

# Submittal Data Sheet



Part #	Description
See below	NP 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

- Nickel plated brass trunks - 1" & 1 1/4"
- System includes supply and return manifolds with isolation ball valves, temperature gauges, fill/drain valves, automatic air vents and mounting brackets.
- Supply manifold includes adjustable flowmeters and flow valves.
- Return manifold includes valve assemblies for isolation or electronic actuator attachment.
- Isolation ball valves and drain/fill and vent assemblies can be mounted on either side of manifold
- Compatible with Uni-bloc fittings for attachment of PEX and PE-RT tubing sizes 3/8", 1/2", 5/8" and 3/4"

## Technical Information

Maximum operating temperature	194°F (90°C)
Maximum operating pressure	87 psi (6 bar)
Maximum flow rate 1"	12 gpm (45.5 lpm)
1 1/4"	18 gpm (68.2 lpm)
Temperature gauge range	32°F - 176°F (0°C - 80°C)
Flowmeter range 1"	0 - 1.0 gpm (0 - 3.8 lpm)
1 1/4"	0 - 1.6 gpm (0 - 6.0 lpm)
Recommended test pressure	45 - 60 psi (3.1 - 4.1 bar)



## Part Numbers

X	Part #	Description	Lg. in (mm)
	2315031002	NP Manifold Set 1" x 2 loop	12.3 (313)
	2315031003	NP Manifold Set 1" x 3 loop	14.3 (364)
	2315031004	NP Manifold Set 1" x 4 loop	16.2 (412)
	2315031005	NP Manifold Set 1" x 5 loop	18.2 (463)
	2315031006	NP Manifold Set 1" x 6 loop	20.2 (513)
	2315031007	NP Manifold Set 1" x 7 loop	22.1 (562)
	2315031008	NP Manifold Set 1" x 8 loop	24.1 (612)
	2315031009	NP Manifold Set 1" x 9 loop	26.1 (663)
	2315031010	NP Manifold Set 1" x 10 loop	28.0 (712)
	2315031020	NP Manifold Set 1" x 11 loop	30.0 (762)
	2315031021	NP Manifold Set 1" x 12 loop	32.0 (813)
	2315031011	NP Manifold Set 1 1/4" x 4 loop	17.0 (432)
	2315031012	NP Manifold Set 1 1/4" x 5 loop	18.9 (480)
	2315031013	NP Manifold Set 1 1/4" x 6 loop	20.9 (531)
	2315031014	NP Manifold Set 1 1/4" x 7 loop	22.9 (582)
	2315031015	NP Manifold Set 1 1/4" x 8 loop	24.8 (630)
	2315031022	NP Manifold Set 1 1/4" x 9 loop	26.8 (681)
	2315031023	NP Manifold Set 1 1/4" x 10 loop	28.8 (732)
	2315031024	NP Manifold Set 1 1/4" x 11 loop	30.7 (780)
	2315031025	NP Manifold Set 1 1/4" x 12 loop	32.7 (831)

Effective Date: October 2012

## 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