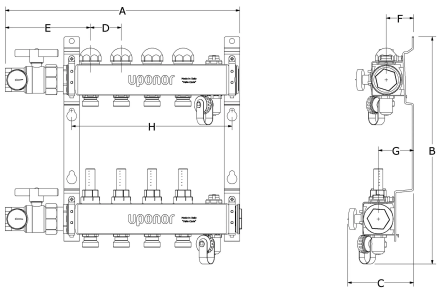
# Stainless-steel manifold assembly, 1" with flow meter

## Project information

| | |
|---|---|
| Job name: | Location: |
| Engineer: | Date submitted: |
| Contractor: | Submitted by: |
| Manufacturer's representative: | Approved by: |

## Technical data

| | |
|---|---|
| Material | Stainless Steel |
| Subcomponent Material | Manifold Components:<br>Brass CW614N-UNI EN12164, CW617N-UNI EN12165 |
| Manifold size | 1 inch |
| Loop Cv | 1.1 Cv |
| End type 1 | ISO 228-G 1-1/4" |
| End type 2 | ISO 228-G 3/4" |
| Temp/pressure ratings | 68 °F (20 °C) at 145 psi (10 bar)<br>158 °F (70 °C) at 87 psi (6 bar)<br>194 °F (90 °C) at 44 psi (3 bar) |
| Max. fluid flow rate | 14 gpm |
| Prop 65 label required? | Yes |




## Product information and application use

The 1" Stainless-steel Manifold Assembly with flow meter comes fully assembled and ready for installation. Use the included flow meters located on the supply manifold to balance the loops across the manifold. The return manifold comes equipped with isolation valves for easy loop isolation. For multiple zoning on the manifold, the black caps are removed and replaced with Uponor Thermal Actuators. The manifold body ends have R32 union connections and the loop outlets have R20 male threads. The included manifold supply and return ball valves come with an R32 x 1" NPT connection.

| | Part name | Part no. | A [inch] | B [inch] | C [inch] | D [inch] | E [inch] | F [inch] | G [inch] | H [inch] | Weight per UOM [lbs/UOM] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 4 loops | A2700402 | 15.097 | 14.119 | 3.842 | 1.969 | 5.488 | 1.55 | 2.05 | 10.2 | 11.16 |
| | Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 5 loops | A2700502 | 17.065 | 14.119 | 3.842 | 1.969 | 5.488 | 1.55 | 2.05 | 12.198 | 12.2 |
| | Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 7 loops | A2700702 | 21.002 | 14.119 | 3.842 | 1.969 | 5.488 | 1.55 | 2.05 | 16.149 | 12.22 |
| | Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 10 loops | A2701002 | 26.908 | 14.119 | 3.842 | 1.969 | 5.488 | 1.55 | 2.05 | 22.032 | 14.92 |
| ✔ | Stainless-steel Manifold Assembly, 1" with flow meter, B&I, ball valve, 12 loops | A2701202 | 30.845 | 14.119 | 3.842 | 1.969 | 5.488 | 1.55 | 2.05 | 25.994 | 16.72 |

## Installation

The 1" Stainless-steel Manifolds are fully assembled and ready for installation. Manifold assembly comes with mounting brackets, isolation valves, balancing valves, fill/purge ports, air vents, ball valves, temperature gauges and end caps. Manifold adapters and fittings are sold separately. For further information, refer to the Uponor Stainless-steel Manifold Installation Guide.

## Related applications

Radiant Heating and Cooling Systems

Permafrost Protection Systems

Turf Conditioning Systems

Hydronic Heating and Cooling Systems

## Footnotes

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## Contact information


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