Infloor Stainless Steel Manifolds

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.

Design Freedom
Attach the manifold from the right or the left.

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!
## Infloor Stainless Steel Manifolds

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