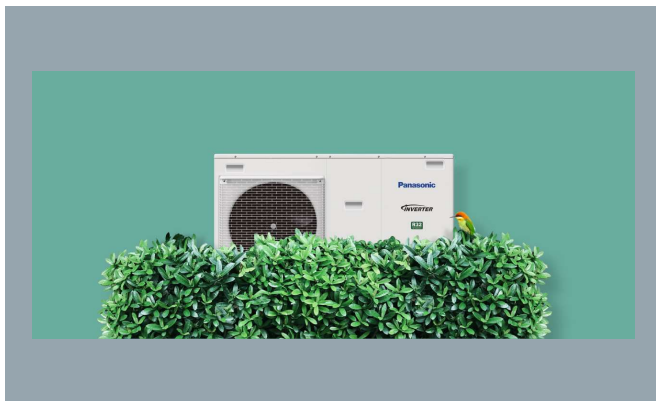


## WH-MDC05J3E5

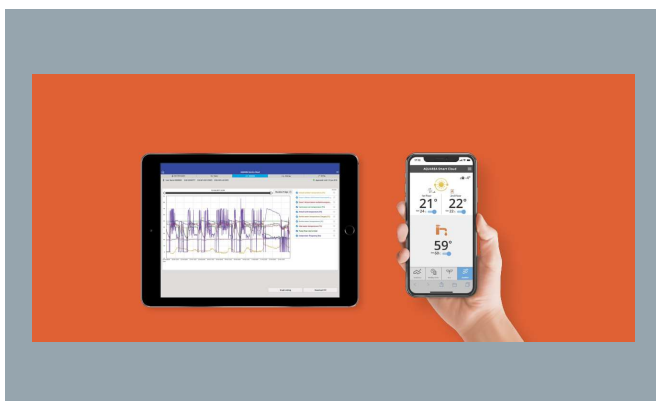


## Why make the switch to a heat pump?



**Aquarea with R32 Refrigerant.**  
A small change that changes everything.

[MORE ABOUT AQUAREA R32](#)



**Aquarea Service Cloud. Control for today and for the future**

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**Aquarea High Performance Mono-bloc J  
Generation 1 Phase • 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

## Aquarea High Performance Mono-bloc J Generation 1 Phase • R32

**5 kW**

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
Indoor recommended fuse	A	30 / 15
Recommended cable size, supply 1	mm²	3 x 1,5
Recommended cable size, supply 2	mm²	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

## Complementary products

