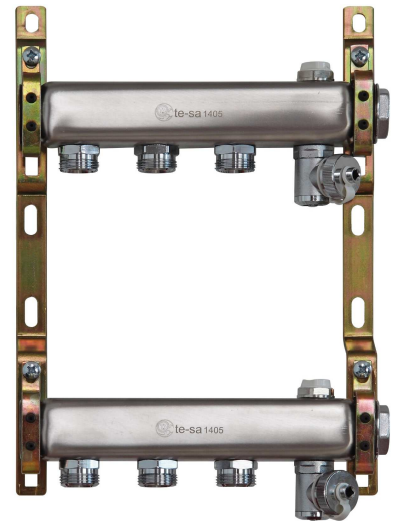


STAINLESS STEEL DISTRIBUTION MANIFOLD

Application

The 220ABM2-D **te-sa** pre-assembled distribution manifolds are designed for the distribution and regulation of heat transfer fluid in heating and conditioning systems.

Made of Stainless Steel material, they are ideally suited to radiator heating systems and fan coil units distribution systems, with condensing boilers, traditional boilers, or heating district distributions. The manifold when completed with insulation is usable for conditioning systems. The particular design of the manifold features a great flow section with reduced pressure drops and consequently lower energy consumption in the circulator pumps. The big flow section of these manifolds permits to the water to reduce its speed, with the result to have very low noises produced. Beautiful to see is strong, reliable and corrosion resistant in the ordinary applications.



Configuration and available sizes

Pre-assembled on brackets, it is a distribution manifold with 3/4" Eurocone loop connections with centre distance 50 mm. It is equipped with manual air vent valves, fill and drain valves with hose connection G3/4 and end plugs. The manifold can be completed with the available accessories, as for example ball valves and cabinet. The manifold is packaged in carton box with labels included to identify the circuits connected.

1" inlet connection

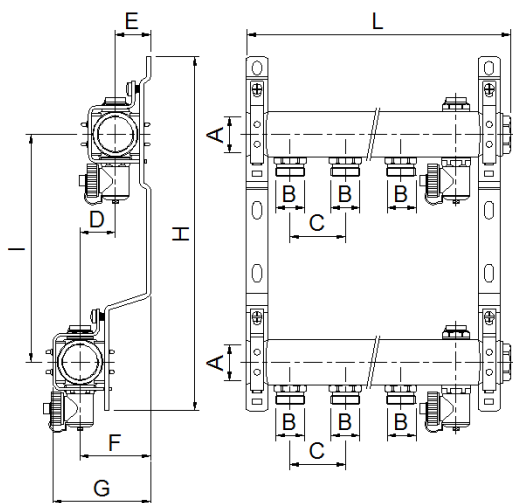
220ABM2-06-02D	2 Loops
220ABM2-06-03D	3 Loops
220ABM2-06-04D	4 Loops
220ABM2-06-05D	5 Loops
220ABM2-06-06D	6 Loops
220ABM2-06-07D	7 Loops
220ABM2-06-08D	8 Loops
220ABM2-06-09D	9 Loops
220ABM2-06-10D	10 Loops
220ABM2-06-11D	11 Loops
220ABM2-06-12D	12 Loops



Technical data

- Manifold barrel made of Stainless Steel EN 1.4301 - AISI304 UNI-EN 10088
- Manifold components made of Brass Alloy UNI-EN12164 CW614N and UNI-EN12165 CW617N chrome plated
- Manifold body size: 1"
- Maximum Operating Pressure 10 bar
- Operating Temperature 2 ÷ 85°C
- Maximum Test Pressure 16 bar
- Maximum glycol percentage 50%
- KV factor single manifold barrel KV = 4,9
- KV factor combination Supply + Return KV = 3,5

Dimensions



Art.	A	B	C	D	E	F	G	H	I	L
220ABM2-06-02D	1"	3/4"	50	32	32	64	95	320	206	180
220ABM2-06-03D	1"	3/4"	50	32	32	64	95	320	206	240
220ABM2-06-04D	1"	3/4"	50	32	32	64	95	320	206	290
220ABM2-06-05D	1"	3/4"	50	32	32	64	95	320	206	340
220ABM2-06-06D	1"	3/4"	50	32	32	64	95	320	206	390
220ABM2-06-07D	1"	3/4"	50	32	32	64	95	320	206	440
220ABM2-06-08D	1"	3/4"	50	32	32	64	95	320	206	490
220ABM2-06-09D	1"	3/4"	50	32	32	64	95	320	206	540
220ABM2-06-10D	1"	3/4"	50	32	32	64	95	320	206	590
220ABM2-06-11D	1"	3/4"	50	32	32	64	95	320	206	640
220ABM2-06-12D	1"	3/4"	50	32	32	64	95	320	206	690

Accessories



305TK/1 Pair of straight full port ball valves, with union connection with O-Ring seal, completed with thermometer scale 0÷80°C. Available sizes 1" and 1-1/4".



350TK/1 Pair of angle full port ball valves, with union connection with O-Ring seal, completed with thermometer scale 0÷80°C. Available size 1".



208 – 216T – 217T Compression fittings with nut threaded 3/4" Eurocone, to connect copper pipes, polyethylene pipes and multilayer pipes at the manifolds. Available for the main commercial sizes of pipes.



256 Intermediate unit for manifolds completed with automatic air vent, thermometer, and charge/discharge valve. O-ring seal on connection with swivel nut. Available size 1".



213 Chrome plated brass end plug. O-ring seal on connection. Available sizes 1" and 1-1/4".



211N11 Full painted metal cabinet with key on door for embedded installation. Dimensions: 45 cm Height, 11÷15 cm Depth, 40-60-80-100-120 cm Width.