

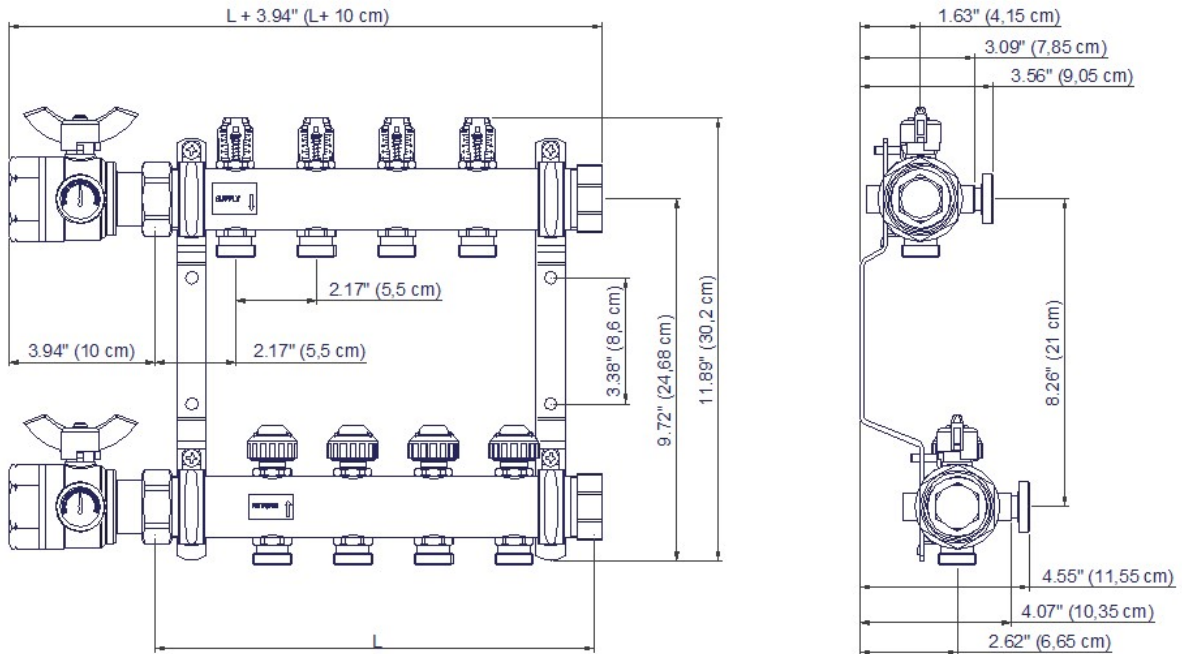
PRODUCT SUBMITTAL 207

PRO-BALANCE 1 1/4 in. Stainless Steel Manifold



Product: PRO-BALANCE® 1 1/4 in. Stainless Steel Manifold

Date: 01 August 2021



Article No.	No. of Outlets	Length in (cm)
343373-001	2	7.48 (19.0)
343374-001	3	9.65 (24.5)
343375-001	4	11.81 (30.0)
343376-001	5	13.98 (35.5)
343377-001	6	16.14 (41.0)
343378-001	7	18.31 (46.5)
343379-001	8	20.47 (52.0)
343381-001	9	22.64 (57.5)
343382-001	10	24.80 (63.0)
343383-001	11	26.97 (68.5)
343384-001	12	29.13 (74.0)

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TECHNICAL DESCRIPTION

Material	
Headers	Stainless steel DIN 1.430 (eq. ANSI 304)
Gaskets	AFM 34 synthetic fiber- based material
Isolation ball valves	Nickel plated brass, EPDM, polyamide, polyoxymethylene
Balancing valves	Nickel plated brass body, ANSI 304 shaft, polyamide and EPDM
Flow meters	Nickel plated brass, EPDM, polyamide, polyoxymethylene
Connections	
Header ends	1 1/4 in. BSPP (straight) threads
Outlets	R-20 BSPP (straight) outside threads
Isolation valve	1 1/4 in. NPT female threads
Temperature / Pressure Capabilities	
Maximum operating temperature range for 100% water	180°F (82.2°C) @ 87 psi (6 bar)
Minimum operating temperature	14°F (-10°C) @ 145 psi (10 bar)
Maximum water test pressure (for 24 hours <86°F (30°C) @ max ambient temperature 104°F (40°C)	150 psi (10.3 bar)
Maximum allowable differential pressure	44 psi (3 bar) as measured from isolation ball valves
Flow Rates	
Maximum flow rate	4.0 GPM per circuit; 40 USGPM total (0.25 l/s per circuit; 2.52 l/s total)

FUNCTIONAL DESCRIPTION

Pre-assembled and factory pressure-tested. For use with 10.1 mm and 3/8, 1/2, 5/8 and 3/4 in. RAUPEX® pipes using REHAU manifold connections (sold separately). Compatible with manifold valve actuator (Art. 260166). May be mounted in any orientation (e.g., inverted, horizontal, etc.).

Each PRO-BALANCE 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 end caps with gaskets
- Visual flow gauges (0-4 GPM) on supply side
- Circuit balancing/isolation valves on return side
- Mounting brackets
- Four drywall screws
- Vent key
- Manifold circuit chart

Mini thermometers (Art. 250218) are sold separately.

Liquid thread sealant should be used when reinstalling circuit balancing/isolation valves, flow meters or R-20 outlets. Thread sealant should be liquid, medium strength sealant.

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