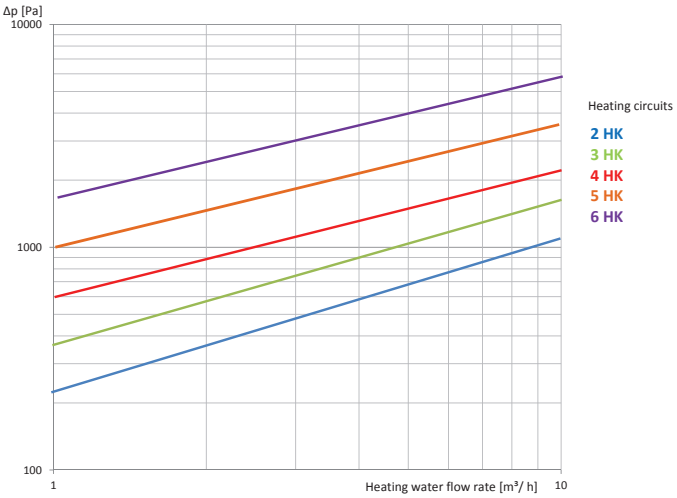
Technical data sheet

# Small manifold 80/60 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 80/60 |
| Design pressure | up to 4 bar |
| Design temperature | 0/+110 °C |
| Design procedure | Article 4, Paragraph 3 |
| Manufacturer | Sinusverteiler GmbH<br>Dieselweg 2<br>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 thick-ness |
|---|---|---|---|---|---|---|---|---|---|---|
| [HK] | [mm] | [kW] | [m³/h] | [litres/running metre] | [kW] | [%] | [K] | [in inches] | [mm] | [mm] |
| 2 | 520 | 70 | 3.0 | 2.1 | 1.1 | 1.6 | 0.3 | Flat-sealing rim and 1 ½'' cap nut/ 1 ½'' external thread flat seal | 130/160 | 2.5 |
| 3 | 810 | 70 | 3.0 | 3.3 | 1.6 | 2.3 | 0.4 | Flat-sealing rim and 1 ½'' cap nut/ 1 ½'' external thread flat seal | 130/160 | 2.5 |
| 4 | 1,100 | 70 | 3.0 | 4.5 | 2.2 | 3.2 | 0.6 | Flat-sealing rim and 1 ½'' cap nut/ 1 ½'' external thread flat seal | 130/160 | 2.5 |
| 5 | 1,390 | 70 | 3.0 | 5.7 | 2.7 | 3.9 | 0.8 | Flat-sealing rim and 1 ½'' cap nut/ 1 ½'' external thread flat seal | 130/160 | 2.5 |
| 6 | 1,680 | 70 | 3.0 | 6.9 | 3.3 | 4.7 | 0.9 | Flat-sealing rim and 1 ½'' cap nut/ 1 ½'' external thread flat seal | 130/160 | 2.5 |