

Infloor Stainless Steel Manifolds



Infloor pre-assembled stainless steel manifolds are a superior choice in hydronic radiant heating.

Stainless steel manifolds ensure high thermal comfort by allowing full control of design parameters and provide the perfect balancing of each outlet, avoiding any waste of energy.

Stainless steel is resistant to corrosion and to low or high temperatures; it is light, 100% recyclable, and complies with the strictest sanitary standards and with high aesthetic performance.

Benefits and Specifications

High Resistance to Corrosion

Absence of internal stresses due to cold processing (no stress corrosion cracking). Metallic continuity with the other components.

Extreme Lightness

Up to 50% lighter than a brass manifold of the same size.

High Flow Rate Levels

Up to 50% higher compared to compact manifolds made of composite material. Up to 20% higher compared to brass manifolds.

Good For High and Low Temperature Systems

Suitable for under-floor radiant heating systems and radiator systems.

High Mechanical Strength

AISI 304L steel features a tensile strength of 520 N/mm² - while CW614N brass (used for manifolds) features a tensile strength of 430 N/mm². Carries a 2 year warranty from the date of purchase.

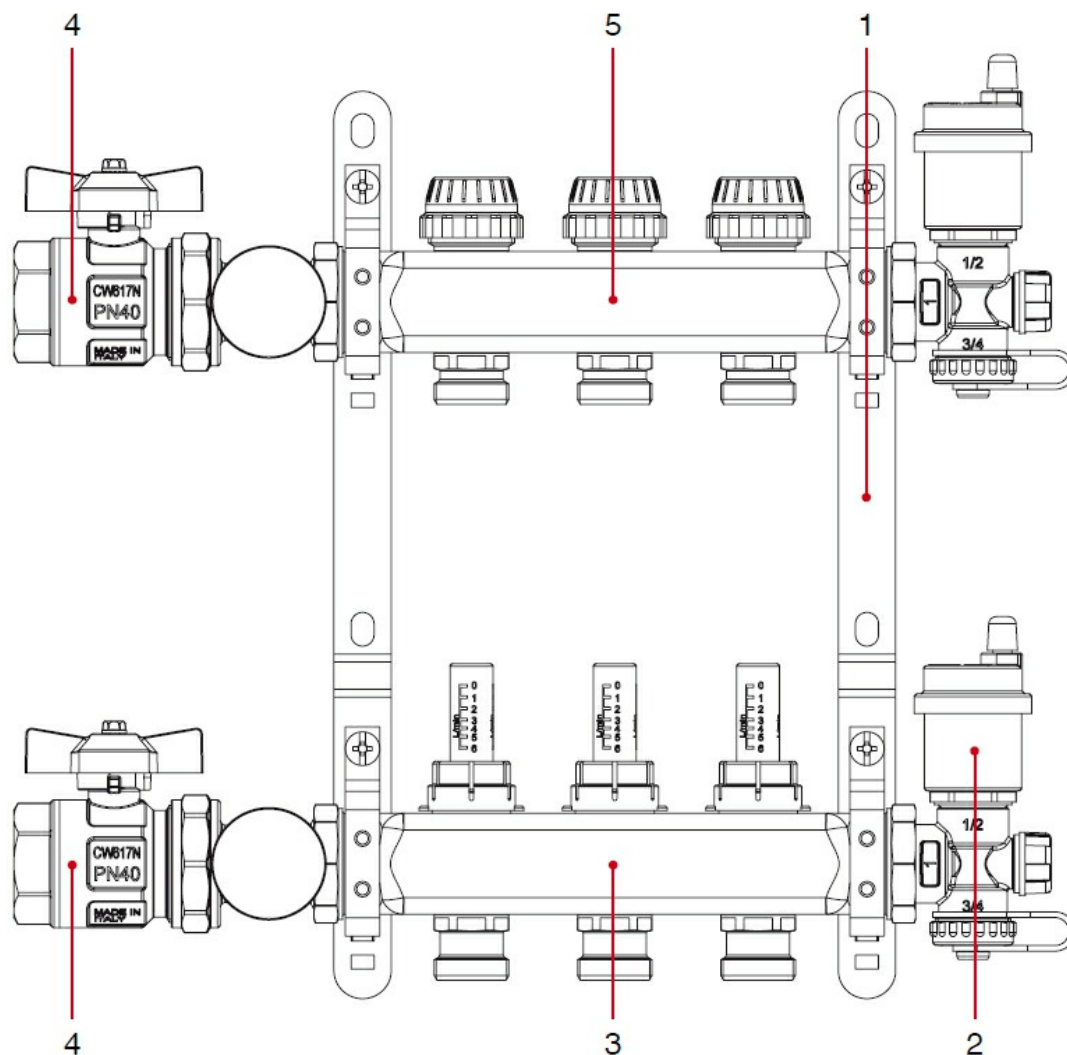
Each Pre-assembled Stainless Steel Manifold

Consists of:

- 1 return manifold in stainless steel AISI 304L with shut-off valves preset for electro-thermal actuators
- 1 flow manifold in stainless steel AISI 304L with flow meters
- 2 complete metal brackets
- 2 shut-off ball valves
- 2 unions with thermometers
- 2 end pieces with air vent valve and drain cock.
- Available on demand with deeper mounting brackets.
- Available size: 1"
- Maximum working pressure: 87 psi (145 psi for installation test)
- Maximum working temperature: 158°F
- Threads: ISO 228 (equivalent to DIN EN ISO 228 and BS EN ISO 228)
- Outlets: from 3 to 13, 3/4"
- Outlet center distance: 2"

Ask about the optional metal cabinet!

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POS.	DESCRIPTION	N.	MATERIAL
1	Mounting Brackets	1	Steel P11
2	Automatic Air Vent Group	2	Nickel-Plated Brass CW617N
3	Single Manifold with Flow Meters	1	Stainless Steel AISI 304L
4	Kit Form Manifolds	1	Nickel-Plated Brass CW617N
5	Single Manifold with Shut-off Valves	1	Stainless Steel AISI 304L