

Submittal Data Sheet



Part #	Description
See below	RSS Manifold System

Project Information

Job Name:

Location:

Date Submitted:

Engineer:

Submitted by:

Contractor:

Approved by:

Manufacturer's Representative:

Application

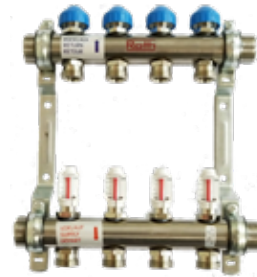
Distribution and control of flow and heat output to various radiant, snowmelt and/or hydronic tubing loops or zones.

Product Information

- Stainless steel trunks - ANSI 304 Stainless Steel
- System includes supply and return manifolds with isolation ball valves, temperature gauges, fill/drain valves, manual air vents and mounting brackets.
- Supply manifold includes flowmeters and flow valves.
- Return manifold includes valve assemblies for isolation, flow adjustment and electronic actuator attachment.
- Isolation ball valves and drain/fill and vent assemblies can be mounted on either side of manifold
- Drain/fill valves equipped with 3/4" GHT
- PE-RT/PEX tubing attached with plated brass R-20 Euroconical compression fittings
- PE-RT-AL-PE-RT/PEX-AL-PEX tubing attached with brass R-20 Euroconical compression fittings

Technical Information

Maximum operating temperature	176°F (80°C)
Maximum operating pressure	87 psi (6 bar)
Maximum flow rate 1"	12 gpm (45.5 lpm)
1 1/4"	22 gpm (83.3 lpm)
Temperature gauge range	32°F - 176°F (0°C - 80°C)
Flowmeter range 1"	0 - 2.0 gpm (0 - 7.6 lpm)
1 1/4"	0 - 2.0 gpm (0 - 7.6 lpm)
Recommended test pressure	87 psi (6 bar)



Part Numbers

X	Part #	Description	Lg. in (mm)
	2315020002	RSS Manifold Set 1" x 2 loop	11.0 (279)
	2315031003	RSS Manifold Set 1" x 3 loop	13.0 (329)
	2315031004	RSS Manifold Set 1" x 4 loop	14.9 (379)
	2315031005	RSS Manifold Set 1" x 5 loop	16.9 (429)
	2315031006	RSS Manifold Set 1" x 6 loop	18.9 (479)
	2315031007	RSS Manifold Set 1" x 7 loop	20.9 (529)
	2315031008	RSS Manifold Set 1" x 8 loop	22.8 (579)
	2315031009	RSS Manifold Set 1" x 9 loop	24.8 (629)
	2315031010	RSS Manifold Set 1" x 10 loop	26.8 (679)
	2315031020	RSS Manifold Set 1" x 11 loop	28.7 (729)
	2315031021	RSS Manifold Set 1" x 12 loop	30.7 (779)
	2315020103	RSS Manifold Set 1 1/4" x 3 loop	13.0 (329)
	2315020104	RSS Manifold Set 1 1/4" x 4 loop	14.9 (379)
	2315020105	RSS Manifold Set 1 1/4" x 5 loop	16.9 (429)
	2315020106	RSS Manifold Set 1 1/4" x 6 loop	18.9 (479)
	2315020107	RSS Manifold Set 1 1/4" x 7 loop	20.9 (529)
	2315020108	RSS Manifold Set 1 1/4" x 8 loop	22.8 (579)
	2315020109	RSS Manifold Set 1 1/4" x 9 loop	24.8 (629)
	2315020110	RSS Manifold Set 1 1/4" x 10 loop	26.8 (679)
	2315020111	RSS Manifold Set 1 1/4" x 11 loop	28.7 (729)
	2315020112	RSS Manifold Set 1 1/4" x 12 loop	30.7 (779)

Effective Date: July 2020

Contact Information

Roth Industries, Inc. 268 Bellew Ave. S. Watertown, NY 13601

Telephone: US (888) 266-7684 Canada (800) 969-7684 Fax: US & Canada (866) 462-2914

www.roth-america.com