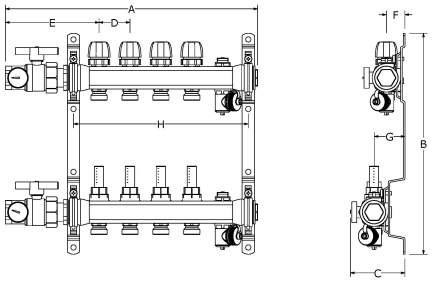
Vario S 1" stainless-steel manifolds

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) 158 °F (70 °C) at 87 psi (6 bar) 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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