

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 6 kW electric heater			KIT-WXC12K6E5		
Kit 9 kW electric heater			KIT-WXC09K9E8		
Heating capacity / COP (A +7 °C, W 35 °C)			9,00/5,03		
Heating capacity / COP (A +7 °C, W 55 °C)			12,10/4,84		
Heating capacity / COP (A +2 °C, W 35 °C)			9,00/3,69		
Heating capacity / COP (A +2 °C, W 55 °C)			12,00/3,44		
Heating capacity / COP (A -7 °C, W 35 °C)			9,00/2,29		
Heating capacity / COP (A -7 °C, W 55 °C)			12,00/2,72		
Cooling capacity / EER (A 35 °C, W 7 °C)			8,80/3,11		
Cooling capacity / EER (A 35 °C, W 18 °C)			10,70/2,68		
Heating average climate (W 35 °C / W 55 °C)			SCOP (η _s %)		
Energy class ¹⁾			A+++ to D		
Heating warm climate (W 35 °C / W 55 °C)			SCOP (η _s %)		
Energy class ¹⁾			A+++ to D		
Heating cold climate (W 35 °C / W 55 °C)			SCOP (η _s %)		
Energy class ¹⁾			A+++ to D		
Indoor unit 3 kW electric heater			WH-SXC09K3E5		
Indoor unit 6 kW electric heater			WH-SXC12K6E5		
Indoor unit 9 kW electric heater			WH-SXC09K9E8		
Sound pressure			dB(A)		
Dimension			HxWxD		
Net weight			kg		
Water pipe connector			Inch		
A class pump			Variable Speed		
Number of speeds			Variable Speed		
Input power (Min/Max)			W		
Heating water flow (ΔT=5 K, 35 °C)			L/min		
Outdoor unit			WH-UXZ09KE5		
Sound power ²⁾			dB(A)		
Dimension			HxWxD		
Net weight			kg		
Refrigerant (R32) / CO ₂ Eq.			kg / T		
Piping diameter			Liquid / Gas		
Pipe length range			m		
Elevation difference (in / out)			m		
Pre-charged pipe length			m		
Additional gas amount			g/m		
Operating range - outdoor ambient			°C		
Water outlet			°C		
Electrical information			3 kW heater		
Electric backup heater			kW		
Recommended fuse			A		
Recommended minimum cable size, supply 1 / 2 ³⁾			mm ²		

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	
CZ-RTW1	Additional remote controller for K and L Generations
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-3WYVLV-HW	3 way valve for DHW tanks
CZ-NV2	3 way valve kit for inside of hydrokit for K and L Generations

Accessories	
PAW-BTANK50L-2	Buffer tank 50 L
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
CZ-NS5P	Additional functions PCB
PAW-A2W-MGTFILTER	Magnet for the water filter
PAW-A2W-RTWIRED	Room thermostat
PAW-A2W-RTWIREDLESS	Wireless LCD room thermostat



INTERNET CONTROL: Optional.

Aquarea T-CAP Bi-bloc H Generation 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.

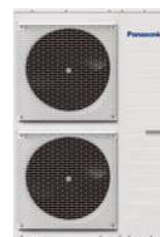
Comfort: Constant capacity down to -20 °C / Operating range down to -28 °C / 60 °C water outlet temperature.

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



ErP 55 °C
Scale from
A+++ to D



ErP 35 °C
Scale from
A+++ to D

			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 _s %)	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++	A++ / A++
Heating warm climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	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+++	A+++ / A+++
Heating cold climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	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++	A++ / A++
Indoor unit			WH-SXC09H3E5	WH-SXC12H6E5	WH-SXC09H3E8	WH-SXC12H9E8	WH-SXC16H9E8
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 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 (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 ¹⁾		mm²	3x4,0 or 6,0/3x4,0	3x4,0 or 6,0/3x4,0	5x1,5/3x1,5	5x1,5/5x1,5	5x1,5/5x1,5
Outdoor unit			WH-UX09HE5	WH-UX12HE5	WH-UX09HE8	WH-UX12HE8	WH-UX16HE8
Sound power ²⁾	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 ₂ 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	
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-3WYVLV-HW	3 way valve for DHW tanks
CZ-NV1	3 way valve kit for inside of hydrokit for H and J Generations
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
CZ-NS4P	Additional functions PCB
PAW-A2W-MGTFILTER	Magnet for the water filter
PAW-A2W-RTWIRED	Room thermostat
PAW-A2W-RTWIRELESS	Wireless LCD room thermostat



INTERNET CONTROL: Optional.

Aquarea T-CAP Bi-bloc H Generation 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.

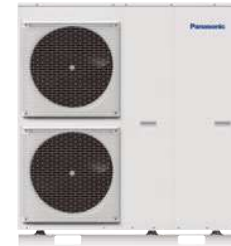
Comfort: Low noise level / Constant capacity down to -20 °C / Operating range down to -28 °C / 60 °C water outlet temperature.

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



ErP 55 °C
Scale from
A+++ to D



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 _s %)	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++
Heating warm climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	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+++
Heating cold climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	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++
Indoor unit			WH-SQC09H3E8	WH-SQC12H9E8	WH-SQC16H9E8
Sound pressure	Heat / Cool	dB(A)	33/33	33/33	33/33
Dimension	H x W x D	mm	892 x 500 x 340	892 x 500 x 340	892 x 500 x 340
Net weight		kg	43	44	45
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	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 ¹⁾		mm²	5 x 1,5/3 x 1,5	5 x 1,5/5 x 1,5	5 x 1,5/5 x 1,5
Outdoor unit			WH-UQ09HE8	WH-UQ12HE8	WH-UQ16HE8
Sound power ²⁾	Heat	dB(A)	58	58	62
Dimension	H x W x D	mm	1410 x 1283 x 320	1410 x 1283 x 320	1410 x 1283 x 320
Net weight		kg	151	151	161
Refrigerant (R410A) / CO ₂ 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	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	
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-3WYVLV-HW	3 way valve for DHW tanks
CZ-NV1	3 way valve kit for inside of hydrokit for H and J Generations
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
CZ-NS4P	Additional functions PCB
PAW-A2W-MGTFILTER	Magnet for the water filter
PAW-A2W-RTWIRED	Room thermostat
PAW-A2W-RTWIREDLESS	Wireless LCD room thermostat



INTERNET CONTROL: Optional.