

Aquarea All in One

Aquarea All in One High performance 2 zones Bi-Bloc Single Phase. Heating and Cooling

TENTATIVE DATA

		Single Phase (Power to indoor)			
		KIT-ADC03HE5B ¹	KIT-ADC05HE5B ¹	KIT-ADC07HE5B ¹	KIT-ADC09HE5B ¹
Heating capacity at +7°C (heating water at 35°C)	kW	3,20	5,00	7,00	9,00
COP at +7°C (heating water at 35°C)	W/W	5,00	4,63	4,46	4,13
Heating capacity at +2°C (heating water at 35°C)	kW	3,20	4,20	6,55	6,70
COP at +2°C (heating water at 35°C)	W/W	3,56	3,11	3,34	3,13
Heating capacity at -7°C (heating water at 35°C)	kW	3,20	4,20	5,15	5,90
COP at -7°C (heating water at 35°C)	W/W	2,69	2,59	2,68	2,52
Heating capacity at -15°C (heating water at 35°C)	kW	3,20	4,20	4,60	5,90
COP at -15°C (heating water at 35°C)	W/W	2,30	2,16	2,32	2,22
Cooling capacity at 35°C (cooling water at 7/12°C)	kW	3,20	4,50	6,00	7,00
EER at 35°C (cooling water at 7/12°C)	W/W	3,08	2,69	2,63	2,43
Energy Efficiency Class at 35°C / at 55°C / at 55°C for DHW		A++ / A++ / A	A++ / A++ / A	A++ / A++ / A	A++ / A++ / A
System label 35°C / 55°C ¹		A++ / A++	A++ / A++	A++ / A++	A++ / A++
Indoor Unit		WH-ADC0309H3E5B			
Sound pressure level	Heating / Cooling	dB(A) 28 / 28			
Dimensions / Net weight	H x W x D	mm / kg 1.800 x 598 x 717 / 135			
Water pipe connector		mm R 1 1/4			
A class Pump	Number of speeds	Variable Speed			
	Power input (Min / Max)	W 30 / 120			
Heating water flow (ΔT=5 K, 35°C)	U/min	9,2			
Capacity of integrated electric heater	kW	3			
Recommended fuse	A	15 / 15			
Recommended cable size, supply 1 & 2	mm ²	3 x 1,5 / 3 x 1,5			
Water volume	L	185			
Maximum water temperature	°C	65			
Material inside tank		Stainless steel			
Outdoor Unit		WH-UD03HE5-1			
Sound pressure level	Heating / Cooling	dB(A) 48 / 47			
Dimensions / Net weight	H x W x D	mm / kg 622 x 824 x 298 / 39			
Refrigerant (R410A)		kg 1,20			
Pipe diameter	Liquid pipe / Gas pipe	Inch (mm) 1/4 (6,35) / 1/2 (12,7)			
Pipe length range / Elevation difference (in/out)	m	3 - 15 / 5			
Pipe length for additional gas / Additional gas amount	m / g/m	10 / 20			
Operation range	Outdoor ambient	°C -27 - +35			
Water outlet	Heating / Cooling	°C 25 - 55 / 5 - 20			

Accessories		Accessories	
PAW-ADC-CV150	Decorative magnetic side cover	CZ-TAW1	Aquarea Smart Cloud, H Generation Internet control through Wifi or wired LAN
CZ-NS4P	Additional functions PCB	PAW-A2W-RTWIRED	Temperature sensor

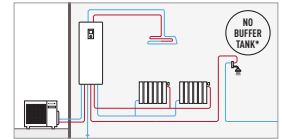
COP classification is at 230V only in accordance with EU directive 2003/32/EC. Sound pressure measured at 1m from the outdoor unit and at 1,5m height. Heating sound pressure measured at +7°C (heating water at 55°C). Performance in agreement with EN14511. 1) Insulated tested under EN12897.

INTERNET CONTROL- Optional.



- All in one with 2 zones control
- 2 heating circuits, with 2 water temperatures
- 2 pumps and 2 filters
- Floor heating water control with 3 way valve
- No need of buffer tank

2 Zones kit included with control of 2 water temperatures (Floor heating with water at 35 °C and radiators with water at 45 °C)



* With H generation

A++
EER 55°C

A++
EER 35°C

A++
EER 55°C

INVERTER+

A CLASS
WATER PUMP

5,00
COP

0°C
DHW

-27°C
HEATING MODE

ENERGIE
EFFICIENT

STOP
VALVE

FLOW
SENSOR

BOILER
CONNECTION

ADVANCED
CONTROL

INTERNET
CONTROL

BMS
CONNECTIVITY

5 YEARS
WARRANTY

10 YEARS
WARRANTY

Aquarea All in one T-CAP Bi-Bloc Three Phase. Heating and Cooling

		Three Phase (Power to indoor)		
		KIT-AXC9GE8	KIT-AXC12GE8	KIT-AXC16GE8
Heating capacity at +7°C (heating water at 35°C)	kW	9,00	12,00	16,00
COP at +7°C (heating water at 35°C)	W/W	4,84	4,74	4,28
Heating capacity at +2°C (heating water at 35°C)	kW	9,00	12,00	16,00
COP at +2°C (heating water at 35°C)	W/W	3,59	3,44	3,10
Heating capacity at -7°C (heating water at 35°C)	kW	9,00	12,00	16,00
COP at -7°C (heating water at 35°C)	W/W	2,85	2,72	2,49
Heating capacity at -15°C (heating water at 35°C)	kW	9,00	12,00	16,00
COP at -15°C (heating water at 35°C)	W/W	2,56	2,42	2,32
Cooling capacity at 35°C (cooling water at 7/12°C)	kW	7,00	10,00	12,20
EER at 35°C (cooling water at 7/12°C)	W/W	3,17	2,81	2,56
Energy Efficiency Class at 35°C / at 55°C / at 55°C for DHW		A++ / A++ / A	A++ / A++ / A	A++ / A++ / A
Indoor Unit		WH-ADC0916G9E8		
Sound pressure level	Heating / Cooling	dB(A) 33 / 33		
Dimensions / Net Weight	H x W x D	mm / kg 1.800 x 598 x 717 / 139		
Water pipe connector		mm R 1 1/4		
A class Pump	Number of speeds	7		
	Power input (Min / Max)	W 36 / 152		
Heating water flow (ΔT=5 K, 35°C)	U/min	25,8		
Capacity of integrated electric heater	kW	9		
Recommended fuse	A	16 / 16		
Recommended cable size, supply 1 & 2	mm ²	5 x 1,5 / 5 x 1,5		
Water volume	L	185		
Maximum water temperature	°C	65		
Material inside tank		Stainless steel		
Outdoor Unit		WH-UX09FE8		
Sound pressure level	Heating / Cooling	dB(A) 51 / 49		
Dimensions / Weight	H x W x D	mm / kg 1.340 x 900 x 320 / 109		
Refrigerant (R410A)		kg 2,85		
Pipe diameter	Liquid pipe / Gas pipe	Inch (mm) 3/8 (9,52) / 5/8 (15,88)		
Pipe length range / Elevation difference (in/out)	m	3 - 30 / 20		
Pipe length for additional gas / Additional gas amount	m / g/m	10 / 50		
Operation range	Outdoor ambient	°C -27 - +35		
Water outlet	Heating / Cooling	°C 25 - 55 / 5 - 20		

Accessories		Accessories	
PAW-ADC-CV150	Decorative magnetic side cover	PAW-A2W-BIV	Bivalent control
PAW-BTANK50L	Buffer tank 50L	PAW-FILTER	Filter
PA-AW-WIFI-1TE	Wifi interface	PAW-A2W-RTWIRED	Temperature sensor

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INTERNET CONTROL- Optional.



A++
EER 55°C

A++
EER 35°C

A++
EER 55°C

INVERTER+

A CLASS
WATER PUMP

-15°C
CONSTANT HEATING

0°C
DHW

-27°C
HEATING MODE

ENERGIE
EFFICIENT

STOP
VALVE

FLOW
SENSOR

BOILER
CONNECTION

ADVANCED
CONTROL

INTERNET
CONTROL

BMS
CONNECTIVITY

5 YEARS
WARRANTY

10 YEARS
WARRANTY