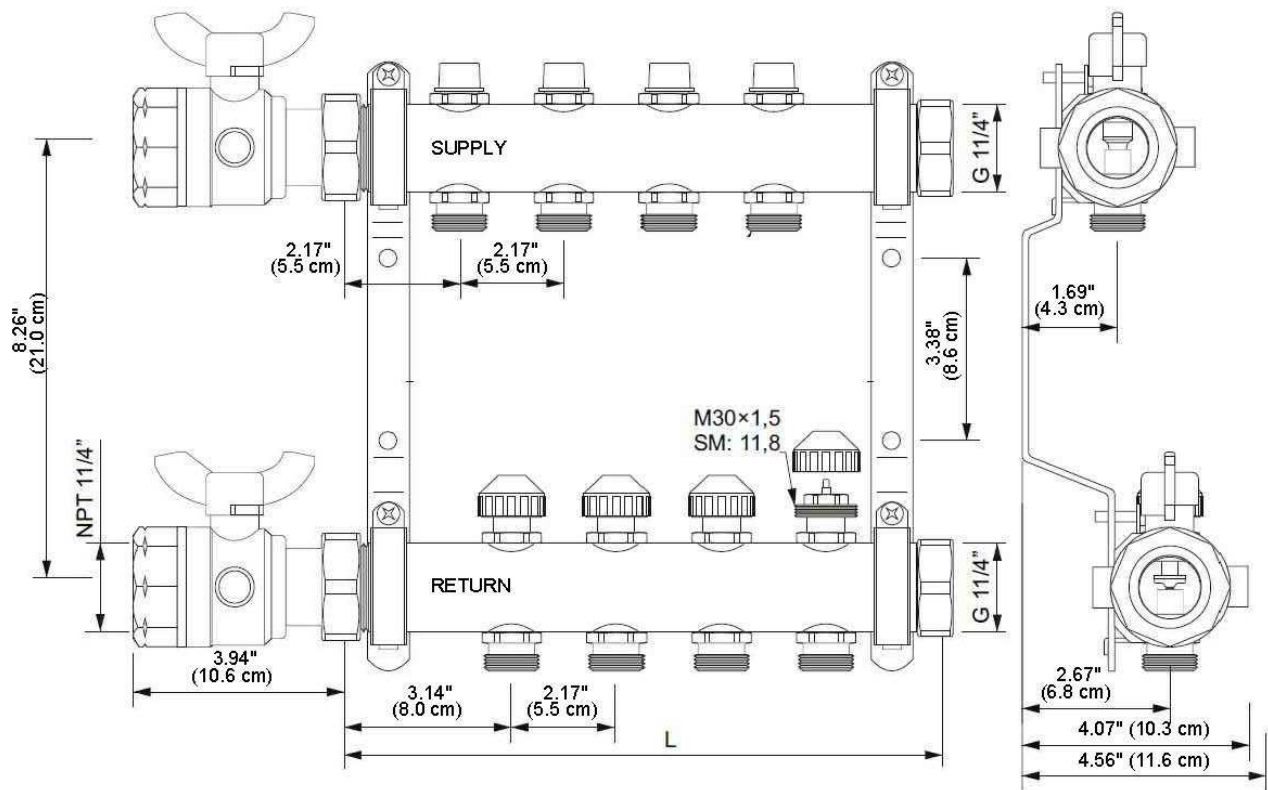


PRODUCT SUBMITTAL 205

Product: **HKV 1 1/4 in. Brass Manifold**

Date: **10 July 2013**



Article No.	No. of Outlets	L Length in (cm)
215528-001	4	11.81 (30.0)
215529-001	6	16.14 (41.0)

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TECHNICAL DESCRIPTION

Material	
Headers	Brass (CW 508L)
Ball valve casing and end piece set	Brass (CW 617N)
Valve casing, lower valve part and flow indicator casing	Brass (CW 614)
Valve shaft	Nickel-plated brass (CW 614)
Valve spring and flow indicator spring	Stainless steel 1.430
O-ring washers	EPDM 71 Shore A
Valve disk and valve head	EPDM 80 Shore A
Connection ball valve/end piece	AFM 34 Synthetic fiber based material
Connections	
Header ends	1 1/4 in. BSP parallel (straight) threads
Outlets	R-20 BSP parallel (straight) outside threads
Isolation valve	1 1/4 in. NPT female threads
Temperature / Pressure Capabilities	
Maximum operating temperature	176°F (80°C) @ 87 psi (6 bar)
Minimum operating temperature	14°F (-10°C) @ 145 psi (10 bar)
Maximum water test pressure (24 hrs. < 86°F (30°C) @ max. ambient temperature 104°F 40°C)	116 psi (8 bar)
Flow Rates	
Maximum flow rate	4.0 GPM per circuit; 40 GPM total (0.25 l/s per circuit; 2.52 l/s total)

FUNCTIONAL DESCRIPTION

Pre-assembled and factory pressure-tested, these manifolds are for use with 1 and 1 1/4 in. RAUGEO™ PEXa UV shield pipe using REHAU manifold connections (sold separately).

Each HKV 1 1/4 in. manifold comes complete with the following:

- Installation instructions
- 1 1/4 in. NPT supply and return manifold isolation ball valves with thermometer sockets and flat gaskets
- Two 1 1/4 in. BSPP brass end caps with gaskets
- Isolation valves on supply side
- Circuit balancing/isolation valves on return side
- Mounting brackets
- Four drywall screws
- Vent key
- Manifold circuit chart

Compatible with manifold valve actuator (Art. 260166), may be mounted in any orientation (e.g., inverted, horizontal, etc.), mini thermometers (Art. 250218) are sold separately.