

Aquarea High Performance All in One H Generation Single phase / 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: Operating range down to -20 °C.

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.



Kit	Single phase (power to indoor)			Three phase (power to indoor)			
	KIT-ADC12HE5	KIT-ADC16HE5	KIT-ADC09HE8	KIT-ADC12HE8	KIT-ADC16HE8		
Heating capacity / COP (A +7 °C, W 35 °C)	kW / COP	12,00/4,74	16,00/4,28	9,00/4,84	12,00/4,74	16,00/4,28	
Heating capacity / COP (A +7 °C, W 55 °C)	kW / COP	12,00/2,93	14,50/2,72	9,00/2,94	12,00/2,93	14,50/2,72	
Heating capacity / COP (A +2 °C, W 35 °C)	kW / COP	11,40/3,44	13,00/3,28	9,00/3,59	11,40/3,44	13,00/3,28	
Heating capacity / COP (A +2 °C, W 55 °C)	kW / COP	9,10/2,23	9,80/2,21	8,80/2,23	9,10/2,23	9,80/2,21	
Heating capacity / COP (A -7 °C, W 35 °C)	kW / COP	10,00/2,73	11,40/2,57	9,00/2,85	10,00/2,73	11,40/2,57	
Heating capacity / COP (A -7 °C, W 55 °C)	kW / COP	8,20/1,95	9,00/1,85	7,90/2,05	8,20/1,95	9,00/1,85	
Cooling capacity / EER (A 35 °C, W 7 °C)	kW / EER	10,00/2,81	12,20/2,56	7,00/3,17	10,00/2,85	12,20/2,56	
Cooling capacity / EER (A 35 °C, W 18 °C)	kW / EER	10,00/4,17	12,20/4,12	7,00/4,67	10,00/4,26	12,20/4,12	
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	4,82/3,42(190/134)	4,82/3,33(190/130)	4,81/3,41(190/133)	4,82/3,42(190/134)	4,82/3,33(190/130)
	Energy class ¹⁾	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 %)	6,21/4,05(245/159)	6,21/4,30(245/169)	6,21/4,05(245/159)	6,21/4,05(245/159)	6,20/4,30(245/169)
	Energy class ¹⁾	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 %)	4,29/3,10(168/121)	4,28/3,10(168/121)	4,28/3,10(168/121)	4,29/3,10(168/121)	4,28/3,10(168/121)
	Energy class ¹⁾	A+++ to D	A++/A+	A++/A+	A++/A+	A++/A+	A++/A+
Indoor unit			WH-ADC1216H6E5	WH-ADC1216H6E5	WH-ADC0916H9E8	WH-ADC0916H9E8	WH-ADC0916H9E8
Sound pressure	Heat / Cool	dB(A)	33/33	33/33	33/33	33/33	33/33
Dimension	HxWxD	mm	1800x598x717	1800x598x717	1800x598x717	1800x598x717	1800x598x717
Net weight		kg	124	124	126	126	126
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	36/152	36/152	36/152	36/152	36/152
Heating water flow (ΔT=5 K, 35 °C)		L/min	34,4	45,9	25,8	34,4	45,9
Electric backup heater		kW	6,00	6,00	9,00	9,00	9,00
Recommended fuse		A	30/30	30/30	16/16	16/16	16/16
Recommended minimum cable size, supply 1 / 2 ²⁾		mm ²	3x4,0/3x4,0	3x4,0/3x4,0	5x1,5/5x1,5	5x1,5/5x1,5	5x1,5/5x1,5
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 ³⁾	A+ to F	A/A/A	A/A/A	A/A/B	A/A/A	A/A/A	A/A/B
DHW tank ERP average climate η / COPdHW	η _{wh} % / COPdHW	95/2,37	95/2,37	91/2,28	95/2,37	95/2,37	91/2,27
DHW tank ERP warm climate η / COPdHW	η _{wh} % / COPdHW	110/2,75	110/2,75	107/2,67	110/2,75	110/2,75	107/2,67
DHW tank ERP cold climate η / COPdHW	η _{wh} % / COPdHW	75/1,87	75/1,87	72/1,80	75/1,87	75/1,87	72/1,80
Outdoor unit			WH-UD12HE5	WH-UD16HE5	WH-UD09HE8	WH-UD12HE8	WH-UD16HE8
Sound power ⁴⁾	Heat	dB(A)	65	65	65	65	65
Dimension / Net weight	HxWxD	mm / kg	1340x900x320/101	1340x900x320/101	1340x900x320/107	1340x900x320/107	1340x900x320/107
Refrigerant (R410A) / CO ₂ Eq.		kg / T	2,55/5,324	2,55/5,324	2,55/5,324	2,55/5,324	2,55/5,324
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 / Elevation difference (in / out)		m / m	3-50/30	3-50/30	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	10/50	10/50
Operating range - outdoor ambient	Heat	°C	-20 ~ +35	-20 ~ +35	-20 ~ +35	-20 ~ +35	-20 ~ +35
	Cool	°C	+16 ~ +43	+16 ~ +43	+16 ~ +43	+16 ~ +43	+16 ~ +43
Water outlet	Heat / Cool	°C	20-55/5-20	20-55/5-20	20-55/5-20	20-55/5-20	20-55/5-20

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 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.

Accessories	
PAW-ADC-PREKIT-1	Piping pre installation kit for J Generation
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-NS4P	Additional functions PCB
PAW-A2W-RTWIRED	Room thermostat
PAW-A2W-RTWIRELESS	Wireless LCD room thermostat



INTERNET CONTROL: Optional.

Aquarea High Performance All in One Compact H Generation Single 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: 598 x 600 footprint / Built-in magnetic water filter.

Comfort: Operating range down to -20 °C.

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.



				Single phase (power to indoor)	
Kit		KIT-ADC12HE5C		KIT-ADC16HE5C	
Heating capacity / COP (A +7 °C, W 35 °C)		kW / COP		12,00/4,74	
Heating capacity / COP (A +7 °C, W 55 °C)		kW / COP		12,00/2,93	
Heating capacity / COP (A +2 °C, W 35 °C)		kW / COP		11,40/3,44	
Heating capacity / COP (A +2 °C, W 55 °C)		kW / COP		9,10/2,20	
Heating capacity / COP (A -7 °C, W 35 °C)		kW / COP		10,00/2,73	
Heating capacity / COP (A -7 °C, W 55 °C)		kW / COP		8,20/1,92	
Cooling capacity / EER (A 35 °C, W 7 °C)		kW / EER		10,00/2,81	
Cooling capacity / EER (A 35 °C, W 18 °C)		kW / EER		10,00/4,17	
Heating average climate (W 35 °C / W 55 °C)		Seasonal energy efficiency	SCOP (η _s %)	4,82/3,42(190/134)	
		Energy class ¹⁾		A+++ / A++	
Heating warm climate (W 35 °C / W 55 °C)		Seasonal energy efficiency	SCOP (η _s %)	6,21/4,05(245/159)	
		Energy class ¹⁾		A+++ / A+++	
Heating cold climate (W 35 °C / W 55 °C)		Seasonal energy efficiency	SCOP (η _s %)	4,29/3,10(168/121)	
		Energy class ¹⁾		A+++ / A+	
Indoor unit		WH-ADC1216H6E5C		WH-ADC1216H6E5C	
Sound pressure	Heat / Cool	dB(A)		33/33	
Dimension	H x W x D	mm		1642 x 599 x 602	
Net weight		kg		101	
Water pipe connector		Inch		R 1 1/4	
A class pump	Number of speeds	Variable Speed		Variable Speed	
	Input power (Min/Max)	W		- / -	
Heating water flow (ΔT=5 K, 35 °C)		L/min		34,40	
Electric backup heater		kW		6,00	
Recommended fuse		A		- / -	
Recommended minimum cable size, supply 1 / 2 ²⁾		mm ²		- / -	
Water volume		L		185	
Maximum DHW temperature		°C		65	
Material inside tank		Stainless steel		Stainless steel	
Tapping profile according EN16147		-		-	
DHW tank ERP efficiency average / warm / cold ³⁾		A+ to F		- / - / -	
DHW tank ERP average climate η / COPdHW		η _{wh} % / COPdHW		92/2,30	
DHW tank ERP warm climate η / COPdHW		η _{wh} % / COPdHW		107/2,67	
DHW tank ERP cold climate η / COPdHW		η _{wh} % / COPdHW		72/1,81	
Outdoor unit		WH-UD12HE5		WH-UD16HE5	
Sound power ⁴⁾	Heat	dB(A)		65	
Dimension / Net weight	H x W x D	mm / kg		1340 x 900 x 320 / 101	
Refrigerant (R410A) / CO ₂ Eq.		kg / T		2,55/5,324	
Piping diameter	Liquid / Gas	Inch (mm)		3/8 (9,52) / 5/8 (15,88)	
Pipe length range / Elevation difference (in / out)		m / m		3 ~ 50 / 30	
Pre-charged pipe length / Additional gas amount		m / g/m		10 / 50	
Operating range - outdoor ambient	Heat	°C		-20 ~ +35	
	Cool	°C		+16 ~ +43	
Water outlet	Heat / Cool	°C		20 ~ 55 / 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 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.

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

Accessories	
CZ-NS4P	Additional functions PCB
PAW-A2W-RTWIRED	Room thermostat
PAW-A2W-RTWIRELESS	Wireless LCD room thermostat



INTERNET CONTROL: Optional.

Aquarea High Performance Bi-bloc H Generation Single phase / Three phase. Heating and Cooling - SDC · 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: Operating range down to -20 °C.

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.



011-1W0515



Kit	Single phase			Three phase (power to indoor)			
	KIT-WC12H6E5	KIT-WC16H6E5	KIT-WC09H3E8	KIT-WC12H9E8	KIT-WC16H9E8		
Heating capacity / COP (A +7 °C, W 35 °C)	kW / COP		12,00/4,74	16,00/4,28	9,00/4,84	12,00/4,74	16,00/4,28
Heating capacity / COP (A +7 °C, W 55 °C)	kW / COP		12,00/2,88	14,50/2,68	9,00/2,94	12,00/2,88	14,50/2,68
Heating capacity / COP (A +2 °C, W 35 °C)	kW / COP		11,40/3,44	13,00/3,28	9,00/3,59	11,40/3,44	13,00/3,28
Heating capacity / COP (A +2 °C, W 55 °C)	kW / COP		9,10/2,20	9,80/2,17	8,80/2,23	9,10/2,20	9,80/2,17
Heating capacity / COP (A -7 °C, W 35 °C)	kW / COP		10,00/2,73	11,40/2,57	9,00/2,85	10,00/2,73	11,40/2,57
Heating capacity / COP (A -7 °C, W 55 °C)	kW / COP		8,20/1,92	9,00/1,82	7,90/2,05	8,20/1,92	9,00/1,82
Cooling capacity / EER (A 35 °C, W 7 °C)	kW / EER		10,00/2,81	12,20/2,56	7,00/3,14	10,00/3,91	12,20/2,56
Cooling capacity / EER (A 35 °C, W 18 °C)	kW / EER		10,00/4,17	12,20/4,12	7,00/4,61	10,00/4,17	12,20/4,12
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s , %)	4,82/3,42(190/134)	4,82/3,33(190/130)	4,81/3,41(190/133)	4,82/3,42(190/134)	4,82/3,33(190/130)
	Energy class		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 , %)	6,21/4,05(245/159)	6,21/4,30(245/169)	6,21/4,05(245/159)	6,21/4,05(245/159)	6,20/4,30(245/169)
	Energy class		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 , %)	4,29/3,10(168/121)	4,28/3,10(168/121)	4,28/3,10(168/121)	4,29/3,10(168/121)	4,28/3,10(168/121)
	Energy class		A++ / A+	A++ / A+	A++ / A+	A++ / A+	A++ / A+
Indoor unit			WH-SDC12H6E5	WH-SDC16H6E5	WH-SDC09H3E8	WH-SDC12H9E8	WH-SDC16H9E8
Sound pressure	Heat / Cool	dB(A)	33/33	33/33	33/33	33/33	33/33
Dimension	H x W x D	mm	892x500x340	892x500x340	892x500x340	892x500x340	892x500x340
Net weight		kg	43	44	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	34/110	30/105	32/102	34/110	30/105
Heating water flow (ΔT=5 K, 35 °C)		L/min	34,4	45,9	25,8	34,4	45,9
Electric backup heater		kW	6,00	6,00	3,00	9,00	9,00
Recommended fuse		A	30/30	30/30	15/30	15/30	15/30
Recommended minimum cable size, supply 1 / 2 ¹⁾		mm ²	3x4,0 or 6,0/3x4,0	3x4,0 or 6,0/3x4,0	5x1,5/5x1,5	5x1,5/5x1,5	5x1,5/5x1,5
Outdoor unit			WH-UD12HE5	WH-UD16HE5	WH-UD09HE8	WH-UD12HE8	WH-UD16HE8
Sound power ²⁾	Heat	dB(A)	65	65	65	65	65
Dimension	H x W x D	mm	1340x900x320	1340x900x320	1340x900x320	1340x900x320	1340x900x320
Net weight		kg	101	101	107	107	107
Refrigerant (R410A) / CO ₂ Eq.		kg / T	2,55/5,324	2,55/5,324	2,55/5,324	2,55/5,324	2,55/5,324
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	3-50	3-50	3-30	3-30	3-30
Elevation difference (in / out)		m	30	30	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	-20 ~ +35	-20 ~ +35	-20 ~ +35	-20 ~ +35	-20 ~ +35
	Cool	°C	+16 ~ +43	+16 ~ +43	+16 ~ +43	+16 ~ +43	+16 ~ +43
Water outlet	Heat / Cool	°C	20-55/5-20	20-55/5-20	20-55/5-20	20-55/5-20	20-55/5-20

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 High Performance Mono-bloc H Generation Single phase. Heating and Cooling - MDC - 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: Operating range and heating curve down to -20 °C / 55 °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.

011-1W0509



ErP 55 °C
Scale from
A+++ to D



ErP 35 °C
Scale from
A+++ to D

Single phase

Outdoor unit			WH-MDC12H6E5	WH-MDC16H6E5
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	12,00/2,93	14,50/2,72
Heating capacity / COP (A +2 °C, W 35 °C)		kW / COP	11,40/3,44	13,00/3,28
Heating capacity / COP (A +2 °C, W 55 °C)		kW / COP	9,10/2,23	9,80/2,21
Heating capacity / COP (A -7 °C, W 35 °C)		kW / COP	10,00/2,73	11,40/2,57
Heating capacity / COP (A -7 °C, W 55 °C)		kW / COP	8,20/1,95	9,00/1,84
Cooling capacity / EER (A 35 °C, W 7 °C)		kW / EER	10,00/2,81	12,20/2,56
Cooling capacity / EER (A 35 °C, W 18 °C)		kW / EER	9,39/4,65	11,40/4,10
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s , %)	4,82/3,42(190/134)	4,82/3,33(190/130)
	Energy class	A+++ to D	A+++/A++	A+++/A++
Heating warm climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s , %)	6,20/4,05(245/159)	6,20/4,30(245/169)
	Energy class	A+++ to D	A+++/A+++	A+++/A+++
Heating cold climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s , %)	4,28/3,10(168/121)	4,28/3,10(168/121)
	Energy class	A+++ to D	A++/A+	A++/A+
Sound power ¹⁾	Heat	dB(A)	65	65
Dimension	HxWxD	mm	1410x1283x320	1410x1283x320
Net weight		kg	140	140
Refrigerant (R410A) / CO ₂ Eq. ²⁾		kg / T	2,10/4,385	2,10/4,385
Water pipe connector		Inch	R 1½	R 1½
Pump	Number of speeds		Variable Speed	Variable Speed
	Input power (Min/Max)	W	34/110	38/120
Heating water flow (ΔT=5 K, 35 °C)		L/min	34,4	45,9
Electric backup heater		kW	6,00	6,00
Input power	Heat	kW	2,53	3,74
	Cool	kW	3,56	4,76
Running and starting current	Heat	A	11,7	16,9
	Cool	A	16,2	21,5
Current 1		A	24,0	26,0
Current 2		A	26,0	26,0
Recommended fuse		A	30/30	30/30
Recommended minimum cable size, supply 1 / 2 ³⁾		mm ²	3x4,0 or 6,0/3x4,0	3x4,0 or 6,0/3x4,0
Operating range - outdoor ambient	Heat	°C	-20 ~ +35	-20 ~ +35
	Cool	°C	+16 ~ +43	+16 ~ +43
Water outlet	Heat	°C	25 - 55	25 - 55
	Cool	°C	5 - 20	5 - 20

1) Sound power in accordance to 811/2013, 813/2013 and EN12102-1:2017 at +7 °C. 2) WH-MDC models are hermetically sealed. 3) Check local regulations. * 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-MGTFILTER	Magnet for the water filter
PAW-A2W-AFVLV	1 anti-freeze valve. It is required to order 2 valves per system
PAW-A2W-RTWIRED	Room thermostat
PAW-A2W-RTWIRELESS	Wireless LCD room thermostat



INTERNET CONTROL: Optional.

Aquarea T-CAP All in One H Generation Single phase / 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	Single phase (power to indoor)		Three phase (power to indoor)				
		KIT-AXC09HE5	KIT-AXC12HE5	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	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 ¹⁾	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 ¹⁾	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 ¹⁾	A+++ to D	A++/A++	A++/A++	A++/A++	A++/A++	A++/A++
Indoor unit			WH-ADC1216H6E5	WH-ADC1216H6E5	WH-ADC0916H9E8	WH-ADC0916H9E8	WH-ADC0916H9E8
Sound pressure	Heat / Cool	dB(A)	33/33	33/33	33/33	33/33	33/33
Dimension	HxWxD	mm	1800x598x717	1800x598x717	1800x598x717	1800x598x717	1800x598x717
Net weight		kg	124	124	126	126	126
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	36/152	36/152	36/152	36/152	36/152
Heating water flow (ΔT=5 K. 35 °C)		L/min	25,8	34,4	25,8	34,4	45,9
Electric backup heater		kW	6,00	6,00	9,00	9,00	9,00
Recommended fuse		A	30/30	30/30	16/16	16/16	16/16
Recommended minimum cable size, supply 1 / 2 ²⁾		mm ²	3x4,0/3x4,0	3x4,0/3x4,0	5x1,5/5x1,5	5x1,5/5x1,5	5x1,5/5x1,5
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 ³⁾	A+ to F	A/A/A	A/A/A	A/A/A	A/A/A	A/A/A	A/A/B
DHW tank ERP average climate η / COPdHW	η _{wh} % / COPdHW	95/2,37	95/2,37	95/2,37	95/2,37	95/2,37	91/2,27
DHW tank ERP warm climate η / COPdHW	η _{wh} % / COPdHW	110/2,75	110/2,75	110/2,75	110/2,75	110/2,75	107/2,67
DHW tank ERP cold climate η / COPdHW	η _{wh} % / COPdHW	75/1,87	75/1,87	75/1,87	75/1,87	75/1,87	72/1,80
Outdoor unit			WH-UX09HE5	WH-UX12HE5	WH-UX09HE8	WH-UX12HE8	WH-UX16HE8
Sound power ⁴⁾	Heat	dB(A)	66	66	65	65	67
Dimension / Net weight	HxWxD	mm / kg	1340x900x320/101	1340x900x320/101	1340x900x320/108	1340x900x320/108	1340x900x320/118
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 / 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	10/50	10/50	10/50	10/50	10/50
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) 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 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.

Accessories	
PAW-ADC-PREKIT-1	Piping pre installation kit for J Generation
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-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 All in One H Generation 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.



011-1W0510
011-1W0511



				Three phase (power to indoor)		
Kit			KIT-AQC09HE8	KIT-AQC12HE8	KIT-AQC16HE8	
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 ¹⁾	A+++ to D	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 ¹⁾	A+++ to D	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 ¹⁾	A+++ to D	A++/A++	A++/A++	
Indoor unit			WH-ADC0916H9E8	WH-ADC0916H9E8	WH-ADC0916H9E8	
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 1½	R 1½	R 1½	
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 ²⁾		mm ²	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 ³⁾		A+ to F	A/A/A	A/A/A	A/A/B	
DHW tank ERP average climate η / COPdHW		η _{wh} %/COPdHW	95/2,37	95/2,37	91/2,27	
DHW tank ERP warm climate η / COPdHW		η _{wh} %/COPdHW	110/2,75	110/2,75	107/2,67	
DHW tank ERP cold climate η / COPdHW		η _{wh} %/COPdHW	75/1,87	75/1,87	72/1,80	
Outdoor unit			WH-UQ09HE8	WH-UQ12HE8	WH-UQ16HE8	
Sound power ⁴⁾	Heat	dB(A)	58	58	62	
Dimension / Net weight	HxWxD	mm / kg	1410x1283x320/151	1410x1283x320/151	1410x1283x320/161	
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 / 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		°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 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.

Accessories	
PAW-ADC-PREKIT-1	Piping pre installation kit for J Generation
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-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 All in One Compact H Generation Single 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: 598 x 600 footprint / Built-in magnetic 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.



Single phase (power to indoor)

Kit		KIT-AXC09HE5C		KIT-AXC12HE5C	
Heating capacity / COP (A +7 °C, W 35 °C)	kW / COP	9,00/4,84	12,00/4,74		
Heating capacity / COP (A +7 °C, W 55 °C)	kW / COP	9,00/2,94	12,00/2,88		
Heating capacity / COP (A +2 °C, W 35 °C)	kW / COP	9,00/3,59	12,00/3,44		
Heating capacity / COP (A +2 °C, W 55 °C)	kW / COP	9,00/2,21	12,00/2,19		
Heating capacity / COP (A -7 °C, W 35 °C)	kW / COP	9,00/2,85	12,00/2,72		
Heating capacity / COP (A -7 °C, W 55 °C)	kW / COP	9,00/2,02	12,00/1,92		
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 _s %)	4,59/3,32(181/130)	4,32/3,32(170/130)	
	Energy class ¹⁾	A+++ to D	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)	
	Energy class ¹⁾	A+++ to D	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)	
	Energy class ¹⁾	A+++ to D	A++/A++	A++/A++	
Indoor unit		WH-ADC1216H6E5C		WH-ADC1216H6E5C	
Sound pressure	Heat / Cool	dB(A)	33/33	33/33	
Dimension	HxWxD	mm	1642x599x602	1642x599x602	
Net weight		kg	101	101	
Water pipe connector		Inch	R 1½	R 1½	
A class pump	Number of speeds		Variable Speed	Variable Speed	
	Input power (Min/Max)	W	—/—	—/—	
Heating water flow (ΔT=5 K, 35 °C)		L/min	25,80	34,40	
Electric backup heater		kW	6,00	6,00	
Recommended fuse		A	—/—	—/—	
Recommended minimum cable size, supply 1 / 2 ²⁾		mm ²	—/—	—/—	
Water volume		L	185	185	
Maximum DHW temperature		°C	65	65	
Material inside tank			Stainless steel	Stainless steel	
Tapping profile according EN16147			—	—	
DHW tank ERP efficiency average / warm / cold ³⁾		A+ to F	—/—/—	—/—/—	
DHW tank ERP average climate η / COPdHW		η _{wh} %/COPdHW	92/2,30	92/2,30	
DHW tank ERP warm climate η / COPdHW		η _{wh} %/COPdHW	107/2,67	107/2,67	
DHW tank ERP cold climate η / COPdHW		η _{wh} %/COPdHW	72/1,81	72/1,81	
Outdoor unit		WH-UX09HE5		WH-UX12HE5	
Sound power ⁴⁾	Heat	dB(A)	66	66	
Dimension / Net weight	HxWxD	mm / kg	1340x900x320/101	1340x900x320/101	
Refrigerant (R410A) / CO ₂ Eq.		kg / T	2,85/5,951	2,85/5,951	
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 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.

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

Accessories	
CZ-NS4P	Additional functions PCB
PAW-A2W-RTWIRED	Room thermostat
PAW-A2W-RTWIRELESS	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.

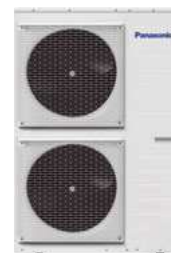
Comfort: Constant capacity down to -20 °C / Operating range down to -28 °C / 60 °C water outlet temperature.

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



Kit	Single phase (power to indoor)			Three phase (power to indoor)			
	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	H x W x D	mm	892 x 500 x 340	892 x 500 x 340	892 x 500 x 340	892 x 500 x 340	892 x 500 x 340
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⁾		mm ²	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-UX09H5	WH-UX12H5	WH-UX09H8	WH-UX12H8	WH-UX16H8
Sound power ²⁾	Heat	dB(A)	66	66	65	65	67
Dimension	H x W x D	mm	1340 x 900 x 320	1340 x 900 x 320	1340 x 900 x 320	1340 x 900 x 320	1340 x 900 x 320
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-RTWIREDLESS	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.

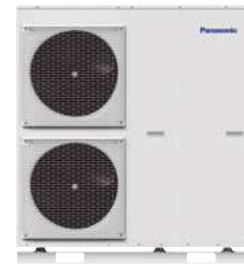
Comfort: Low noise level / Constant capacity down to -20 °C / Operating range down to -28 °C / 60 °C water outlet temperature.

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



Kit		Three phase (power to indoor)			
		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	
Dimension	H x W x D	mm	892 x 500 x 340	892 x 500 x 340	
Net weight		kg	43	44	
Water pipe connector		Inch	R 1½	R 1½	
A class pump	Number of speeds		Variable Speed	Variable Speed	
	Input power (Min/Max)	W	32/102	34/110	
Heating water flow (ΔT=5 K, 35 °C)		L/min	25,8	34,4	
Electric backup heater		kW	3,00	9,00	
Recommended fuse		A	15/30	15/30	
Recommended minimum cable size, supply 1 / 2 ¹⁾		mm ²	5 x 1,5 / 3 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	
Dimension	H x W x D	mm	1410 x 1283 x 320	1410 x 1283 x 320	
Net weight		kg	151	151	
Refrigerant (R410A) / CO ₂ Eq.		kg / T	2,85/5,951	2,85/5,951	
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		m	3-30	3-30	
Elevation difference (in / out)		m	20	20	
Pre-charged pipe length		m	10	10	
Additional gas amount		g/m	50	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) 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.