



Kit made of flow manifold and return manifold with shut-off valves with protection cap for thermostatic insert

► CI 585 C - CI 588 C

Kit made of flow manifold with double micrometric adjustment lockshields, return manifold with shut-off valves with protection cap for thermostatic insert, brackets, additional connections for filling/drainage valves and air vent valves, EUROK connections.

■ PRESENTATION



AISI 304 stainless steel manifolds are suitable for distributing and controlling water in heating systems at low and high temperatures. The thickness of the material combined with the pressure testing of each manifold is synonymous with quality and assurance of successful operation on site. The threads of the connections to the headers are 1" female according to ISO 228 standard. The threads of the joints are made with brass inserts (CW617N, EUROKONUS). Manifolds can also be supplied in flow/return pairs, mounted on fastening brackets: return manifold features shut-off valves with protective cap for thermostatic insert, while flow manifold features double micrometric adjustment lockshields.

All IVAR stainless steel manifolds with 1" main connections can be misaligned, thanks to the new design with asymmetrical interaxes.

■ MATERIALS

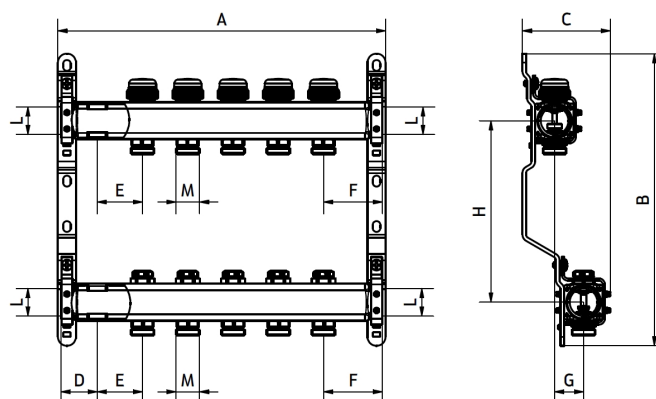
MANIFOLD

- Manifold body: stainless steel AISI 304
- Brass parts: CW 617 N
- Seal parts: peroxide EPDM
- Shut-off valve ball: PPA body; brass stem; steel spindle
- Protecting caps: ABS

■ TECHNICAL DETAILS

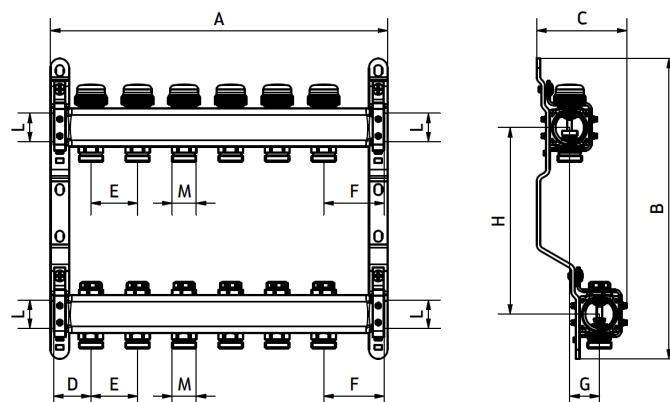
Max operating temperature	90 °C
Max operating pressure	10 bar

■ DIMENSIONS



Art.	Cod.	A	B	C	D	E	F	G	H	L	M
CI585C	503522	212	322	97	40	50	65	32	200	G1	G3/4
CI585C	503523	262	322	97	40	50	65	32	200	G1	G3/4
CI585C	503524	312	322	97	40	50	65	32	200	G1	G3/4
CI585C	503525	362	322	97	40	50	65	32	200	G1	G3/4
CI585C	503526	412	322	97	40	50	65	32	200	G1	G3/4
CI585C	503527	462	322	97	40	50	65	32	200	G1	G3/4
CI585C	503528	512	322	97	40	50	65	32	200	G1	G3/4
CI585C	503529	562	322	97	40	50	65	32	200	G1	G3/4
CI585C	503530	612	322	97	40	50	65	32	200	G1	G3/4
CI585C	503531	662	322	97	40	50	65	32	200	G1	G3/4
CI585C	503532	712	322	97	40	50	65	32	200	G1	G3/4

All indicated manifolds can be selected with a depth of 80 mm by adding the final suffix "P80" to the product code. product code.

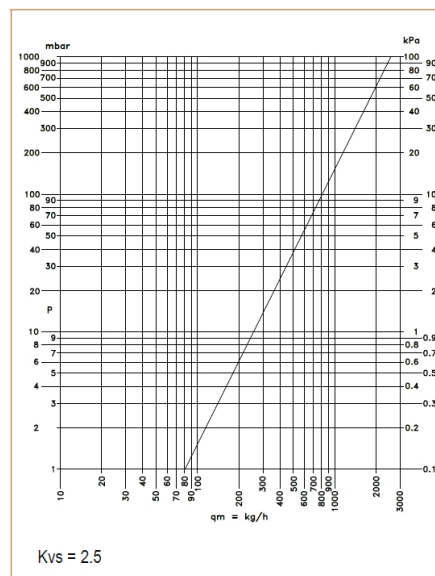
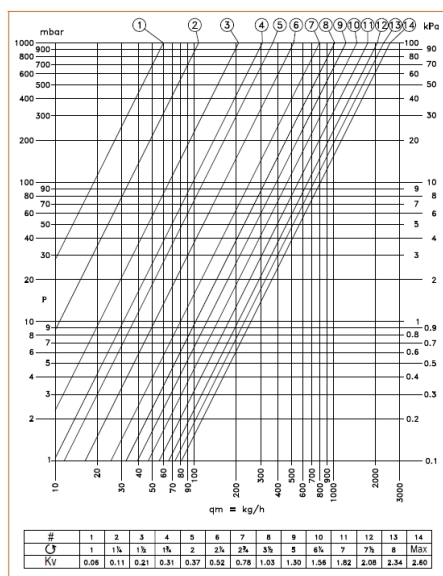


Art.	Cod.	A	B	C	D	E	F	G	H	L	M
CI588C	503572	162	322	97	40	50	65	32	200	G1	G3/4
CI588C	503573	212	322	97	40	50	65	32	200	G1	G3/4
CI588C	503574	262	322	97	40	50	65	32	200	G1	G3/4
CI588C	503575	312	322	97	40	50	65	32	200	G1	G3/4
CI588C	503576	362	322	97	40	50	65	32	200	G1	G3/4
CI588C	503577	412	322	97	40	50	65	32	200	G1	G3/4
CI588C	503578	462	322	97	40	50	65	32	200	G1	G3/4
CI588C	503579	512	322	97	40	50	65	32	200	G1	G3/4
CI588C	503580	562	322	97	40	50	65	32	200	G1	G3/4
CI588C	503581	612	322	97	40	50	65	32	200	G1	G3/4
CI588C	503582	662	322	97	40	50	65	32	200	G1	G3/4
CI588C	503583	712	322	97	40	50	65	32	200	G1	G3/4

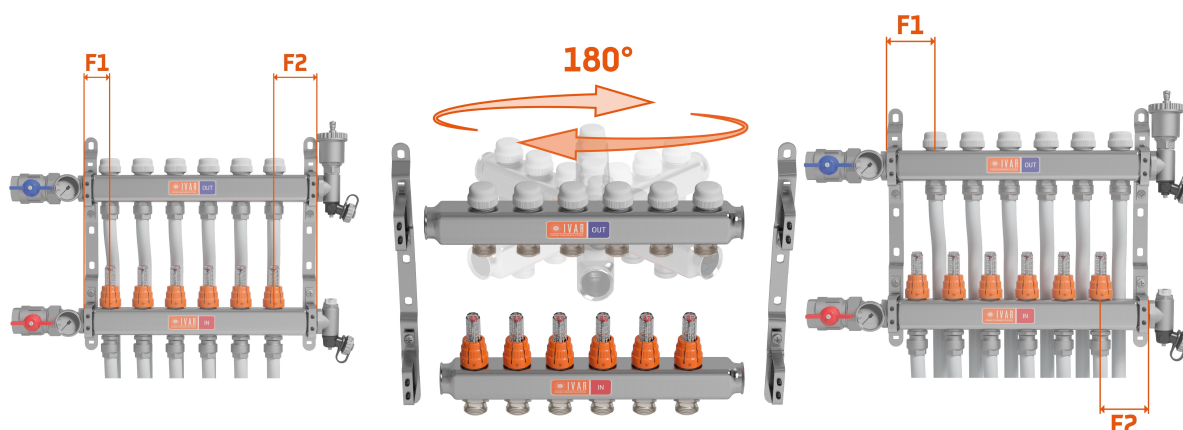
All indicated manifolds can be selected with a depth of 80 mm by adding the final suffix "P80" to the product code. product code.

■ HYDRAULIC FEATURES

CI 585 C - CI 588 C (1" version) - flow manifold (1 way) and delivery manifold (1 way)



■ CONSTRUCTION DETAILS



On versions of the 1-inch IVAR stainless steel manifolds, the F1 size is 40 mm and F2 is 65 mm. In the images above, a classic example of installation for a manifold kit consisting of flow and return is shown.

If you rotate one of the two manifolds 180°, you will get a misalignment of the outlets. This feature greatly facilitates the subsequent installation of the flow and return pipes.

■ SPECIFICATION SUMMARY

CI 585 C

Stainless steel manifold kit consisting of supply manifold with double micrometric lockshields with position memory, return manifold equipped with shut-off valves with thermostatically controlled screw, protection cap and brackets. Complete with additional way for installation of air vent valve and loading/unloading taps. Fluid used: water or glycol solutions (maximum glycol percentage 30%). Maximum working temperature: 90 °C. Maximum working pressure: 10 bar. Manifold body: AISI 304 stainless steel. Brass parts: brass CW617N. Gaskets and o-rings: peroxide EPDM. Thermostatic screw: PPA body; brass rod CW617N; AISI 316L stainless steel pin. Protection cap: ABS. Centre distance: 50 mm. Main connections: 1" F compliant with ISO 228-1. Outlets: EUROK. Standard installation depth: 110 mm. Reduced installation depth: 80 mm (suffix P80). Number of ways: 2-13.

CI 588 C

Stainless steel manifold kit consisting of flow manifold with double micrometric lockshields with position memory, return manifold equipped with shut-off valves with thermostatically controlled screw, protection cap and brackets. Operating fluid: water or glycol solutions (maximum glycol percentage 30%). Maximum working temperature: 90 °C. Maximum working pressure: 10 bar. Manifold body: AISI 304 stainless steel. Brass parts: brass CW617N. Gaskets and o-rings: peroxide EPDM. Thermostatic screw: PPA body; brass rod CW617N; AISI 316L stainless steel pin. Protection cap: ABS. Centre distance: 50 mm. Main connections: 1" F compliant with ISO 228-1. Outlets: EUROK. Standard installation depth: 110 mm. Reduced installation depth: 80 mm (suffix P80). Number of ways: 2-13.

■ CODES

CI 585 C

	Ways	Size	Deep
503522P80	2	1" x EUROK	80 mm
503523P80	3	1" x EUROK	80 mm
503524P80	4	1" x EUROK	80 mm
503525P80	5	1" x EUROK	80 mm
503526P80	6	1" x EUROK	80 mm
503527P80	7	1" x EUROK	80 mm
503528P80	8	1" x EUROK	80 mm
503529P80	9	1" x EUROK	80 mm
503530P80	10	1" x EUROK	80 mm
503531P80	11	1" x EUROK	80 mm
503532P80	12	1" x EUROK	80 mm

	Ways	Size	Deep
503522	2	1" x EUROK	110 mm
503523	3	1" x EUROK	110 mm
503524	4	1" x EUROK	110 mm
503525	5	1" x EUROK	110 mm
503526	6	1" x EUROK	110 mm
503527	7	1" x EUROK	110 mm
503528	8	1" x EUROK	110 mm
503529	9	1" x EUROK	110 mm
503530	10	1" x EUROK	110 mm
503531	11	1" x EUROK	110 mm
503532	12	1" x EUROK	110 mm

CI 588 C

	Ways	Size	Deep
503572P80	2	1" x EUROK	80 mm
503573P80	3	1" x EUROK	80 mm
503574P80	4	1" x EUROK	80 mm
503575P80	5	1" x EUROK	80 mm
503576P80	6	1" x EUROK	80 mm
503577P80	7	1" x EUROK	80 mm
503578P80	8	1" x EUROK	80 mm
503579P80	9	1" x EUROK	80 mm
503580P80	10	1" x EUROK	80 mm
503581P80	11	1" x EUROK	80 mm
503582P80	12	1" x EUROK	80 mm

	Ways	Size	Deep
503572	2	1" x EUROK	110 mm
503573	3	1" x EUROK	110 mm
503574	4	1" x EUROK	110 mm
503575	5	1" x EUROK	110 mm
503576	6	1" x EUROK	110 mm
503577	7	1" x EUROK	110 mm
503578	8	1" x EUROK	110 mm
503579	9	1" x EUROK	110 mm
503580	10	1" x EUROK	110 mm
503581	11	1" x EUROK	110 mm
503582	12	1" x EUROK	110 mm

IVAR S.p.A.

Via IV Novembre, 181

25080 Prevalle (BS), Italy

T. +39 030 68028 – F. +39 030 68 01 329

info@ivar-group.com – www.ivar-group.com

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