Related Applications Contact Information

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

Uponor, Inc. 5925 148th Street West Apple Valley, MN 55124 USA Phone: (800) 321-4739 Fax: (952) 891-2008

www.uponor-usa.com

Uponor Ltd. 2000 Argentia Road, Plaza 1, Suite 200 Mississauga, ON L5N 1W1 CANADA Phone: (888) 994-7726

Fax: (800) 638-9517 www.uponor.ca