

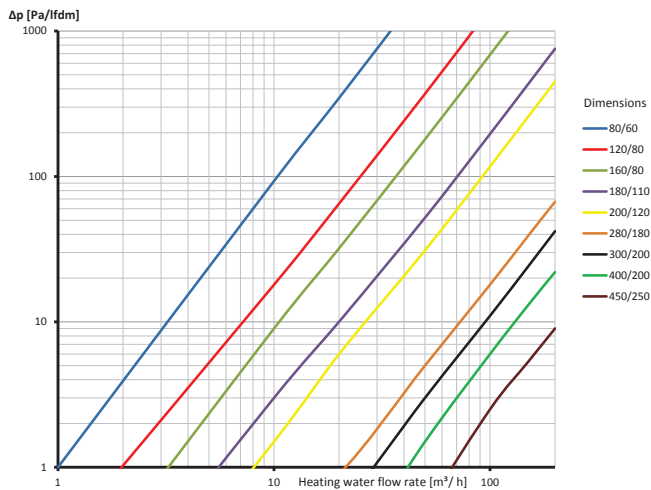
Technical data sheet

Single-chamber manifold rectangular tube

Single-chamber manifold/collector welded from black sheet steel S235. Nozzles configured as threaded and/or flanged nozzles PN 6/PN 16 aligned to the height of the shut-off valves. Nozzles at the top, side or underneath. Drainage bushing ½" is provided as standard. The single-chamber manifold is 100% tightness tested and primed before leaving the factory.

Pressure loss in the manifold chamber

Pressure loss diagram to show the corresponding pressure loss dependent on the water throughput for the given chamber size.



Manufacturer certification

Description	Single-chamber manifold rectangular tube
Design pressure	up to 6 bar
Design temperature	0/+110 °C
Design procedure	Article 4, Paragraph 3
Manufacturer	Sinusverteiler GmbH Dieselweg 2 48493 Wetringen/Germany

We declare under our sole responsibility that the pressure equipment meets the requirements of Directive 2014/68/EU. This product was manufactured in accordance with the principles of GEP "Good Engineering Practice".

Type	Power at ΔT 20 K	Heating water flow rate	Water capacity	Main body weight	Largest nozzle	Nozzle spacing	Wall thickness
[WxH]	[kW]	[m³/h]	[litres/running metre]	[kg/running metre]	[DN]	[mm]	[mm]
80/60	135	5.8	4.1	5.3	50	variable	2.5
120/80	320	13.8	8.0	12.0	80	variable	4.0
160/80	430	18.5	10.9	14.6	100	variable	4.0
180/110	600	28.5	17.5	17.7	125	variable	4.0
200/120	800	34.5	21.5	19.6	150	variable	4.0
280/180	1,680	72.6	45.0	42.2	150	variable	6.0
300/200	2,000	86.4	54.1	46.0	200	variable	6.0
400/200	2,675	115.2	72.9	55.4	250	variable	6.0
450/250	3,760	162.0	101.5	64.8	300	variable	8.0