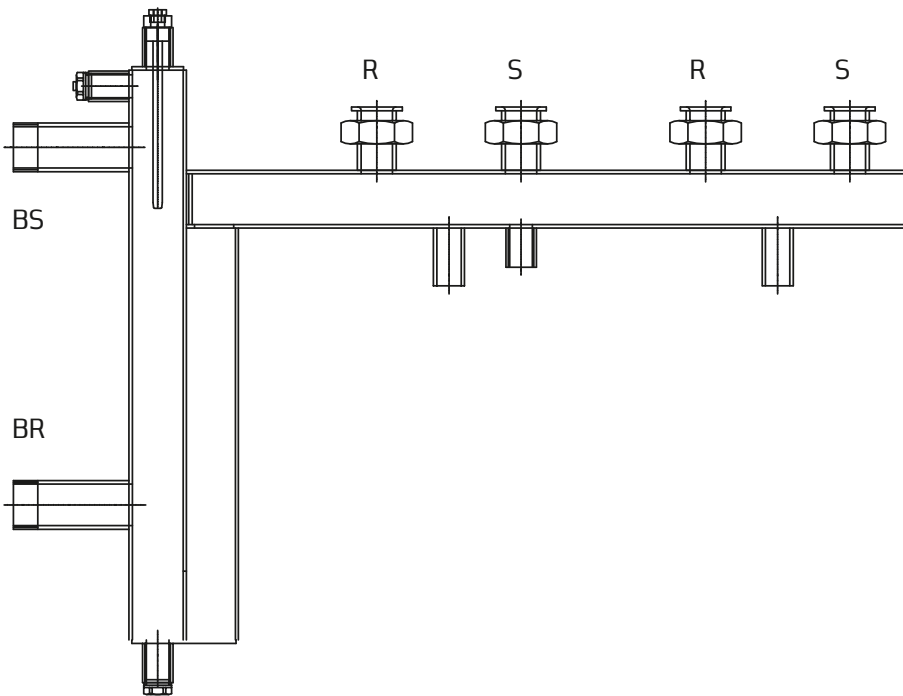


Technical data

Hydronic Unit 80/60 with union nut 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. G 1 1/2" union nut 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 1/2" union nut / 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 1/2" union nut / 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 1/2" union nut / 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 1/2" union nut / 1 1/4" NPT	125	4 15/16"	2,5	1/10"