

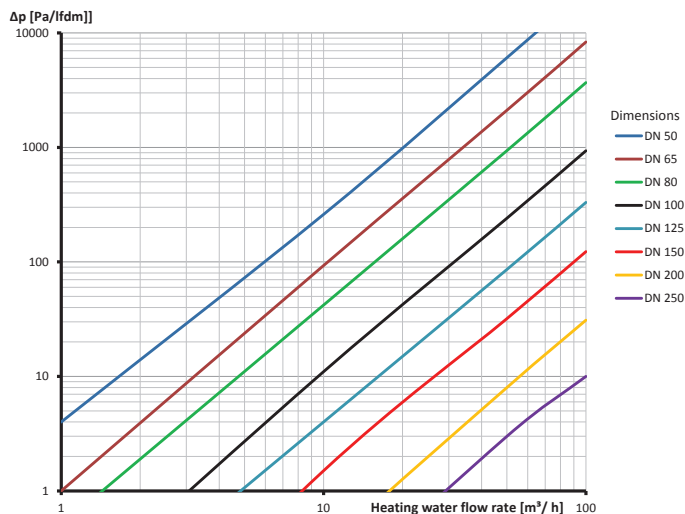
Technical data sheet

LegioNixx – Stainless steel manifold for potable water

LegioNixx potable water manifold without dead zones, to prevent the proliferation of Legionella. Stainless steel manifold in accordance with EN 10217-7/DIN EN ISO 1127 WIG-welded, bath-etched and passivated. Material 1.4571. Manifold with concentric reducers at the ends and/or 90° bends directed upwards. Nozzles in the form of tube nozzles (smooth ends for pressing), bushing/threaded nozzles or flanged nozzles PN 10/16 aligned to the height of the shut-off valves. Nozzles at the top, side or underneath. The stainless steel manifold is 100% tightness tested and primed before leaving the factory. Fitted with dished boiler ends for use outside the area of potable water.

Pressure loss in the manifold chamber

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



Manufacturer certification

Description	LegioNixx stainless steel manifold for potable water
Design pressure	up to 10 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".

Size	Dimensions	Flow rate at 1.5 m/s	Water capacity Main body	Main body weight	Nozzle spacing	Wall thickness
[DN]	[mm]	[m ³ /h]	[litres/running metre]	[kg/running metre]	[mm]	[mm]
50	60.3x2.0	13.5	2.5	2.9	variable	2.0
65	76.1x2.0	22.1	4.1	3.7	variable	2.0
80	88.9x2.0	30.6	5.7	4.3	variable	2.0
100	114.3x2.6	50.5	9.3	7.3	variable	2.6
125	139.7x2.6	76.6	14.2	8.9	variable	2.6
150	168.3x2.6	112.8	20.8	10.8	variable	2.6
200	219.1x3.0	192.0	35.6	16.2	variable	3.0
250	273.0x3	302.0	55.9	20.3	variable	3.0
300	323.9x3	420.0	79.3	24.2	variable	3.0
350	355.6x3.0	510.0	95.9	26.5	variable	3.0
400	406.0x3.0	670.0	125.6	30.7	variable	3.0