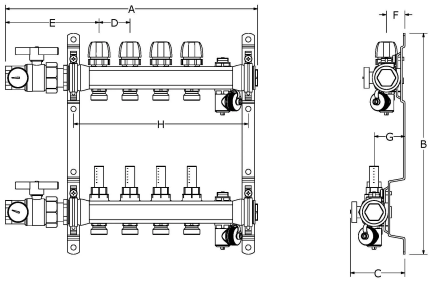
# Vario S 1" stainless-steel manifolds

## Project information

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

## Technical data

| | |
|---|---|
| Cv | 1.17 |
| Material | Stainless Steel |
| Manifold size | 1 inch |
| End type 1 | FNPT 1" |
| 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 | 16 gpm |
| Prop 65 label required? | Yes |




## Product information and application use

The Uponor Vario S 1" Manifolds are manufactured from durable, corrosion-resistant stainless steel and accommodate flows up to 16 gallons per minute (gpm) based on 3 psi manifold pressure drop for residential and commercial radiant heating and cooling applications. The preassembled manifolds come ready to install right out of the box and feature isolation valves, balancing valves with flow meters, and supply and return ball valves with 1" NPT thread and temperature gauges.

| | Part name | Part no. | A [inch] | B [inch] | C [inch] | D [inch] | E [inch] | F [inch] | G [inch] | H [inch] | Subcomponent Material | Weight per UOM [lbs/UOM] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Vario S 1" Manifold FM, 2 loops | A3700200 | 11.177 | 14.055 | 3.512 | 1.969 | 4.976 | 1.181 | 1.969 | 7.299 | Manifold Components: Brass | 9.2 |
| | Vario S 1" Manifold FM, 3 loops | A3700300 | 13.153 | 14.055 | 3.512 | 1.969 | 4.983 | 1.181 | 1.969 | 9.268 | Manifold Components: Brass | 10.4 |
| | Vario S 1" Manifold FM, 4 loops | A3700400 | 15.114 | 14.055 | 3.512 | 1.969 | 4.976 | 1.181 | 1.969 | 11.236 | Manifold Components: Brass | 11.16 |
| | Vario S 1" Manifold FM, 5 loops | A3700500 | 17.09 | 14.055 | 3.512 | 1.969 | 4.983 | 1.181 | 1.969 | 13.205 | Manifold Components: Brass | 12.2 |
| | Vario S 1" Manifold FM, 6 loops | A3700600 | 19.058 | 14.055 | 3.512 | 1.969 | 4.983 | 1.181 | 1.969 | 15.173 | Manifold Components: Brass | 13.25 |
| | Vario S 1" Manifold FM, 7 loops | A3700700 | 21.027 | 14.055 | 3.512 | 1.969 | 4.983 | 1.181 | 1.969 | 17.142 | Manifold Components: Brass | 12.22 |
| | Vario S 1" Manifold FM, 8 loops | A3700800 | 22.995 | 14.055 | 3.512 | 1.969 | 4.983 | 1.181 | 1.969 | 19.11 | Manifold Components: Brass CW614N-UNI EN12164, CW617N-UNI EN1216 | 13.12 |
| ✔ | Vario S 1" Manifold FM, 10 loops | A3701000 | 26.932 | 14.055 | 3.512 | 1.969 | 4.983 | 1.181 | 1.969 | 23.047 | Manifold Components: Brass | 14.92 |
| | Vario S 1" Manifold FM, 12 loops | A3701200 | 30.862 | 14.055 | 3.512 | 1.969 | 4.976 | 1.181 | 1.969 | 26.984 | Manifold Components: Brass | 16.72 |

## Installation

Refer to the Uponor Vario S 1" Manifold Instruction Sheet for complete details.

## Related applications

Radiant heating and cooling

## Notes

Maximum fluid flow rate of 16 gallons per minute (gpm) based on 3 psi manifold pressure drop.

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| Footnotes | Contact information | |
|---|---|---|
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