

NEW Aquarea T-CAP All in One K Generation Single phase / Three phase. Heating and Cooling · R32

Energy efficiency: A+++ in heating at 35 °C and A+ in DHW / "A" water pump with variable speed / Stainless steel DHW tank with U-Vacua™ insulation panel / Built-in flow meter.

Flexibility: 598 x 600 footprint / Built-in magnetic water filter.

Comfort: Constant capacity down to -20 °C / Operating range down to -28 °C / 60 °C hot water even at -10 °C outside temperature.

Control: Optimised user interface and improved features (2 zone control, bivalent control).

Connectivity: Optional Aquarea Smart and Service Cloud and integration into BMS projects.



Kit	Single phase (power to indoor)		Three phase (power to indoor)			
	KIT-AXC09KE5	KIT-AXC12KE5	KIT-AXC09KE8	KIT-AXC12KE8		
Heating capacity / COP (A +7 °C, W 35 °C)	kW / COP	9,00/5,03	12,10/4,84	9,00/5,03	12,10/4,84	
Heating capacity / COP (A +7 °C, W 55 °C)	kW / COP	9,00/3,07	12,10/3,04	— / —	— / —	
Heating capacity / COP (A +2 °C, W 35 °C)	kW / COP	9,00/3,69	12,00/3,44	9,00/3,69	12,00/3,44	
Heating capacity / COP (A +2 °C, W 55 °C)	kW / COP	9,00/2,31	12,00/2,29	— / —	— / —	
Heating capacity / COP (A -7 °C, W 35 °C)	kW / COP	9,00/3,00	12,00/2,72	— / —	— / —	
Heating capacity / COP (A -7 °C, W 55 °C)	kW / COP	9,00/2,10	12,00/2,00	— / —	— / —	
Cooling capacity / EER (A 35 °C, W 7 °C)	kW / EER	8,80/3,11	10,70/2,68	8,80/3,11	10,70/2,68	
Cooling capacity / EER (A 35 °C, W 18 °C)	kW / EER	8,80/4,63	10,70/3,92	— / —	— / —	
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	4,96/3,57(195/140)	4,96/3,57(195/140)	4,96/3,57(195/140)	4,96/3,57(195/140)
	Energy class ¹⁾	A+++ to D	A+++/A++	A+++/A++	A+++/A++	A+++/A++
Heating warm climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	6,47/4,34(256/171)	6,47/4,34(256/171)	6,47/4,34(256/171)	6,47/4,34(256/171)
	Energy class ¹⁾	A+++ to D	A+++/A+++	A+++/A+++	A+++/A+++	A+++/A+++
Heating cold climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	4,31/3,26(169/127)	4,31/3,26(169/127)	4,31/3,26(169/127)	4,31/3,26(169/127)
	Energy class ¹⁾	A+++ to D	A++/A++	A++/A++	A++/A++	A++/A++
Indoor unit			WH-ADC0912K6E5	WH-ADC0912K6E5	WH-ADC0912K9E8***	WH-ADC0912K9E8***
Sound pressure	Heat / Cool	dB(A)	33/33	33/33	33/33	33/33
Dimension	H x W x D	mm	1642 x 599 x 602	1642 x 599 x 602	1642 x 599 x 602	1642 x 599 x 602
Net weight		kg	101	101	—	—
Water pipe connector		Inch	R 1¼	R 1¼	R 1¼	R 1¼
A class pump	Number of speeds		Variable Speed	Variable Speed	Variable Speed	Variable Speed
	Input power (Min/Max)	W	—/145	—/145	—/145	—/145
Heating water flow (ΔT=5 K, 35 °C)		L/min	25,8	34,4	25,8	34,4
Water volume		L	185	185	185	185
Maximum DHW temperature		°C	65	65	65	65
Material inside tank			Stainless steel	Stainless steel	Stainless steel	Stainless steel
Tapping profile according EN16147			L	L	L	L
DHW tank ERP efficiency average / warm / cold ²⁾		A+ to F	A/A+/A	A/A+/A	A/A+/A	A/A+/A
DHW tank ERP average climate η / COPdHWH		η _{wh} %/COPdHWH	112/2,80	112/2,80	112/2,80	112/2,80
DHW tank ERP warm climate η / COPdHWH		η _{wh} %/COPdHWH	132/3,30	132/3,30	132/3,30	132/3,30
DHW tank ERP cold climate η / COPdHWH		η _{wh} %/COPdHWH	88/2,20	88/2,20	88/2,20	88/2,20
Outdoor unit			WH-UXZ09KE5	WH-UXZ12KE5	WH-UXZ09KE8	WH-UXZ12KE8
Sound power ³⁾	Heat	dB(A)	65	65	65	65
Dimension / Net weight	H x W x D	mm / kg	1340 x 900 x 320/88	1340 x 900 x 320/88	1340 x 900 x 320/—	1340 x 900 x 320/—
Refrigerant (R32) / CO ₂ Eq.		kg / T	1,60/1,08	1,60/1,08	1,60/1,08	1,60/1,08
Piping diameter	Liquid / Gas	Inch (mm)	1/4(6,35)/1/2(12,70)	1/4(6,35)/1/2(12,70)	1/4(6,35)/1/2(12,70)	1/4(6,35)/1/2(12,70)
Pipe length range / Elevation difference (in / out)		m / m	3~30/20	3~30/20	3~30/20	3~30/20
Pre-charged pipe length / Additional gas amount		m / g/m	10/30	10/30	10/30	10/30
Operating range - outdoor ambient	Heat	°C	-28~+35	-28~+35	-28~+35	-28~+35
	Cool	°C	+10~+43	+10~+43	+10~+43	+10~+43
Water outlet	Heat / Cool	°C	20~60/5~20	20~60/5~20	20~60/5~20	20~60/5~20
Electrical information			WH-ADC0912K6E5	WH-ADC0912K6E5	WH-ADC0912K9E8***	WH-ADC0912K9E8***
Electric backup heater		kW	6,00	6,00	9,00	9,00
Recommended fuse		A	30/30	30/30	—/—	—/—
Recommended minimum cable size, supply 1 / 2 ⁴⁾		mm ²	3 x 4,0/3 x 4,0	3 x 4,0/3 x 4,0	—/—	—/—

1) Scale from A+++ to D. 2) Scale from A+ to F. 3) Sound power in accordance to 811/2013, 813/2013 and EN12102-1:2017 at +7 °C. 4) Check local regulations. * EER and COP calculation is based in accordance to EN14511. ** This product is designed to comply with the European Water Quality Directive 98/83/EC amended by 2015/1787/EU. The lifespan of the product is not guaranteed in the case of the use of groundwater, such as spring water or well water, the use of tap water when salt or other impurities are contained, nor in areas of acidic water quality. Maintenance and warranty costs related to these cases are the customer's responsibility. *** Available Autumn 23. **** Tentative data.

Accessories	
CZ-RTW1	Additional remote controller for K and L Generations
CZ-TAW1B	Aquarea Smart Cloud for remote control and maintenance through wireless or wired LAN
CZ-TAW1-CBL	10 m extension cable for CZ-TAW1B

Accessories	
CZ-NS5P	Additional functions PCB
PAW-A2W-RTWIRED	Room thermostat
PAW-A2W-RTWIRELESS	Wireless LCD room thermostat



INTERNET CONTROL: Optional.