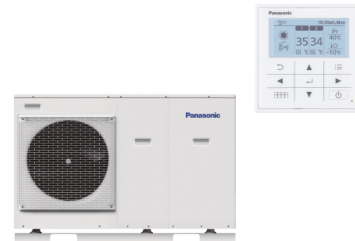


WH-MDC05J3E5

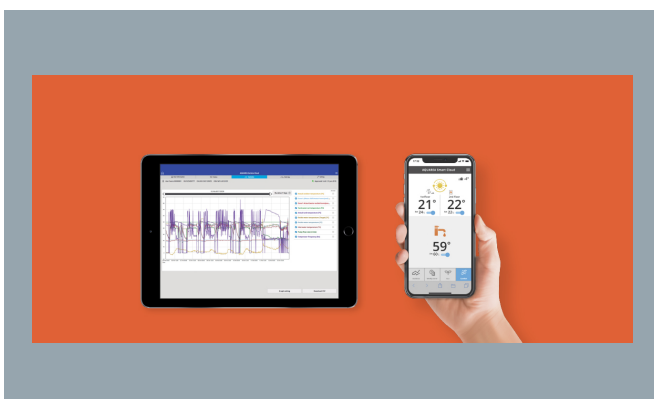


Wärmepumpen wandeln natürliche Wärmeenergie von draußen zu wohliger Wärme drinnen



**Aquarea Wärmepumpen mit R32:
?Kleine? Änderung ? große Wirkung**

[WEITERE INFORMATIONEN ZU AQUAREA WÄRMEPUMPEN MIT R32](#)



**Aquarea Smart & Service Cloud ?
Moderne, zukunftsweisende Heizungsregelung**

[CLOUD-ANWENDUNG FÜR ENDKUNDEN](#)

[CLOUD-ANWENDUNG FÜR SERVICEBETRIEBE](#)

Aquarea LT Monoblöcke Generation „J“ Heizen und Kühlen MDC einphasig R32		5 kW
Heating capacity (A +7°C, W 35°C)	kW	5,00
COP (A +7°C, W 35°C)		5,08
Heating capacity (A +7°C, W 55°C)	kW	5,00
COP (A +7°C, W 55°C)		3,01
Heating capacity (A +2°C, W 35°C)	kW	5,00
COP (A +2°C, W 35°C)		3,57
Heating capacity (A +2°C, W 55°C)	kW	5,00
COP (A +2°C, W 55°C)		2,27
Heating capacity (A -7°C, W 35°C)	kW	5,00
COP (A -7°C, W 35°C)		2,78
Heating capacity (A -7°C, W 55°C)	kW	5,00
COP (A -7°C, W 55°C)		1,85
Cooling capacity (A 35°C, W 7°C)	kW	5,00
EER (A 35°C, W 7°C)		3,31
Cooling capacity (A 35°C, W 18°C)	kW	5,00
EER (A 35°C, W 18°C)		5,05
Heating average climate. Seasonal energy efficiency (W 35°C / W 55°C)	ηs %	202 / 142
Heating average climate. Seasonal energy efficiency (W 35°C / W 55°C)	SCOP	5,12 / 3,63
Heating average climate. Energy class (W 35°C / W 55°C) (1)	A+++ to D	A+++ / A++
Heating warm climate. Seasonal energy efficiency (W 35°C / W 55°C)	ηs %	237 / 165
Heating warm climate. Seasonal energy efficiency (W 35°C / W 55°C)	SCOP	6,00 / 4,20
Heating warm climate. Energy class (W 35°C / W 55°C) (1)	A+++ to D	A+++ / A+++
Heating cold climate. Seasonal energy efficiency (W 35°C / W 55°C)	ηs %	160 / 115
Heating cold climate. Seasonal energy efficiency (W 35°C / W 55°C)	SCOP	4,08 / 2,95
Heating cold climate. Energy class (W 35°C / W 55°C) (1)	A+++ to D	A++ / A+
Outdoor sound power part load (Heat) (1)	dB(A)	59
Outdoor sound power full load (Heat)	dB(A)	64
Outdoor sound power full load (Cool)	dB(A)	65
Outdoor dimension (Height)	mm	865
Outdoor dimension (Width)	mm	1283
Outdoor dimension (Depth)	mm	320
Outdoor net weight	kg	99
Refrigerant (R32) / CO2 Eq. (2)	kg / T	1,3 / 0,878
Water pipe connector	Inch	R 1¼
Pump (Number of speeds)		Variable Speed
Pump (Input power Min)	W	34
Pump (Input power Max)	W	96
Heating water flow (ΔT=5 K, 35°C)	L/min	14,30
Capacity of integrated electric heater	kW	3
Input power (Heat)	kW	0,99
Input power (Cool)	kW	1,51
Running and starting current (Heat)	A	4,7
Running and starting current (Cool)	A	7,0
Current 1	A	12,0
Current 2	A	13

**Aquarea LT | Monoblöcke | Generation „J“ |
Heizen und Kühlen | MDC | einphasig | R32**

5 kW

Indoor recommended fuse	A	30 / 15
Recommended cable size, supply 1	mm ²	3 x 1,5
Recommended cable size, supply 2	mm ²	3 x 1,5
Operation range - outdoor temperature (Heat)	°C	-20 ~ 35
Operation range - outdoor temperature (Cool)	°C	10 ~ 43
Water outlet (Heat)	°C	20 ~ 60
Water outlet (Cool)	°C	5 ~ 20

Zubehör



PAW-TD20B8E3-1. Combo Tank 185L + 80L. Enamelled.



PAW-3WYVLV-HW. 3 way valve for DHW Tanks.



PAW-A2W-RTWIRELESS. Wireless LCD room thermostat with weekly timer.



CZ-TAW1. Aquarea Smart Cloud for remote control and maintenance through wireless or wired LAN.



PAW-A2W-CMH Cascade Controller. Modbus IP for BMS communication.