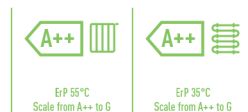


Aquarea HT Mono-bloc G Generation Single Phase. Heating Only - MHF • R407C Gas



Technical focus

- Efficient control of room temperature based on the outdoor temperature, indoor temperature using the Aquarea Manager
- Optional Smartphone control
- Maximum hydraulic module output temperature: 65°C
- Works at temperatures as low as -20°C



Single Phase

Outdoor unit		WH-MHF09G3E5	WH-MHF12G6E5
Heating capacity / COP (A +7°C, W 35°C)	kW / COP	9,00 / 4,64	12,00 / 4,46
Heating capacity / COP (A +7°C, W 65°C)	kW / COP	9,00 / 2,48	12,00 / 2,41
Heating capacity / COP (A +2°C, W 35°C)	kW / COP	9,00 / 3,45	12,00 / 3,26
Heating capacity / COP (A +2°C, W 65°C)	kW / COP	9,00 / 2,06	10,30 / 2,01
Heating capacity / COP (A -7°C, W 35°C)	kW / COP	9,00 / 2,74	12,00 / 2,52
Heating capacity / COP (A -7°C, W 65°C)	kW / COP	9,00 / 1,79	9,60 / 1,77
Seasonal energy efficiency - Heating Average Climate (W35°C / W55°C)	ETA %	153 / 125	150 / 125
	SCOP	3,90 / 3,20	3,83 / 3,20
Energy Class Heating Average Climate (W35°C / W55°C) ¹⁾	A++ to G	A++/A++	A++/A++
Energy Class Heating Average Climate (W35°C / W55°C) ¹⁾	A+++ to D	A+++ / A+++	A+++ / A+++
Seasonal energy efficiency - Heating Warm Climate (W35°C / W55°C)	ETA %	191 / 156	188 / 156
	SCOP	4,85 / 3,98	4,78 / 3,98
Energy Class Heating Warm Climate (W35°C / W55°C)	A++ to G	A++/A++	A++/A++
Energy Class Heating Warm Climate (W35°C / W55°C)	A+++ to D	A+++ / A+++	A+++ / A+++
Seasonal energy efficiency - Heating Cold Climate (W35°C / W55°C)	ETA %	137 / 116	134 / 113
	SCOP	3,50 / 2,98	3,43 / 2,90
Energy Class Heating Cold Climate (W35°C / W55°C)	A++ to G	A++ / A+	A++ / A+
Energy Class Heating Cold Climate (W35°C / W55°C)	A+++ to D	A+++ / A+	A+++ / A+
Sound power part load	dB	—	—
Sound power full load	dB	68	69
Dimension	H x W x D	1410 x 1283 x 320	1410 x 1283 x 320
Net weight	kg	151	151
Refrigerant (R407C) / CO ₂ Eq. ²⁾	kg / T	1,92 / 3,406	1,92 / 3,406
Water pipe connector	Inch	R 1	R 1
Pump	Number of speeds	7	7
	Input power (Min/Max)	W	—
Heating water flow (ΔT=5 K, 35°C)	L/min	25,8	34,4
Capacity of integrated electric heater	kW	3	6
Input Power	kW	1,94	2,69
Running and Starting current	A	9,3	12,8
Current 1	A	28,5	29,0
Current 2	A	13,0	26,0
Recommended fuse	A	30 / 30	30 / 30
Recommended cable size, supply 1 / 2	mm ²	3 x 4,0 or 6,0 / 3 x 4,0	3 x 4,0 or 6,0 / 3 x 4,0
Operation range	Outdoor ambient	°C	-20 ~ +35
Water outlet	Heat	°C	25 ~ 65

Accessories

PAW-TD20C1E5	Tank 200L - Stainless steel
PAW-TD30C1E5	Tank 300L - Stainless steel
PAW-TA20C1E5STD	Tank 200L - Enamelled
PAW-TA30C1E5STD	Tank 300L - Enamelled

Accessories

PAW-3WYVLV-SI	External 3 way valve
PAW-BTANK50L-1	Buffer tank 50L
PA-AW-WIFI-1TE	WLAN interface
PAW-A2W-RTWIRED	Room thermostat

EER and COP calculation is based in accordance to EN14511. Sound pressure measured at 1m from the outdoor unit and at 1,5m height. Heating sound pressure measured at +7°C (heating water at 55°C).
1 Scale from A++ to G and from A+++ to D from 26th September 2019. 2) WH-MHF models are hermetically sealed.



INTERNET CONTROL: Optional.