

# 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

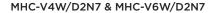
The M Thermal produces 44dB ErP sound pressure level at 1 meter.

# **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 'ICONNECT 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-V8W/D2N7- MHC-V16W/D2N7 & MHC-V12W/D2RN7 - MHC-V16W/D2RN7









MODEL	POWER SUPPLY (V/Ph/Hz)	OUTPUT (KW)				SCOP/Class		WEIGHT (Kg)	RECOMMENDED FUSE SIZE	SOUND PRESSURE (1M - IN	REFRIGERANT
		-2 / 55	w	н	D	35°C	50°C	(9)	(AMPS)	FRONT)	
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

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

