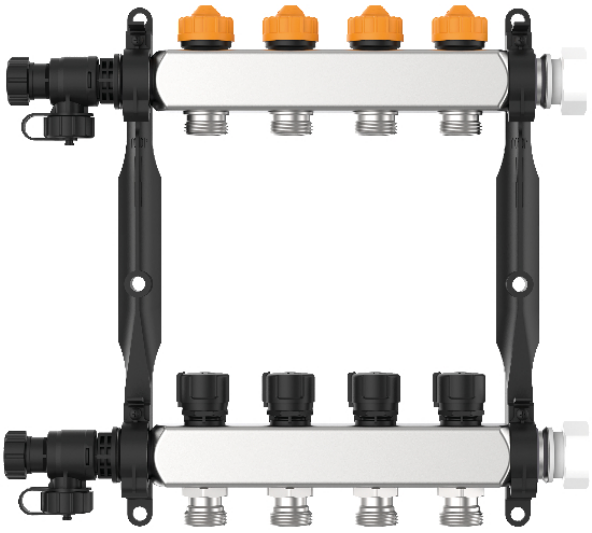


Stainless steel heating circuit manifold ProCalida® VA 1C Vario-DP 10 HK

Part no. 86430

Stainless steel heating circuit manifold

benefits

- dynamic control valves for constant control of the water volume
- fast and safe mounting with union nut (flat-sealing)
- sound-absorbing plastic wall bracket with quick mounting function
- 100 % tightness-tested and function-tested

Description

Stainless steel heating circuit manifold with polished surface. Return with dynamic control valve for constant control of the water volume in each heating circuit. Return valves with dual O ring seal at the valve axis. The control range is 20–340 l/h. The typical manual adjustment of the valves is therefore no longer required. Connection by means of angular connection pieces and/or ball valve G1. End module with filling and drain valve G¾ eurocone which can also be used for manual venting. Easy mounting by means of plastic wall bracket with excellent sound-absorbing characteristics and with quick mounting function – the manifold is snap-mounted to the wall bracket. Suitable for standard manifold cabinets. With a sufficient distance between the flow and return bars, for easy, collision-free mounting even in the case of large actuator and heating circuit pips up to 20 mm. AFRISO stainless steel manifold systems are 100 % tightness-tested and function-tested.

Technical Specifications

Number of heating/cooling circuits
10

Medium
Heating circuit water and cooling circuit water as per VDI 2035
(Water/glycol mixtures with an admixture of max. 50 %)

Test pressure
max. 6 bar

Manifold pipe
Stainless steel 304

Main connection
G1 flat-sealing, with union nut
Connection from the right or from the left

Connection heating/cooling circuit
G¾ male thread, eurocone
suitable for standard compression fittings

Operating temperature range
Medium: -20/+90 °C at 3 bar,
-20/+80 °C at 4 bar,
-20/+70 °C at 5 bar,
-20/+60 °C at 6 bar

wall bracket
impact-resistant plastic with rubber support,
complies with DIN 4109,
suitable for standard manifold cabinets
Bar distance: 220 mm

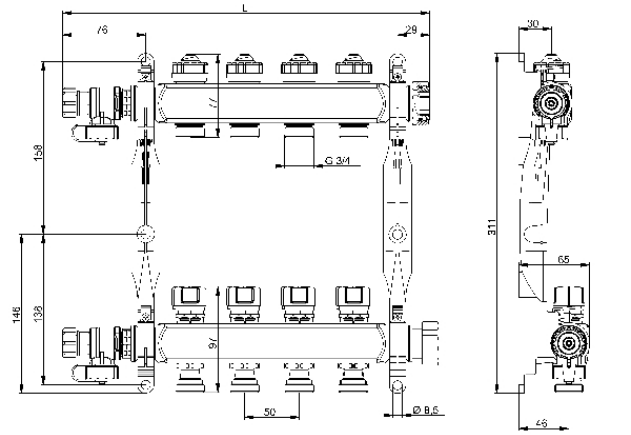
flow valves
can be shut off

dynamic return valves
mating thread: M 30 x 1.5 mm
Closing force: < 80 N
Closing dimension: 12 ± 0.6 mm
Closing dimension: (open position 15 mm)
Adjustment range: 20/340 l/h
Operating range: 50/700 mbar
dynamic control range: 150/700 mbar

Compatibility
suitable for electro-thermostatic actuators TSA-02/-03 from AFRISO or for standard actuators with union nut M30 x 1.5 mm

Technical Drawings

dimensions wit 4 heating/cooling circuits with end module



Dimensions (mm)

Dimensions (mm)

Aus-führung	2 HK	3 HK	4 HK	5 HK	6 HK	7 HK	8 HK	9 HK	10 HK	11 HK	12 HK
Distance wall bracket	130	180	230	280	330	380	430	480	530	580	630
Total length L manifold	236	286	336	386	436	486	536	586	636	686	736

Versions

		Part no.
Stainless steel heating circuit manifold ProCalida® VA 1C Vario-DP 10 HK	●	86430

● in-stock items

○ Non-stock items