

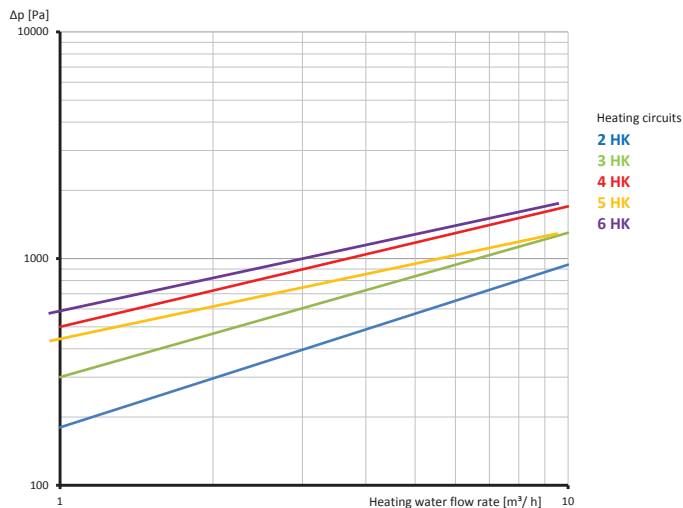
## Technical data sheet

# Small manifold 120/80 with union nut – Nozzle spacing 130 mm

Combined flow and return manifold consisting of rectangular tubing with flow and return chambers made of black sheet steel S235 arranged adjacent to one another and separated by sinusoidal parting wall. The small manifold is 100% tightness tested and primed before leaving the factory.

## Pressure loss in flow and return

Pressure loss diagram to show the corresponding pressure loss dependent on the water throughput for the given number of heating circuits.



### Manufacturer certification

Description	Small manifold 120/80
Design pressure	up to 4 bar
Design temperature	0/+110 °C
Design procedure	Article 4, Paragraph 3
Manufacturer	Sinusverteiler GmbH Dieselweg 2 48493 Wettringen/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".

Number Heating circuits	Length	Power at ΔT 20 K	Heating water flow rate	Water capacity Manifold	Heat transfer at 70 °/50 °C		Return increase	Heating circuit/boiler circuit connection	Nozzle spacing in the heating circuit/between heating circuits	Wall thickness
					[kW]	[%]				
[HK]	[mm]	[kW]	[m³/h]	[litres/running metre]	[kW]	[%]	[K]	[inches]	[mm]	[mm]
2	520	150	6.5	4.3	1.5	1.0	0.2	Flat-sealing rim and 1 ½" cap nut/2" external thread	130/160	3
3	810	150	6.5	6.8	2.3	1.5	0.3	Flat-sealing rim and 1 ½" cap nut/2" external thread	130/160	3
4	1,100	150	6.5	9.2	3.0	1.9	0.4	Flat-sealing rim and 1 ½" cap nut/2" external thread	130/160	3
5	1,390	150	6.5	11.6	3.7	2.4	0.5	Flat-sealing rim and 1 ½" cap nut/2" external thread	130/160	3
6	1,680	150	6.5	14.1	4.5	2.9	0.6	Flat-sealing rim and 1 ½" cap nut/2" external thread	130/160	3