

Technical data

HydroMaxx

Hydronic junction with directly welded sinus manifold made of square profiles 37-2 steel with welded endpieces. Connection of junction and manifold by directly welded flow pipe; connection of return pipe by square profile running vertically parallel to the junction. Integrated air and gas purger through stainless steel basket and integrated sediment and magnetite purging through magnetic filters. With flange ends connections ANSI 150 lbs and drain connection.

The Sinus HydroMaxx unit was pressure tested and primed in our factory.

| Contact certification | |
|-----------------------|--------------------------------------------------------------------------------|
| Type | HydroMaxx |
| Operating pressure | max. 10 bar or 145 psi |
| Operating temperature | max. 110°C or 230°F |
| Contact | Sinus North America 321 Shoemaker St Kitchener, ON, N2E 3B3 CANADA |

| Type | Heating water flow rate | | Water content | | Connections (4x) | Total height | | Wall thickness | |
|---------|-------------------------|-------|---------------|-------|------------------|--------------|------------|----------------|-----------|
| | [m³/h] | [gpm] | [liter] | [gal] | | [mm] | [in inch] | [mm] | [in inch] |
| 80/80 | 4 | 17.5 | 3.9 | 1.0 | 1 ½" | 700 | 700" | 2.5 | 3/32" |
| 120/80 | 8 | 35 | 6.7 | 1.8 | 2" | 800 | 800" | 3.0 | 1/8" |
| 160/80 | 10 | 44 | 14.4 | 3.8 | 2.5" | 1,440 | 1,440" | 6.0 | 15/64" |
| 200/120 | 18 | 80 | 29.4 | 7.8 | 3" | 1,450 | 1,450" | 6.0 | 15/64" |
| 250/150 | 27 | 118 | 48.2 | 12.7 | 4" | 1,470 | 1,470" | 6.0 | 15/64" |
| 300/200 | 43 | 189 | 77.3 | 20.4 | 5" | 1,480 | 1,480" | 8.0 | 5/16" |
| 400/200 | 57 | 251 | 105.6 | 27.9 | 6" | 1,495 | 1,495" | 8.0 | 5/16" |
| 450/250 | 85 | 374 | 170.6 | 45.1 | 8" | 1,720 | 1,720" | 8.0 | 5/16" |
| 500/300 | 110 | 484 | 259.8 | 68.6 | 8" | 1,920 | 1,920" | 8.0 | 5/16" |
| 600/400 | 170 | 749 | 441.9 | 116.7 | 10" | 2,045 | 2,045" | 10.0 | 25/64" |
| 650/450 | 235 | 1,034 | 560.1 | 148.0 | 12" | 2,145 | 84 29/64" | 12.0 | 15/32" |
| 700/500 | 300 | 1,320 | 791.0 | 209.0 | 14" | 2,600 | 102 23/64" | 12.0 | 15/32" |