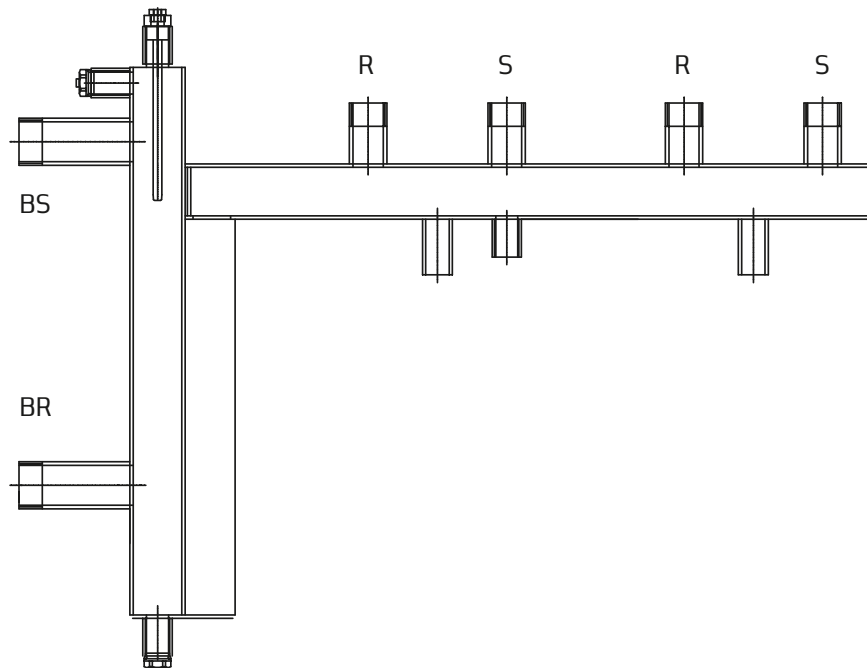


Technical data

Hydronic Unit 80/60 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 1 1/4" 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 80/60
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]	[mm]
2		775	30.5	11.5	25.3	3.0	13.2	1" NPT / 1 1/4" NPT	125	4 15/16"	2.5	1/10"
3		1,060	41.7	13.5	29.7	3.0	13.2	1" NPT / 1 1/4" NPT	125	4 15/16"	2.5	1/10"
4		1,345	53.0	15.5	34.1	3.0	13.2	1" NPT / 1 1/4" NPT	125	4 15/16"	2.5	1/10"
5		1,630	64.2	18.0	39.6	3.0	13.2	1" NPT / 1 1/4" NPT	125	4 15/16"	2.5	1/10"