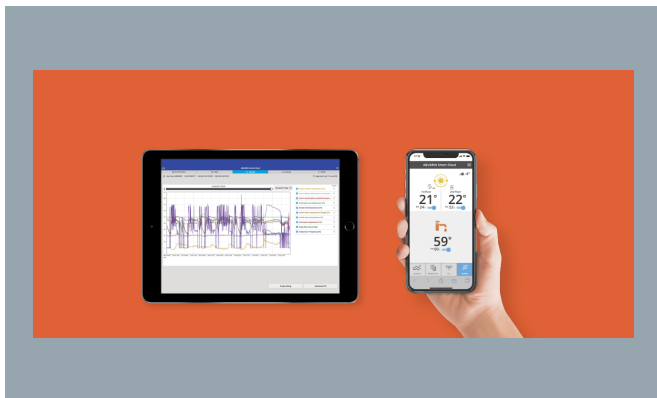


KIT-ADC05JE5 (WH-ADC0309J3E5 + WH-UD05JE5)



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

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Aquarea Service Cloud. Control for today and for the future

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The peak of comfort, efficiency and low energy costs

Even at extreme outdoor temperatures.
Environmentally friendly.
Wide range of solutions: floor heating, radiators and fan coils.

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Aquarea High Performance All in One J Generation 1 Phase • R32

5 kW

Kit		KIT-ADC05JE5
Heating capacity (A +7°C, W 35°C)	kW	5,00
COP (A +7°C, W 35°C)		5,00
Heating capacity (A +7°C, W 55°C)	kW	5,00
COP (A +7°C, W 55°C)		2,72
Heating capacity (A +2°C, W 35°C)	kW	4,20
COP (A +2°C, W 35°C)		3,18
Heating capacity (A +2°C, W 55°C)	kW	4,10
COP (A +2°C, W 55°C)		1,99
Heating capacity (A -7°C, W 35°C)	kW	4,20
COP (A -7°C, W 35°C)		2,59
Heating capacity (A -7°C, W 55°C)	kW	3,55
COP (A -7°C, W 55°C)		1,71
Cooling capacity (A 35°C, W 7°C)	kW	4,50
EER (A 35°C, W 7°C)		3,00
Cooling capacity (A 35°C, W 18°C)	kW	4,80
EER (A 35°C, W 18°C)		4,29
Heating average climate. Seasonal energy efficiency (W 35°C / W 55°C)	ηs %	200 / 136
Heating average climate. Seasonal energy efficiency (W 35°C / W 55°C)	SCOP	5,07 / 3,47
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 %	245 / 165
Heating warm climate. Seasonal energy efficiency (W 35°C / W 55°C)	SCOP	6,20 / 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 %	157 / 110
Heating cold climate. Seasonal energy efficiency (W 35°C / W 55°C)	SCOP	4,00 / 2,83
Heating cold climate. Energy class (W 35°C / W 55°C) (1)	A+++ to D	A++ / A+
Indoor unit		WH-ADC0309J3E5
Indoor sound pressure (Heat)	dB(A)	28
Indoor sound pressure (Cool)	dB(A)	28
Indoor dimension (Height)	mm	1800
Indoor dimension (Width)	mm	598
Indoor dimension (Depth)	mm	717

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5 kW

Indoor net weight	kg	122
Water pipe connector	Inch	R 1¼
A class pump (Number of speeds)		Variable Speed
A class pump (Input power Min)	W	30
A class pump (Input power Max)	W	120
Heating water flow ($\Delta T=5$ K, 35°C)	L/min	14,30
Capacity of integrated electric heater	kW	3,00
Indoor recommended fuse	A	16 / 16
Recommended cable size, supply 1	mm ²	3 x 1,5
Recommended cable size, supply 2	mm ²	3 x 1,5
Water volume	L	185
Maximum water temperature	°C	65
Material inside tank		Stainless steel
Tapping profile according EN16147		L
DHW tank ERP average climate efficiency rating (2)	A+ to F	A+
DHW tank ERP warm climate efficiency rating (2)	A+ to F	A+
DHW tank ERP cold climate efficiency rating (2)	A+ to F	A
DHW tank ERP average climate η	η_{wh} %	132
DHW tank ERP average climate SCOP		3,30
DHW tank ERP warm climate η	η_{wh} %	155
DHW tank ERP warm climate SCOP		3,88
DHW tank ERP cold climate η	η_{wh} %	99
DHW tank ERP cold climate SCOP		2,48
Outdoor unit		WH-UD05JE5
Outdoor sound power part load (Heat) (3)	dB(A)	55
Outdoor sound power full load (Heat)	dB(A)	64
Outdoor sound power full load (Cool)	dB(A)	64
Outdoor dimension (Height)	mm	622
Outdoor dimension (Width)	mm	824
Outdoor dimension (Depth)	mm	298
Outdoor net weight	kg	37
Refrigerant (R32) / CO2 Eq.	kg / T	0,9 / 0,608
Pipe diameter (Liquid)	Inch (mm)	1/4 (6,35)
Pipe diameter (Gas)	Inch (mm)	1/2 (12,70)
Pipe length range	m	3 ~ 25
Elevation difference (in/out)	m	20
Pipe length for additional gas	m	10
Additional gas amount	g/m	20
Operation range (Outdoor ambient)	°C	-20 ~ +35

**Aquarea High Performance All in One J
Generation 1 Phase • R32**

		5 kW
Water outlet (Heat)	°C	20 ~ 60
Water outlet (Cool)	°C	5 ~ 20