

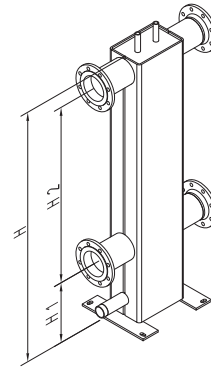
## Technical data

# Hydronic Junction Type I

(boiler connections are joined in front of the Hydronic Junction)

Hydronic Junction, consisting of a vertical rectangular chamber made of hollow square profile S235 with welded-in top and bottom, with four lateral pipes for the connection to the heating system and boiler made of welded sheet steel S235 configured as flanged connections ANSI 150lbs. 2" threaded pipe for sludge removal; ½" couplings for air vent and temperature sensor and stand with holes for ground mounting. The Hydronic Junction is factory pressure tested and primed.

Contact certification	
Type	Hydronic Junction Type I
Operating pressure	0/6 bar or 90 psi
Operating temperature	0/+110°C or 230°F
Contact	Sinus North America 321 Shoemaker St Kitchener, ON, N2E 3B3 CANADA



Type	Flow rate		Water content		Weight		Total height H		H1		H2		Connection (4x)		Wall thickness	
	[WxD]	[m³/h]	[gpm]	[liter]	[gal]	[kg]	[lbs]	[mm]	[in inch]	[mm]	[in inch]	[mm]	[in inch]	[DN]	[in inch]	[mm]
160/80	10	44	15.5	4.1	57	125.4	1,440	56.7	390	15.4	1,000	39.4	65	2.5"	4.0	0.2
200/120	18	80	30.8	8.1	73	160.6	1,450	57.1	390	15.4	1,000	39.4	80	3"	4.0	0.2
250/150	27	118	55.3	14.6	96	211.2	1,470	57.9	400	15.7	1,000	39.4	100	4"	4.0	0.2
300/200	43	189	79.1	20.9	142	312.4	1,480	58.3	400	15.7	1,000	39.4	125	5"	6.0	0.2
400/200	57	251	107.6	28.4	176.5	388.3	1,495	58.9	400	15.7	1,000	39.4	150	6"	6.0	0.2
450/250	85	374	152.0	40.2	235	517.0	1,520	59.8	400	15.7	1,000	39.4	200	8"	8.0	0.3
500/300	110	484	246.1	65.0	268	589.6	1,820	71.7	500	19.7	1,200	47.2	200	8"	8.0	0.3
600/400	170	749	395.2	104.4	376	827.2	1,845	72.6	500	19.7	1,200	47.2	250	10"	12.0	0.5
650/450	235	1,034	496.6	210.4	510	1,122	1,945	76.6	570	22.4	1,200	47.2	300	12"	12.0	0.5
700/500	300	1,320	719.0	189.9	646	1,421.1	2,290	90.2	600	23.6	1,500	59.1	350	14"	12.0	0.5