



M THERMAL ARCTIC R290 AIR TO WATER HEAT PUMP



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M Thermal provides an energy efficient solution that delivers space heating and domestic hot water. It is a complete all-year-round, integrated heating system which can replace, or work in synergy with traditional gas or oil boilers.

WIDE OPERATION RANGE

Available in single phase capacities of 4 kW - 16 kW, or three phase capacities of 12 kW to 16 kW.

DOMESTIC HOT WATER AND UNDERFLOOR HEATING

The M Thermal can provide domestic hot water (up to 75°C) and underfloor heating, improving room comfort.

COMPACT FOOTPRINT

The M Thermal is designed for installation in any type of property, especially homes with limited space.

Being a compact system with a single unit installed outdoors means the available space indoors remains unchanged.

HIGH EFFICIENCY

A+++ ErP Energy Rating

With the help of all DC inverter technology, R290 M thermal Arctic Series reaches the EU Energy Efficiency A+++ at 35°C water temperature, A++ at 55°C water temperature.

EASY INSTALLATION & MAINTENANCE

All functions are achieved with a single outdoor unit, bringing significant cost savings. Furthermore, installation is quicker and easier as there is no need for refrigerant piping, and the product is pre-charged at the factory.

Two-door design for easy access to internal components for easy maintenance.

QUIET OPERATION

The M Thermal produces 44dB ErP sound pressure level at 1 meter.

ENERGY MONITORING AS STANDARD

Energy consumption data for running cost analysis.

INTUITIVE CONTROL

The remote controller can be used for daily and weekly programming, managing water production temperature, operating modes, etc. It also has built-in Wi-Fi as standard which can connect to the 'CONNECT SMART HOME APP. The unit can be controlled via the App and energy consumption can be viewed along with energy-saving suggestions. 'LET'S LINK' allows easy access to the status and data of unit remotely. Offers a range of functions for commissioning, monitoring and diagnosis.

MHC-V4W/D2N7 & MHC-V6W/D2N7



MHC-V8W/D2N7- MHC-V16W/D2N7 & MHC-V12W/D2RN7 - MHC-V16W/D2RN7



| MODEL | POWER SUPPLY (V/Ph/Hz) | OUTPUT (KW) | DIMENSIONS (MM) | | | SCOP/Class | | WEIGHT (Kg) | RECOMMENDED FUSE SIZE (AMPS) | SOUND PRESSURE (1M - IN FRONT) | REFRIGERANT |
|----------------|------------------------|-------------|-----------------|-----|-----|------------|-----------|-------------|------------------------------|--------------------------------|-------------|
| | | | -2 / 55 | W | H | D | 35°C | | | | |
| MHC-V4W/D2N7 | 220-240/1/50 | 4.4 | 1299 | 717 | 426 | 5.07/A+++ | 3.79/A+++ | 90 | 16A | 44 | R290 |
| MHC-V6W/D2N7 | 220-240/1/50 | 5.8 | 1299 | 717 | 426 | 4.89/A+++ | 3.82/A+++ | 90 | 16A | 46 | R290 |
| MHC-V8W/D2N7 | 220-240/1/50 | 7.8 | 1385 | 865 | 523 | 5.19/A+++ | 3.82/A+++ | 117 | 20A | 48 | R290 |
| MHC-V10W/DN7 | 220-240/1/50 | 8.4 | 1385 | 865 | 523 | 5.07/A+++ | 3.82/A+++ | 117 | 20A | 49 | R290 |
| MHC-V12W/D2N7 | 220-240/1/50 | 11.3 | 1385 | 865 | 523 | 4.67/A+++ | 3.62/A+++ | 135 | 32A | 51 | R290 |
| MHC-V14W/D2N7 | 220-240/1/50 | 12 | 1385 | 865 | 523 | 4.63/A+++ | 3.61/A+++ | 135 | 32A | 52 | R290 |
| MHC-V16W/D2N7 | 220-240/1/50 | 13.1 | 1385 | 865 | 523 | 4.59/A+++ | 3.57/A+++ | 135 | 32A | 56 | R290 |
| MHC-V12W/D2RN7 | 380-415/3/50 | 11.3 | 1385 | 865 | 523 | 4.67/A+++ | 3.62/A+++ | 137 | 16A | 51 | R290 |
| MHC-V14W/D2RN7 | 380-415/3/50 | 12 | 1385 | 865 | 523 | 4.63/A+++ | 3.61/A+++ | 137 | 16A | 52 | R290 |
| MHC-V16W/D2RN7 | 380-415/3/50 | 13.1 | 1385 | 865 | 523 | 4.59/A+++ | 3.57/A+++ | 137 | 16A | 56 | R290 |

PRICE ON APPLICATION

DATA IS SUBJECT TO CHANGE, SCAN THE QR CODE FOR MOST RECENT PRODUCT INFORMATION



To feel the difference with Midea heat pumps visit mideauk.co.uk/heat-mi-home

