

**NEW Aquarea T-CAP Hydraulic M Series Single phase / Three phase. Heating and Cooling - R290**

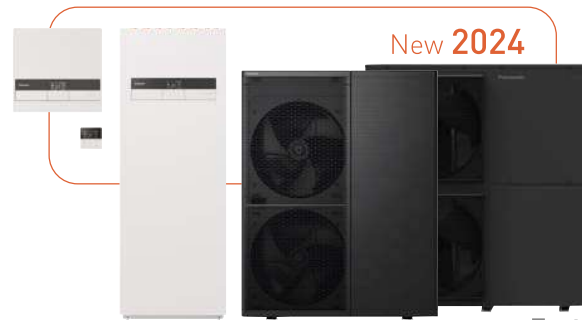
**Natural refrigerant R290 with GWP 3.**

**Energy efficiency:** A+++ in heating at 35 °C / Built-in flow meter.

**Flexibility:** Hydraulic connection between indoor and outdoor / Built-in magnetic water filter.

**Comfort:** Constant capacity down to -20 °C / Operation down to -28 °C / 75 °C water temperature at -15 °C outside / 55 °C hot water even at -25 °C outside temperature / Low noise level.

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



Tentative data

Indoor unit				Outdoor unit								
Backup heater capacity	DHW tank capacity	Electrical Anode	WH-	Heating capacity								
				Single phase				Three phase				
				9,0 kW	12,0 kW	9,0 kW	12,0 kW	16,0 kW	20,0 kW	25,0 kW	30,0 kW	
				WXG09ME5	WXG12ME5	WXG09ME8	WXG12ME8	WXG16ME8	WXG20ME8	WXG25ME8	WXG30ME8	
Hydraulic All in One	1ph	3 kW	185 L	✓	WH-ADC0316M3E52	✓	✓	—	—	—	—	—
					WH-ADC0316M3E5AN2	✓	✓	—	—	—	—	—
	3ph	6 kW	185 L	—	WH-ADC0316M6E52	✓	✓	—	—	—	—	
					WH-ADC0316M9E82	✓	✓	✓	✓	—	—	—
Control module	—	—	—	—	WH-CME5	✓	✓	—	—	—	—	
					WH-CME8	✓	✓	✓	—	—	—	
					WH-CME8L	—	—	—	—	✓	✓	✓
Remote controller with Wi-Fi adapter	—	—	—	—	CZ-RTW2TAW1C	✓	✓	✓	✓	✓	✓	

		Aquarea T-CAP M Series				Big Aquarea T-CAP M Series				
Outdoor unit	WH-	WXG09ME5	WXG12ME5	WXG09ME8	WXG12ME8	WXG16ME8	WXG20ME8	WXG25ME8	WXG30ME8	
Heating capacity / COP (A +7 °C, W 35 °C)	kW / COP	9,00/5,23	12,00/5,06	9,00/5,23	12,00/5,06	16,00/4,89	20,00/4,66	25,00/4,40	30,00/4,36	
Heating capacity / COP (A +7 °C, W 55 °C)	kW / COP	9,00/3,24	12,00/3,23	9,00/3,24	12,00/3,23	16,00/3,20	20,00/3,18	25,00/3,00	30,00/3,00	
Heating capacity / COP (A +2 °C, W 35 °C)	kW / COP	9,00/3,81	12,00/3,54	9,00/3,81	12,00/3,54	16,00/3,30	20,00/3,39	25,00/3,21	30,00/2,98	
Heating capacity / COP (A +2 °C, W 55 °C)	kW / COP	9,00/2,54	12,00/2,42	9,00/2,54	12,00/2,42	16,00/2,37	20,00/2,08	25,00/1,96	30,00/1,95	
Heating capacity / COP (A -7 °C, W 35 °C)	kW / COP	9,00/3,45	12,00/3,00	9,00/3,45	12,00/3,00	16,00/2,53	20,00/2,48	25,00/2,35	30,00/2,32	
Heating capacity / COP (A -7 °C, W 55 °C)	kW / COP	9,00/2,35	12,00/2,17	9,00/2,35	12,00/2,17	16,00/1,97	20,00/1,60	25,00/1,51	30,00/1,49	
Cooling capacity / EER (A 35 °C, W 7 °C)	kW / EER	9,00/3,61	9,00/3,61	9,00/3,61	9,00/3,61	9,00/3,61	20,00/3,12	25,00/2,95	30,00/2,02	
Cooling capacity / EER (A 35 °C, W 18 °C)	kW / EER	9,00/5,26	12,00/5,26	9,00/5,26	12,00/5,26	16,00/5,26	20,00/3,58	25,00/3,44	30,00/3,31	
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η <sub>s</sub> %)	4,96/3,57 (195/140)	5,00/3,46 (197/135)	4,96/3,57 (195/140)	5,00/3,46 (197/135)	4,20/3,31 (168/129)			
	Energy class <sup>1)</sup>	A+++ to D	A+++/A++	A+++/A++	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)	5,88/4,09 (232/160)			
	Energy class <sup>1)</sup>	A+++ to D	A+++/A+++	A+++/A+++	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)	3,83/3,20 (150/125)			
	Energy class <sup>1)</sup>	A+++ to D	A++/A++	A++/A++	A++/A++	A++/A++	A++/A++			
Sound power <sup>2)</sup>	Heat	dB(A)	52	53	52	53	57	60	60	
Dimension	HxWxD	mm	1340x900x320	1340x900x320	1691x1315x604	1691x1315x604	1691x1315x604	1645x1500x460	1645x1500x460	1645x1500x460
Net weight		kg	161	161	161	161	165	260	260	260
A class pump	Number of speeds		Variable speed	Variable speed	Variable speed	Variable speed	Variable speed			
	Input power (Min/Max)	W	30/175	30/175	30/175	30/175	30/175			
Heating water flow (ΔT=5 K, 35 °C)		L/min	25,8	34,4	25,8	34,4	45,9			
Refrigerant (R290) / CO <sub>2</sub> Eq. <sup>3)</sup>		kg / T	1,78/0,006	1,78/0,006	1,78/0,006	1,78/0,006	1,77/0,006	2,6/0,008	2,6/0,008	2,6/0,008
Operating range - outdoor ambient	Heat	°C	-28 ~ +35	-28 ~ +35	-28 ~ +35	-28 ~ +35	-28 ~ +35	-25 ~ +35	-25 ~ +35	-25 ~ +35
	Cool	°C	+10 ~ +43	+10 ~ +43	+10 ~ +43	+10 ~ +43	+10 ~ +43	+10 ~ +43	+10 ~ +43	+10 ~ +43
Water outlet	Heat / Cool	°C	25 ~ 75/ 5 ~ 20	25 ~ 75/ 5 ~ 20	25 ~ 75/ 5 ~ 20	25 ~ 75/ 5 ~ 20	25 ~ 75/ 5 ~ 20	20 ~ 75/ 5 ~ 20	20 ~ 75/ 5 ~ 20	20 ~ 75/ 5 ~ 20
Recommended RCD, supply		A	30	30	20	20	25			
Recommended minimum cable size, supply <sup>1)</sup>		mm <sup>2</sup>	3x4,0	3x4,0	5x1,5	5x1,5	5x2,5			

1) Scale from A+++ to D. 2) Sound power level in accordance to EN12102 under conditions of the EN14825. 3) WH-WXG models are hermetically sealed. 4) Check local regulations.\* EER and COP classification is at 230 V only in accordance with EU directive 2003/32/EC.



DHW A+ for All in One. INTERNET CONTROL: Wi-Fi adapter included.

## All in One:

**Energy efficiency:** A+ in DHW / DHW up to 65 °C without heater / Stainless steel DHW tank with U-Vacua™ insulation panel / DHW COP up to 3,60.

**Flexibility:** Backup heater included / Built-in 10 L expansion vessel / 30 m maximum height difference between indoor and outdoor / Installation in harsh water conditions (for models with Electrical Anode).

**Control:** All control functions / 2 CN-CNT ports / Optional PCB for advanced functions.

**Connectivity:** Wi-Fi adapter included / Optional integration into BMS.

Indoor unit			WH-ADC0316M3E52	WH-ADC0316M6E52	WH-ADC0316M9E82
Indoor unit with Electrical Anode			WH-ADC0316M3E5AN2	—	WH-ADC0316M9E8AN2
Sound pressure	Heat / Cool	dB(A)	22/22	22/22	22/22
Dimension	HxWxD	mm	1642x599x602	1642x599x602	1642x599x602
Net weight		kg	89	89	89
Water pipe connector	Room	Inch	1¼	1¼	1¼
	Shower	Inch	3/4	3/4	3/4
Water volume		L	185	185	185
Maximum DHW temperature		°C	65	65	65
Material inside tank			Stainless steel	Stainless steel	Stainless steel
Water pipe connector (indoor / outdoor units)		Inch	1¼/1¼	1¼/1¼	1¼/1¼
Pipe length range standard / maximum		m	5/30	5/30	5/30
Elevation difference (in / out)		m	30	30	30
Electric backup heater		kW	3,00	6,00	9,00
Recommended RCD, supply		A	16	30	20
Recommended minimum cable size, supply <sup>1)</sup>		mm <sup>2</sup>	3x1,5	3x4,0	5x1,5
Connecting cable to the outdoor unit size		mm <sup>2</sup>	2x0,75	2x0,75	2x0,75

### Domestic Hot Water energy efficiency

Indoor unit	WH-	ADC0316M3E52	ADC0316M3E52	ADC0316M9E82	ADC0316M9E82	ADC0316M9E82
		ADC0316M3E5AN2	ADC0316M3E5AN2	ADC0316M9E8AN2	ADC0316M9E8AN2	ADC0316M9E8AN2
Outdoor unit		WH-WXG09ME5	WH-WXG12ME5	WH-WXG09ME8	WH-WXG12ME8	WH-WXG16ME8
Tapping profile according EN16147		L	L	L	L	L
DHW tank ERP efficiency average / warm / cold <sup>2)</sup>	A+ to F	A+ / A+ / A	A+ / A+ / A	A+ / A+ / A	A+ / A+ / A	A+ / A+ / A
DHW tank ERP average climate $\eta$ / COPdHW	$\eta_{wh} \%$ / COPdHW	123/3,00	123/3,00	123/3,00	123/3,00	117/2,85
DHW tank ERP warm climate $\eta$ / COPdHW	$\eta_{wh} \%$ / COPdHW	132/3,30	132/3,30	132/3,30	132/3,30	128/3,20
DHW tank ERP cold climate $\eta$ / COPdHW	$\eta_{wh} \%$ / COPdHW	88/2,20	88/2,20	88/2,20	88/2,20	84/2,10

1) Check local regulations. 2) Scale from A+ to F. \*\* This product is designed to comply with the European drinking water standard [EU] 2020/2184. 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.

## Control module:

**Flexibility:** Simplified installation / Minimal interior space required / Supports third-party backup heater.

**Control:** All control functions / 2 CN-CNT ports / Optional PCB for advanced functions.

**Connectivity:** Wi-Fi adapter included / Optional integration into BMS.

Indoor unit			WH-CME5	WH-CME8	WH-CME8L
Dimension	HxWxD	mm	450x450x117	450x450x117	450x450x117
Net weight		kg	7	7	7
Field supply electrical backup heater		kW	Up to 3 kW	Up to 9 kW	
Recommended RCD, supply		A	16	30	20
Recommended minimum cable size, supply <sup>1)</sup>		mm <sup>2</sup>	3x1,5	3x4,0	5x1,5
Connecting cable to the outdoor unit size		mm <sup>2</sup>	2x0,75	2x0,75	

1) Check local regulations.

### Common accessories

<b>CZ-RTW2TAW1C</b>	Remote controller with Wi-Fi adapter (required for stand-alone outdoor units), M Series
<b>CZ-RTW2</b>	Optional remote controller for 2 zone control, M Series
<b>CZ-NS6P</b>	PCB for advanced functions, M Series All in One and Bi-bloc
<b>CZ-NS7P</b>	PCB for advanced functions, M Series control module
<b>PAW-A2W-RTWIRED</b>	Room thermostat
<b>PAW-A2W-RTWIREDLESS</b>	Wireless LCD room thermostat
<b>PAW-A2W-AFVLV-1</b>	1 antifreeze valve. It is required to order 2 valves per system

### Bi-bloc accessories

<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>PAW-BTANK50L-2</b>	Buffer tank 50 L
<b>PAW-BTANK100L</b>	Buffer tank 100 L
<b>PAW-BTANKG200L</b>	Buffer tank 200 L
<b>PAW-BTANKG260L</b>	Buffer tank 260 L

## Aquarea T-CAP Mono-bloc J Series Single phase / Three phase. Heating and Cooling - MXC - R32

**Energy efficiency:** A+++ in heating at 35 °C / "A" water pump with variable speed / Built-in flow meter.

**Flexibility:** Built-in magnetic water filter.

**Comfort:** Constant capacity and operating range down to -20 °C / 65 °C water outlet temperature.

**Control:** Additional functions with optional PCB (2 zone control, bivalent control, Smart Grid contact and more).

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

011-1W0463, 011-1W0464, 011-1W0562,  
011-1W0563, 011-1W0564, 011-1W0565.  
For 9 and 12 kW single and three phase.



		Single phase			Three phase		
Outdoor unit		WH-MXC09J3E5	WH-MXC12J6E5	WH-MXC09J3E8	WH-MXC12J9E8	WH-MXC16J9E8	
Heating capacity / COP (A +7 °C, W 35 °C)	kW / COP	9,00/5,08	12,00/4,80	9,00/5,08	12,00/4,80	16,00/4,52	
Heating capacity / COP (A +7 °C, W 55 °C)	kW / COP	9,00/3,08	12,00/3,05	9,00/3,08	12,00/3,05	16,00/2,86	
Heating capacity / COP (A +2 °C, W 35 °C)	kW / COP	9,00/3,81	12,00/3,53	9,00/3,81	12,00/3,53	16,00/3,10	
Heating capacity / COP (A +2 °C, W 55 °C)	kW / COP	9,00/2,54	12,00/2,42	9,00/2,54	12,00/2,42	16,00/2,07	
Heating capacity / COP (A -7 °C, W 35 °C)	kW / COP	9,00/3,08	12,00/2,82	9,00/3,08	12,00/2,82	16,00/2,39	
Heating capacity / COP (A -7 °C, W 55 °C)	kW / COP	9,00/2,12	12,00/2,00	9,00/2,12	12,00/2,00	16,00/1,71	
Cooling capacity / EER (A 35 °C, W 7 °C)	kW / EER	9,00/3,18	12,00/2,90	9,00/3,09	12,00/2,84	14,50/2,84	
Cooling capacity / EER (A 35 °C, W 18 °C)	kW / EER	9,00/4,62	12,00/3,95	9,00/4,46	12,00/3,79	16,00/3,75	
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)	4,46/3,31(176/129)
	Energy class <sup>1)</sup>	A+++ to D	A+++ / A++	A+++ / A++	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)	5,88/4,09(232/160)
	Energy class <sup>1)</sup>	A+++ to D	A+++ / A+++	A+++ / A+++	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)	3,83/3,20(150/125)
	Energy class <sup>1)</sup>	A+++ to D	A++ / A++	A++ / A++	A++ / A++	A++ / A++	A++ / A++
Sound power <sup>2)</sup>	Heat	dB(A)	61	61	61	61	63
Dimension	H x W x D	mm	1410 x 1283 x 320	1410 x 1283 x 320	1410 x 1283 x 320	1410 x 1283 x 320	1410 x 1283 x 320
Net weight		kg	140	140	140	140	150
Refrigerant (R32) / CO <sub>2</sub> Eq. <sup>3)</sup>		kg / T	1,60/1,080	1,60/1,080	1,60/1,080	1,60/1,080	1,80/1,215
Water pipe connector		Inch	R 1½	R 1½	R 1½	R 1½	R 1½
Pump	Number of speeds		Variable speed	Variable speed	Variable speed	Variable speed	Variable speed
	Input power (Min/Max)	W	32/145	34/145	145	145	145
Heating water flow [ΔT=5 K, 35 °C]		L/min	25,8	34,4	25,8	34,4	45,9
Electric backup heater		kW	3,00	6,00	3,00	9,00	9,00
Input power	Heat	kW	1,77	2,50	1,77	2,50	3,54
	Cool	kW	2,83	4,14	2,91	4,23	5,11
Running and starting current	Heat	A	8,3	11,6	2,6	3,7	5,3
	Cool	A	13,1	19,1	4,3	6,3	7,6
Current 1		A	29,0	29,0	14,7	11,8	16,4
Current 2		A	13,0	26,0	13,0	13,0	13,0
Recommended fuse, supply 1 / 2		A	30/30	30/30	20/16	20/20	20/20
Recommended minimum cable size, supply 1 / 2 <sup>4)</sup>		mm <sup>2</sup>	3x4,0/3x4,0	3x4,0/3x4,0	5x1,5/3x1,5	5x1,5/5x1,5	5x2,5/5x1,5
Operating range - outdoor ambient	Heat	°C	-20 ~ +35	-20 ~ +35	-20 ~ +35	-20 ~ +35	-20 ~ +35
	Cool	°C	10 ~ +43	10 ~ +43	10 ~ +43	10 ~ +43	10 ~ +43
Water outlet <sup>5)</sup>	Heat	°C	20 ~ 65	20 ~ 65	20 ~ 65	20 ~ 65	20 ~ 65
	Cool	°C	5 ~ 20	5 ~ 20	5 ~ 20	5 ~ 20	5 ~ 20

1) Scale from A+++ to D. 2) Sound power level in accordance to EN12102 under conditions of the EN14825. 3) WH-MXC models are hermetically sealed. 4) Check local regulations. 5) It is possible to set temperature by 65 °C on remote controller. Normally, outlet water temperature is 60 °C or lower. In case of ΔT setting with remote controller is 15 °C and the outdoor ambient temperature is 5 to 20 °C, outlet water temperature 65 °C is possible. \* EER and COP calculation is based in accordance to EN14511.

Accessories	
PAW-TD20C1E5-1	Tank 200 L - Stainless steel
PAW-TD30C1E5-1	Tank 300 L - Stainless steel
PAW-TA20C1E5STD	Tank 200 L - Enamelled
PAW-TA30C1E5STD	Tank 300 L - Enamelled
PAW-TD20B8E3-2	Combo Tank 185 L + 80 L - Enamelled
PAW-TD23B6E5	Combo Tank 230 L + 60 L - Stainless steel
PAW-3WYVLV-HW	3 way valve for DHW tanks
PAW-BTANK50L-2	Buffer tank 50 L

Accessories	
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
PAW-A2W-AFVLV-1	1 antifreeze valve. It is required to order 2 valves per system
PAW-A2W-RTWIRED	Room thermostat
PAW-A2W-RTWIREDLESS	Wireless LCD room thermostat



INTERNET CONTROL: Optional.

**Aquarea EcoFlex. Single phase. Heating and Cooling - R32**

**Energy efficiency:** Heat recovery function, to re-use wasted heat of outdoor unit for DHW production.

**Flexibility:** Small foot print outdoor unit, tank unit with a standard size of appliances.

**Comfort:** Non-stop heating operation / nanoe™ X technology to improve protection 24/7 (nanoe X Generator Mark 2).

**Connectivity:** Wi-Fi adapter included via Aquarea Smart Cloud or Panasonic Comfort Cloud App.



		<b>WH-ADF0309J3E5CM</b>		
Heating capacity / COP [A +7 °C, W 35 °C]		kW / COP	8,00 / 4,21	
Heating capacity / COP [A +7 °C, W 55 °C]		kW / COP	8,00 / 2,81	
Heating capacity / COP [A +2 °C, W 35 °C]		kW / COP	6,70 / 3,25	
Heating capacity / COP [A +2 °C, W 55 °C]		kW / COP	6,00 / 2,08	
Heating capacity / COP [A -7 °C, W 35 °C]		kW / COP	5,60 / 2,84	
Heating capacity / COP [A -7 °C, W 55 °C]		kW / COP	5,30 / 1,91	
Cooling capacity / EER [A 35 °C, W 7 °C]		kW / EER	—	
Cooling capacity / EER [A 35 °C, W 18 °C]		kW / EER	—	
Air to water	Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency SCOP [η <sub>s</sub> %]	4,00 / 3,20 (157 / 125)	
		Energy class <sup>1)</sup>	A+++ to D	
	Heating warm climate (W 35 °C / W 55 °C)	Seasonal energy efficiency SCOP [η <sub>s</sub> %]	5,69 / 3,69 (224 / 145)	
		Energy class <sup>1)</sup>	A+++ to D	
	Heating cold climate (W 35 °C / W 55 °C)	Seasonal energy efficiency SCOP [η <sub>s</sub> %]	3,61 / 2,80 (141 / 109)	
		Energy class <sup>1)</sup>	A+ / A+	
	Sound pressure	Heat / Cool	dB(A)	28 / —
	Dimension / Net weight	H x W x D	mm / kg	1880 x 598 x 600 / 108
	Electric backup heater		kW	3,00
	Water volume		L	185
	Maximum DHW temperature		°C	65
	Heating water flow (ΔT=5 K, 35 °C)		L/min	22,90
	Tapping profile according EN16147			L
	DHW tank ERP efficiency average / warm / cold <sup>2)</sup>		A+ to F	A / A+ / A
	DHW tank ERP average climate η / COP <sub>dhw</sub>		η <sub>wh</sub> % / COP <sub>dhw</sub>	104 / 2,60
DHW tank ERP warm climate η / COP <sub>dhw</sub>		η <sub>wh</sub> % / COP <sub>dhw</sub>	134 / 3,35	
DHW tank ERP cold climate η / COP <sub>dhw</sub>		η <sub>wh</sub> % / COP <sub>dhw</sub>	92 / 2,30	
Heat recovery capacity [DHW 55 °C]		kW	7,10 + 9,00	
Heat recovery input power [DHW 55 °C]		kW	3,15	
Heat recovery COP [DHW 55 °C]			5,11	
Water outlet		°C	20 - 55	
		<b>S-71WF3E</b>		
Air to air	Cooling capacity	Nominal	kW	7,10
	EER <sup>3)</sup>	Nominal	W/W	3,40
	<b>SEER <sup>4)</sup></b>			<b>5,60 A+</b>
	P <sub>design</sub> (cooling)		kW	7,10
	Heating capacity	Nominal	kW	7,10
	COP <sup>3)</sup>	Nominal	W/W	3,90
	<b>SCOP <sup>4)</sup></b>			<b>3,90 A</b>
	P <sub>design</sub> at -10 °C		kW	4,80
	External static pressure <sup>5)</sup>		Pa	30 (10 - 150)
	Air flow		m <sup>3</sup> /min	22,7
	Sound pressure <sup>6)</sup>	Cool / Heat (Hi)	dB(A)	34 / 34
	Sound power <sup>7)</sup>	Cool / Heat (Hi)	dB(A)	57 / 57
	Dimension / Net weight	H x W x D	mm / kg	250 x 1000 x 730 / 30
	nanoe X Generator			Mark 2
			<b>CU-2WZ71YBE5</b>	
Outdoor unit	Sound pressure	Cool / Heat (air to air)	dB(A)	49 / 49
	Sound power <sup>7)</sup>	Cool / Heat (air to air)	dB(A)	68 / 67
	Sound pressure	Heat (air to water)	dB(A)	51
	Sound power <sup>8)</sup>	Heat (air to water)	dB(A)	61
	Dimension / Net weight	H x W x D	mm / kg	999 x 940 x 340 / 82
	Refrigerant (R32) / CO <sub>2</sub> Eq.		kg / T	2,40 / 1,62
	Piping diameter	Liquid / Gas	Inch (mm)	1/4 (6,35) / 1/2 (12,70)
	Pipe length range / Elevation difference (in / out)		m / m	35 / 30
	Pre-charged pipe length / Additional gas amount		m / g/m	30 / 20
	Operating range - outdoor ambient	Heat (air to air)	°C	-15 ~ +24
		Cool (air to air)	°C	-10 ~ +46
		Heat (air to water)	°C	-15 ~ +35
		Heat recovery (floor / DHW)	°C	+10 ~ +35 / +10 ~ +46

1) Scale from A+++ to D. 2) Scale from A+ to F. 3) EER and COP calculation is based in accordance to EN14511. 4) SEER and SCOP is calculated based on values of EU/626/2011. 5) Medium external static pressure setting from factory. 6) The sound pressure of the units shows the value measured of the position 1,5 m below the unit. The sound pressure is measured in accordance with Eurovent 6/C/006-97 specification. 7) Sound power is measured in accordance with EN14511 and EN12102-1:2017 at +7 °C. 8) Sound power in accordance to 811/2013, 813/2013 and EN12102-1:2017 at +7 °C.



INTERNET CONTROL: Wi-Fi adapter included



**Aquarea T-CAP All in One K Series 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.



		Single phase (power to indoor)			Three phase (power to indoor)	
Kit		KIT-AXC09K6E5	KIT-AXC12K6E5	KIT-AXC09K9E8*	KIT-AXC12K9E8*	KIT-AXC16K9E8*
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	16,00/4,38
Heating capacity / COP [A +7 °C, W 55 °C]	kW / COP	9,00/3,07	12,10/3,04	9,00/3,07	12,10/3,04	16,00/2,72
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	16,00/3,10
Heating capacity / COP [A +2 °C, W 55 °C]	kW / COP	9,00/2,31	12,00/2,29	9,00/2,31	12,00/2,29	16,00/2,07
Heating capacity / COP [A -7 °C, W 35 °C]	kW / COP	9,00/3,00	12,00/2,72	9,00/3,00	12,00/2,72	16,00/2,39
Heating capacity / COP [A -7 °C, W 55 °C]	kW / COP	9,00/2,10	12,00/2,29	9,00/2,10	12,00/2,29	16,00/1,71
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	13,40/2,64
Cooling capacity / EER [A 35 °C, W 18 °C]	kW / EER	8,80/4,63	10,70/3,92	8,80/4,63	10,70/3,92	13,40/2,64
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)	4,58/3,46(180/135)	4,46/3,31(176/129)
	Energy class <sup>1)</sup>	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 <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)	5,88/4,09(232/160)
	Energy class <sup>1)</sup>	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 <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)	3,83/3,20(150/125)
	Energy class <sup>1)</sup>	A+++ to D	A++/A++	A++/A++	A++/A++	A++/A++
<b>Indoor unit</b>		<b>WH-ADC0912K6E5</b>	<b>WH-ADC0912K6E5</b>	<b>WH-ADC0912K9E8</b>	<b>WH-ADC0912K9E8</b>	<b>WH-ADC16K9E8</b>
Sound pressure	Heat / Cool	33/33	33/33	33/33	33/33	33/33
Dimension	HxWxD	1642x599x602	1642x599x602	1642x599x602	1642x599x602	1642x599x602
Net weight		101	101	102	102	103
Water pipe connector		R 1½	R 1½	R 1½	R 1½	R 1½
A class pump	Number of speeds	Variable speed	Variable speed	Variable speed	Variable speed	Variable speed
	Input power	W	145	145	145	173
Heating water flow [ΔT=5 K, 35 °C]	L/min	25,8	34,4	25,8	34,4	45,9
Water volume	L	185	185	185	185	185
Maximum DHW temperature	°C	65	65	65	65	65
Material inside tank		Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Tapping profile according EN16147		L	L	L	L	L
DHW tank ERP efficiency average / warm / cold <sup>2)</sup>	A+ to F	A/A+/A	A/A+/A	A/A+/A	A/A+/A	A/A+/A
DHW tank ERP average climate η / COPdHW	η <sub>wh</sub> % / COPdHW	112/2,80	112/2,80	112/2,80	112/2,80	107/2,68
DHW tank ERP warm climate η / COPdHW	η <sub>wh</sub> % / COPdHW	132/3,30	132/3,30	132/3,30	132/3,30	128/3,20
DHW tank ERP cold climate η / COPdHW	η <sub>wh</sub> % / COPdHW	88/2,20	88/2,20	88/2,20	88/2,20	84/2,10
<b>Outdoor unit</b>		<b>WH-UXZ09KE5</b>	<b>WH-UXZ12KE5</b>	<b>WH-UXZ09KE8</b>	<b>WH-UXZ12KE8</b>	<b>WH-UXZ16KE8</b>
Sound power <sup>3)</sup>	Heat	65	65	65	65	65
Dimension / Net weight	HxWxD	1340x900x320/88	1340x900x320/88	1340x900x320/90	1340x900x320/90	1340x900x320/103
Refrigerant [R32] / CO <sub>2</sub> Eq.	kg / T	1,60/1,080	1,60/1,080	1,60/1,080	1,60/1,080	1,83/1,235
Piping diameter	Liquid / Gas	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)	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	3-30/20
Pre-charged pipe length / Additional gas amount	m / g/m	10/30	10/30	10/30	10/30	10/30
Operating range - outdoor ambient	Heat	-28 ~ +35	-28 ~ +35	-28 ~ +35	-28 ~ +35	-28 ~ +35
	Cool	+10 ~ +43	+10 ~ +43	+10 ~ +43	+10 ~ +43	+10 ~ +43
Water outlet <sup>4)</sup>	Heat / Cool	20-60/5-20	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	WH-ADC16K9E8
Electric backup heater	kW	6,00	6,00	9,00	9,00	9,00
Recommended fuse	A	30/30	30/30	20/20	20/20	20/20
Recommended minimum cable size, supply 1 / 2 <sup>5)</sup>	mm <sup>2</sup>	3x4,0/3x4,0	3x4,0/3x4,0	5x1,5/5x1,5	5x1,5/5x1,5	5x2,5/5x1,5

1) Scale from A+++ to D. 2) Scale from A+ to F. 3) Sound power level in accordance to EN12102 under conditions of the EN14825. 4) Between outdoor ambient -10 °C and -15 °C, the water outlet temperature gradually decreases from 60 °C to 55 °C. 5) Check local regulations. \* Available in Summer 2024. \*\* EER and COP classification is at 230 V only in accordance with EU directive 2003/32/EC. \*\*\* This product is designed to comply with the European drinking water standard [EU] 2020/2184. 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.

Accessories	
<b>CZ-RTW1</b>	Optional remote controller for 2 zone control. K and L Series
<b>CZ-TAW1B</b>	Aquarea Smart Cloud for remote control and maintenance through wireless or wired LAN

Accessories	
<b>CZ-TAW1-CBL</b>	10 m extension cable for CZ-TAW1B
<b>CZ-NS5P</b>	PCB for advanced functions
<b>PAW-A2W-RTWIRED</b>	Room thermostat
<b>PAW-A2W-RTWIREDLESS</b>	Wireless LCD room thermostat



INTERNET CONTROL: Optional.

## Aquarea T-CAP All in One K Series Single phase / Three phase. Heating and Cooling with Electrical Anode - 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-AXC09K6E5AN	KIT-AXC12K6E5AN	KIT-AXC09K9E8AN	KIT-AXC12K9E8AN	KIT-AXC16K9E8AN		
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	16,00/4,38
Heating capacity / COP (A +7 °C, W 55 °C)	kW / COP		9,00/3,07	12,10/3,04	9,00/3,07	12,10/3,04	16,00/2,72
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	16,00/3,10
Heating capacity / COP (A +2 °C, W 55 °C)	kW / COP		9,00/2,31	12,00/2,29	9,00/2,31	12,00/2,29	16,00/2,07
Heating capacity / COP (A -7 °C, W 35 °C)	kW / COP		9,00/3,00	12,00/2,72	9,00/3,00	12,00/2,72	16,00/2,39
Heating capacity / COP (A -7 °C, W 55 °C)	kW / COP		9,00/2,10	12,00/2,29	9,00/2,10	12,00/2,29	16,00/1,71
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	13,40/2,64
Cooling capacity / EER (A 35 °C, W 18 °C)	kW / EER		8,80/4,63	10,70/3,92	8,80/4,63	10,70/3,92	13,40/2,64
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)	4,58/3,46(180/135)	4,46/3,31(176/129)
	Energy class <sup>1)</sup>		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 <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)	5,88/4,09(232/160)
	Energy class <sup>1)</sup>		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 <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)	3,83/3,20(150/125)
	Energy class <sup>1)</sup>		A+++ to D	A++ / A++	A++ / A++	A++ / A++	A++ / A++
<b>Indoor unit</b>	<b>WH-</b>	<b>ADC0912K6E5AN</b>	<b>ADC0912K6E5AN</b>	<b>ADC0912K9E8AN</b>	<b>ADC0912K9E8AN</b>	<b>ADC16K9E8AN</b>	
Sound pressure	Heat / Cool	dB(A)		33/33	33/33	33/33	33/33
Dimension	HxWxD	mm		1642x599x602	1642x599x602	1642x599x602	1642x599x602
Net weight		kg		101	101	102	103
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	Variable speed
	Input power	W		145	145	145	173
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	Stainless steel
Tapping profile according EN16147		L		L	L	L	L
DHW tank ERP efficiency average / warm / cold <sup>2)</sup>		A+ to F		A / A+ / A	A / A+ / A	A / A+ / A	A / A+ / A
DHW tank ERP average climate η / COPdHWH		η <sub>wh</sub> % / COPdHWH		112/2,80	112/2,80	112/2,80	107/2,68
DHW tank ERP warm climate η / COPdHWH		η <sub>wh</sub> % / COPdHWH		132/3,30	132/3,30	132/3,30	128/3,20
DHW tank ERP cold climate η / COPdHWH		η <sub>wh</sub> % / COPdHWH		88/2,20	88/2,20	88/2,20	84/2,10
<b>Outdoor unit</b>	<b>WH-UXZ09KE5</b>	<b>WH-UXZ12KE5</b>	<b>WH-UXZ09KE8</b>	<b>WH-UXZ12KE8</b>	<b>WH-UXZ16KE8</b>		
Sound power <sup>3)</sup>	Heat	dB(A)		65	65	65	65
Dimension / Net weight	HxWxD	mm / kg		1340x900x320/88	1340x900x320/88	1340x900x320/90	1340x900x320/103
Refrigerant (R32) / CO <sub>2</sub> Eq.		kg / T		1,60/1,080	1,60/1,080	1,60/1,080	1,83/1,235
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-ADC0912K6E5AN	WH-ADC0912K6E5AN	WH-ADC0912K9E8AN	WH-ADC0912K9E8AN	WH-ADC16K9E8AN
Electric backup heater	kW		6,00	6,00	9,00
Recommended fuse	A		30/30	30/30	20/20
Recommended minimum cable size, supply 1 / 2 <sup>4)</sup>	mm <sup>2</sup>		3x4,0/3x4,0	3x4,0/3x4,0	5x1,5/5x1,5

1) Scale from A+++ to D, 2) Scale from A+ to F, 3) Sound power level in accordance to EN12102 under conditions of the EN14825, 4) Between outdoor ambient -10 °C and -15 °C, the water outlet temperature gradually decreases from 60 °C to 55 °C, 5) Check local regulations. \* Available in Summer 2024. \*\* EER and COP classification is at 230 V only in accordance with EU directive 2003/32/EC. \*\*\* This product is designed to comply with the European drinking water standard (EU) 2020/2184. 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.

Accessories	
<b>CZ-RTW1</b>	Optional remote controller for 2 zone control. K and L Series
<b>CZ-TAW1B</b>	Aquarea Smart Cloud for remote control and maintenance through wireless or wired LAN

Accessories	
<b>CZ-TAW1-CBL</b>	10 m extension cable for CZ-TAW1B
<b>CZ-NS5P</b>	PCB for advanced functions
<b>PAW-A2W-RTWIRED</b>	Room thermostat
<b>PAW-A2W-RTWIREDLESS</b>	Wireless LCD room thermostat



INTERNET CONTROL: Optional.

## Aquarea T-CAP All in One H Series Three phase. Heating and Cooling - R410A

**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:** Optional magnet for the water filter.

**Comfort:** Constant capacity down to -20 °C / Operating range down to -28 °C / 60 °C water outlet temperature.

**Control:** Additional functions with optional PCB (2 zone control, bivalent control, Smart Grid contact and more).

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



011-1W0510  
011-1W0511



Kit		Three phase (power to indoor)			
		KIT-AXC09HE8	KIT-AXC12HE8	KIT-AXC16HE8	
Heating capacity / COP [A +7 °C, W 35 °C]	kW / COP	9,00/4,84	12,00/4,74	16,00/4,28	
Heating capacity / COP [A +7 °C, W 55 °C]	kW / COP	9,00/2,94	12,00/2,88	16,00/2,71	
Heating capacity / COP [A +2 °C, W 35 °C]	kW / COP	9,00/3,59	12,00/3,44	16,00/3,10	
Heating capacity / COP [A +2 °C, W 55 °C]	kW / COP	9,00/2,21	12,00/2,19	16,00/2,13	
Heating capacity / COP [A -7 °C, W 35 °C]	kW / COP	9,00/2,85	12,00/2,72	16,00/2,49	
Heating capacity / COP [A -7 °C, W 55 °C]	kW / COP	9,00/2,02	12,00/1,92	16,00/1,86	
Cooling capacity / EER [A 35 °C, W 7 °C]	kW / EER	7,00/3,17	10,00/2,81	12,20/2,57	
Cooling capacity / EER [A 35 °C, W 18 °C]	kW / EER	7,00/5,19	10,00/5,13	12,20/3,49	
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η <sub>s</sub> , %)	4,59/3,32(181/130)	4,32/3,32(170/130)	4,08/3,20(160/125)
	Energy class <sup>1)</sup>		A+++ / A++	A++ / A++	A++ / A++
Heating warm climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η <sub>s</sub> , %)	5,95/4,02(235/158)	5,86/4,02(231/158)	5,86/4,05(231/159)
	Energy class <sup>1)</sup>		A+++ / A+++	A+++ / A+++	A+++ / A+++
Heating cold climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η <sub>s</sub> , %)	4,08/3,20(160/125)	4,08/3,20(160/125)	3,83/3,20(150/125)
	Energy class <sup>1)</sup>		A++ / A++	A++ / A++	A++ / A++
<b>Indoor unit</b>		<b>WH-ADC0916H9E8</b>	<b>WH-ADC0916H9E8</b>	<b>WH-ADC0916H9E8</b>	
Sound pressure	Heat / Cool	dB(A)	33/33	33/33	33/33
Dimension	HxWxD	mm	1800x598x717	1800x598x717	1800x598x717
Net weight		kg	126	126	126
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	36/152	36/152	36/152
Heating water flow (ΔT=5 K, 35 °C)		L/min	25,8	34,4	45,9
Electric backup heater		kW	9,00	9,00	9,00
Recommended fuse		A	16/16	16/16	16/16
Recommended minimum cable size, supply 1 / 2 <sup>2)</sup>		mm²	5x1,5/5x1,5	5x1,5/5x1,5	5x1,5/5x1,5
Water volume		L	185	185	185
Maximum DHW temperature		°C	65	65	65
Material inside tank			Stainless steel	Stainless steel	Stainless steel
Tapping profile according EN16147			L	L	L
DHW tank ERP efficiency average / warm / cold <sup>3)</sup>		A+ to F	A/A/A	A/A/A	A/A/B
DHW tank ERP average climate η / COPdHW		η <sub>wh</sub> % / COPdHW	95/2,37	95/2,37	91/2,27
DHW tank ERP warm climate η / COPdHW		η <sub>wh</sub> % / COPdHW	110/2,75	110/2,75	107/2,67
DHW tank ERP cold climate η / COPdHW		η <sub>wh</sub> % / COPdHW	75/1,87	75/1,87	72/1,80
<b>Outdoor unit</b>		<b>WH-UX09HE8</b>	<b>WH-UX12HE8</b>	<b>WH-UX16HE8</b>	
Sound power <sup>4)</sup>	Heat	dB(A)	65	65	67
Dimension / Net weight	HxWxD	mm / kg	1340x900x320/108	1340x900x320/108	1340x900x320/118
Refrigerant (R410A) / CO <sub>2</sub> Eq.		kg / T	2,85/5,951	2,85/5,951	2,90/6,055
Piping diameter	Liquid / Gas	Inch (mm)	3/8(9,52)/5/8(15,88)	3/8(9,52)/5/8(15,88)	3/8(9,52)/5/8(15,88)
Pipe length range / Elevation difference (in / out)		m / m	3-30/20	3-30/20	3-30/20
Pre-charged pipe length / Additional gas amount		m / g/m	10/50	10/50	10/50
Operating range - outdoor ambient	Heat	°C	-28~+35	-28~+35	-28~+35
	Cool	°C	+16~+43	+16~+43	+16~+43
Water outlet	Heat / Cool	°C	20~60/5~20	20~60/5~20	20~60/5~20

1) Scale from A+++ to D. 2) Check local regulations. 3) Scale from A+ to F. 4) Sound power in accordance to 811/2013, 813/2013 and EN12102-1:2017 at +7 °C. \* EER and COP calculation is based in accordance to EN14511. \*\* This product is designed to comply with the European drinking water standard (EU) 2020/2184. 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.

### Accessories

<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-NS4P</b>	PCB for advanced functions

### Accessories

<b>PAW-A2W-MGTFILTER</b>	Magnet for the water filter
<b>PAW-A2W-RTWIRED</b>	Room thermostat
<b>PAW-A2W-RTWIRELESS</b>	Wireless LCD room thermostat



INTERNET CONTROL: Optional.

## Aquarea T-CAP All in One H Series Three phase. Super Quiet outdoor unit. Heating and Cooling - R410A

**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:** Optional magnet for the water filter.

**Comfort:** Low noise level / Constant capacity down to -20 °C / Operating range down to -28 °C / 60 °C water outlet temperature.

**Control:** Additional functions with optional PCB (2 zone control, bivalent control, Smart Grid contact and more).

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



### Three phase (power to indoor)

Kit		KIT-AQC09HE8		KIT-AQC12HE8		KIT-AQC16HE8	
Heating capacity / COP (A +7 °C, W 35 °C)		kW / COP		12,00/4,74		16,00/4,28	
Heating capacity / COP (A +7 °C, W 55 °C)		kW / COP		12,00/2,94		16,00/2,71	
Heating capacity / COP (A +2 °C, W 35 °C)		kW / COP		12,00/3,44		16,00/3,10	
Heating capacity / COP (A +2 °C, W 55 °C)		kW / COP		12,00/2,19		16,00/2,13	
Heating capacity / COP (A -7 °C, W 35 °C)		kW / COP		12,00/2,72		16,00/2,49	
Heating capacity / COP (A -7 °C, W 55 °C)		kW / COP		12,00/1,92		16,00/1,86	
Cooling capacity / EER (A 35 °C, W 7 °C)		kW / EER		7,00/3,17		10,00/2,81	
Cooling capacity / EER (A 35 °C, W 18 °C)		kW / EER		7,00/5,19		10,00/5,13	
Heating average climate (W 35 °C / W 55 °C)		Seasonal energy efficiency	SCOP (η <sub>s</sub> %)	4,59/3,32(181/130)		4,32/3,32(170/130)	
		Energy class <sup>1)</sup>		A+++ / A++		A++ / A++	
Heating warm climate (W 35 °C / W 55 °C)		Seasonal energy efficiency	SCOP (η <sub>s</sub> %)	5,95/4,02(235/158)		5,86/4,02(231/158)	
		Energy class <sup>1)</sup>		A+++ / A+++		A+++ / A+++	
Heating cold climate (W 35 °C / W 55 °C)		Seasonal energy efficiency	SCOP (η <sub>s</sub> %)	4,08/3,20(160/125)		4,08/3,20(160/125)	
		Energy class <sup>1)</sup>		A++ / A++		A++ / A++	
<b>Indoor unit</b>		<b>WH-ADC0916H9E8</b>		<b>WH-ADC0916H9E8</b>		<b>WH-ADC0916H9E8</b>	
Sound pressure	Heat / Cool	dB(A)		33/33		33/33	
Dimension	HxWxD	mm		1800x598x717		1800x598x717	
Net weight		kg		126		126	
Water pipe connector		Inch		R 1¼		R 1¼	
A class pump	Number of speeds	Variable speed		Variable speed		Variable speed	
	Input power (Min/Max)	W		36/152		36/152	
Heating water flow (ΔT=5 K, 35 °C)		L/min		25,8		34,4	
Electric backup heater		kW		9,00		9,00	
Recommended fuse		A		16/16		16/16	
Recommended minimum cable size, supply 1 / 2 <sup>2)</sup>		mm <sup>2</sup>		5x1,5/5x1,5		5x1,5/5x1,5	
Water volume		L		185		185	
Maximum DHW temperature		°C		65		65	
Material inside tank		Stainless steel		Stainless steel		Stainless steel	
Tapping profile according EN16147		L		L		L	
DHW tank ERP efficiency average / warm / cold <sup>3)</sup>		A+ to F		A/A/A		A/A/B	
DHW tank ERP average climate η / COPdHW		η <sub>wh</sub> % / COPdHW		95/2,37		91/2,27	
DHW tank ERP warm climate η / COPdHW		η <sub>wh</sub> % / COPdHW		110/2,75		107/2,67	
DHW tank ERP cold climate η / COPdHW		η <sub>wh</sub> % / COPdHW		75/1,87		72/1,80	
<b>Outdoor unit</b>		<b>WH-UQ09HE8</b>		<b>WH-UQ12HE8</b>		<b>WH-UQ16HE8</b>	
Sound power <sup>4)</sup>	Heat	dB(A)		58		62	
Dimension / Net weight	HxWxD	mm / kg		1410x1283x320/151		1410x1283x320/151	
Refrigerant (R410A) / CO <sub>2</sub> Eq.		kg / T		2,85/5,951		2,99/6,243	
Piping diameter	Liquid / Gas	Inch (mm)		3/8(9,52)/5/8(15,88)		3/8(9,52)/5/8(15,88)	
Pipe length range / Elevation difference (in / out)		m / m		3-30/20		3-30/20	
Pre-charged pipe length / Additional gas amount		m / g/m		10/50		10/50	
Operating range - outdoor ambient	Heat	°C		-28 ~ +35		-28 ~ +35	
	Cool	°C		+16 ~ +43		+16 ~ +43	
Water outlet	Heat / Cool	°C		20-60/5-20		20-60/5-20	

1) Scale from A+++ to D. 2) Check local regulations. 3) Scale from A+ to F. 4) Sound power in accordance to 811/2013, 813/2013 and EN12102-1:2017 at +7 °C. \* EER and COP calculation is based in accordance to EN14511. \*\* This product is designed to comply with the European drinking water standard (EU) 2020/2184. 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.

#### Accessories

<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-NS4P</b>	PCB for advanced functions

#### Accessories

<b>PAW-A2W-MGTFILTER</b>	Magnet for the water filter
<b>PAW-A2W-RTWIRED</b>	Room thermostat
<b>PAW-A2W-RTWIRELESS</b>	Wireless LCD room thermostat



INTERNET CONTROL: Optional.

## Aquarea T-CAP Bi-bloc K Series 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.



A++

ErP 55 °C  
Scale from  
A+++ to D

A+++

ErP 35 °C  
Scale from  
A+++ to D

		Single phase (power to indoor)			Three phase (power to indoor)		
<b>Kit 3 kW electric heater</b>		<b>KIT-WXC09K3E5</b>	—	<b>KIT-WXC09K3E8</b>	—	—	—
<b>Kit 6 kW electric heater</b>		<b>KIT-WXC09K6E5</b>	<b>KIT-WXC12K6E5</b>	—	—	—	—
<b>Kit 9 kW electric heater</b>		—	—	<b>KIT-WXC09K9E8</b>	<b>KIT-WXC12K9E8</b>	<b>KIT-WXC16K9E8</b>	—
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	16,00/4,38	—
Heating capacity / COP [A +7 °C, W 55 °C]	kW / COP	9,00/3,07	12,10/3,04	9,00/3,07	12,10/3,04	16,00/2,72	—
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	16,00/3,10	—
Heating capacity / COP [A +2 °C, W 55 °C]	kW / COP	9,00/2,31	12,00/2,29	9,00/2,31	12,00/2,29	16,00/2,07	—
Heating capacity / COP [A -7 °C, W 35 °C]	kW / COP	9,00/3,00	12,00/2,72	9,00/3,00	12,00/2,72	16,00/2,39	—
Heating capacity / COP [A -7 °C, W 55 °C]	kW / COP	9,00/2,10	12,00/2,29	9,00/2,10	12,00/2,29	16,00/1,71	—
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	13,40/2,64	—
Cooling capacity / EER [A 35 °C, W 18 °C]	kW / EER	8,80/4,63	10,70/3,92	8,80/4,63	10,70/3,92	13,40/2,64	—
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)	4,58/3,46(180/135)	4,46/3,31(176/129)	—
	Energy class <sup>1)</sup>	A+++ to D	A+++/A++	A+++/A++	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)	5,88/4,09(232/160)	—
	Energy class <sup>1)</sup>	A+++ to D	A+++/A+++	A+++/A+++	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)	3,83/3,20(150/125)	—
	Energy class <sup>1)</sup>	A+++ to D	A++/A++	A++/A++	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>	<b>WH-SXC16K9E8</b>	—
Sound pressure	Heat / Cool	dB(A)		dB(A)		dB(A)	
		33/33		33/33		33/33	
Dimension	HxWxD	mm		mm		mm	
		892x500x348		892x500x348		892x500x348	
Net weight	3 kW / 6 kW / 9 kW	kg		kg		kg	
		40/41/—		—/41/—		40/—/41	
Water pipe connector		Inch		Inch		Inch	
		R 1¼		R 1¼		R 1¼	
A class pump	Number of speeds	Variable speed		Variable speed		Variable speed	
	Input power	W		W		W	
		145		145		173	
Heating water flow [ΔT=5 K, 35 °C]		L/min		L/min		L/min	
		25,8		34,4		45,9	
<b>Outdoor unit</b>		<b>WH-UXZ09KE5</b>	<b>WH-UXZ12KE5</b>	<b>WH-UXZ09KE8</b>	<b>WH-UXZ12KE8</b>	<b>WH-UXZ16KE8</b>	—
Sound power <sup>2)</sup>	Heat	dB(A)		dB(A)		dB(A)	
		65		65		65	
Dimension	HxWxD	mm		mm		mm	
		1340x900x320		1340x900x320		1340x900x320	
Net weight		kg		kg		kg	
		88		88		103	
Refrigerant [R32] / CO <sub>2</sub> Eq.		kg / T		kg / T		kg / T	
		1,60/1,080		1,60/1,080		1,60/1,080	
Piping diameter	Liquid / Gas	Inch (mm)		Inch (mm)		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 / Elevation difference (in / out)		m		m		m	
		3-30/20		3-30/20		3-30/20	
Pre-charged pipe length / Additional gas amount		m / g/m		m / g/m		m / g/m	
		10/30		10/30		10/30	
Operating range - outdoor ambient	Heat	°C		°C		°C	
	Cool	°C		°C		°C	
		-28~+35		-28~+35		-28~+35	
		+10~+43		+10~+43		+10~+43	
Water outlet <sup>3)</sup>	Heat / Cool	°C		°C		°C	
		20~60/5~20		20~60/5~20		20~60/5~20	
<b>Electrical information</b>	<b>Heater</b>	<b>3 kW</b>	<b>6 kW</b>	<b>6 kW</b>	<b>3 kW</b>	<b>9 kW</b>	<b>9 kW</b>
Electric backup heater	kW	3,00	6,00	6,00	3,00	9,00	9,00
Recommended fuse	A	30/ 15 or 16	30/30	30/30	20/ 15 or 16	20/20	20/20
Recommended minimum cable size, supply 1 / 2 <sup>4)</sup>	mm <sup>2</sup>	3x4,0/ 3x1,5	3x4,0/ 3x4,0	3x4,0/3x4,0	5x1,5/ 3x1,5	5x1,5/ 5x1,5	5x1,5/5x1,5

1) Scale from A+++ to D. 2) Sound power level in accordance to EN12102 under conditions of the EN14825. 3) Between outdoor ambient -10 °C and -15 °C, the water outlet temperature gradually decreases from 60 °C to 55 °C. 4) Check local regulations. \* Available in Summer 2024. \*\* EER and COP classification is at 230 V only in accordance with EU directive 2003/32/EC. \*\*\* This product is designed to comply with the European drinking water standard [EU] 2020/2184. 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.

### Accessories

<b>CZ-RTW1</b>	Optional remote controller for 2 zone control. K and L Series
<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 to fit inside the hydrokit. K and L Series

### 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>	PCB for advanced functions
<b>PAW-A2W-RTWIRED</b>	Room thermostat
<b>PAW-A2W-RTWIREDLESS</b>	Wireless LCD room thermostat



INTERNET CONTROL: Optional.



## Aquarea T-CAP Bi-bloc H Series Single phase / Three phase. Heating and Cooling - SXC - R410A

**Energy efficiency:** A+++ in heating at 35 °C / "A" water pump with variable speed / Built-in flow meter.

**Flexibility:** Optional magnet for the water filter.

**Comfort:** Constant capacity down to -20 °C / Operating range down to -28 °C / 60 °C water outlet temperature.

**Control:** Additional functions with optional PCB (2 zone control, bivalent control, Smart Grid contact and more).

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

011-1W0510  
011-1W0511



			Single phase (power to indoor)			Three phase (power to indoor)		
Kit			KIT-WXC09H3E5	KIT-WXC12H6E5	KIT-WXC09H3E8	KIT-WXC12H9E8	KIT-WXC16H9E8	
Heating capacity / COP (A +7 °C, W 35 °C)	kW / COP		9,00/4,84	12,00/4,74	9,00/4,84	12,00/4,74	16,00/4,28	
Heating capacity / COP (A +7 °C, W 55 °C)	kW / COP		9,00/2,94	12,00/2,88	9,00/2,94	12,00/2,88	16,00/2,71	
Heating capacity / COP (A +2 °C, W 35 °C)	kW / COP		9,00/3,59	12,00/3,44	9,00/3,59	12,00/3,44	16,00/3,10	
Heating capacity / COP (A +2 °C, W 55 °C)	kW / COP		9,00/2,21	12,00/2,19	9,00/2,21	12,00/2,19	16,00/2,13	
Heating capacity / COP (A -7 °C, W 35 °C)	kW / COP		9,00/2,85	12,00/2,72	9,00/2,85	12,00/2,72	16,00/2,49	
Heating capacity / COP (A -7 °C, W 55 °C)	kW / COP		9,00/2,02	12,00/1,92	9,00/2,02	12,00/1,92	16,00/1,86	
Cooling capacity / EER (A 35 °C, W 7 °C)	kW / EER		7,00/3,17	10,00/2,81	7,00/3,17	10,00/2,81	12,20/2,57	
Cooling capacity / EER (A 35 °C, W 18 °C)	kW / EER		7,00/5,19	10,00/5,13	7,00/5,19	10,00/5,13	12,20/3,49	
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η <sub>s</sub> %)	4,59/3,32(181/130)	4,32/3,32(170/130)	4,59/3,32(181/130)	4,32/3,32(170/130)	4,08/3,20(160/125)	
	Energy class		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 <sub>s</sub> %)	5,95/4,02(235/158)	5,86/4,02(231/158)	5,95/4,02(235/158)	5,86/4,02(231/158)	5,86/4,05(231/159)	
	Energy class		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 <sub>s</sub> %)	4,08/3,20(160/125)	4,08/3,20(160/125)	4,08/3,20(160/125)	4,08/3,20(160/125)	3,83/3,20(150/125)	
	Energy class		A+++ to D	A++ / A++	A++ / A++	A++ / A++	A++ / A++	
<b>Indoor unit</b>			<b>WH-SXC09H3E5</b>	<b>WH-SXC12H6E5</b>	<b>WH-SXC09H3E8</b>	<b>WH-SXC12H9E8</b>	<b>WH-SXC16H9E8</b>	
Sound pressure	Heat / Cool	dB(A)	33/33	33/33	33/33	33/33	33/33	
Dimension	HxWxD	mm	892x500x340	892x500x340	892x500x340	892x500x340	892x500x340	
Net weight		kg	43	43	43	44	45	
Water pipe connector		Inch	R 1 1/4	R 1 1/4	R 1 1/4	R 1 1/4	R 1 1/4	
A class pump	Number of speeds		Variable speed	Variable speed	Variable speed	Variable speed	Variable speed	
	Input power (Min/Max)	W	32/102	34/110	32/102	34/110	30/105	
Heating water flow (ΔT=5 K, 35 °C)		L/min	25,8	34,4	25,8	34,4	45,9	
Electric backup heater		kW	3,00	6,00	3,00	9,00	9,00	
Recommended fuse		A	30/30	30/30	16/16	16/16	16/16	
Recommended minimum cable size, supply 1 / 2 <sup>1)</sup>		mm <sup>2</sup>	3x4,0ou6,0/3x4,0	3x4,0ou6,0/3x4,0	5x1,5/3x1,5	5x1,5/5x1,5	5x1,5/5x1,5	
<b>Outdoor unit</b>			<b>WH-UX09HE5</b>	<b>WH-UX12HE5</b>	<b>WH-UX09HE8</b>	<b>WH-UX12HE8</b>	<b>WH-UX16HE8</b>	
Sound power <sup>2)</sup>	Heat	dB(A)	66	66	65	65	67	
Dimension	HxWxD	mm	1340x900x320	1340x900x320	1340x900x320	1340x900x320	1340x900x320	
Net weight		kg	101	101	108	108	118	
Refrigerant (R410A) / CO <sub>2</sub> Eq.		kg / T	2,85/5,951	2,85/5,951	2,85/5,951	2,85/5,951	2,90/6,055	
Piping diameter	Liquid / Gas	Inch (mm)	3/8(9,52)/5/8(15,88)	3/8(9,52)/5/8(15,88)	3/8(9,52)/5/8(15,88)	3/8(9,52)/5/8(15,88)	3/8(9,52)/5/8(15,88)	
Pipe length range		m	3-30	3-30	3-30	3-30	3-30	
Elevation difference (in / out)		m	20	20	20	20	20	
Pre-charged pipe length		m	10	10	10	10	10	
Additional gas amount		g/m	50	50	50	50	50	
Operating range - outdoor ambient	Heat	°C	-28 ~ +35	-28 ~ +35	-28 ~ +35	-28 ~ +35	-28 ~ +35	
	Cool	°C	+16 ~ +43	+16 ~ +43	+16 ~ +43	+16 ~ +43	+16 ~ +43	
Water outlet	Heat / Cool	°C	20-60/5-20	20-60/5-20	20-60/5-20	20-60/5-20	20-60/5-20	

1) Check local regulations. 2) Sound power in accordance to 811/2013, 813/2013 and EN12102-1:2017 at +7 °C. \* EER and COP calculation is based in accordance to EN14511.

### Accessories

<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-NV1</b>	3 way valve kit to fit inside the hydrokit. J and H Series
<b>PAW-BTANK50L-2</b>	Buffer tank 50 L

### Accessories

<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-NS4P</b>	PCB for advanced functions
<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.



## Aquarea T-CAP Bi-bloc H Series Three phase. Super Quiet outdoor unit. Heating and Cooling - SQC - R410A

**Energy efficiency:** A+++ in heating at 35 °C / "A" water pump with variable speed / Built-in flow meter.

**Flexibility:** Optional magnet for the water filter.

**Comfort:** Low noise level / Constant capacity down to -20 °C / Operating range down to -28 °C / 60 °C water outlet temperature.

**Control:** Additional functions with optional PCB (2 zone control, bivalent control, Smart Grid contact and more).

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



011-1W0510  
011-1W0511

A+++

ErP 55 °C  
Scale from  
A+++ to D

A+++

ErP 35 °C  
Scale from  
A+++ to D

### Three phase (power to indoor)

Kit			KIT-WQC09H3E8	KIT-WQC12H9E8	KIT-WQC16H9E8
Heating capacity / COP [A +7 °C, W 35 °C]		kW / COP	9,00/4,84	12,00/4,74	16,00/4,28
Heating capacity / COP [A +7 °C, W 55 °C]		kW / COP	9,00/2,94	12,00/2,88	16,00/2,71
Heating capacity / COP [A +2 °C, W 35 °C]		kW / COP	9,00/3,59	12,00/3,44	16,00/3,10
Heating capacity / COP [A +2 °C, W 55 °C]		kW / COP	9,00/2,21	12,00/2,19	16,00/2,13
Heating capacity / COP [A -7 °C, W 35 °C]		kW / COP	9,00/2,85	12,00/2,72	16,00/2,49
Heating capacity / COP [A -7 °C, W 55 °C]		kW / COP	9,00/2,02	12,00/1,92	16,00/1,86
Cooling capacity / EER [A 35 °C, W 7 °C]		kW / EER	7,00/3,17	10,00/2,81	12,20/2,57
Cooling capacity / EER [A 35 °C, W 18 °C]		kW / EER	7,00/5,19	10,00/5,13	12,20/3,49
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η <sub>s</sub> , %)	4,59/3,32[181/130]	4,32/3,32[170/130]	4,08/3,20[160/125]
	Energy class		A+++ / A++	A++ / A++	A++ / A++
Heating warm climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η <sub>s</sub> , %)	5,95/4,02[235/158]	5,86/4,02[231/158]	5,86/4,05[231/159]
	Energy class		A+++ / A+++	A+++ / A+++	A+++ / A+++
Heating cold climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η <sub>s</sub> , %)	4,08/3,20[160/125]	4,08/3,20[160/125]	3,83/3,20[150/125]
	Energy class		A++ / A++	A++ / A++	A++ / A++
<b>Indoor unit</b>			<b>WH-SQC09H3E8</b>	<b>WH-SQC12H9E8</b>	<b>WH-SQC16H9E8</b>
Sound pressure	Heat / Cool	dB(A)	33/33	33/33	33/33
Dimension	HxWxD	mm	892x500x340	892x500x340	892x500x340
Net weight		kg	43	44	45
Water pipe connector		Inch	R 1½	R 1½	R 1½
A class pump	Number of speeds		Variable speed	Variable speed	Variable speed
	Input power (Min/Max)	W	32/102	34/110	30/105
Heating water flow [ΔT=5 K, 35 °C]		L/min	25,8	34,4	45,9
Electric backup heater		kW	3,00	9,00	9,00
Recommended fuse		A	15/30	15/30	15/30
Recommended minimum cable size, supply 1 / 2 <sup>1)</sup>		mm²	5x1,5/3x1,5	5x1,5/5x1,5	5x1,5/5x1,5
<b>Outdoor unit</b>			<b>WH-UQ09HE8</b>	<b>WH-UQ12HE8</b>	<b>WH-UQ16HE8</b>
Sound power <sup>2)</sup>	Heat	dB(A)	58	58	62
Dimension	HxWxD	mm	1410x1283x320	1410x1283x320	1410x1283x320
Net weight		kg	151	151	161
Refrigerant (R410A) / CO <sub>2</sub> Eq.		kg / T	2,85/5,951	2,85/5,951	2,99/6,243
Piping diameter	Liquid / Gas	Inch (mm)	3/8(9,52)/5/8(15,88)	3/8(9,52)/5/8(15,88)	3/8(9,52)/5/8(15,88)
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	50	50	50
Operating range - outdoor ambient	Heat	°C	-28 ~ +35	-28 ~ +35	-28 ~ +35
	Cool	°C	+16 ~ +43	+16 ~ +43	+16 ~ +43
Water outlet	Heat / Cool	°C	20~60/5~20	20~60/5~20	20~60/5~20

1) Check local regulations. 2) Sound power in accordance to 811/2013, 813/2013 and EN12102-1:2017 at +7 °C. \* EER and COP calculation is based in accordance to EN14511.

#### Accessories

<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-NV1</b>	3 way valve kit to fit inside the hydrokit, J and H Series
<b>PAW-BTANK50L-2</b>	Buffer tank 50 L

#### Accessories

<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-NS4P</b>	PCB for advanced functions
<b>PAW-A2W-MGTFILTER</b>	Magnet for the water filter
<b>PAW-A2W-RTWIRED</b>	Room thermostat
<b>PAW-A2W-RTWIRELESS</b>	Wireless LCD room thermostat



INTERNET CONTROL: Optional.