



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



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