

Airmaster Maxi HW

| Type | Air | | Water temp. 90/70 C | | | | Water temp. 80/60 C | | | |
|--------------------|-----------------------------------|----------------|------------------------|-----------------|-----------------------|---------------------------------|------------------------|-----------------|-----------------------|---------------------------------|
| | Air- flow m ³ /s | Air in C | Out- put kW | Air out C | Water- flow l/s | Max fluid press. drop kPa | Out- put kW | Air out C | Water- flow l/s | Max fluid press. drop kPa |
| 4000 ¹⁾ | 1.11 | 0 | 46.79 | 34.20 | 0.574 | 8.98 | 40.13 | 29.33 | 0.490 | 8.58 |
| 3000 ¹⁾ | 0.83 | 0 | 38.71 | 37.73 | 0.475 | 7.91 | 33.26 | 32.42 | 0.406 | 6.05 |
| 2000 ²⁾ | 0.56 | 0 | 25.62 | 37.45 | 0.314 | 8.85 | 22.05 | 32.24 | 0.269 | 6.84 |
| 1500 ²⁾ | 0.42 | 0 | 20.87 | 40.67 | 0.256 | 6.07 | 17.99 | 35.06 | 0.219 | 6.62 |
| 1100 ³⁾ | 0.31 | 0 | 15.06 | 40.02 | 0.185 | 6.76 | 12.95 | 34.43 | 0.158 | 6.93 |

All values are based on inlet temperatures of 0 C which corresponds to outdoor temperatures of -20 C. Relative humidity of air is set to 0% and is measured dry bulb. Air density is set to 1.255 kg/m³ for all calculations. 100% of the surface area of the HX is in use.

Physical data:

- 1) Finned height: 350mm, finned length 720mm, face velocity 4.41 m/s, fin spacing 2.5mm, total surface 8.0 m²
- 2) Finned height: 225mm, finned length 720mm, face velocity 3.43 m/s, fin spacing 2.5mm, total surface 5.1 m²
- 3) Finned height: 200mm, finned length 570mm, face velocity 2.68 m/s, fin spacing 2.5mm, total surface 3.6 m²