

inverELITE^{V4}



WORLD'S MOST EFFICIENT. WORLD'S QUIETEST. WORLD CLASS INNOVATION.

InverELITE V4 pool heater is the world's most efficient and quietest heat pump. The revolutionary 3-directional airflow ensures almost silent operation and enhanced efficiency. Engineered with installation support features such as Plug & Play technology, Wi-Fi, plus quick connectivity, the InverELITE V4 sets a new standard in performance and innovation. This unit delivers unmatched pool heating excellence.



Revolutionary 3-Directional Airflow

3D triple-directional airflow minimises installation requirements and enhances efficiency



Triple Layered Sound Insulation

30% reduction in operation noise achieving a world breaking decibel rating for heat pump technology



Commercial Grade Centrifugal Fan

The compressor fan is designed with angular blades to capture surplus surrounding air and boost overall efficiency



Twin Rotary Compressor

InverELITE V4 delivers the fastest heat-up times to pool owners, getting your pool ready quicker than ever



The Most Advanced Heat Pump

Meticulously designed heat pump achieving a groundbreaking COP of 22, maximising your comfort while minimising your energy use



Plug & Play

Plug & Play installation simplicity for 10kW, 12kW and 14kW

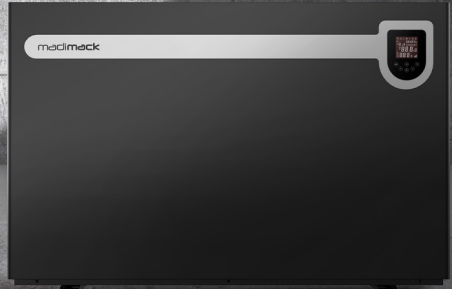


madimack

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TECHNOLOGY



1 YEAR LABOUR WARRANTY.



TECHNICAL PARAMETERS

| Model | V4-100 | V4-120 | V4-140 | V4-170 | V4-190 | V4-230 | V4-270 | V4-330 | V4-410 |
|--|--------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|
| | HPELV4AU100 | HPELV4AU120 | HPELV4AU140 | HPELV4AU170 | HPELV4AU190 | HPELV4AU230 | HPELV4AU270 | HPELV4AU330 | HPELV4AU410 |
| PERFORMANCE CONDITION: Air 27°C / Water 27°C / Humid. 80% | | | | | | | | | |
| Heating Capacity (kW) | 9.8 | 11.8 | 14.2 | 17.0 | 19.0 | 23.0 | 27.0 | 33.0 | 40.8 |
| COP | 19.5~7.0 | 19.7~7.2 | 20.2~7.2 | 20.4~7.2 | 20.0~7.0 | 22.0~7.3 | 21.0~7.2 | 20.3~7.1 | 18.9~7.0 |
| PERFORMANCE CONDITION: Air 15°C / Water 26°C / Humid. 70% | | | | | | | | | |
| Heating Capacity (kW) | 6.8 | 8.1 | 9.6 | 11.5 | 13.0 | 15.0 | 18.5 | 22.7 | 29.0 |
| COP | 7.6~5.1 | 8.1~5.2 | 8.5~5.1 | 9.0~5.3 | 7.9~5.0 | 9.6~5.6 | 8.9~5.2 | 8.0~5.2 | 7.8~5.0 |
| PERFORMANCE CONDITION: Air 35°C / Water 28°C / Humid. 80% | | | | | | | | | |
| Cooling Capacity (kW) | 4.8 | 5.5 | 6.7 | 9.4 | 10.8 | 11.9 | 13.5 | 15.4 | 20.0 |
| TECHNICAL SPECIFICATIONS | | | | | | | | | |
| Temperature set point (°C) | 5~40 | | | | | | | | |
| Operating air temperature (°C) | -20~43 | | | | | | | | |
| Casing | Aluminum-alloy | | | | | | | | |
| Power supply | 230V/1Ph | | | | | | | | 400V3Ph |
| Compressor | Twin-Rotary Mitsubishi DC Compressor | | | | | | | | |
| Electrical connection | 10A Plug | 10A Plug | 10A Plug | Hardwired | Hardwired | Hardwired | Hardwired | Hardwired | Hardwired |
| Rated input power (kW) | 0.16~1.33 | 0.19~1.56 | 0.23~1.88 | 0.26~2.17 | 0.31~2.6 | 0.32~2.68 | 0.43~3.56 | 0.52~4.37 | 0.70~5.80 |
| Rated input current (A) | 0.70~5.78 | 0.83~6.78 | 1.0~8.17 | 1.13~9.43 | 1.35~11.3 | 1.39~11.65 | 1.87~15.48 | 2.26~19.0 | 1.01~8.41 |
| Max input current (A) | 9.0 | 10.0 | 10.0 | 16.0 | 16.5 | 18.5 | 20.5 | 24.0 | 12.5 |
| Sound level at 1m db(A) | 36.0~41.8 | 36.0~42.5 | 36.3~43.9 | 37.2~45.5 | 37.5~46.0 | 37.6~46.8 | 37.9~48.2 | 38.2~48.7 | 38.8~49.3 |
| Sound level at 10m db(A) | 16.0~21.8 | 16.0~22.5 | 16.3~23.9 | 17.3~25.5 | 17.5~26.0 | 17.6~26.8 | 17.9~28.2 | 18.2~28.7 | 18.8~29.3 |
| Advised water flow (L/min) ±20% | 50 | 65 | 70 | 85 | 100 | 135 | 140 | 180 | 220 |
| Water Pressure Drop (kpa) | 4 | 4 | 5 | 6 | 7 | 8 | 12 | 16 | 22 |
| Gas | R32 | | | | | | | | |
| Water connection (mm) | 40 | | | | | | | | |
| Net Weight (kg) | 83 | 83 | 83 | 90 | 94 | 100 | 125 | 154 | 186 |
| Gross Weight (kg) | 92 | 92 | 92 | 100 | 104 | 112 | 148 | 181 | 216 |
| Net dimension LxWxH (mm) | 936*494*655 | 936*494*655 | 936*494*655 | 1036*494*655 | 1036*494*655 | 1104*494*757 | 1129*504*945 | 1310*514*945 | 1405*514*1070 |
| Packaging dimension LxWxH (mm) | 1005*550*685 | 1005*550*685 | 1005*550*685 | 1105*550*685 | 1105*550*685 | 1175*550*785 | 1198*560*985 | 1380*560*985 | 1475*560*1105 |

* The data above is only for reference. For specific data, please refer to the nameplate on the unit.

* Acoustic data is to TuV international testing conditions, site conditions may differ.