

## NEW Aquarea T-CAP Bi-bloc 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 / Built-in flow meter.

**Flexibility:** 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.



### Tentative data

		Single phase (power to indoor)		Three phase (power to indoor)		
Kit 3 kW electric heater		KIT-WXC09K3E5	—	KIT-WXC09K3E8		
Kit 6 kW electric heater		KIT-WXC09K6E5	KIT-WXC12K6E5	—		
Kit 9 kW electric heater		—	—	KIT-WXC09K9E8	KIT-WXC12K9E8	
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 <sub>s</sub> , %)	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 <sup>1)</sup>		A+++ to D	A+++/A++	A+++/A++	A+++/A++
Heating warm climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η <sub>s</sub> , %)	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 <sup>1)</sup>		A+++ to D	A+++/A+++	A+++/A+++	A+++/A+++
Heating cold climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η <sub>s</sub> , %)	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 <sup>1)</sup>		A+++ to D	A++/A++	A++/A++	A++/A++
<b>Indoor unit 3 kW electric heater</b>		<b>WH-SXC09K3E5</b>	—	<b>WH-SXC09K3E8</b>		
<b>Indoor unit 6 kW electric heater</b>		<b>WH-SXC09K6E5</b>	<b>WH-SXC12K6E5</b>	—		
<b>Indoor unit 9 kW electric heater</b>		—	—	<b>WH-SXC09K9E8</b>	<b>WH-SXC12K9E8</b>	
Sound pressure	Heat / Cool	dB(A)	33/33	33/33	33/33	
Dimension	H x W x D	mm	892 x 500 x 348	892 x 500 x 348	892 x 500 x 348	
Net weight		kg	—	—	—	
Water pipe connector		Inch	R 1¼	R 1¼	R 1¼	
A class pump	Number of speeds		Variable Speed	Variable Speed	Variable Speed	
	Input power (Min/Max)	W	—/145	—/145	—/145	
Heating water flow (ΔT=5 K, 35 °C)		L/min	25,8	34,4	25,8	
<b>Outdoor unit</b>		<b>WH-UXZ09KE5</b>	<b>WH-UXZ12KE5</b>	<b>WH-UXZ09KE8</b>	<b>WH-UXZ12KE8</b>	
Sound power <sup>2)</sup>	Heat	dB(A)	65	65	65	
Dimension	H x W x D	mm	1340 x 900 x 320	1340 x 900 x 320	1340 x 900 x 320	
Net weight		kg	88	88	88	
Refrigerant (R32) / CO <sub>2</sub> Eq.		kg / T	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)	
Pipe length range		m	3~30	3~30	3~30	
Elevation difference (in / out)		m	20	20	20	
Pre-charged pipe length		m	10	10	10	
Additional gas amount		g/m	30	30	30	
Operating range - outdoor ambient	Heat	°C	-28~+35	-28~+35	-28~+35	
	Cool	°C	+10~+43	+10~+43	+10~+43	
Water outlet	Heat / Cool	°C	20~60/5~20	20~60/5~20	20~60/5~20	
<b>Electrical information</b>			<b>3 kW heater</b>	<b>6 kW heater</b>	<b>6 kW heater</b>	
Electric backup heater		kW	3,00	6,00	6,00	
Recommended fuse		A	—/—	—/—	—/—	
Recommended minimum cable size, supply 1 / 2 <sup>3)</sup>		mm <sup>2</sup>	—/—	—/—	—/—	

1) Scale from A+++ to D. 2) Sound power in accordance to 811/2013, 813/2013 and EN12102-1:2017 at +7 °C. 3) 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. \*\*\* Tentative data.

Accessories	
<b>CZ-RTW1</b>	Additional remote controller for K and L Generations
<b>PAW-TD20C1E5-1</b>	Tank 200 L - Stainless steel
<b>PAW-TD30C1E5-1</b>	Tank 300 L - Stainless steel
<b>PAW-TA20C1E5STD</b>	Tank 200 L - Enamelled
<b>PAW-TA30C1E5STD</b>	Tank 300 L - Enamelled
<b>PAW-3WYVLV-HW</b>	3 way valve for DHW tanks
<b>CZ-NV2</b>	3 way valve kit for inside of hydrokit for K and L Generations

Accessories	
<b>PAW-BTANK50L-2</b>	Buffer tank 50 L
<b>CZ-TAW1B</b>	Aquarea Smart Cloud for remote control and maintenance through wireless or wired LAN
<b>CZ-TAW1-CBL</b>	10 m extension cable for CZ-TAW1B
<b>CZ-NS5P</b>	Additional functions PCB
<b>PAW-A2W-MGTFILTER</b>	Magnet for the water filter
<b>PAW-A2W-RTWIRED</b>	Room thermostat
<b>PAW-A2W-RTWIREDLESS</b>	Wireless LCD room thermostat



INTERNET CONTROL: Optional.