

AQUAREA HT

MONO-BLOC SINGLE PHASE / THREE PHASE

HEATING ONLY - MHF



SEASONAL EFFICIENCY

PRODUCT READY FOR
THE NEW ErP ECODESIGN
REQUIREMENTS LOT 1

For a house with high temperature radiators (for example, cast iron radiators), the Aquarea High Temperature Solution is most suited as it provides output water temperatures of 65 °C even at -20 °C.

Aquarea HT is able to deliver 65 °C with the Heat Pump alone.

- Optional Smartphone control
- Range from 9 to 12 kW, Single and Three Phase
- Maximum hydraulic module output temperature: 65 °C
- Works down to -20 °C

Technical focus

- **NEW!** Efficient control of room temperature based on the outdoor temperature, indoor temperature using the Aquarea Manager.

Aquarea Manager for all Aquarea.



PAW-A2W-RTWIRED: Wired LCD room thermostat with weekly timer.



PAW-A2W-RTWIREFLESS: Wireless LCD room thermostat with weekly timer.

		Single Phase		Three Phase	
		WH-MHF09D3E5*	WH-MHF12D6E5*	WH-MHF09D3E8*	WH-MHF12D9E8*
Heating Capacity at +7 °C with heating water at 35 °C	kW	9.00	12.00	9.00	12.00
COP at +7 °C with heating water at 35 °C		4.55	4.40	4.55	4.40
Heating Capacity at +2 °C with heating water at 35 °C	kW	9.00	12.00	9.00	12.00
COP at +2 °C with heating water at 35 °C		3.40	3.32	3.40	3.32
Heating Capacity at -7 °C with heating water at 35 °C	kW	9.00	12.00	9.00	12.00
COP at -7 °C with heating water at 35 °C		2.70	2.50	2.70	2.50
Heating Capacity at -15 °C with heating water at 35 °C	kW	9.00	12.00	9.00	12.00
COP at -15 °C with heating water at 35 °C		2.40	2.15	2.40	2.15
Heating Capacity at +7 °C with heating water at 65 °C	kW	9.00	12.00	9.00	12.00
COP at +7 °C with heating water at 65 °C		2.25	2.20	2.25	2.20
Heating Capacity at +2 °C with heating water at 65 °C	kW	9.00	10.30	9.00	10.30
COP at +2 °C with heating water at 65 °C		1.88	1.83	1.88	1.83
Heating Capacity at -7 °C with heating water at 65 °C	kW	8.90	9.60	8.90	9.60
COP at -7 °C with heating water at 65 °C		1.62	1.61	1.64	1.61
Heating Capacity at -15 °C with heating water at 65 °C	kW	7.80	8.00	7.80	8.00
COP at -15 °C with heating water at 65 °C		1.32	1.30	1.32	1.30
Sound pressure level	dB(A)	49	50	49	50
Sound power level	dB	66	67	66	67
Dimensions	H x W x D	mm	1410 x 1283 x 320	1410 x 1283 x 320	1410 x 1283 x 320
Weight		kg	155	155	158
Water pipe connector			R 1 1/4	R 1 1/4	R 1 1/4
Pump	No. of Speed		3	3	3
	Input Power (Max.)	W	190	190	190
Heating water flow (ΔT=5 K, 35 °C)		l/min	25.8	34.4	25.8
Capacity of integrated electric heater		kW	3	6	3
Input Power		kW	1.98	2.73	1.98
Running and Starting current		A	9.5	12.8	9.5
Current 1		A	28.5	29.0	32.8
Current 2		A	26.0	26.0	13.0
Current 3		A		13.0	13.0
Recommended Fuse		A	30 / 30	30 / 30 / 16	30 / 16
Recommended power cable section		mm ²	4.0 / 4.0	4.0 / 4.0 / 1.5	4.0 / 1.5
Operation range	Outdoor ambient	°C	-20 to 35	-20 to 35	-20 to 35
Water outlet at -2/-7/-15		°C	25 - 65	25 - 65	25 - 65

COP classification is at 230 V only in accordance with EU directive 2003/32/EC. Sound pressure measured at 1 m from the outdoor unit and at 1.5 m height. Performance in agreement with EN14511.

* Tentative specifications.



INTERNET CONTROL READY: Optional.