Submittal Data Sheet

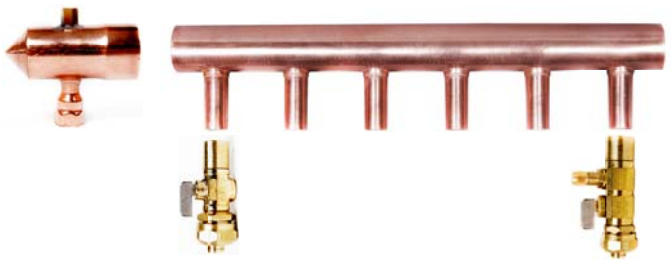
Roth Part #	Item Description	Manufacturer
Various	Copper Manifold and Accessories	Roth Industries

Job _____ Engineer _____

Contractor _____ Representative _____

Application:

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



Technical Information:

Manifold:

Material - Type L Copper
Trunk Length - 18”
Branch Length - 2”
Branch Spacing - 3” OC
Flow Rate (@ 4ft/sec): 1 1/2” - 22gpm 2” - 38.5gpm
3/4” - 6gpm

End Cap:

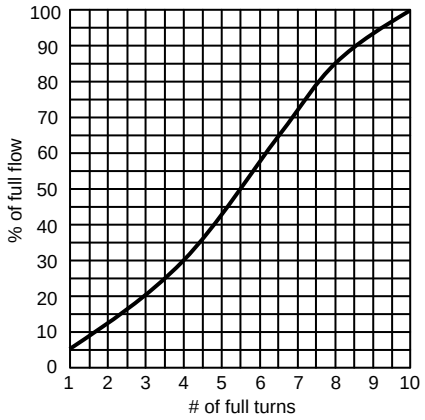
Material - Type L Copper
Length - 1 1/2” - 4 1/4” 2” - 5”
Taps - Vent - 1/8” Drain - 1/2”

	Part #	Description
☐	2340012419	1 1/2” Copper Manifold w/ 6 - 3/4” Branches
☐	2340012429	2” Copper Manifold w/ 6 - 3/4” Branches
☐	2340012329	1 1/2” Copper Manifold End Cap w/ Taps for Vent and Drain
☐	2340012339	2” Copper Manifold End Cap w/ Taps for Vent and Drain
	Mini-Ball Valve without Balancing Valve	
☐	2340015213	3/4” Female Sweat x 1/2” PE-RT/PEX Compression
☐	2340015214	3/4” Female Sweat x 5/8” PE-RT/PEX Compression
☐	2340015215	3/4” Female Sweat x 3/4” PE-RT/PEX Compression
	Mini-Ball Valve with Balancing Valve	
☐	2340015113	3/4” Female Sweat x 1/2” PE-RT/PEX Compression
☐	2340015114	3/4” Female Sweat x 5/8” PE-RT/PEX Compression
☐	2340015115	3/4” Female Sweat x 3/4” PE-RT/PEX Compression

Mini-Ball Valve with and without Balancing Valve:

Material - Body - Brass
Handle - Coated Zinc
Seal - Teflon®
Cv - 1/2” - 3 5/8” - 5 3/4” - 6
Working Pressures - 250psi/250ºF
IAPMO listed, CSA and NSF 61/9 Certified

Balancing Valve Data:



Effective Date: November 2011

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