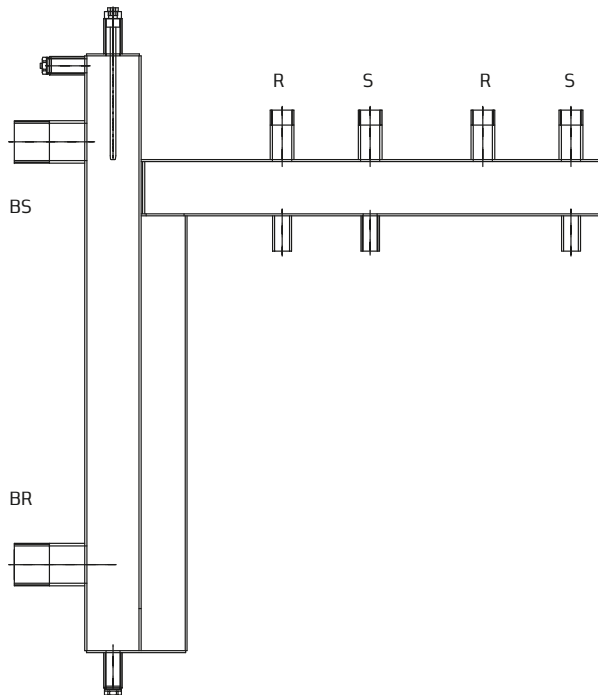


Technical data

# Hydronic Unit 120/80 with NPT Manifold with Hydronic Junction

Hydronic junction with directly welded sinus manifold made of square profiles 80/60, 37-2 steel with welded endpieces. Hydronic junction consisting of a vertical, rectangular chamber with two lateral 2" NPT-threaded pipe nipples for the connection of the heat source as well as 1/2" couplings for air purging, sensor and draining. 1" NPT for connecting the heating circuits. Sinus manifold as combined flow and return manifold with adjacent chambers divided by a sinusoidal parting wall. Connection of junction and manifold by directly welded flow pipe; connection of return pipe by square profile running vertically parallel to the junction. Additional 1/2" coupling in the lower secondary flow pipe. The Sinus Hydronic Unit was pressure tested and primed in our factory.

Contact certification	
Type	Hydronic Unit 120/80
Operating pressure	max. 4 bar or 58 psi
Operating temperature	max. 110°C or 230°F
Contact	Sinus North America 321 Shoemaker St Kitchener, ON, N2E 3B3 CANADA



Number of heating circuits	Length		Weight		Heating water flow rate		Connection to heating circuit / Connection to boiler circuit	Pipe distance (OC)		Wall thickness	
	[HC]	[mm]	[in inch]	[kg]	[lbs]	[m³/h]		[gpm]	[in inch]	[mm]	[in inch]
2	840	33.1	19.5	42.9	7.0	30.8	1" NPT/ 2" NPT	125	4 15/16"	2.5	1/10"
3	1,125	44.3	22.0	48.4	7.0	30.8	1" NPT/ 2" NPT	125	4 15/16"	2.5	1/10"
4	1,410	55.5	24.5	53.9	7.0	30.8	1" NPT/ 2" NPT	125	4 15/16"	2.5	1/10"
5	1,695	66.7	27.5	60.5	7.0	30.8	1" NPT/ 2" NPT	125	4 15/16"	2.5	1/10"