

STAINLESS STEEL DISTRIBUTION MANIFOLD

Application

The 208ADM 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 radiant panel heating systems, but also for traditional radiator heating systems with condensing boilers. The manifold when completed with its preformed 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 the eye, it is strong, reliable and corrosion resistant in the ordinary applications.



Configuration and available sizes

It is a distribution manifold with 3/4" M Eurocone loop connections, centre distance 50 mm, with micrometric interception and balancing lockshields. It can be mounted both on the supply and on return of the connected circuits. This manifold is combined with end plugs or end pieces completed of air vent valves and fill and drain valves.

1" inlet connection

208ADM-06-02	1 Loop
208ADM-06-02	2 Loops
208ADM-06-03	3 Loops
208ADM-06-04	4 Loops
208ADM-06-05	5 Loops
208ADM-06-06	6 Loops
208ADM-06-07	7 Loops
208ADM-06-08	8 Loops
208ADM-06-09	9 Loops
208ADM-06-10	10 Loops
208ADM-06-11	11 Loops
208ADM-06-12	12 Loops
208ADM-06-13	13 Loops

1-1/4" inlet connection

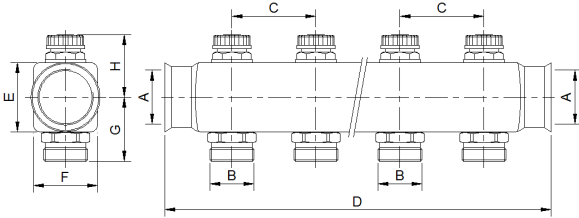
208ADM-07-01	1 Loop
208ADM-07-02	2 Loops
208ADM-07-03	3 Loops
208ADM-07-04	4 Loops
208ADM-07-05	5 Loops
208ADM-07-06	6 Loops
208ADM-07-07	7 Loops
208ADM-07-08	8 Loops
208ADM-07-09	9 Loops
208ADM-07-10	10 Loops
208ADM-07-11	11 Loops
208ADM-07-12	12 Loops
208ADM-07-13	13 Loops



Technical data

- Manifold barrel made of Stainless Steel EN 1.4301-AISI304 UNI-EN 10088
- Manifold components made of Brass alloy UNI-EN 12164 CW614N
- Manifold body size: 1" and 1-1/4"
- Supply manifold with micrometric balancing lockshields maneuverable by using 5 mm Allen key, equipped with protection caps to avoid intrusion of powders that could reduce the operating capacity in the time
- Maximum Operating Pressure 10 bar
- Operating Temperature 0 ÷ 85 °C
- Maximum Test Pressure 16 bar
- Maximum glycol percentage 30%
- KV factors in wide open conditions: size 1" KV=4,42 ; size 1-1/4" KV=4,58
- KV factors of the balancing lockshield referred to the opening turns are available

Dimensions



Art.	A	B	C	D	E	F	G	H
208ADM-06-01	1"	3/4"	-	80	41	39	38	40
208ADM-06-02	1"	3/4"	50	130	41	39	38	40
208ADM-06-03	1"	3/4"	50	180	41	39	38	40
208ADM-06-04	1"	3/4"	50	230	41	39	38	40
208ADM-06-05	1"	3/4"	50	280	41	39	38	40
208ADM-06-06	1"	3/4"	50	330	41	39	38	40
208ADM-06-07	1"	3/4"	50	380	41	39	38	40
208ADM-06-08	1"	3/4"	50	430	41	39	38	40
208ADM-06-09	1"	3/4"	50	480	41	39	38	40
208ADM-06-10	1"	3/4"	50	530	41	39	38	40
208ADM-06-11	1"	3/4"	50	580	41	39	38	40
208ADM-06-12	1"	3/4"	50	630	41	39	38	40
208ADM-06-13	1"	3/4"	50	680	41	39	38	40

Art.	A	B	C	D	E	F	G	H
208ADM-07-01	1 1/4"	3/4"	-	80	50	48	42	44
208ADM-07-02	1 1/4"	3/4"	50	130	50	48	42	44
208ADM-07-03	1 1/4"	3/4"	50	180	50	48	42	44
208ADM-07-04	1 1/4"	3/4"	50	230	50	48	42	44
208ADM-07-05	1 1/4"	3/4"	50	280	50	48	42	44
208ADM-07-06	1 1/4"	3/4"	50	330	50	48	42	44
208ADM-07-07	1 1/4"	3/4"	50	380	50	48	42	44
208ADM-07-08	1 1/4"	3/4"	50	430	50	48	42	44
208ADM-07-09	1 1/4"	3/4"	50	480	50	48	42	44
208ADM-07-10	1 1/4"	3/4"	50	530	50	48	42	44
208ADM-07-11	1 1/4"	3/4"	50	580	50	48	42	44
208ADM-07-12	1 1/4"	3/4"	50	630	50	48	42	44
208ADM-07-13	1 1/4"	3/4"	50	680	50	48	42	44

Accessories



208AVTT Return manifold with thermostatisable interception valves equipped with knobs. Available sizes 1" and 1-1/4".



221K Couple of wall zinc plated steel brackets for manifolds



305NTK/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".



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".



650A Pre-formed insulation shells for manifolds, consisting of two half-shells (front and back). Material: PE-X closed-cell foam. Available sizes 1" and 1-1/4".



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.



254CD End piece for manifolds completed with automatic air vent valve and charge/discharge valve. O-ring seal on connection. Available size 1".



213 End plug made of chrome plated brass with O-ring seal. Available sizes 1" and 1-1/4".



254GCD End piece for manifolds completed with manual air vent valve and charge/discharge valve. O-ring seal on connection. Available size 1".



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.