

Aquarea Hydraulic

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Aquarea T-CAP	9 kW	12 kW	16 kW	20 kW	25 kW	30 kW
<p>P. 70 , 72</p> <p>All in One - R290 1ph - 3ph</p>						
	<p>WH-ADC0916M3E51 WH-ADC0916M3E52 ¹⁾ WH-ADC0916M3E5AN2 WH-ADC0916M3E53 ¹⁾ WH-ADC0916M3E5AN3 WH-ADC0316M9E81 WH-ADC0316M9E82 WH-ADC0316M9E8AN2 WH-ADC0316M9E83 WH-ADC0316M9E8AN3 WH-WXG09ME5 WH-WXG09ME8</p>	<p>WH-ADC0916M3E51 WH-ADC0916M3E52 ¹⁾ WH-ADC0916M3E5AN2 WH-ADC0916M3E53 ¹⁾ WH-ADC0916M3E5AN3 WH-ADC0316M9E81 WH-ADC0316M9E82 WH-ADC0316M9E8AN2 WH-ADC0316M9E83 WH-ADC0316M9E8AN3 WH-WXG12ME5 WH-WXG12ME8</p>	<p>WH-ADC0316M9E81 WH-ADC0316M9E82 WH-ADC0316M9E8AN2 WH-ADC0316M9E83 WH-ADC0316M9E8AN3 WH-WXG16ME8</p>			
<p>P. 70 , 72</p> <p>Bi-bloc - R290 1ph - 3ph</p>						
	<p>WH-SDC0916M3E5 ¹⁾ WH-SDC0316M9E8 WH-WXG09ME5 WH-WXG09ME8</p>	<p>WH-SDC0916M3E5 ¹⁾ WH-SDC0316M9E8 WH-WXG12ME5 WH-WXG12ME8</p>	<p>WH-SDC0316M9E8 WH-WXG16ME8</p>			
<p>P. 70 , 72</p> <p>Control module - R290 1ph - 3ph</p>						
	<p>WH-CME5 WH-CME8 WH-WXG09ME5 WH-WXG09ME8</p>	<p>WH-CME5 WH-CME8 WH-WXG12ME5 WH-WXG12ME8</p>	<p>WH-CME8 WH-WXG16ME8</p>	<p>WH-CME8L WH-WXG20ME8</p>	<p>WH-CME8L WH-WXG25ME8</p>	<p>WH-CME8L WH-WXG30ME8</p>
<p>P. 70 , 72</p> <p>Stand-alone - R290 ²⁾ 1ph - 3ph</p>						
	<p>WH-WXG09ME5 WH-WXG09ME8</p>	<p>WH-WXG12ME5 WH-WXG12ME8</p>	<p>WH-WXG16ME8</p>	<p>WH-WXG20ME8</p>	<p>WH-WXG25ME8</p>	<p>WH-WXG30ME8</p>
<p>P. 74</p> <p>Mono-bloc - R32 1ph - 3ph</p>						
	<p>WH-MXC09J3E5-1 WH-MXC09J3E8-1</p>	<p>WH-MXC12J6E5-1 WH-MXC12J9E8-1</p>	<p>WH-MXC16J9E8-1</p>			





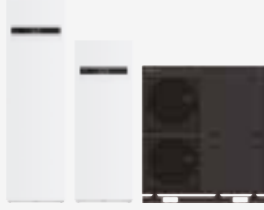





Models with R290 refrigerant. Models with R32 refrigerant.
1) Also available with other backup heater capacities. 2) Requires CZ-RTW2TAW1C.
WH-__E5 1ph // WH-__E8 3ph.

Aquarea High Performance	5 kW	7 kW	9 kW	12 kW	16 kW
<p>P. 76 , 78</p> <p>All in One - R290 1ph - 3ph</p>					
	<p>WH-ADC0509L3E51 WH-ADC0509L3E5 ¹⁾ WH-ADC0509L3E5B WH-ADC0509L3E5AN ¹⁾ WH-WDG05LE5</p>	<p>WH-ADC0509L3E51 WH-ADC0509L3E5 ¹⁾ WH-ADC0509L3E5B WH-ADC0509L3E5AN ¹⁾ WH-WDG07LE5</p>	<p>WH-ADC0509L3E51 WH-ADC0509L3E5 ¹⁾ WH-ADC0509L3E5B WH-ADC0509L3E5AN ¹⁾ WH-WDG09LE5</p> <p>WH-ADC0316M9E81 WH-ADC0316M9E82 WH-ADC0316M9E8AN2 WH-ADC0316M9E83 WH-ADC0316M9E8AN3 NEW! WH-WDG09ME8</p>	<p>WH-ADC0916M3E51 WH-ADC0916M3E52 ¹⁾ WH-ADC0916M3E5AN2 WH-ADC0916M3E53 ¹⁾ WH-ADC0916M3E5AN3 WH-ADC0316M9E81 WH-ADC0316M9E82 WH-ADC0316M9E8AN2 WH-ADC0316M9E83 WH-ADC0316M9E8AN3 NEW! WH-WDG12ME5 WH-WDG12ME8</p>	<p>WH-ADC0916M3E51 WH-ADC0916M3E52 ¹⁾ WH-ADC0916M3E5AN2 WH-ADC0916M3E53 ¹⁾ WH-ADC0916M3E5AN3 WH-ADC0316M9E81 WH-ADC0316M9E82 WH-ADC0316M9E8AN2 WH-ADC0316M9E83 WH-ADC0316M9E8AN3 NEW! WH-WDG16ME5 WH-WDG16ME8</p>
<p>P. 76 , 78</p> <p>Bi-bloc - R290 1ph - 3ph</p>					
	<p>WH-SDC0509L3E5 ¹⁾ WH-WDG05LE5</p>	<p>WH-SDC0509L3E5 ¹⁾ WH-WDG07LE5</p>	<p>WH-SDC0509L3E5 ¹⁾ WH-WDG09LE5</p> <p>WH-SDC0916M3E5 ¹⁾ WH-SDC0316M9E8 NEW! WH-WDG09ME8</p>	<p>WH-SDC0916M3E5 ¹⁾ WH-SDC0316M9E8 NEW! WH-WDG12ME5 WH-WDG12ME8</p>	<p>WH-SDC0916M3E5 ¹⁾ WH-SDC0316M9E8 NEW! WH-WDG16ME5 WH-WDG16ME8</p>
<p>P. 78</p> <p>Control module - R290 1ph - 3ph</p>					
			<p>WH-CME8 NEW! WH-WDG09ME8</p>	<p>WH-CME5 WH-CME8 NEW! WH-WDG12ME5 WH-WDG12ME8</p>	<p>WH-CME5 WH-CME8 NEW! WH-WDG16ME5 WH-WDG16ME8</p>
<p>P. 78</p> <p>Stand-alone - R290 ²⁾ 1ph - 3ph</p>					
			<p>NEW! WH-WDG09ME8</p>	<p>NEW! WH-WDG12ME5 WH-WDG12ME8</p>	<p>NEW! WH-WDG16ME5 WH-WDG16ME8</p>
<p>P. 81</p> <p>Mono-bloc - R32 1ph</p>					
	<p>NEW! WH-MDC05J3E5-1</p>	<p>NEW! WH-MDC07J3E5-1</p>	<p>NEW! WH-MDC09J3E5-1</p>		













Models with R290 refrigerant. Models with R32 refrigerant.
1) Also available with other backup heater capacities. 2) Requires CZ-RTW2TAW1C.
WH-__E5 1ph // WH-__E8 3ph.

Aquarea Split

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Aquarea T-CAP	9 kW	12 kW	16 kW
P. 82, 83, 84, 85 All in One - R32 1ph - 3ph	 WH-ADC0912K6E5 WH-ADC0912K6E5AN WH-ADC0912K6E53 WH-ADC0912K6E5AN3 WH-UXZ09KE5 WH-ADC0912K9E8 WH-ADC0912K9E8AN WH-ADC0912K9E83 WH-ADC0912K9E8AN3 WH-UXZ09KE8	 WH-ADC0912K6E5 WH-ADC0912K6E5AN WH-ADC0912K6E53 WH-ADC0912K6E5AN3 WH-UXZ12KE5 WH-ADC0912K9E8 WH-ADC0912K9E8AN WH-ADC0912K9E83 WH-ADC0912K9E8AN3 WH-UXZ12KE8	 WH-ADC16K9E8 WH-ADC16K9E8AN WH-ADC16K9E83 WH-ADC16K9E8AN3 WH-UXZ16KE8
	 WH-SXC09K3E5 ¹⁾ WH-UXZ09KE5 WH-SXC09K3E8 ¹⁾ WH-UXZ09KE8	 WH-SXC12K6E5 WH-UXZ12KE5 WH-SXC12K9E8 WH-UXZ12KE8	 WH-SXC16K9E8 WH-UXZ16KE8
Aquarea T-CAP Super Quiet	9 kW	12 kW	16 kW
P. 86, 87, 88, 89 All in One - R32 3ph	 NEW! WH-ADC0912K9E8 WH-ADC0912K9E8AN WH-ADC0912K9E83 WH-ADC0912K9E8AN3 WH-UQZ09KE8	 NEW! WH-ADC0912K9E8 WH-ADC0912K9E8AN WH-ADC0912K9E83 WH-ADC0912K9E8AN3 WH-UQZ12KE8	 NEW! WH-ADC16K9E8 WH-ADC16K9E8AN WH-ADC16K9E83 WH-ADC16K9E8AN3 WH-UQZ16KE8
	 NEW! WH-SXC09K9E8 ¹⁾ WH-UQZ09KE8	 NEW! WH-SXC12K9E8 WH-UQZ12KE8	 NEW! WH-SXC16K9E8 WH-UQZ16KE8

Models with R32 refrigerant.
 1) Also available with other backup heater capacities.
 WH-__E5 1ph // WH-__E8 3ph.

Aquarea High Performance	3 kW	5 kW	7 kW	9 kW	12 kW	16 kW
P. 92, 93, 94, 95, 96, 97, 98, 99 All in One - R32 1ph - 3ph	 WH-ADC0309K3E5 ¹⁾ WH-ADC0309K3E5B WH-ADC0309K3E5AN ¹⁾ WH-UDZ03KE5	 WH-ADC0309K3E5 ¹⁾ WH-ADC0309K3E5B WH-ADC0309K3E5AN ¹⁾ WH-UDZ05KE5	 WH-ADC0309K3E5 ¹⁾ WH-ADC0309K3E5B WH-ADC0309K3E5AN ¹⁾ WH-UDZ07KE5	 WH-ADC0309K3E5 ¹⁾ WH-ADC0309K3E5B WH-ADC0309K3E5AN ¹⁾ WH-UDZ09KE5 WH-ADC0912K9E8 WH-ADC0912K9E8AN WH-ADC0912K9E83 WH-ADC0912K9E8AN3 WH-UDZ09KE8	 WH-ADC0912K6E5 WH-ADC0912K6E5AN WH-ADC0912K6E53 WH-ADC0912K6E5AN3 WH-UDZ12KE5 WH-ADC0912K9E8 WH-ADC0912K9E8AN WH-ADC0912K9E83 WH-ADC0912K9E8AN3 WH-UDZ12KE8	 WH-ADC16K6E5 WH-ADC16K6E5AN WH-ADC16K6E53 WH-ADC16K6E5AN3 WH-UDZ16KE5 WH-ADC16K9E8 WH-ADC16K9E8AN WH-ADC16K9E83 WH-ADC16K9E8AN3 WH-UDZ16KE8
	 WH-SDC0309K3E5 ¹⁾ WH-UDZ03KE5	 WH-SDC0309K3E5 ¹⁾ WH-UDZ05KE5	 WH-SDC0309K3E5 ¹⁾ WH-UDZ07KE5	 WH-SDC0309K3E5 ¹⁾ WH-UDZ09KE5 WH-SDC09K3E8 ¹⁾ WH-UDZ09KE8	 WH-SDC12K6E5 WH-UDZ12KE5 WH-SDC12K9E8 WH-UDZ12KE8	 WH-SDC16K6E5 WH-UDZ16KE5 WH-SDC16K9E8 WH-UDZ16KE8

Models with R32 refrigerant.
 1) Also available with other backup heater capacities.
 WH-__E5 1ph // WH-__E8 3ph.

Aquarea EcoFleX	7,1 kW	9,5 kW
P. 102 EcoFleX - R32 1ph	 WH-ADF0309J3E5CM S-71WF3E CU-2WZ71YBE5	 NEW! WH-ADF0309K3E5M WH-ADF0309K3E5ANM S-71WF3E CS-MZ16CKE CS-Z20CKEW CS-Z25CKEW CS-Z35CKEW CS-Z42CKEW CS-Z50CKEW CS-Z71CKEW CS-MZ20CD3EA CS-Z25CD3EAW CS-Z35CD3EAW CS-Z50CD3EAW CS-Z60CD3EAW CS-Z60CD3EAW CU-4WZ90CBE5

Aquarea DHW Heat Pump

Aquarea DHW Heat Pump	100 L	150 L	200 L	260 L
P. 128 Aquarea DHW Heat Pump - R290 1ph	 P-DHW100AE5	 P-DHW150AE5	 P-DHW200AE5 P-DHW200CAE5	 P-DHW260AE5 P-DHW260CAE5

Aquarea T-CAP Hydraulic M Series outdoor units. Single phase / Three phase - R290

Natural refrigerant R290 with GWP 0,02.

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

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

Comfort: Constant capacity at 55 °C down to -15 °C / Operating range to -28 °C / Up to 75 °C flow temperature / 55 °C flow temperature at -25 °C / Low noise level

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

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*For All in One.

Combination table				Outdoor unit						
Indoor unit				Heating capacity						
DHW tank	Backup heater capacity	Electrical anode	Model	Single phase		Three phase				
				9,0 kW	12,0 kW	9,0 kW	12,0 kW	16,0 kW		
WH-WXG09ME5	WH-WXG12ME5	WH-WXG09ME8	WH-WXG12ME8	WH-WXG16ME8						
120 L	3 kW	—	WH-ADC0916M3E51	✓	✓	—	—	—	—	—
185 L	3 kW	—	WH-ADC0916M3E52	✓	✓	—	—	—	—	—
185 L	3 kW	✓	WH-ADC0916M3E5AN2	✓	✓	—	—	—	—	—
185 L	6 kW	—	WH-ADC0916M6E52	✓	✓	—	—	—	—	—
260 L	3 kW	—	WH-ADC0916M3E53	✓	✓	—	—	—	—	—
260 L	3 kW	✓	WH-ADC0916M3E5AN3	✓	✓	—	—	—	—	—
260 L	6 kW	—	WH-ADC0916M6E53	✓	✓	—	—	—	—	—
3ph	120 L	9 kW	—	WH-ADC0316M9E81	✓	✓	✓	✓	✓	✓
	185 L	9 kW	—	WH-ADC0316M9E82	✓	✓	✓	✓	✓	✓
	185 L	9 kW	✓	WH-ADC0316M9E8AN2	✓	✓	✓	✓	✓	✓
260 L	9 kW	—	WH-ADC0316M9E83	✓	✓	✓	✓	✓	✓	✓
	9 kW	✓	WH-ADC0316M9E8AN3	✓	✓	✓	✓	✓	✓	✓
1ph	—	3 kW	—	WH-SDC0916M3E5	✓	✓	—	—	—	—
	—	6 kW	—	WH-SDC0916M6E5	✓	✓	—	—	—	—
3ph	—	9 kW	—	WH-SDC0316M9E8	✓	✓	✓	✓	✓	✓
Control module	1ph	—	—	WH-CME5	✓	✓	—	—	—	—
	3ph	—	—	WH-CME8	✓	✓	✓	✓	✓	✓
Remote controller with Wi-Fi adapter	—	—	—	CZ-RTW2TAW1C	✓	✓	✓	✓	✓	✓

Combination table - Big Aquarea T-CAP Hydraulic M Series				Outdoor unit		
Indoor unit				Heating capacity		
				Three phase		
				20,0 kW	25,0 kW	30,0 kW
				WH-WXG20ME8	WH-WXG25ME8	WH-WXG30ME8
Control module	3ph	—	WH-CME8L	✓	✓	✓
Remote controller with Wi-Fi adapter	—	—	CZ-RTW2TAW1C	✓	✓	✓

Accessories	
CZ-RTW2TAW1C	Remote controller with Wi-Fi adapter (required for stand-alone outdoor units). M Series
CZ-RTW2-1	Optional remote controller for 2 zone control. M Series
CZ-NS6P	PCB for advanced functions. M Series All in One and Bi-bloc
CZ-NS7P	PCB for advanced functions. M Series control module
PAW-A2W-RTWIRED	Room thermostat
PAW-A2W-RTWIREDLESS	Wireless LCD room thermostat
PAW-A2W-AFVLV-112	1 antifreeze valve 1 1/2". It is required to order 2 valves per system. For 20, 25 and 30 kW
PAW-A2W-AFVLV-1	1 antifreeze valve 1". It is required to order 2 valves per system. For 9, 12 and 16 kW
PAW-TD20C1E5-1	Tank 200 L - Stainless steel
PAW-TD30C1E5-1	Tank 300 L - Stainless steel

Accessories	
PAW-TA20C1E5STD	Tank 200 L - Enamelled
PAW-TA30C1E5STD	Tank 300 L - Enamelled
PAW-TE50H1AE	Tank 500 L - Enamelled DHW
PAW-TE75H1AEAN	Tank 750 L - Enamelled DHW
PAW-TE90H1AEAN	Tank 900 L - Enamelled DHW
PAW-3WYVLV-HW	3 way valve for DHW tanks
PAW-BTANK50L-2	Buffer tank 50 L
PAW-BTANK100L	Buffer tank 100 L
PAW-BTANKG200L	Buffer tank 200 L
PAW-BTANKG260L	Buffer tank 260 L
PAW-BC50FAE	Buffer tank 500 L
PAW-BC80FAE	Buffer tank 800 L
PAW-BC100FAE	Buffer tank 1000 L



DHW A+: For All in One.

Aquarea T-CAP Hydraulic M Series outdoor units.

Outdoor unit		WH-WXG09ME5	WH-WXG12ME5	WH-WXG09ME8	WH-WXG12ME8	WH-WXG16ME8	
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	
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	
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	
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	
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	
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	
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	
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	
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	4,96/3,57(195/140)	5,00/3,46(197/135)	5,00/3,50(197/137)	4,73/3,65(186/143)	4,75/3,70(187/115)
	Energy class ¹⁾		A+++ to D	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++
Heating warm climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	6,47/4,34(256/171)	6,47/4,34(256/171)	6,33/4,40(250/173)	6,20/4,40(245/173)	6,08/4,45(240/175)
	Energy class ¹⁾		A+++ to D	A+++ / A+++	A+++ / A+++	A+++ / A+++	A+++ / A+++
Heating cold climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	4,31/3,26(169/127)	4,31/3,26(169/127)	4,45/3,20(175/125)	4,38/3,25(172/127)	4,33/3,40(170/133)
	Energy class ¹⁾		A+++ to D	A++ / A++	A++ / A++	A++ / A++	A++ / A++
Sound power ²⁾	Heat	dB(A)	52	53	52	53	
Dimension	HxWxD	mm	1520x1200x430	1520x1200x430	1520x1200x430	1520x1200x430	
	Net weight	kg	161	161	161	165	
A class pump	Number of speeds		Variable speed	Variable speed	Variable speed	Variable speed	
	Input power (Min/Max)	W	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 ₂ Eq. ³⁾	Heat	kg / T	1,78/0,00004	1,78/0,00004	1,78/0,00004	1,78/0,00004	
	Cool	°C	-28 ~ +35	-28 ~ +35	-28 ~ +35	-28 ~ +35	
Operating range - outdoor ambient	Heat	°C	+10 ~ +43	+10 ~ +43	+10 ~ +43	+10 ~ +43	
	DHW	°C	-28 ~ +43	-28 ~ +43	-28 ~ +43	-28 ~ +43	
Water outlet	Heat / Cool	°C	25 ~ 75 ⁴⁾ / 5 ~ 20	25 ~ 75 ⁴⁾ / 5 ~ 20	25 ~ 75 ⁴⁾ / 5 ~ 20	25 ~ 75 ⁴⁾ / 5 ~ 20	
	Recommended fuse, supply ⁵⁾	A	30	30	20	25	
Recommended minimum cable size, supply ⁵⁾	mm ²	3x4,0	3x4,0	5x1,5	5x1,5		

1) Scale from A+++ to D. 2) Sound power level in accordance to EN 12102 under conditions of the EN14825 (part load). 3) WH-WXG models are hermetically sealed. 4) Above -15 °C outdoor temperature. Between outdoor ambient -15 °C and -25 °C, the water outlet temperature gradually decreases from 75 °C to 55 °C. Below -25 °C outdoor temperature maximum water outlet temperature is 55 °C. 5) Check local regulations. *EER and COP calculation is based in accordance to EN 14511.

Big Aquarea T-CAP Hydraulic M Series outdoor units.

Outdoor unit		WH-WXG20ME8	WH-WXG25ME8	WH-WXG30ME8	
Heating capacity / COP (A +7 °C, W 35 °C)	kW / COP	20,00/4,80	25,00/4,50	30,00/4,40	
Heating capacity / COP (A +7 °C, W 55 °C)	kW / COP	20,00/3,18	25,00/3,00	30,00/3,00	
Heating capacity / COP (A +2 °C, W 35 °C)	kW / COP	20,00/3,39	25,00/2,80	30,00/2,50	
Heating capacity / COP (A +2 °C, W 55 °C)	kW / COP	20,00/2,08	25,00/1,97	30,00/1,95	
Heating capacity / COP (A -7 °C, W 35 °C)	kW / COP	20,00/2,48	25,00/2,36	30,00/2,33	
Heating capacity / COP (A -7 °C, W 55 °C)	kW / COP	20,00/1,90	25,00/1,80	30,00/1,49	
Cooling capacity / EER (A 35 °C, W 7 °C) at Comfort mode	kW / EER	20,00/3,02	25,00/2,86	26,00/2,68	
Cooling capacity / EER (A 35 °C, W 7 °C) at Efficiency mode (default)	kW / EER	15,00/3,61	15,00/3,61	15,00/3,61	
Cooling capacity / EER (A 35 °C, W 18 °C) at Comfort mode	kW / EER	20,00/4,79	25,00/4,47	30,00/4,10	
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	4,36/3,59 (171/141)	4,25/3,57 (167/140)	3,95/3,46 (155/135)
	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 %)	5,37/4,07 (212/160)	5,22/4,14 (206/163)	4,93/4,01 (194/158)
	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 %)	3,07/2,57 (120/100)	3,16/2,71 (123/105)	3,20/2,71 (125/105)
	Energy class ¹⁾		A+++ to D	A / A+	A+ / A+
Sound power ²⁾	Heat	dB(A)	56	59	61
Dimension	HxWxD	mm	1645x1500x460	1645x1500x460	1645x1500x460
	Net weight	kg	240	240	240
A class pump	Number of speeds		Variable speed	Variable speed	Variable speed
	Input power (Min/Max)	W	230	230	230
Heating water flow (ΔT=5 K, 35 °C)	L/min	57,3	71,6	86,0	
Refrigerant (R290) / CO ₂ Eq. ³⁾	Heat	kg / T	3,0/0,00006	3,0/0,00006	3,0/0,00006
	Cool	°C	-25 ~ +35	-25 ~ +35	-25 ~ +35
Operating range - outdoor ambient	Heat	°C	+10 ~ +43	+10 ~ +43	+10 ~ +43
	DHW	°C	-28 ~ +43	-28 ~ +43	-28 ~ +43
Water outlet	Heat / Cool	°C	20 ~ 75 ⁴⁾ / 5 ~ 20	20 ~ 75 ⁴⁾ / 5 ~ 20	20 ~ 75 ⁴⁾ / 5 ~ 20
	Recommended fuse, supply ⁵⁾	A	50	50	50
Recommended minimum cable size, supply ⁵⁾	mm ²	5x10 - 5x16	5x10 - 5x16	5x10 - 5x16	

1) Scale from A+++ to D. 2) Sound power level in accordance to EN 12102 under conditions of the EN14825 (part load). 3) WH-WXG models are hermetically sealed. 4) Above 15 °C ambient temperature. 5) Check local regulations. *EER and COP calculation is based in accordance to EN 14511.

Aquarea T-CAP Hydraulic M Series indoor units. Single phase / Three phase - R290

Natural refrigerant R290 with GWP 0,02.

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

Connectivity: Wi-Fi adapter included for smart control via Comfort Cloud App / Optional integration into BMS.



*For All in One.

Control module:

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

Indoor unit	WH-CME5		WH-CME8		WH-CME8L	
Dimension / Net weight	HxWxD	mm / kg	454x520 x 116/7	454x520 x 116/7	454x520 x 116/7	
Field supply electrical backup heater		kW	Up to 3 kW	Up to 9 kW	Up to 18 kW	
Recommended fuse, supply ¹⁾		A	16	30	≤9 kW: 20 — 9 kW< ≤18 kW: 40	
Recommended minimum cable size, supply ¹⁾		mm ²	3x1,5	3x4,0	≤12 kW: 5x2,5 12 kW< ≤15 kW: 5x4,0 15 kW< ≤18 kW: 5x6,0	
Connecting cable to the outdoor unit size		mm ²	2x0,75	2x0,75	2x0,75	

1) Check local regulations.

Bi-bloc:

Flexibility: Flexible choice of DHW tank size.

Indoor unit	WH-SDC0916M3E5		WH-SDC0916M6E5		WH-SDC0316M9E8	
Sound pressure	Heat / Cool	dB(A)	22/22	22/22	22/22	
Dimension / Net weight	HxWxD	mm / kg	892x500x348/28	892x500x348/28	892x500x348/29	
Water pipe connector	Room	Inch	1¼	1¼	1¼	
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	

Electrical information for Bi-bloc and All in One indoor units		Single phase (3 kW heater)	Single phase (6 kW heater)	Three phase (9 kW heater)
Electric backup heater	kW	3,00	6,00	9,00
Recommended fuse, supply ¹⁾	A	16	30	20
Recommended minimum cable size, supply ¹⁾	mm ²	3x1,5	3x4,0	5x1,5
Connecting cable to the outdoor unit size	mm ²	2x0,75	2x0,75	2x0,75

1) Check local regulations. *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	
CZ-RTW2TAW1C	Remote controller with Wi-Fi adapter (required for stand-alone outdoor units). M Series
CZ-RTW2-1	Optional remote controller for 2 zone control. M Series
CZ-NS6P	PCB for advanced functions. M Series All in One and Bi-bloc
CZ-NS7P	PCB for advanced functions. M Series control module
PAW-A2W-RTWIRED	Room thermostat
PAW-A2W-RTWIREDLESS	Wireless LCD room thermostat
CZ-NV3	3 way valve kit to fit inside the hydrokit. M Series
PAW-TD20C1E5-1	Tank 200 L - Stainless steel
PAW-TD30C1E5-1	Tank 300 L - Stainless steel
PAW-TA20C1E5STD	Tank 200 L - Enamelled

Accessories	
PAW-TA30C1E5STD	Tank 300 L - Enamelled
PAW-TE50H1AE	Tank 500 L - Enamelled DHW
PAW-TE75H1AEAN	Tank 750 L - Enamelled DHW
PAW-TE90H1AEAN	Tank 900 L - Enamelled DHW
PAW-3WYVLV-HW	3 way valve for DHW tanks
PAW-BTANK50L-2	Buffer tank 50 L
PAW-BTANK100L	Buffer tank 100 L
PAW-BTANKG200L	Buffer tank 200 L
PAW-BTANKG260L	Buffer tank 260 L
PAW-BC50FAE	Buffer tank 500 L
PAW-BC80FAE	Buffer tank 800 L
PAW-BC100FAE	Buffer tank 1000 L



DHW A+: For All in One.

All in One:

Energy efficiency: A+ in DHW / DHW up to 65 °C without heater / Stainless steel DHW tank with U-Vacua™.

Flexibility: Backup heater included / Built-in 10 L expansion vessel / 30 m maximum height difference between indoor and outdoor / Suitable for harsh-water installations (AN version).

All in One with 120 L DHW tank*		Single phase	Three phase
Indoor unit		WH-ADC0916M3E51	WH-ADC0316M9E81
Dimension / Net weight	HxWxD	mm / kg	1293x599 x 602/74
Water volume		L	120
Electric backup heater		kW	3,00

Domestic Hot Water energy efficiency					
Indoor unit	WH-ADC0916M3E51	WH-ADC0916M3E51	WH-ADC0316M9E81	WH-ADC0316M9E81	WH-ADC0316M9E81
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 ¹⁾	A+ to F	A+/A/A	A+/A/A	A+/A/A	A+/A/A
DHW tank ERP average climate η / COPdHW	ηwh%/COPdHW	96/2,41	96/2,41	96/2,41	96/2,41
DHW tank ERP warm climate η / COPdHW	ηwh%/COPdHW	101/2,7	101/2,7	101/2,7	101/2,7
DHW tank ERP cold climate η / COPdHW	ηwh%/COPdHW	70/1,75	70/1,75	70/1,75	70/1,75

All in One with 185 L DHW tank			
Indoor unit	WH-ADC0916M3E52	WH-ADC0916M6E52	WH-ADC0316M9E82
Indoor unit with Electrical Anode	WH-ADC0916M3E5AN2	—	WH-ADC0316M9E8AN2
Dimension / Net weight	HxWxD	mm / kg	1642x599x602 / 89
Water volume		L	185
Electric backup heater		kW	3,00

Domestic Hot Water energy efficiency					
Indoor unit	WH-ADC0916M3E52	WH-ADC0916M3E52	WH-ADC0316M9E82	WH-ADC0316M9E82	WH-ADC0316M9E82
Indoor unit	WH-ADC0916M6E52	WH-ADC0916M6E52	—	—	—
Indoor unit	WH-ADC0916M3E5AN2	WH-ADC0916M3E5AN2	WH-ADC0316M9E8AN2	WH-ADC0316M9E8AN2	WH-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 ¹⁾	A+ to F	A+/A+/A	A+/A+/A	A+/A+/A	A+/A+/A
DHW tank ERP average climate η / COPdHW	ηwh%/COPdHW	123/3,00	123/3,00	123/3,00	117/2,85
DHW tank ERP warm climate η / COPdHW	ηwh%/COPdHW	132/3,30	132/3,30	132/3,30	128/3,20
DHW tank ERP cold climate η / COPdHW	ηwh%/COPdHW	88/2,20	88/2,20	88/2,20	84/2,10

All in One with 260 L DHW tank			
Indoor unit	WH-ADC0916M3E53	WH-ADC0916M6E53	WH-ADC0316M9E83
Indoor unit with Electrical Anode	WH-ADC0916M3E5AN3	—	WH-ADC0316M9E8AN3
Dimension / Net weight	HxWxD	mm / kg	2036x599x602/105
Water volume		L	260
Electric backup heater		kW	3,00

Domestic Hot Water energy efficiency					
Indoor unit	WH-ADC0916M3E53	WH-ADC0916M3E53	WH-ADC0316M9E83	WH-ADC0316M9E83	WH-ADC0316M9E83
Indoor unit	WH-ADC0916M6E53	WH-ADC0916M6E53	—	—	—
Indoor unit	WH-ADC0916M3E5AN3	WH-ADC0916M3E5AN3	WH-ADC0316M9E8AN3	WH-ADC0316M9E8AN3	WH-ADC0316M9E8AN3
Outdoor unit	WH-WXG09ME5	WH-WXG12ME5	WH-WXG09ME8	WH-WXG12ME8	WH-WXG16ME8
Tapping profile according EN16147	XL	XL	XL	XL	XL
DHW tank ERP efficiency average / warm / cold ¹⁾	A+ to F	A+/A+/A	A+/A+/A	A+/A+/A	A+/A+/A
DHW tank ERP average climate η / COPdHW	ηwh%/COPdHW	123/3,00	123/3,00	125/3,10	115/2,85
DHW tank ERP warm climate η / COPdHW	ηwh%/COPdHW	132/3,30	132/3,30	136/3,35	129/3,20
DHW tank ERP cold climate η / COPdHW	ηwh%/COPdHW	88/2,20	88/2,20	95/2,35	85/2,10

All in One Indoor units technical data			
Sound pressure	Heat / Cool	dB(A)	22/22
Water pipe connector	Room / Shower	Inch	1¼/¾
Maximum DHW temperature		°C	65
Material inside tank			Stainless steel
Water pipe connector (indoor / outdoor units)		Inch	1¼/1¼
Pipe length range standard / maximum		m	5/30
Elevation difference (in / out)		m	30

1) 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.

Aquarea T-CAP Mono-bloc J Series. Single phase / Three phase - 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 at 55 °C down to -15 °C / 65 °C water outlet temperature.

Control: Additional functions with optional PCB [2 zone control, bivalent control, Smart Grid contact and more].

Connectivity: Optional Wi-Fi and BMS integration.

Check all our certified heat pumps on: www.heatpumpkeymark.com



		Single phase			Three phase	
Outdoor unit		WH-MXC09J3E5-1	WH-MXC12J6E5-1	WH-MXC09J3E8-1	WH-MXC12J9E8-1	WH-MXC16J9E8-1
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 _s %)	4,96/3,57(195/140)	4,96/3,57(195/140)	4,96/3,57(195/140)	4,96/3,57(195/140)
	Energy class ¹⁾		A+++ to D	A+++/A++	A+++/A++	A+++/A++
Heating warm climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	6,47/4,34(256/171)	6,47/4,34(256/171)	6,47/4,34(256/171)	5,88/4,09(232/160)
	Energy class ¹⁾		A+++ to D	A+++/A+++	A+++/A+++	A+++/A+++
Heating cold climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	4,31/3,26(169/127)	4,31/3,26(169/127)	4,31/3,26(169/127)	3,83/3,20(150/125)
	Energy class ¹⁾		A+++ to D	A++/A++	A++/A++	A++/A++
Sound power ²⁾	Heat	dB(A)	61	61	61	63
Dimension	HxWxD	mm	1410x1283x320	1410x1283x320	1410x1283x320	1410x1283x320
Net weight		kg	140	140	140	150
Refrigerant [R32] / CO ₂ Eq. ³⁾	kg / T		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
Pump	Number of speeds		Variable speed	Variable speed	Variable speed	Variable speed
	Input power (Min/Max)	W	32/145	34/145	145	145
Heating water flow (ΔT=5 K, 35 °C)		L/min	25,8	34,4	25,8	34,4
Electric backup heater		kW	3,00	6,00	3,00	9,00
Input power	Heat	kW	1,77	2,50	1,77	2,50
	Cool	kW	2,83	4,14	2,91	4,23
Running and starting current	Heat	A	8,3	11,6	2,6	3,7
	Cool	A	13,1	19,1	4,3	6,3
Current 1		A	29,0	29,0	14,7	11,8
Current 2		A	13,0	26,0	13,0	13,0
Recommended fuse, supply 1 / 2 ⁴⁾		A	30/30	30/30	20/16	20/20
Recommended minimum cable size, supply 1 / 2 ⁴⁾		mm ²	3x4,0/3x4,0	3x4,0/3x4,0	5x1,5/3x1,5	5x1,5/5x1,5
Operating range - outdoor ambient	Heat	°C	-20 ~ +35	-20 ~ +35	-20 ~ +35	-20 ~ +35
	Cool	°C	10 ~ +43	10 ~ +43	10 ~ +43	10 ~ +43
Water outlet ⁵⁾	Heat	°C	20 ~ 65	20 ~ 65	20 ~ 65	20 ~ 65
	Cool	°C	5 ~ 20	5 ~ 20	5 ~ 20	5 ~ 20

1) Scale from A+++ to D. 2) Sound power level in accordance to EN 12102 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 EN 14511.

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-3WYVVL-HW	3 way valve for DHW tanks
PAW-BTANK50L-2	Buffer tank 50 L

Accessories	
CZ-TAW1B	Optional Wi-Fi or WLAN adapter for smart control via Comfort Cloud App and/or remote maintenance via Aquarea Service Cloud
CZ-TAW1-CBL	10 m extension cable for CZ-TAW1B
PAW-A2W-AFVLV-1	1 antifreeze valve 1". It is required to order 2 valves per system
PAW-A2W-RTWIRED	Room thermostat
PAW-A2W-RTWIRELESS	Wireless LCD room thermostat



Validating efficiency and performance of Aquarea Heat Pumps

Aquarea Heat Pumps achieve outstanding efficiency and performance, validated through ErP labels and Keymark certifications. These credentials ensure that Aquarea Heat Pumps deliver reliable and sustainable heating solutions.



Manufacturer or brand
Product identifier
Symbol for space heating
DHW heating symbol with details of tapping profile
Energy efficiency scale for DHW heating
Efficiency scale for space heating
Optional symbol where operation is possible only in off-peak periods
Temperature map of Europe with three climate zones and the rated heat output of each
Sound power level outdoors and (where relevant) indoors

Energy labels: guiding consumers to energy savings.

Energy labels help consumers make informed purchasing decisions and support Ecodesign requirements that reduce energy demand and combat global warming. Heat pumps are classified into seven efficiency categories, from A+++ (most efficient) to D (least efficient). For hot water cylinders, the range is from A+ to F. Thanks to advanced technologies, Panasonic offers solutions that achieve the highest energy ratings, ensuring high-efficiency and performance.



Keymark certification: a mark of quality and reliability.

The Keymark certification is a quality mark that demonstrates compliance with European standards. Issued by independent certification bodies, it ensures products meet rigorous quality and performance criteria. Aquarea Heat Pumps proudly carry the Keymark certification, validating their exceptional efficiency and reliability.

Check all our certified heat pumps on: www.heatpumpkeymark.com



Aquarea High Performance Hydraulic L Series. Single phase - R290

Natural refrigerant R290 with GWP 0,02.

Energy efficiency: A+++ in heating at 35 °C.

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

Comfort: Operation without backup heater down to -25 °C / 75 °C flow temperature at -10 °C / 55 °C flow temperature at -25 °C.



Combination table					Outdoor unit		
Indoor unit					Heating capacity		
	DHW tank	Backup heater capacity	2 zones	Electrical anode	Single phase (power to indoor)		
					5,0 kW	7,0 kW	9,0 kW
					WH-WDG05LE5	WH-WDG07LE5	WH-WDG09LE5
Hydraulic All in One	1ph	120 L	3 kW	—	—	✓	✓
		185 L	3 kW	—	—	✓	✓
		185 L	3 kW	—	✓	✓	✓
		185 L	6 kW	—	—	✓	✓
		185 L	6 kW	—	✓	✓	✓
		185 L	3 kW	✓	—	✓	✓
Hydraulic Bi-bloc	1ph	—	3 kW	—	—	✓	✓
		—	6 kW	—	—	✓	✓

Outdoor unit		WH-WDG05LE5	WH-WDG07LE5	WH-WDG09LE5	
Heating capacity / COP (A +7 °C, W 35 °C)	kW / COP	5,00/5,05	7,00/4,93	9,00/4,55	
Heating capacity / COP (A +7 °C, W 55 °C)	kW / COP	5,00/3,07	7,00/2,98	8,90/3,03	
Heating capacity / COP (A +2 °C, W 35 °C)	kW / COP	5,00/3,52	6,85/3,43	7,00/3,41	
Heating capacity / COP (A +2 °C, W 55 °C)	kW / COP	5,00/2,34	6,25/2,34	7,00/2,41	
Heating capacity / COP (A -7 °C, W 35 °C)	kW / COP	5,00/3,01	5,80/3,01	7,00/2,80	
Heating capacity / COP (A -7 °C, W 55 °C)	kW / COP	5,00/2,12	5,80/2,12	7,00/2,13	
Cooling capacity / EER (A 35 °C, W 7 °C)	kW / EER	5,00/3,23	7,00/3,03	8,20/2,82	
Cooling capacity / EER (A 35 °C, W 18 °C)	kW / EER	5,00/5,00	7,00/4,73	9,00/4,19	
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	5,06/3,63(200/142)	4,96/3,62(195/142)	4,84/3,67(190/144)
	Energy class ¹⁾		A+++ / A++	A+++ / A++	A+++ / A++
Heating warm climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	6,00/4,27(237/168)	6,31/4,52(249/178)	6,44/4,50(255/177)
	Energy class ¹⁾		A+++ / A+++	A+++ / A+++	A+++ / A+++
Heating cold climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	4,25/3,28(167/128)	4,25/3,29(167/129)	4,31/3,33(170/130)
	Energy class ¹⁾		A++ / A++	A++ / A++	A++ / A++
Sound power ²⁾	Heat	dB(A)	52	53	54
Dimension / Net weight	H x W x D	mm / kg	996 x 980 x 430 / 98	996 x 980 x 430 / 98	996 x 980 x 430 / 97
Refrigerant (R290) / CO ₂ Eq.		kg / T	0,96/0,00002	0,96/0,00002	1,00/0,00002
Operating range - outdoor ambient	Heat	°C	-25 ~ +35	-25 ~ +35	-25 ~ +35
	Cool	°C	+10 ~ +43	+10 ~ +43	+10 ~ +43
Water outlet	Heat / Cool	°C	20 ~ 75 / 5 ~ 20	20 ~ 75 / 5 ~ 20	20 ~ 75 / 5 ~ 20

1) Scale from A+++ to D. 2) Sound power level in accordance to EN 12102 under conditions of the EN14825 (part load). *EER and COP calculation is based in accordance to EN 14511.



DHW A+: For All in One.

All in One:

Energy efficiency: A+ in DHW / DHW up to 65 °C without heater / Stainless steel DHW tank with U-Vacua™.

Flexibility: Built-in 2 zone kit (for 2 zones models) / Suitable for harsh-water installations (AN version).

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

Connectivity: Wi-Fi adapter included for smart control via Comfort Cloud App.

Indoor unit	WH-ADC0509L3E51		WH-ADC0509L3E5	WH-ADC0509L6E5
Indoor unit 2 zones	—		WH-ADC0509L3E5B	—
Indoor unit with Electrical Anode	—		WH-ADC0509L3E5AN	WH-ADC0509L6E5AN
Sound pressure	Heat / Cool	dB(A)	31/31	28/28
Dimension	H x W x D	mm	1293 x 599 x 602	1642 x 599 x 602
Net weight / 2 zones model		kg	79 / —	93 / 101
Water pipe connector	Room	Inch	1 1/4	1 1/4
	Shower	Inch	3/4	3/4
A class pump	Number of speeds		Variable speed	Variable speed
	Input power (Min/Max)	W	30/145	30/145
Heating water flow (ΔT=5 K, 35 °C)		L/min	14,3	14,3
Water volume		L	120	185
Maximum DHW temperature		°C	65	65
Material inside tank			Stainless steel	Stainless steel
Water pipe connector (indoor / outdoor units)		Inch	1/1	1/1
Pipe length range standard / maximum		m	5/30	5/30
Elevation difference (in / out)		m	10	10
Electric backup heater		kW	3,00	3,00
Recommended fuse, supply 1 / 2 ¹⁾		A	25/16	25/16
Recommended minimum cable size, supply 1 / 2 ¹⁾		mm ²	3x2,5/3x1,5	3x2,5/3x1,5

Indoor unit	WH-	120 L		185 L	
		ADC0509L3E51	ADC0509L3E5	ADC0509L3E51	ADC0509L3E5
		—	ADC0509L3E5AN	—	ADC0509L3E5AN
		—	ADC0509L3E5B	—	ADC0509L3E5B
		—	ADC0509L6E5	—	ADC0509L6E5
		—	ADC0509L6E5AN	—	ADC0509L6E5AN

Outdoor unit	WH-WDG05LE5		WH-WDG07LE5		WH-WDG09LE5	
Tapping profile according EN16147	M	L	M	L	M	L
DHW tank ERP efficiency average / warm / cold ²⁾	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 _{wh} % / COPdHW	115/2,88	148/3,61	115/2,88	148/3,61	115/2,88
DHW tank ERP warm climate η / COPdHW	η _{wh} % / COPdHW	134/3,35	160/4,00	134/3,35	160/4,00	134/3,35
DHW tank ERP cold climate η / COPdHW	η _{wh} % / COPdHW	90/2,26	112/2,80	90/2,26	112/2,80	90/2,26

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.

Bi-bloc:

Flexibility: Flexible choice of DHW tank size.

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

Connectivity: Wi-Fi adapter included for smart control via Comfort Cloud App.

Indoor unit	WH-SDC0509L3E5		WH-SDC0509L6E5
Sound pressure	Heat / Cool	dB(A)	28/28
Dimension / Net weight	H x W x D	mm / kg	892 x 500 x 348 / 33
Water pipe connector	Room	Inch	R 1 1/4
A class pump	Number of speeds		Variable speed
	Input power (Min/Max)	W	30/145
Heating water flow (ΔT=5 K, 35 °C)		L/min	14,3
Water pipe connector (indoor / outdoor units)		Inch	1/1
Pipe length range standard / maximum		m	5/30
Elevation difference (in / out)		m	10
Electric backup heater		kW	3,00
Recommended fuse, supply 1 / 2 ¹⁾		A	25/16
Recommended minimum cable size, supply 1 / 2 ¹⁾		mm ²	3x2,5/3x1,5

1) Check local regulations. *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.

Common accessories	
CZ-RTW1	Optional remote controller for 2 zone control. K and L Series
CZ-NS5P	PCB for advanced functions
PAW-A2W-RTWIRED	Room thermostat
PAW-A2W-RTWIREDLESS	Wireless LCD room thermostat
PAW-A2W-AFVLY-1	1 antifreeze valve 1". It is required to order 2 valves per system

Bi-bloc 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-3WYVLY-HW	3 way valve for DHW tanks
CZ-NV2	3 way valve kit to fit inside the hydrokit. K and L Series
PAW-BTANK50L-2	Buffer tank 50 L

NEW! Aquarea High Performance Hydraulic M Series outdoor units. Single phase - R290

Natural refrigerant R290 with GWP 0,02.
Energy efficiency: A+++ in heating at 35 °C.
Flexibility: Hydronic connection between indoor and outdoor / Built-in magnetic water filter.
Comfort: Operation without backup heating at -25 °C / 75 °C water outlet temperature maximum at -15 °C outside temperature / 55 °C hot water even at -25 °C outside temperature.



Combination table				Outdoor unit						
Indoor unit				Heating capacity						
Indoor unit	DHW tank	Backup heater capacity	Electrical anode	Single phase						
				12,0 kW		16,0 kW		9,0 kW	Three phase	
				WH-WDG12ME5	WH-WDG16ME5	WH-WDG09ME8	WH-WDG12ME8	WH-WDG16ME8		
Hydraulic All in One	120 L	3 kW	—	WH-ADC0916M3E51	✓	✓	—	—	—	
	185 L	3 kW	—	WH-ADC0916M3E52	✓	✓	—	—	—	
	185 L	3 kW	✓	WH-ADC0916M3E5AN2	✓	✓	—	—	—	
	185 L	6 kW	—	WH-ADC0916M6E52	✓	✓	—	—	—	
	260 L	3 kW	—	WH-ADC0916M3E53	✓	✓	—	—	—	
	260 L	3 kW	✓	WH-ADC0916M3E5AN3	✓	✓	—	—	—	
	260 L	6 kW	—	WH-ADC0916M6E53	✓	✓	—	—	—	
	120 L	9 kW	—	WH-ADC0316M9E81	✓	✓	✓	✓	✓	
	185 L	9 kW	—	WH-ADC0316M9E82	✓	✓	✓	✓	✓	
	185 L	9 kW	✓	WH-ADC0316M9E8AN2	✓	✓	✓	✓	✓	
Hydraulic Bi-bloc	1ph	3 kW	—	WH-SDC0916M3E5	✓	✓	—	—	—	
	1ph	6 kW	—	WH-SDC0916M6E5	✓	✓	—	—	—	
	3ph	9 kW	—	WH-SDC0316M9E8	✓	✓	✓	✓	✓	
Control module	1ph	—	—	WH-CME5	✓	✓	—	—	—	
	3ph	—	—	WH-CME8	✓	✓	✓	✓	✓	
Remote controller with Wi-Fi adapter	—	—	—	CZ-RTW2TAW1C	✓	✓	✓	✓	✓	

Outdoor unit		WH-WDG12ME5	WH-WDG16ME5	WH-WDG09ME8	WH-WDG12ME8	WH-WDG16ME8	
Heating capacity / COP [A +7 °C, W 35 °C]	kW / COP	12,00/4,88	16,00/4,65	9,00/5,10	12,00/4,88	16,00/4,65	
Heating capacity / COP [A +7 °C, W 55 °C]	kW / COP	12,00/3,06	14,70/3,00	9,00/3,10	12,00/3,06	14,70/3,00	
Heating capacity / COP [A +2 °C, W 35 °C]	kW / COP	12,00/3,46	13,00/3,30	9,00/3,81	12,00/3,46	13,00/3,30	
Heating capacity / COP [A +2 °C, W 55 °C]	kW / COP	12,00/2,27	12,00/2,27	9,00/2,52	12,00/2,27	12,00/2,27	
Heating capacity / COP [A -7 °C, W 35 °C]	kW / COP	10,50/3,00	11,70/2,63	9,00/3,16	10,50/3,00	11,70/2,63	
Heating capacity / COP [A -7 °C, W 55 °C]	kW / COP	10,00/1,97	10,80/1,90	9,00/2,07	10,00/1,97	10,80/1,90	
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	
Cooling capacity / EER [A 35 °C, W 18 °C]	kW / EER	9,00/5,26	9,00/5,26	9,00/5,26	9,00/5,26	9,00/5,26	
Heating average climate [W 35 °C / W 55 °C]	Seasonal energy efficiency	SCOP [η _s %]	4,65/3,50(183/137)	4,58/3,58(180/140)	4,84/3,57(191/140)	4,65/3,58(183/140)	4,58/3,58(180/140)
	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 %]	6,20/4,34(245/171)	6,20/4,34(245/171)	6,01/4,17(237/164)	6,20/4,34(245/171)	6,20/4,34(245/171)
	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 %]	4,35/3,26(171/127)	4,30/3,26(169/127)	4,23/3,12(166/122)	4,35/3,26(171/127)	4,30/3,26(169/127)
	Energy class ¹⁾	A+++ to D	A++ / A++	A++ / A++	A++ / A+	A++ / A++	A++ / A++
Sound power ²⁾	Heat	dB(A)	55	58	54	55	58
Dimension / Net weight	H x W x D	mm / kg	1520x1200x370/147	1520x1200x370/147	1520x1200x370/151	1520x1200x370/151	1520x1200x370/151
Pipe length range standard / maximum	m		5/30	5/30	5/30	5/30	5/30
Elevation difference (in / out)	m		30	30	30	30	30
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		34,4	45,9	25,8	34,4	45,9
Refrigerant [R290] / CO ₂ Eq. ³⁾	kg / T		1,58/0,00003	1,58/0,00003	1,58/0,00003	1,58/0,00003	1,58/0,00003
Operating range - outdoor ambient	Heat	°C	-25 ~ +35	-25 ~ +35	-25 ~ +35	-25 ~ +35	-25 ~ +35
	Cool	°C	+10 ~ +43	+10 ~ +43	+10 ~ +43	+10 ~ +43	+10 ~ +43
Water outlet	Heat ⁴⁾ / Cool	°C	25 ~ 75/5 ~ 20	25 ~ 75/5 ~ 20	25 ~ 75/5 ~ 20	25 ~ 75/5 ~ 20	25 ~ 75/5 ~ 20
Recommended fuse, supply ⁵⁾	A		32	32	20	20	20
Recommended minimum cable size, supply ⁵⁾	mm ²		3x4,0	3x4,0	5x1,5	5x1,5	5x1,5

1) Scale from A+++ to D. 2) Sound power level in accordance to EN 12102 under conditions of the EN14825 (part load). 3) WH-WDG models are hermetically sealed. 4) Water outlet up to 75 °C above -15 °C outdoor. Between outdoor ambient -15 °C and -25 °C, the water outlet temperature gradually decreases from 75 °C to 55 °C. 5) Check local regulations. **EER and COP calculation is based in accordance to EN 14511.



DHW A+: For All in One.

NEW



All in One:

Energy efficiency: A+ in DHW / DHW up to 65 °C without heater / Stainless steel DHW tank with U-Vacua™.
Flexibility: Backup heater included / Built-in 10 L expansion vessel / 30 m maximum height difference between indoor and outdoor / Suitable for harsh-water installations (AN version).

Indoor unit	WH-ADC	0916M3E51	0316M9E81	0916M3E52	0916M6E52	0316M9E82	0916M3E53	0916M6E53	0316M9E83
Indoor unit with Electrical Anode	WH-ADC	—	—	0916M3E5AN2	—	0316M9E8AN2	0916M3E5AN3	—	0316M9E8AN3
Sound pressure	Heat / Cool	dB(A)	22/22	22/22	22/22	22/22	22/22	22/22	22/22
Dimension / Net weight	H x W x D	mm / kg	1293 x 599 x 602/73	1293 x 599 x 602/77	1642 x 599 x 602/88	1642 x 599 x 602/88	1642 x 599 x 602/89	2036 x 599 x 602/105	2036 x 599 x 602/105
Water pipe connector	Room / Shower	Inch	1¼/¾	1¼/¾	1¼/¾	1¼/¾	1¼/¾	1¼/¾	1¼/¾
Water volume	L		120	120	185	185	185	260	260
Maximum DHW temperature	°C		65	65	65	65	65	65	65
Material inside tank			Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Water pipe connector (indoor / outdoor units)	Inch		1¼/1¼	1¼/1¼	1¼/1¼	1¼/1¼	1¼/1¼	1¼/1¼	1¼/1¼
Electric backup heater	kW		3,00	9,00	3,00	6,00	9,00	3,00	6,00
Recommended fuse, supply ¹⁾	A		15/16	20	15/16	30	20	15/16	30
Recommended minimum cable size, supply ¹⁾	mm ²		3x1,5	5x1,5	3x1,5	3x4,0	5x1,5	3x1,5	3x4,0
Connecting cable to the outdoor unit size	mm ²		2x0,75	2x0,75	2x0,75	2x0,75	2x0,75	2x0,75	2x0,75

Domestic Hot Water energy efficiency

Indoor unit	WH-	ADC0916M3E51	ADC0916M3E51	ADC0916M3E52	ADC0916M3E52	ADC0916M3E53	ADC0916M3E53
		—	—	ADC0916M3E5AN2	ADC0916M3E5AN2	ADC0916M3E5AN3	ADC0916M3E5AN3
Outdoor unit	WH-	WH-WDG12ME5	WH-WDG16ME5	WH-WDG12ME5	WH-WDG16ME5	WH-WDG12ME5	WH-WDG16ME5
		—	—	ADC0916M6E52	ADC0916M6E52	ADC0916M6E53	ADC0916M6E53
Tapping profile according EN16147		M	M	L	L	XL	XL
DHW tank ERP efficiency average / warm / cold ²⁾	A+ to F	A+/A+/A	A+/A+/A	A+/A+/A	A+/A+/A	A+/A+/A	A+/A+/A
DHW tank ERP average climate η / COPdHW	η _{wh} % / COPdHW	100/2,51	96/2,40	120/3,00	115/2,87	124/3,10	114/2,85
DHW tank ERP warm climate η / COPdHW	η _{wh} % / COPdHW	104/2,60	101/2,51	134/3,35	134/3,35	134/3,35	134/3,35
DHW tank ERP cold climate η / COPdHW	η _{wh} % / COPdHW	73/1,82	70/1,75	88/2,20	84/2,10	94/2,35	84/2,10

Domestic Hot Water energy efficiency

Indoor unit	WH-ADC	WH-ADC0316M9E81	WH-ADC0316M9E81	WH-ADC0316M9E81	WH-ADC0316M9E82	WH-ADC0316M9E82
		—	—	—	WH-ADC0316M9E8AN2	WH-ADC0316M9E8AN2
Outdoor unit	WH-ADC	WH-WDG09ME8	WH-WDG12ME8	WH-WDG16ME8	WH-WDG09ME8	WH-WDG12ME8
		—	—	—	—	—
Tapping profile according EN16147		M	M	M	L	L
DHW tank ERP efficiency average / warm / cold ²⁾	A+ to F	A+/A+/A	A+/A+/A	A+/A+/A	A+/A+/A	A+/A+/A
DHW tank ERP average climate η / COPdHW	η _{wh} % / COPdHW	100/2,51	100/2,51	96/2,40	120/3,00	120/3,00
DHW tank ERP warm climate η / COPdHW	η _{wh} % / COPdHW	108/2,70	108/2,70	101/2,51	134/3,35	134/3,35
DHW tank ERP cold climate η / COPdHW	η _{wh} % / COPdHW	73/1,82	73/1,82	70/1,75	88/2,20	88/2,20

Domestic Hot Water energy efficiency

Indoor unit	WH-ADC	WH-ADC0316M9E82	WH-ADC0316M9E83	WH-ADC0316M9E83	WH-ADC0316M9E83
		WH-ADC0316M9E8AN2	WH-ADC0316M9E8AN3	WH-ADC0316M9E8AN3	WH-ADC0316M9E8AN3
Outdoor unit	WH-ADC	WH-WDG16ME8	WH-WDG09ME8	WH-WDG12ME8	WH-WDG16ME8
		—	—	—	—
Tapping profile according EN16147		L	XL	XL	XL
DHW tank ERP efficiency average / warm / cold ²⁾	A+ to F	A+/A+/A	A+/A+/A	A+/A+/A	A+/A+/A
DHW tank ERP average climate η / COPdHW	η _{wh} % / COPdHW	115/2,87	124/3,10	124/3,10	114/2,85
DHW tank ERP warm climate η / COPdHW	η _{wh} % / COPdHW	134/3,35	134/3,35	134/3,35	134/3,35
DHW tank ERP cold climate η / COPdHW	η _{wh} % / COPdHW	84/2,10	84/2,10	94/2,35	84/2,10

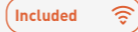
1) Check local regulations. 2) Scale from A+ to F. Energy class A with 16 kW outdoor unit. *Tentative data. **This product is designed to comply with the European drinking water standard (EU) 2020/2184. The lifespan of the product is not guaranteed in the case of the use of groundwater, such as spring 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.

Aquarea High Performance Hydraulic M Series indoor units. Single phase - R290

Natural refrigerant R290 with GWP 0,02.

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

Connectivity: Wi-Fi adapter included for smart control via Comfort Cloud App / Optional integration into BMS.



Bi-bloc:

Flexibility: Flexible choice of DHW tank size.

Indoor unit			WH-SDC0916M3E5	WH-SDC0916M4E5	WH-SDC0916M9E8
Sound pressure	Heat / Cool	dB(A)	22/22	22/22	22/22
Dimension / Net weight	HxWxD	mm / kg	892x500x348/28	892x500x348/28	892x500x348/29
Water pipe connector	Room	Inch	1¼	1¼	1¼
Water pipe connector (indoor / outdoor units)		Inch	1¼/1¼	1¼/1¼	1¼/1¼
Electric backup heater		kW	3,00	6,00	9,00
Recommended fuse, supply ¹⁾		A	15/16	30	20
Recommended minimum cable size, supply ¹⁾		mm ²	3x1,5	3x4,0	5x1,5
Connecting cable to the outdoor unit size		mm ²	2x0,75	2x0,75	2x0,75

¹⁾ Check local regulations. *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.

Indoor unit			WH-CME5	WH-CME8
Dimension / Net weight	HxWxD	mm / kg	454x520 x116/7	454x520 x116/7
Field supply electrical backup heater		kW	Up to 3 kW	Up to 9 kW
Recommended fuse, supply ¹⁾		A	16	30
Recommended minimum cable size, supply ¹⁾		mm ²	3x1,5	3x4,0
Connecting cable to the outdoor unit size		mm ²	2x0,75	2x0,75

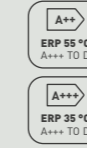
¹⁾ Check local regulations.

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

Accessories	
CZ-NV3	3 way valve kit to fit inside the hydrokit. M Series
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
PAW-BTANK50L-2	Buffer tank 50 L
PAW-BTANK100L	Buffer tank 100 L
PAW-BTANKG200L	Buffer tank 200 L
PAW-BTANKG260L	Buffer tank 260 L

NEW

Check all our certified heat pumps on:
www.heatpumpkeymark.com



NEW! Aquarea High Performance Mono-bloc J Series. Single phase - MDC - 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 / Built-in 6 L expansion vessel.

Comfort: Operating range to -20 °C / 60 °C flow temperature / Cooling mode down to +10 °C.

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

Connectivity: Optional Wi-Fi and BMS integration

Outdoor unit			WH-MDC05J3E5-1	WH-MDC07J3E5-1	WH-MDC09J3E5-1
Heating capacity / COP (A +7 °C, W 35 °C)	kW / COP		5,00/5,08	7,00/4,76	9,00/4,48
Heating capacity / COP (A +7 °C, W 55 °C)	kW / COP		5,00/3,01	7,00/2,82	8,95/2,78
Heating capacity / COP (A +2 °C, W 35 °C)	kW / COP		5,00/3,57	7,00/3,40	7,45/3,13
Heating capacity / COP (A +2 °C, W 55 °C)	kW / COP		5,00/2,27	6,30/2,16	7,00/2,12
Heating capacity / COP (A -7 °C, W 35 °C)	kW / COP		5,00/2,78	6,80/2,81	7,50/2,63
Heating capacity / COP (A -7 °C, W 55 °C)	kW / COP		5,00/1,85	6,30/1,86	7,00/1,80
Cooling capacity / EER (A 35 °C, W 7 °C)	kW / EER		5,00/3,31	7,00/3,06	9,00/2,71
Cooling capacity / EER (A 35 °C, W 18 °C)	kW / EER		5,00/5,05	7,00/4,73	9,00/4,25
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s , %)	5,12/3,63 (202/142)	4,90/3,32 (193/130)	4,90/3,32 (193/130)
	Energy class		A+++ / A++	A+++ / A++	A+++ / A++
Heating warm climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s , %)	6,00/4,20 (237/165)	5,75/4,07 (227/160)	5,75/4,07 (227/160)
	Energy class		A+++ / A+++	A+++ / A+++	A+++ / A+++
Heating cold climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s , %)	4,08/2,95 (160/115)	4,18/2,98 (164/116)	4,18/2,98 (164/116)
	Energy class		A++ / A+	A++ / A+	A++ / A+
Sound power ¹⁾	Heat	dB(A)	59	59	59
Dimension	HxWxD	mm	865x1283x320	865x1283x320	865x1283x320
Net weight		kg	99	104	104
Refrigerant (R32) / CO ₂ Eq. ²⁾		kg / T	1,3/0,878	1,3/0,878	1,3/0,878
Water pipe connector		Inch	R 1¼	R 1¼	R 1¼
Pump	Number of speeds		Variable speed	Variable speed	Variable speed
	Input power (Min/Max)	W	34/96	36/100	39/108
Heating water flow [ΔT=5 K, 35 °C]		L/min	14,3	20,1	25,8
Electric backup heater		kW	3,00	3,00	3,00
Input power	Heat	kW	0,985	1,47	2,01
	Cool	kW	1,51	2,29	3,32
Running and starting current	Heat	A	4,7	7,0	9,3
	Cool	A	7,0	10,5	14,7
Current 1		A	12	17	17
Current 2		A	13	13	13
Recommended fuse ³⁾		A	30/15	30/15	30/16
Recommended minimum cable size, supply 1 / 2 ³⁾		mm ²	3x1,5/3x1,5	3x2,5/3x1,5	3x2,5/3x1,5
Operating range - outdoor ambient	Heat	°C	-20 ~ 35	-20 ~ 35	-20 ~ 35
	Cool	°C	+10 ~ +43	+10 ~ +43	+10 ~ +43
Water outlet	Heat	°C	20 ~ 60	20 ~ 60	20 ~ 60
	Cool	°C	5 ~ 20	5 ~ 20	5 ~ 20

¹⁾ Sound power in accordance to 811/2013, 813/2013 and EN 12102-1:2017 at +7 °C. ²⁾ WH-MDC models are hermetically sealed. ³⁾ Check local regulations. *EER and COP calculation is based in accordance to EN 14511.

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	Optional Wi-Fi or WLAN adapter for smart control via Comfort Cloud App and/or remote maintenance via Aquarea Service Cloud
CZ-TAW1-CBL	10 m extension cable for CZ-TAW1B
PAW-A2W-AFVLV-1	1 antifreeze valve 1". It is required to order 2 valves per system
PAW-A2W-RTWIRED	Room thermostat
PAW-A2W-RTWIREDLESS	Wireless LCD room thermostat



Aquarea T-CAP All in One 185 L K Series. Single phase / Three phase - R32

Comfort: Constant capacity at 55 °C down to -15 °C / Operating range to -28 °C / 60 °C flow temperature at -10 °C.

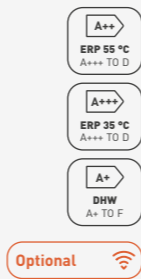
Flexibility: 599 x 602 footprint / Built-in magnetic water filter.

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

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

Connectivity: Optional Wi-Fi and BMS integration.

Check all our certified heat pumps on: www.heatpumpkeymark.com



Kit	Single phase (power to indoor)			Three phase (power to indoor)		
	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	15,50/3,60
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s , %)	4,96/3,57(195/140)	4,96/3,57(195/140)	4,96/3,57(195/140)	4,58/3,46(180/135)
	Energy class ¹⁾	A+++ to D	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++
Heating warm climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s , %)	6,47/4,34(256/171)	6,47/4,34(256/171)	6,47/4,34(256/171)	5,88/4,09(232/160)
	Energy class ¹⁾	A+++ to D	A+++ / A+++	A+++ / A+++	A+++ / A+++	A+++ / A+++
Heating cold climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s , %)	4,31/3,26(169/127)	4,31/3,26(169/127)	4,31/3,26(169/127)	3,83/3,20(150/125)
	Energy class ¹⁾	A+++ to D	A++ / A++	A++ / A++	A++ / A++	A++ / A++
Indoor unit			WH-ADC0912K6E5	WH-ADC0912K6E5	WH-ADC0912K9E8	WH-ADC16K9E8
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 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
	Input power	W	145	145	145	173
Heating water flow [ΔT=5 K, 35 °C]		L/min	25,8	34,4	25,8	45,9
Water volume		L	185	185	185	185
Maximum DHW temperature		°C	65	65	65	65
Material inside tank			Stainless steel	Stainless steel	Stainless steel	Stainless steel
Tapping profile according EN16147			L	L	L	L
DHW tank ERP efficiency average / warm / cold ²⁾	A+ to F	A/A+/A	A/A+/A	A/A+/A	A/A+/A	A/A+/A
DHW tank ERP average climate η / COPdHW	η _{wh} % / COPdHW	112/2,80	112/2,80	112/2,80	112/2,80	107/2,68
DHW tank ERP warm climate η / COPdHW	η _{wh} % / COPdHW	132/3,30	132/3,30	132/3,30	132/3,30	128/3,20
DHW tank ERP cold climate η / COPdHW	η _{wh} % / COPdHW	88/2,20	88/2,20	88/2,20	88/2,20	84/2,10
Outdoor unit			WH-UXZ09KE5	WH-UXZ12KE5	WH-UXZ09KE8	WH-UXZ12KE8
Sound power ³⁾	Heat	dB(A)	65	65	65	65
Dimension / Net weight	HxWxD	mm / kg	1340x900x320/88	1340x900x320/88	1340x900x320/90	1340x900x320/103
Refrigerant [R32] / CO ₂ 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 ⁴⁾	Heat / Cool	°C	20 ~ 60/5 ~ 20	20 ~ 60/5 ~ 20	20 ~ 60/5 ~ 20	20 ~ 60/5 ~ 20

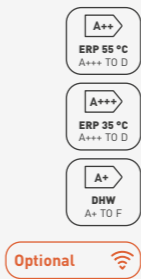
Electrical information	WH-ADC0912K6E5	WH-ADC0912K6E5	WH-ADC0912K9E8	WH-ADC0912K9E8	WH-ADC16K9E8
Electric backup heater	kW	6,00	6,00	9,00	9,00
Recommended fuse ⁵⁾	A	30/30	30/30	20/20	20/20
Recommended minimum cable size, supply 1 / 2 ⁵⁾	mm ²	3x4,0/3x4,0	3x4,0/3x4,0	5x1,5/5x1,5	5x1,5/5x1,5

1) Scale from A+++ to D. 2) Scale from A+ to F. 3) Sound power level in accordance to EN 12102 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. *EER and COP calculation is based in accordance to EN 14511. **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	
CZ-RTW1	Optional remote controller for 2 zone control. K and L Series
CZ-TAW1B	Optional Wi-Fi or WLAN adapter for smart control via Comfort Cloud App and/or remote maintenance via Aquarea Service Cloud



Check all our certified heat pumps on: www.heatpumpkeymark.com



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	15,50/3,60
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s , %)	4,96/3,57(195/140)	4,96/3,57(195/140)	4,96/3,57(195/140)	4,58/3,46(180/135)
	Energy class ¹⁾	A+++ to D	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++
Heating warm climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s , %)	6,47/4,34(256/171)	6,47/4,34(256/171)	6,47/4,34(256/171)	5,88/4,09(232/160)
	Energy class ¹⁾	A+++ to D	A+++ / A+++	A+++ / A+++	A+++ / A+++	A+++ / A+++
Heating cold climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s , %)	4,31/3,26(169/127)	4,31/3,26(169/127)	4,31/3,26(169/127)	3,83/3,20(150/125)
	Energy class ¹⁾	A+++ to D	A++ / A++	A++ / A++	A++ / A++	A++ / A++
Indoor unit			WH-ADC0912K6E5AN	WH-ADC0912K6E5AN	WH-ADC0912K9E8AN	WH-ADC16K9E8AN
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 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
	Input power	W	145	145	145	173
Heating water flow [ΔT=5 K, 35 °C]		L/min	25,8	34,4	25,8	45,9
Water volume		L	185	185	185	185
Maximum DHW temperature		°C	65	65	65	65
Material inside tank			Stainless steel	Stainless steel	Stainless steel	Stainless steel
Tapping profile according EN16147			L	L	L	L
DHW tank ERP efficiency average / warm / cold ²⁾	A+ to F	A/A+/A	A/A+/A	A/A+/A	A/A+/A	A/A+/A
DHW tank ERP average climate η / COPdHW	η _{wh} % / COPdHW	112/2,80	112/2,80	112/2,80	112/2,80	107/2,68
DHW tank ERP warm climate η / COPdHW	η _{wh} % / COPdHW	132/3,30	132/3,30	132/3,30	132/3,30	128/3,20
DHW tank ERP cold climate η / COPdHW	η _{wh} % / COPdHW	88/2,20	88/2,20	88/2,20	88/2,20	84/2,10
Outdoor unit			WH-UXZ09KE5AN	WH-UXZ12KE5AN	WH-UXZ09KE8AN	WH-UXZ12KE8AN
Sound power ³⁾	Heat	dB(A)	65	65	65	65
Dimension / Net weight	HxWxD	mm / kg	1340x900x320/88	1340x900x320/88	1340x900x320/90	1340x900x320/103
Refrigerant [R32] / CO ₂ 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 ⁴⁾	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	9,00
Recommended fuse ⁵⁾	A	30/30	30/30	20/20	20/20
Recommended minimum cable size, supply 1 / 2 ⁵⁾	mm ²	3x4,0/3x4,0	3x4,0/3x4,0	5x1,5/5x1,5	5x1,5/5x1,5

1) Scale from A+++ to D. 2) Scale from A+ to F. 3) Sound power level in accordance to EN 12102 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. *EER and COP calculation is based in accordance to EN 14511. **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	
CZ-RTW1	Optional remote controller for 2 zone control. K and L Series
CZ-TAW1B	Optional Wi-Fi or WLAN adapter for smart control via Comfort Cloud App and/or remote maintenance via Aquarea Service Cloud



Aquarea T-CAP All in One 185 L K Series. Single phase / Three phase with Electrical Anode - R32

Comfort: Constant capacity at 55 °C down to -15 °C / Operating range to -28 °C / 60 °C flow temperature at -10 °C.

Flexibility: Suitable for harsh-water installations / 599 x 602 footprint / Built-in magnetic water filter.

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

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

Connectivity: Optional Wi-Fi and BMS integration.

Aquarea T-CAP All in One 260 L K Series. Single phase / Three phase · R32

Comfort: Constant capacity at 55 °C down to -15 °C / Operating range to -28 °C / 60 °C flow temperature at -10 °C.

Flexibility: 599 x 602 footprint / Built-in magnetic water filter.

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

Control: Optimised user interface and improved features [2 zone control, bivalent control].

Connectivity: Optional Wi-Fi and BMS integration.



Kit	Single phase (power to indoor)			Three phase (power to indoor)		
	KIT-AXC09K6E53	KIT-AXC12K6E53	KIT-AXC09K9E83	KIT-AXC12K9E83	KIT-AXC16K9E83	
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	15,50/3,60
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP [η _s , %]	4,96/3,57(195/140)	4,96/3,57(195/140)	4,96/3,57(195/140)	4,58/3,46(180/135)
	Energy class ¹⁾	A+++ to D	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++
Heating warm climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP [η _s , %]	6,47/4,34(256/171)	6,47/4,34(256/171)	6,47/4,34(256/171)	5,88/4,09(232/160)
	Energy class ¹⁾	A+++ to D	A+++ / A+++	A+++ / A+++	A+++ / A+++	A+++ / A+++
Heating cold climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP [η _s , %]	4,31/3,26(169/127)	4,31/3,26(169/127)	4,31/3,26(169/127)	3,83/3,20(150/125)
	Energy class ¹⁾	A+++ to D	A++ / A++	A++ / A++	A++ / A++	A++ / A++
Indoor unit			WH-ADC0912K6E53	WH-ADC0912K9E83	WH-ADC16K9E83	
Sound pressure	Heat / Cool	dB(A)	33/33	33/33	33/33	33/33
Dimension	HxWxD	mm	2036x599x602	2036x599x602	2036x599x602	2036x599x602
Net weight		kg	119	119	119	120
Water pipe connector		Inch	R 1½	R 1½	R 1½	R 1½
A class pump	Number of speeds		Variable speed	Variable speed	Variable speed	Variable speed
	Input power	W	145	145	145	145
Heating water flow [ΔT=5 K, 35 °C]		L/min	25,8	34,4	25,8	34,4
Water volume		L	260	260	260	260
Maximum DHW temperature		°C	65	65	65	65
Material inside tank			Stainless steel	Stainless steel	Stainless steel	Stainless steel
Tapping profile according EN16147			XL	XL	XL	XL
DHW tank ERP efficiency average / warm / cold ²⁾	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 _{wh} / COPdHW	123/3,08	123/3,08	123/3,08	98/2,45
DHW tank ERP warm climate η / COPdHW		η _{wh} / COPdHW	134/3,35	134/3,35	134/3,35	123/3,08
DHW tank ERP cold climate η / COPdHW		η _{wh} / COPdHW	94/2,35	94/2,35	94/2,35	80/2,00
Outdoor unit			WH-UXZ09KE5	WH-UXZ12KE5	WH-UXZ09KE8	WH-UXZ12KE8
Sound power ³⁾	Heat	dB(A)	65	65	65	65
Dimension / Net weight	HxWxD	mm / kg	1340x900x320/88	1340x900x320/88	1340x900x320/90	1340x900x320/103
Refrigerant [R32] / CO ₂ 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 ⁴⁾	Heat / Cool	°C	20-60/5-20	20-60/5-20	20-60/5-20	20-60/5-20

Electrical information	WH-ADC0912K6E53	WH-ADC0912K6E53	WH-ADC0912K9E83	WH-ADC0912K9E83	WH-ADC16K9E83
Electric backup heater	kW	6,00	6,00	9,00	9,00
Recommended fuse ⁵⁾	A	30/30	30/30	20/20	20/20
Recommended minimum cable size, supply 1 / 2 ⁵⁾	mm ²	3x4,0/3x4,0	3x4,0/3x4,0	5x1,5/5x1,5	5x1,5/5x1,5

1) Scale from A+++ to D. 2) Scale from A+ to F. 3) Sound power level in accordance to EN 12102 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. *EER and COP calculation is based in accordance to EN 14511. **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	
CZ-RTW1	Optional remote controller for 2 zone control. K and L Series
CZ-TAW1B	Optional Wi-Fi or WLAN adapter for smart control via Comfort Cloud App and/or remote maintenance via Aquarea Service Cloud



Aquarea T-CAP All in One 260 L K Series. Single phase / Three phase with Electrical Anode · R32

Comfort: Constant capacity at 55 °C down to -15 °C / Operating range to -28 °C / 60 °C flow temperature at -10 °C.

Flexibility: Suitable for harsh-water installations / 599 x 602 footprint / Built-in magnetic water filter.

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

Control: Optimised user interface and improved features [2 zone control, bivalent control].

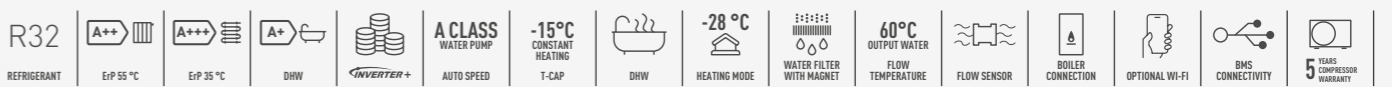
Connectivity: Optional Wi-Fi and BMS integration.

Kit	Single phase (power to indoor)			Three phase (power to indoor)		
	KIT-AXC09K6E5AN3	KIT-AXC12K6E5AN3	KIT-AXC09K9E8AN3	KIT-AXC12K9E8AN3	KIT-AXC16K9E8AN3	
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	15,50/3,60
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP [η _s , %]	4,96/3,57(195/140)	4,96/3,57(195/140)	4,96/3,57(195/140)	4,58/3,46(180/135)
	Energy class ¹⁾	A+++ to D	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++
Heating warm climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP [η _s , %]	6,47/4,34(256/171)	6,47/4,34(256/171)	6,47/4,34(256/171)	5,88/4,09(232/160)
	Energy class ¹⁾	A+++ to D	A+++ / A+++	A+++ / A+++	A+++ / A+++	A+++ / A+++
Heating cold climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP [η _s , %]	4,31/3,26(169/127)	4,31/3,26(169/127)	4,31/3,26(169/127)	3,83/3,20(150/125)
	Energy class ¹⁾	A+++ to D	A++ / A++	A++ / A++	A++ / A++	A++ / A++
Indoor unit			WH-ADC0912K6E5AN3	WH-ADC0912K9E8AN3	WH-ADC16K9E8AN3	
Sound pressure	Heat / Cool	dB(A)	33/33	33/33	33/33	33/33
Dimension	HxWxD	mm	2036x599x602	2036x599x602	2036x599x602	2036x599x602
Net weight		kg	119	119	119	120
Water pipe connector		Inch	R 1½	R 1½	R 1½	R 1½
A class pump	Number of speeds		Variable speed	Variable speed	Variable speed	Variable speed
	Input power	W	145	145	145	145
Heating water flow [ΔT=5 K, 35 °C]		L/min	25,8	34,4	25,8	34,4
Water volume		L	260	260	260	260
Maximum DHW temperature		°C	65	65	65	65
Material inside tank			Stainless steel	Stainless steel	Stainless steel	Stainless steel
Tapping profile according EN16147			XL	XL	XL	XL
DHW tank ERP efficiency average / warm / cold ²⁾	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 _{wh} / COPdHW	123/3,08	123/3,08	123/3,08	98/2,45
DHW tank ERP warm climate η / COPdHW		η _{wh} / COPdHW	134/3,35	134/3,35	134/3,35	123/3,08
DHW tank ERP cold climate η / COPdHW		η _{wh} / COPdHW	94/2,35	94/2,35	94/2,35	80/2,00
Outdoor unit			WH-UXZ09KE5	WH-UXZ12KE5	WH-UXZ09KE8	WH-UXZ12KE8
Sound power ³⁾	Heat	dB(A)	65	65	65	65
Dimension / Net weight	HxWxD	mm / kg	1340x900x320/88	1340x900x320/88	1340x900x320/90	1340x900x320/103
Refrigerant [R32] / CO ₂ 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 ⁴⁾	Heat / Cool	°C	20-60/5-20	20-60/5-20	20-60/5-20	20-60/5-20

Electrical information	WH-ADC0912K6E5AN3	WH-ADC0912K6E5AN3	WH-ADC0912K9E8AN3	WH-ADC0912K9E8AN3	WH-ADC16K9E8AN3
Electric backup heater	kW	6,00	6,00	9,00	9,00
Recommended fuse ⁵⁾	A	30/30	30/30	20/20	20/20
Recommended minimum cable size, supply 1 / 2 ⁵⁾	mm ²	3x4,0/3x4,0	3x4,0/3x4,0	5x1,5/5x1,5	5x1,5/5x1,5

1) Scale from A+++ to D. 2) Scale from A+ to F. 3) Sound power level in accordance to EN 12102 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. *EER and COP calculation is based in accordance to EN 14511. **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	
CZ-RTW1	Optional remote controller for 2 zone control. K and L Series
CZ-TAW1B	Optional Wi-Fi or WLAN adapter for smart control via Comfort Cloud App and/or remote maintenance via Aquarea Service Cloud



NEW! Aquarea T-CAP All in One 185 L K Series. Three phase. Super Quiet outdoor unit - R32

Comfort: Super Quiet outdoor unit [-7 dB(A)] / Constant capacity at 55 °C down to -15 °C / Operating range to -28 °C / 60 °C flow temperature at -10 °C

Flexibility: 599 x 602 footprint / Built-in magnetic water filter.

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

Control: Optimised user interface and improved features [2 zone control, bivalent control].

Connectivity: Optional Wi-Fi and BMS integration.



Three phase [power to indoor]

Kit			KIT-AQC09K9E8	KIT-AQC12K9E8	KIT-AQC16K9E8
Heating capacity / COP [A +7 °C, W 35 °C]	kW / COP		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	16,00/2,72
Heating capacity / COP [A +2 °C, W 35 °C]	kW / COP		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	16,00/2,07
Heating capacity / COP [A -7 °C, W 35 °C]	kW / COP		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	12,00/2,20	16,00/1,71
Cooling capacity / EER [A 35 °C, W 7 °C]	kW / EER		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	15,50/3,60
Heating average climate [W 35 °C / W 55 °C]	Seasonal energy efficiency	SCOP (η _s , %)	4,44 / 3,20 [175 / 125]	4,44 / 3,34 [175 / 131]	4,46 / 3,31 [176 / 129]
	Energy class ¹⁾	A+++ to D	A+++ / A++	A+++ / A++	A+++ / A++
Heating warm climate [W 35 °C / W 55 °C]	Seasonal energy efficiency	SCOP (η _s , %)	6,47 / 4,34 [256 / 171]	6,47 / 4,34 [256 / 171]	5,88 / 4,09 [232 / 160]
	Energy class ¹⁾	A+++ to D	A+++ / A+++	A+++ / A+++	A+++ / A+++
Heating cold climate [W 35 °C / W 55 °C]	Seasonal energy efficiency	SCOP (η _s , %)	4,31 / 3,26 [169 / 127]	4,31 / 3,26 [169 / 127]	3,83 / 3,20 [150 / 125]
	Energy class ¹⁾	A+++ to D	A++ / A++	A++ / A++	A++ / A++
Indoor unit			WH-ADC0912K9E8	WH-ADC0912K9E8	WH-ADC16K9E8
Sound pressure	Heat / Cool	dB(A)	33/33	33/33	33/33
Dimension	HxWxD	mm	1642x599x602	1642x599x602	1642x599x602
Net weight		kg	102	102	103
Water pipe connector		Inch	R 1¼	R 1¼	R 1¼
A class pump	Number of speeds		Variable speed	Variable speed	Variable speed
	Input power	W	145	145	173
Heating water flow [ΔT=5 K, 35 °C]		L/min	25,8	34,4	45,9
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 ²⁾	A+ to F	A/A+/A	A/A+/A	A/A+/A	A/A+/A
DHW tank ERP average climate η / COPdHW	η _{wh} % / COPdHW	112/2,80	112/2,80	107/2,68	107/2,68
DHW tank ERP warm climate η / COPdHW	η _{wh} % / COPdHW	132/3,30	132/3,30	128/3,20	128/3,20
DHW tank ERP cold climate η / COPdHW	η _{wh} % / COPdHW	88/2,20	88/2,20	84/2,10	84/2,10
Outdoor unit			WH-UQZ09KE8	WH-UQZ12KE8	WH-UQZ16KE8
Sound power ³⁾	Heat	dB(A)	58	58	62
Dimension / Net weight	HxWxD	mm / kg	1410x1284x322/131	1410x1284x322/131	1410x1284x322/145
Refrigerant [R32] / CO ₂ Eq.		kg / T	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)
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	10/30	10/30	10/30
Operating range - outdoor ambient	Heat	°C	-28 ~ +35	-28 ~ +35	-28 ~ +35
	Cool	°C	+10 ~ +43	+10 ~ +43	+10 ~ +43
Water outlet ⁴⁾	Heat / Cool	°C	20 ~ 60/5 ~ 20	20 ~ 60/5 ~ 20	20 ~ 60/5 ~ 20

Electrical information		WH-ADC0912K9E8	WH-ADC0912K9E8	WH-ADC16K9E8
Electric backup heater	kW	9,00	9,00	9,00
Recommended fuse ⁵⁾	A	20/20	20/20	20/20
Recommended minimum cable size, supply 1 / 2 ⁵⁾	mm ²	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 EN 12102 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. *EER and COP calculation is based in accordance to EN 14511. **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	
CZ-RTW1	Optional remote controller for 2 zone control. K and L Series
CZ-TAW1B	Optional Wi-Fi or WLAN adapter for smart control via Comfort Cloud App and/or remote maintenance via Aquarea Service Cloud

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



NEW



Three phase [power to indoor]

Kit			KIT-AQC09K9E8AN	KIT-AQC12K9E8AN	KIT-AQC16K9E8AN
Heating capacity / COP [A +7 °C, W 35 °C]	kW / COP		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	16,00/2,72
Heating capacity / COP [A +2 °C, W 35 °C]	kW / COP		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	16,00/2,07
Heating capacity / COP [A -7 °C, W 35 °C]	kW / COP		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	12,00/2,20	16,00/1,71
Cooling capacity / EER [A 35 °C, W 7 °C]	kW / EER		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	15,50/3,60
Heating average climate [W 35 °C / W 55 °C]	Seasonal energy efficiency	SCOP (η _s , %)	4,44 / 3,20 [175 / 125]	4,44 / 3,34 [175 / 131]	4,46 / 3,31 [176 / 129]
	Energy class ¹⁾	A+++ to D	A+++ / A++	A+++ / A++	A+++ / A++
Heating warm climate [W 35 °C / W 55 °C]	Seasonal energy efficiency	SCOP (η _s , %)	6,47 / 4,34 [256 / 171]	6,47 / 4,34 [256 / 171]	5,88 / 4,09 [232 / 160]
	Energy class ¹⁾	A+++ to D	A+++ / A+++	A+++ / A+++	A+++ / A+++
Heating cold climate [W 35 °C / W 55 °C]	Seasonal energy efficiency	SCOP (η _s , %)	4,31 / 3,26 [169 / 127]	4,31 / 3,26 [169 / 127]	3,83 / 3,20 [150 / 125]
	Energy class ¹⁾	A+++ to D	A++ / A++	A++ / A++	A++ / A++
Indoor unit			WH-ADC0912K9E8AN	WH-ADC0912K9E8AN	WH-ADC16K9E8AN
Sound pressure	Heat / Cool	dB(A)	33/33	33/33	33/33
Dimension	HxWxD	mm	1642x599x602	1642x599x602	1642x599x602
Net weight		kg	102	102	103
Water pipe connector		Inch	R 1¼	R 1¼	R 1¼
A class pump	Number of speeds		Variable speed	Variable speed	Variable speed
	Input power	W	145	145	173
Heating water flow [ΔT=5 K, 35 °C]		L/min	25,8	34,4	45,9
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 ²⁾	A+ to F	A/A+/A	A/A+/A	A/A+/A	A/A+/A
DHW tank ERP average climate η / COPdHW	η _{wh} % / COPdHW	112/2,80	112/2,80	107/2,68	107/2,68
DHW tank ERP warm climate η / COPdHW	η _{wh} % / COPdHW	132/3,30	132/3,30	128/3,20	128/3,20
DHW tank ERP cold climate η / COPdHW	η _{wh} % / COPdHW	88/2,20	88/2,20	84/2,10	84/2,10
Outdoor unit			WH-UQZ09KE8AN	WH-UQZ12KE8AN	WH-UQZ16KE8AN
Sound power ³⁾	Heat	dB(A)	58	58	62
Dimension / Net weight	HxWxD	mm / kg	1410x1284x322/131	1410x1284x322/131	1410x1284x322/145
Refrigerant [R32] / CO ₂ Eq.		kg / T	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)
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	10/30	10/30	10/30
Operating range - outdoor ambient	Heat	°C	-28 ~ +35	-28 ~ +35	-28 ~ +35
	Cool	°C	+10 ~ +43	+10 ~ +43	+10 ~ +43
Water outlet ⁴⁾	Heat / Cool	°C	20 ~ 60/5 ~ 20	20 ~ 60/5 ~ 20	20 ~ 60/5 ~ 20

Electrical information		WH-ADC0912K9E8AN	WH-ADC0912K9E8AN	WH-ADC16K9E8AN
Electric backup heater	kW	9,00	9,00	9,00
Recommended fuse ⁵⁾	A	20/20	20/20	20/20
Recommended minimum cable size, supply 1 / 2 ⁵⁾	mm ²	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 EN 12102 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. *EER and COP calculation is based in accordance to EN 14511. **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	
CZ-RTW1	Optional remote controller for 2 zone control. K and L Series
CZ-TAW1B	Optional Wi-Fi or WLAN adapter for smart control via Comfort Cloud App and/or remote maintenance via Aquarea Service Cloud

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



NEW! Aquarea T-CAP All in One 260 L K Series. Three phase. Super Quiet outdoor unit - R32

Comfort: Super Quiet outdoor unit (-7 dB(A)) / Constant capacity at 55 °C down to -15 °C / Operating range to -28 °C / 60 °C flow temperature at -10 °C.

Flexibility: 599 x 602 footprint / Built-in magnetic water filter.

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

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

Connectivity: Optional Wi-Fi and BMS integration.



Three phase [power to indoor]					
Kit		KIT-AQC09K9E83	KIT-AQC12K9E83	KIT-AQC16K9E83	
Heating capacity / COP (A +7 °C, W 35 °C)	kW / COP	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	16,00/2,72	
Heating capacity / COP (A +2 °C, W 35 °C)	kW / COP	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	16,00/2,07	
Heating capacity / COP (A -7 °C, W 35 °C)	kW / COP	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	16,00/1,71	
Cooling capacity / EER (A 35 °C, W 7 °C)	kW / EER	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	15,50/3,60	
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s , %)	4,44 / 3,20 (175 / 125)	4,44 / 3,34 (175 / 131)	4,46 / 3,31 (176 / 129)
	Energy class ¹⁾	A+++ to D	A+++ / A++	A+++ / A++	A+++ / A++
Heating warm climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s , %)	6,47 / 4,34 (256 / 171)	6,47 / 4,34 (256 / 171)	5,88 / 4,09 (232 / 160)
	Energy class ¹⁾	A+++ to D	A+++ / A+++	A+++ / A+++	A+++ / A+++
Heating cold climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s , %)	4,31 / 3,26 (169 / 127)	4,31 / 3,26 (169 / 127)	3,83 / 3,20 (150 / 125)
	Energy class ¹⁾	A+++ to D	A++ / A++	A++ / A++	A++ / A++
Indoor unit		WH-ADC0912K9E83	WH-ADC0912K9E83	WH-ADC16K9E83	
Sound pressure	Heat / Cool	dB(A)	33/33	33/33	33/33
Dimension	HxWxD	mm	2036x599x602	2036x599x602	2036x599x602
Net weight		kg	119	119	120
Water pipe connector		Inch	R 1¼	R 1¼	R 1¼
A class pump	Number of speeds		Variable speed	Variable speed	Variable speed
	Input power	W	145	145	145
Heating water flow [ΔT=5 K, 35 °C]		L/min	25,8	34,4	45,9
Water volume		L	260	260	260
Maximum DHW temperature		°C	65	65	65
Material inside tank			Stainless steel	Stainless steel	Stainless steel
Tapping profile according EN16147			XL	XL	XL
DHW tank ERP efficiency average / warm / cold ²⁾	A+ to F	A+ / A+ / A	A+ / A+ / A	A+ / A+ / A	
DHW tank ERP average climate η / COPdHW	η _{wh} % / COPdHW	123/3,08	123/3,08	98/2,45	
DHW tank ERP warm climate η / COPdHW	η _{wh} % / COPdHW	134/3,35	134/3,35	123/3,08	
DHW tank ERP cold climate η / COPdHW	η _{wh} % / COPdHW	94/2,35	94/2,35	80/2,00	
Outdoor unit		WH-UQZ09KE8	WH-UQZ12KE8	WH-UQZ16KE8	
Sound power ³⁾	Heat	dB(A)	58	58	62
Dimension / Net weight	HxWxD	mm / kg	1410x1284x322/131	1410x1284x322/131	1410x1284x322/145
Refrigerant (R32) / CO ₂ Eq.		kg / T	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)
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	10/30	10/30	10/30
Operating range - outdoor ambient	Heat	°C	-28 ~ +35	-28 ~ +35	-28 ~ +35
	Cool	°C	+10 ~ +43	+10 ~ +43	+10 ~ +43
Water outlet ⁴⁾	Heat / Cool	°C	20 ~ 60/5 ~ 20	20 ~ 60/5 ~ 20	20 ~ 60/5 ~ 20

Electrical information		WH-ADC0912K9E83	WH-ADC0912K9E83	WH-ADC16K9E83
Electric backup heater	kW	9,00	9,00	9,00
Recommended fuse ⁵⁾	A	20/20	20/20	20/20
Recommended minimum cable size, supply 1 / 2 ⁵⁾	mm ²	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 EN 12102 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. *EER and COP calculation is based in accordance to EN 14511. **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	
CZ-RTW1	Optional remote controller for 2 zone control. K and L Series
CZ-TAW1B	Optional Wi-Fi or WLAN adapter for smart control via Comfort Cloud App and/or remote maintenance via Aquarea Service Cloud

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



NEW

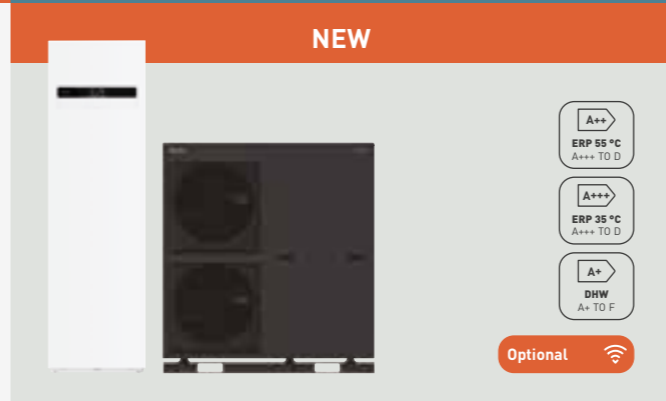
Comfort: Super Quiet outdoor unit (-7 dB(A)) / Constant capacity at 55 °C down to -15 °C / Operating range to -28 °C / 60 °C flow temperature at -10 °C.

Flexibility: Suitable for harsh-water installations / 599 x 602 footprint / Built-in magnetic water filter.

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

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

Connectivity: Optional Wi-Fi and BMS integration.



Three phase [power to indoor]					
Kit		KIT-AQC09K9E8AN3	KIT-AQC12K9E8AN3	KIT-AQC16K9E8AN3	
Heating capacity / COP (A +7 °C, W 35 °C)	kW / COP	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	16,00/2,72	
Heating capacity / COP (A +2 °C, W 35 °C)	kW / COP	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	16,00/2,07	
Heating capacity / COP (A -7 °C, W 35 °C)	kW / COP	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	16,00/1,71	
Cooling capacity / EER (A 35 °C, W 7 °C)	kW / EER	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	15,50/3,60	
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s , %)	4,44 / 3,20 (175 / 125)	4,44 / 3,34 (175 / 131)	4,46 / 3,31 (176 / 129)
	Energy class ¹⁾	A+++ to D	A+++ / A++	A+++ / A++	A+++ / A++
Heating warm climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s , %)	6,47 / 4,34 (256 / 171)	6,47 / 4,34 (256 / 171)	5,88 / 4,09 (232 / 160)
	Energy class ¹⁾	A+++ to D	A+++ / A+++	A+++ / A+++	A+++ / A+++
Heating cold climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s , %)	4,31 / 3,26 (169 / 127)	4,31 / 3,26 (169 / 127)	3,83 / 3,20 (150 / 125)
	Energy class ¹⁾	A+++ to D	A++ / A++	A++ / A++	A++ / A++
Indoor unit		WH-ADC0912K9E8AN3	WH-ADC0912K9E8AN3	WH-ADC16K9E8AN3	
Sound pressure	Heat / Cool	dB(A)	33/33	33/33	33/33
Dimension	HxWxD	mm	2036x599x602	2036x599x602	2036x599x602
Net weight		kg	119	119	120
Water pipe connector		Inch	R 1¼	R 1¼	R 1¼
A class pump	Number of speeds		Variable speed	Variable speed	Variable speed
	Input power	W	145	145	145
Heating water flow [ΔT=5 K, 35 °C]		L/min	25,8	34,4	45,9
Water volume		L	260	260	260
Maximum DHW temperature		°C	65	65	65
Material inside tank			Stainless steel	Stainless steel	Stainless steel
Tapping profile according EN16147			XL	XL	XL
DHW tank ERP efficiency average / warm / cold ²⁾	A+ to F	A+ / A+ / A	A+ / A+ / A	A+ / A+ / A	
DHW tank ERP average climate η / COPdHW	η _{wh} % / COPdHW	123/3,08	123/3,08	98/2,45	
DHW tank ERP warm climate η / COPdHW	η _{wh} % / COPdHW	134/3,35	134/3,35	123/3,08	
DHW tank ERP cold climate η / COPdHW	η _{wh} % / COPdHW	94/2,35	94/2,35	80/2,00	
Outdoor unit		WH-UQZ09KE8	WH-UQZ12KE8	WH-UQZ16KE8	
Sound power ³⁾	Heat	dB(A)	58	58	62
Dimension / Net weight	HxWxD	mm / kg	1410x1284x322/131	1410x1284x322/131	1410x1284x322/145
Refrigerant (R32) / CO ₂ Eq.		kg / T	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)
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	10/30	10/30	10/30
Operating range - outdoor ambient	Heat	°C	-28 ~ +35	-28 ~ +35	-28 ~ +35
	Cool	°C	+10 ~ +43	+10 ~ +43	+10 ~ +43
Water outlet ⁴⁾	Heat / Cool	°C	20 ~ 60/5 ~ 20	20 ~ 60/5 ~ 20	20 ~ 60/5 ~ 20

Electrical information		WH-ADC0912K9E8AN3	WH-ADC0912K9E8AN3	WH-ADC16K9E8AN3
Electric backup heater	kW	9,00	9,00	9,00
Recommended fuse ⁵⁾	A	20/20	20/20	20/20
Recommended minimum cable size, supply 1 / 2 ⁵⁾	mm ²	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 EN 12102 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. *EER and COP calculation is based in accordance to EN 14511. **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	
CZ-RTW1	Optional remote controller for 2 zone control. K and L Series
CZ-TAW1B	Optional Wi-Fi or WLAN adapter for smart control via Comfort Cloud App and/or remote maintenance via Aquarea Service Cloud

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



Aquarea T-CAP Bi-bloc K Series. Single phase / Three phase - R32

Comfort: Constant capacity at 55 °C down to -15 °C / Operating range to -28 °C / 60 °C flow temperature at -10 °C.

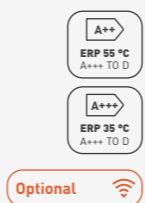
Flexibility: Built-in magnetic water filter.

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

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

Connectivity: Optional Wi-Fi and BMS integration.

Check all our certified heat pumps on: www.heatpumpkeymark.com



Optional Wi-Fi icon

		Single phase (power to indoor)			Three phase (power to indoor)		
		KIT-WXC09K3E5	—	KIT-WXC09K3E8	—	—	—
		KIT-WXC09K6E5	KIT-WXC12K6E5	—	—	—	—
		—	—	KIT-WXC09K9E8	KIT-WXC12K9E8	KIT-WXC16K9E8	—
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	15,50/3,60	
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency SCOP (η _s %)	4,96/3,57(195/140)	4,96/3,57(195/140)	4,96/3,57(195/140)	4,58/3,46(180/135)	4,46/3,31(176/129)	
	Energy class ¹⁾	A+++ to D	A+++/A++	A+++/A++	A+++/A++	A+++/A++	
Heating warm climate (W 35 °C / W 55 °C)	Seasonal energy efficiency SCOP (η _s %)	6,47/4,34(256/171)	6,47/4,34(256/171)	6,47/4,34(256/171)	6,47/4,34(256/171)	5,88/4,09(232/160)	
	Energy class ¹⁾	A+++ to D	A+++/A+++	A+++/A+++	A+++/A+++	A+++/A+++	
Heating cold climate (W 35 °C / W 55 °C)	Seasonal energy efficiency SCOP (η _s %)	4,31/3,26(169/127)	4,31/3,26(169/127)	4,31/3,26(169/127)	4,31/3,26(169/127)	3,83/3,20(150/125)	
	Energy class ¹⁾	A+++ to D	A++/A++	A++/A++	A++/A++	A++/A++	
Indoor unit 3 kW electric heater		WH-SXC09K3E5	—	WH-SXC09K3E8	—	—	
Indoor unit 6 kW electric heater		WH-SXC09K6E5	WH-SXC12K6E5	—	—	—	
Indoor unit 9 kW electric heater		—	—	WH-SXC09K9E8	WH-SXC12K9E8	WH-SXC16K9E8	
Sound pressure	Heat / Cool	33/33	33/33	33/33	33/33	33/33	
Dimension	H x W x D	892 x 500 x 348	892 x 500 x 348	892 x 500 x 348	892 x 500 x 348	892 x 500 x 348	
Net weight 3 kW / 6 kW / 9 kW		40/41/—	—/41/—	40/—/41	—/—/41	—/—/42	
Water pipe connector		1/2"	1/2"	1/2"	1/2"	1/2"	
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	
Outdoor unit		WH-UXZ09KE5	WH-UXZ12KE5	WH-UXZ09KE8	WH-UXZ12KE8	WH-UXZ16KE8	
Sound power ²⁾	Heat	65	65	65	65	65	
Dimension	H x W x D	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		88	88	90	90	103	
Refrigerant (R32) / CO ₂ 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	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 ³⁾	Heat / Cool	20-60/5-20	20-60/5-20	20-60/5-20	20-60/5-20	20-60/5-20	

Electrical information	Heater	3 kW	6 kW	6 kW	3 kW	9 kW	9 kW	9 kW
Electric backup heater	kW	3,00	6,00	6,00	3,00	9,00	9,00	9,00
Recommended fuse ⁴⁾	A	30/15 or 16	30/30	30/30	20/15 or 16	20/20	20/20	20/20
Recommended minimum cable size, supply 1 / 2 ⁴⁾	mm ²	3x4,0/3x1,5	3x4,0/3x4,0	3x4,0/3x4,0	5x1,5/3x1,5	5x1,5/5x1,5	5x1,5/5x1,5	5x2,5/5x1,5

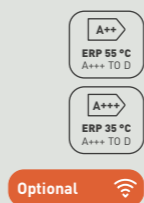
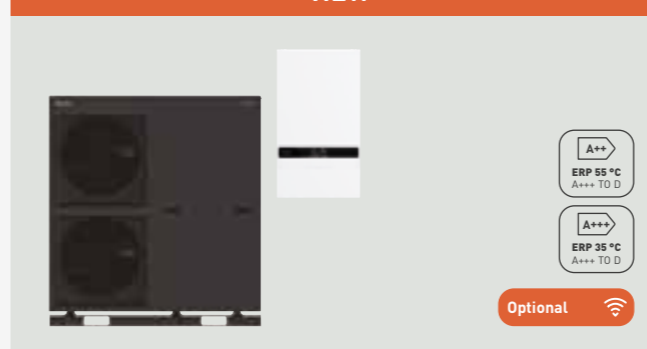
1) Scale from A+++ to D. 2) Sound power level in accordance to EN 12102 under conditions of the EN14825. 3) Between outdoor ambient -10 °C and -15 °C, the water outlet temperature gradually decreases from 60 °C to 55 °C. 4) Check local regulations. *EER and COP calculation is based in accordance to EN 14511. **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	
CZ-RTW1	Optional remote controller for 2 zone control. K and L Series
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-3WYVVLV-HW	3 way valve for DHW tanks
CZ-NV2	3 way valve kit to fit inside the hydrokit. K and L Series

Accessories	
PAW-BTANK50L-2	Buffer tank 50 L
CZ-TAW1B	Optional Wi-Fi or WLAN adapter for smart control via Comfort Cloud App and/or remote maintenance via Aquarea Service Cloud
CZ-TAW1-CBL	10 m extension cable for CZ-TAW1B
CZ-NS5P	PCB for advanced functions
PAW-A2W-RTWIRED	Room thermostat
PAW-A2W-RTWIRELESS	Wireless LCD room thermostat



NEW



Optional Wi-Fi icon

NEW! Aquarea T-CAP Bi-bloc K Series. Three phase. Super Quiet outdoor unit - R32

Comfort: Super Quiet outdoor unit [-7 dB(A)] / Constant capacity at 55 °C down to -15 °C / Operating range to -28 °C / 60 °C flow temperature at -10 °C.

Flexibility: Built-in magnetic water filter.

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

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

Connectivity: Optional Wi-Fi and BMS integration.

		Three phase (power to indoor)		
		KIT-WQC09K3E8	—	—
		KIT-WQC09K9E8	KIT-WQC12K9E8	KIT-WQC16K9E8
Heating capacity / COP (A +7 °C, W 35 °C)	kW / COP	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	16,00/2,72
Heating capacity / COP (A +2 °C, W 35 °C)	kW / COP	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	16,00/2,07
Heating capacity / COP (A -7 °C, W 35 °C)	kW / COP	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	16,00/1,71
Cooling capacity / EER (A 35 °C, W 7 °C)	kW / EER	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	15,50/3,60
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency SCOP (η _s %)	4,44 / 3,20 (175 / 125)	4,44 / 3,34 (175 / 131)	4,46 / 3,31 (176 / 129)
	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 %)	6,47/4,34(256/171)	6,47/4,34(256/171)	5,88/4,09(232/160)
	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 %)	4,31/3,26(169/127)	4,31/3,26(169/127)	3,83/3,20(150/125)
	Energy class ¹⁾	A+++ to D	A++/A++	A++/A++
Indoor unit 3 kW electric heater		WH-SXC09K3E8	—	—
Indoor unit 9 kW electric heater		WH-SXC09K9E8	WH-SXC12K9E8	WH-SXC16K9E8
Sound pressure	Heat / Cool	33/33	33/33	33/33
Dimension	H x W x D	892 x 500 x 348	892 x 500 x 348	892 x 500 x 348
Net weight 3 kW / 9 kW		40/41	—/41	—/42
Water pipe connector		1/2"	1/2"	1/2"
A class pump	Number of speeds	Variable speed	Variable speed	Variable speed
	Input power	W	145	173
Heating water flow (ΔT=5 K, 35 °C)	L/min	25,8	34,4	45,9
Outdoor unit		WH-UQZ09KE8	WH-UQZ12KE8	WH-UQZ16KE8
Sound power ²⁾	Heat	58	58	62
Dimension	H x W x D	1410 x 1284 x 322	1410 x 1284 x 322	1410 x 1284 x 322
Net weight		131	131	145
Refrigerant (R32) / CO ₂ Eq.	kg / T	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)
Pipe length range / Elevation difference (in / out)	m	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
Operating range - outdoor ambient	Heat	-28~+35	-28~+35	-28~+35
	Cool	+10~+43	+10~+43	+10~+43
Water outlet ³⁾	Heat / Cool	20-60/5-20	20-60/5-20	20-60/5-20

Electrical information	Heater	3 kW	9 kW	12 kW	16 kW
Electric backup heater	kW	3,00	9,00	9,00	9,00
Recommended fuse ⁴⁾	A	20/15 or 16	20/20	20/20	20/20
Recommended minimum cable size, supply 1 / 2 ⁴⁾	mm ²	5x1,5/3x1,5	5x1,5/5x1,5	5x1,5/5x1,5	5x2,5/5x1,5

1) Scale from A+++ to D. 2) Sound power level in accordance to EN 12102 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. *EER and COP calculation is based in accordance to EN 14511. **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	
CZ-RTW1	Optional remote controller for 2 zone control. K and L Series
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-3WYVVLV-HW	3 way valve for DHW tanks
CZ-NV2	3 way valve kit to fit inside the hydrokit. K and L Series

Accessories	
PAW-BTANK50L-2	Buffer tank 50 L
CZ-TAW1B	Optional Wi-Fi or WLAN adapter for smart control via Comfort Cloud App and/or remote maintenance via Aquarea Service Cloud
CZ-TAW1-CBL	10 m extension cable for CZ-TAW1B
CZ-NS5P	PCB for advanced functions
PAW-A2W-RTWIRED	Room thermostat
PAW-A2W-RTWIRELESS	Wireless LCD room thermostat



Aquarea High Performance All in One 185 L K Series. Single phase - R32

Energy efficiency: A+++ heating at 35 °C / A+ DHW / COP up to 5,33 / DHW COP up to 3,50 / "A"-rated variable-speed pump / Stainless steel DHW tank with U-Vacua™.

Flexibility: 599 x 602 footprint / Built-in magnetic water filter.

Comfort: Operation without backup heater down to -25 °C / 60 °C flow temperature at -10 °C.

Control: Optimised user interface and improved features [2 zone control, bivalent control].

Connectivity: Optional Wi-Fi and BMS integration.

Check all our certified heat pumps on:
www.heatpumpkeymark.com



Optional

		Single phase [power to indoor]							
		KIT-ADC03K3E5	KIT-ADC05K3E5	KIT-ADC07K3E5	KIT-ADC09K3E5	—	—		
		KIT-ADC03K6E5	KIT-ADC05K6E5	KIT-ADC07K6E5	KIT-ADC09K6E5	KIT-ADC12K6E5	KIT-ADC16K6E5		
Heating capacity / COP [A +7 °C, W 35 °C]	kW / COP	3,20/5,33	5,00/5,10	7,00/4,86	9,00/4,55	12,10/4,78	16,00/4,31		
Heating capacity / COP [A +7 °C, W 55 °C]	kW / COP	3,20/2,81	5,00/3,03	7,00/2,92	8,90/2,93	12,00/2,96	14,70/2,72		
Heating capacity / COP [A +2 °C, W 35 °C]	kW / COP	3,20/3,64	5,00/3,57	6,85/3,43	7,00/3,40	11,50/3,44	13,00/3,18		
Heating capacity / COP [A +2 °C, W 55 °C]	kW / COP	3,20/2,19	5,00/2,29	6,25/2,23	6,30/2,18	9,20/2,25	10,00/2,24		
Heating capacity / COP [A -7 °C, W 35 °C]	kW / COP	3,30/2,80	5,00/2,79	5,75/2,95	6,25/2,84	10,10/2,74	11,70/2,61		
Heating capacity / COP [A -7 °C, W 55 °C]	kW / COP	3,20/1,79	5,00/1,89	5,35/1,98	5,90/1,93	8,40/1,97	9,10/1,85		
Cooling capacity / EER [A 35 °C, W 7 °C]	kW / EER	3,20/3,52	5,00/3,05	6,70/3,03	8,20/2,72	10,70/2,68	12,20/2,68		
Cooling capacity / EER [A 35 °C, W 18 °C]	kW / EER	3,20/4,71	5,00/4,90	6,70/4,72	9,00/4,18	10,70/3,92	13,00/3,80		
Heating average climate [W 35 °C / W 55 °C]	Seasonal energy efficiency SCOP [η _s %]	5,07/3,47(200/136)	5,12/3,63(202/142)	4,90/3,62(193/142)	4,44/3,41(175/133)	4,58/3,33(180/130)	4,46/3,40(176/133)		
	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 %]	6,20/4,20(245/165)	6,00/4,20(237/165)	5,75/4,07(227/160)	5,75/4,07(227/160)	6,47/4,34(256/171)	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 %]	4,00/2,83(157/110)	4,08/2,95(160/115)	4,18/2,98(164/116)	4,18/2,98(164/116)	4,31/3,26(169/127)	4,28/3,10(168/121)		
	Energy class ¹⁾	A+++ to D	A++/A+	A++/A+	A++/A+	A++/A++	A++/A+		
Indoor unit 3 kW electric heater		WH-ADC0309K3E5	WH-ADC0309K3E5	WH-ADC0309K3E5	WH-ADC0309K3E5	—	—		
Indoor unit 6 kW electric heater		WH-ADC0309K6E5	WH-ADC0309K6E5	WH-ADC0309K6E5	WH-ADC0309K6E5	WH-ADC0912K6E5	WH-ADC16K6E5		
Sound pressure	Heat / Cool	dB(A)	28/28	28/28	28/28	28/28	33/33		
Dimension	HxWxD	mm	1642x599x602	1642x599x602	1642x599x602	1642x599x602	1642x599x602		
Net weight 3 kW / 6 kW		kg	100/101	100/101	100/101	100/101	—/101		
Water pipe connector		Inch	R1½	R1½	R1½	R1½	R1½		
A class pump	Number of speeds		Variable speed	Variable speed	Variable speed	Variable speed	Variable speed		
	Input power	W	145	145	145	145	145		
Heating water flow [ΔT=5 K, 35 °C]		L/min	9,2	14,3	20,1	25,8	34,4		
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 ²⁾		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		ηwh%/COPdHW	128/3,20	140/3,50	140/3,50	140/3,50	100/2,50		
DHW tank ERP warm climate η / COPdHW		ηwh%/COPdHW	154/3,86	160/4,00	160/4,00	160/4,00	116/2,90		
DHW tank ERP cold climate η / COPdHW		ηwh%/COPdHW	99/2,48	112/2,80	112/2,80	112/2,80	80/2,00		
Outdoor unit			WH-UDZ03KE5	WH-UDZ05KE5	WH-UDZ07KE5	WH-UDZ09KE5	WH-UDZ12KE5		
Sound power ³⁾	Heat	dB(A)	55	55	56	56	65		
Dimension / Net weight	HxWxD	mm / kg	622x824x298/37	795x875x380/55	795x875x380/55	795x875x380/55	1340x900x320/88		
Refrigerant [R32] / CO ₂ Eq.		kg / T	0,9/0,608	1,3/0,878	1,3/0,878	1,3/0,878	1,6/1,080		
Piping diameter	Liquid / Gas	Inch (mm)	1/4(6,35)/1/2(12,70)	1/4(6,35)/5/8(15,88)	1/4(6,35)/5/8(15,88)	1/4(6,35)/5/8(15,88)	1/4(6,35)/1/2(12,70)		
Pipe length range / Elevation difference (in / out)		m / m	3-25/20	3-40(3-50) ⁴⁾ /30	3-40(3-50) ⁴⁾ /30	3-40(3-50) ⁴⁾ /30	3-30(3-50) ⁵⁾ /20(30) ⁶⁾		
Pre-charged pipe length / Additional gas amount		m / g/m	10/20	10/25	10/25	10/25	10/30		
Operating range - outdoor	Heat	°C	-20 ~ +35	-25 ~ +35	-25 ~ +35	-25 ~ +35	-25 ~ +35		
ambient	Cool	°C	+10 ~ +43	+10 ~ +43	+10 ~ +43	+10 ~ +43	+10 ~ +43		
Water outlet ⁴⁾	Heat / Cool	°C	20-60/5-20	20-60/5-20	20-60/5-20	20-60/5-20	20-60/5-20		
Electrical information	Heater	3 kW	6 kW	3 kW	6 kW	3 kW	6 kW	6 kW	6 kW
Electric backup heater	kW	3,00	6,00	3,00	6,00	3,00	6,00	6,00	6,00
Recommended fuse ⁷⁾	A	16/16	16/30	16/16	16/30	25/16	25/30	25/16	25/30
Recommended minimum cable size, supply 1 / 2 ⁷⁾	mm ²	3x1,5/3x1,5	3x1,5/3x4,0	3x1,5/3x1,5	3x1,5/3x4,0	3x2,5/3x1,5	3x2,5/3x4,0	3x2,5/3x4,0	3x4,0/3x4,0

1) Scale from A+++ to D. 2) Scale from A+ to F. 3) Sound power level in accordance to EN 12102 under conditions of the EN14825. 4) Operation range down to -25 °C in heating with 3-40 m pipe length range, operation range down to -15 °C in heating with 3-50 m pipe length range. 5) Ambient temperature down to -10 °C. Below -10 °C, permitted piping length and elevation difference is 3-30 m, 20 m. 6) Between outdoor ambient -10 °C and -15 °C, the water outlet temperature gradually decreases from 60 °C to 55 °C. 7) Check local regulations. *EER and COP calculation is based in accordance to EN 14511. **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	
CZ-RTW1	Optional remote controller for 2 zone control. K and L Series
CZ-TAW1B	Optional Wi-Fi or WLAN adapter for smart control via Comfort Cloud App and/or remote maintenance via Aquarea Service Cloud

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



Aquarea High Performance All in One 185 L K Series. Single phase with Electrical Anode - R32

Energy efficiency: A+++ heating at 35 °C / A+ DHW / COP up to 5,33 / DHW COP up to 3,50 / "A"-rated variable-speed pump / Stainless steel DHW tank with U-Vacua™.

Flexibility: Suitable for harsh-water installations / 599 x 602 footprint / Built-in magnetic water filter.

Comfort: Operation without backup heater down to -25 °C / 60 °C flow temperature at -10 °C.

Control: Optimised user interface and improved features [2 zone control, bivalent control].

Connectivity: Optional Wi-Fi and BMS integration.

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www.heatpumpkeymark.com



Optional

		Single phase [power to indoor]							
		KIT-ADC03K3E5AN	KIT-ADC05K3E5AN	KIT-ADC07K3E5AN	KIT-ADC09K3E5AN	—	—	—	—
		KIT-ADC03K6E5AN	KIT-ADC05K6E5AN	KIT-ADC07K6E5AN	KIT-ADC09K6E5AN	KIT-ADC12K6E5AN	KIT-ADC16K6E5AN	—	—
Heating capacity / COP [A +7 °C, W 35 °C]	kW / COP	3,20/5,33	5,00/5,10	7,00/4,86	9,00/4,55	12,10/4,78	16,00/4,31		
Heating capacity / COP [A +7 °C, W 55 °C]	kW / COP	3,20/2,81	5,00/3,03	7,00/2,92	8,90/2,93	12,00/2,96	14,70/2,72		
Heating capacity / COP [A +2 °C, W 35 °C]	kW / COP	3,20/3,64	5,00/3,57	6,85/3,43	7,00/3,40	11,50/3,44	13,00/3,18		
Heating capacity / COP [A +2 °C, W 55 °C]	kW / COP	3,20/2,19	5,00/2,29	6,25/2,23	6,30/2,18	9,20/2,25	10,00/2,24		
Heating capacity / COP [A -7 °C, W 35 °C]	kW / COP	3,30/2,80	5,00/2,79	5,75/2,95	6,25/2,84	10,10/2,74	11,70/2,61		
Heating capacity / COP [A -7 °C, W 55 °C]	kW / COP	3,20/1,79	5,00/1,89	5,35/1,98	5,90/1,93	8,40/1,97	9,10/1,85		
Cooling capacity / EER [A 35 °C, W 7 °C]	kW / EER	3,20/3,52	5,00/3,05	6,70/3,03	8,20/2,72	10,70/2,68	12,20/2,68		
Cooling capacity / EER [A 35 °C, W 18 °C]	kW / EER	3,20/4,71	5,00/4,90	6,70/4,72	9,00/4,18	10,70/3,92	13,00/3,80		
Heating average climate [W 35 °C / W 55 °C]	Seasonal energy efficiency SCOP [η _s %]	5,07/3,47(200/136)	5,12/3,63(202/142)	4,90/3,62(193/142)	4,44/3,41(175/133)	4,58/3,33(180/130)	4,46/3,40(176/133)		
	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 %]	6,20/4,20(245/165)	6,00/4,20(237/165)	5,75/4,07(227/160)	5,75/4,07(227/160)	6,47/4,34(256/171)	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 %]	4,00/2,83(157/110)	4,08/2,95(160/115)	4,18/2,98(164/116)	4,18/2,98(164/116)	4,31/3,26(169/127)	4,28/3,10(168/121)		
	Energy class ¹⁾	A+++ to D	A++/A+	A++/A+	A++/A+	A++/A++	A++/A+		
Indoor unit 3 kW electric heater		WH-ADC0309K3E5AN	WH-ADC0309K3E5AN	WH-ADC0309K3E5AN	WH-ADC0309K3E5AN	—	—		
Indoor unit 6 kW electric heater		WH-ADC0309K6E5AN	WH-ADC0309K6E5AN	WH-ADC0309K6E5AN	WH-ADC0309K6E5AN	WH-ADC0912K6E5AN	WH-ADC16K6E5AN		
Sound pressure	Heat / Cool	dB(A)	28/28	28/28	28/28	28/28	33/33		
Dimension	HxWxD	mm	1642x599x602	1642x599x602	1642x599x602	1642x599x602	1642x599x602		
Net weight 3 kW / 6 kW		kg	100/101	100/101	100/101	100/101	—/101		
Water pipe connector		Inch	R1½	R1½	R1½	R1½	R1½		
A class pump	Number of speeds		Variable speed	Variable speed	Variable speed	Variable speed	Variable speed		
	Input power	W	145	145	145	145	145		
Heating water flow [ΔT=5 K, 35 °C]		L/min	9,2	14,3	20,1	25,8	34,4		
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 ²⁾		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		ηwh%/COPdHW	128/3,20	140/3,50	140/3,50	140/3,50	100/2,50		
DHW tank ERP warm climate η / COPdHW		ηwh%/COPdHW	154/3,86	160/4,00	160/4,00	160/4,00	116/2,90		
DHW tank ERP cold climate η / COPdHW		ηwh%/COPdHW	99/2,48	112/2,80	112/2,80	112/2,80	80/2,00		
Outdoor unit			WH-UDZ03KE5AN	WH-UDZ05KE5AN	WH-UDZ07KE5AN	WH-UDZ09KE5AN	WH-UDZ12KE5AN	WH-UDZ16KE5AN	
Sound power ³⁾	Heat	dB(A)	55	55	56	56	65		
Dimension / Net weight	HxWxD	mm / kg	622x824x298/37	795x875x380/55	795x875x380/55	795x875x380/55	1340x900x320/88		
Refrigerant [R32] / CO ₂ Eq.		kg / T	0,9/0,608	1,3/0,878	1,3/0,878	1,3/0,878	1,6/1,080		
Piping diameter	Liquid / Gas	Inch (mm)	1/4						

Aquarea High Performance All in One 260 L K Series. Single phase with Electrical Anode - R32

Energy efficiency: A+++ heating at 35 °C / A+ DHW / "A"-rated variable-speed pump / Stainless steel DHW tank with U-Vacua™.

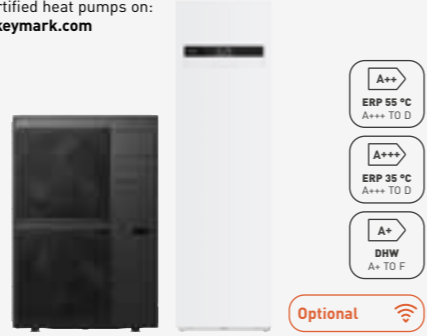
Flexibility: Suitable for harsh-water installations (AN version) / 599 x 602 footprint / Built-in magnetic water filter.

Comfort: Operation without backup heater down to -25 °C / 60 °C flow temperature at -10 °C.

Control: Optimised user interface and improved features [2 zone control, bivalent control].

Connectivity: Optional Wi-Fi and BMS integration.

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www.heatpumpkeymark.com



Optional

		Single phase (power to indoor)			
Kit		KIT-ADC12K6E53	KIT-ADC16K6E53	KIT-ADC12K6E5AN3	KIT-ADC16K6E5AN3
Heating capacity / COP [A +7 °C, W 35 °C]	kW / COP	12,10/4,78	16,00/4,31	12,10/4,78	16,00/4,31
Heating capacity / COP [A +7 °C, W 55 °C]	kW / COP	12,00/2,96	14,70/2,72	12,00/2,96	14,70/2,72
Heating capacity / COP [A +2 °C, W 35 °C]	kW / COP	11,50/3,44	13,00/3,18	11,50/3,44	13,00/3,18
Heating capacity / COP [A +2 °C, W 55 °C]	kW / COP	9,20/2,25	10,00/2,24	9,20/2,25	10,00/2,24
Heating capacity / COP [A -7 °C, W 35 °C]	kW / COP	10,10/2,74	11,70/2,61	10,10/2,74	11,70/2,61
Heating capacity / COP [A -7 °C, W 55 °C]	kW / COP	8,40/1,97	9,10/1,85	8,40/1,97	9,10/1,85
Cooling capacity / EER [A 35 °C, W 7 °C]	kW / EER	10,70/2,68	12,20/2,68	10,70/2,68	12,20/2,68
Cooling capacity / EER [A 35 °C, W 18 °C]	kW / EER	10,70/3,92	13,00/3,80	10,70/3,92	13,00/3,80
Heating average climate [W 35 °C / W 55 °C]	Seasonal energy efficiency SCOP [$\eta_{s, \text{heating}}$ %]	4,58/3,33 [180/130]	4,46/3,40 [176/133]	4,58/3,33 [180/130]	4,46/3,40 [176/133]
	Energy class ¹⁾	A+++ to D	A+++ / A++	A+++ / A++	A+++ / A++
Heating warm climate [W 35 °C / W 55 °C]	Seasonal energy efficiency SCOP [$\eta_{s, \text{heating}}$ %]	6,47/4,34 [256/171]	6,20/4,30 [245/169]	6,47/4,34 [256/171]	6,20/4,30 [245/169]
	Energy class ¹⁾	A+++ to D	A+++ / A+++	A+++ / A+++	A+++ / A+++
Heating cold climate [W 35 °C / W 55 °C]	Seasonal energy efficiency SCOP [$\eta_{s, \text{heating}}$ %]	4,31/3,26 [169/127]	4,28/3,10 [168/121]	4,31/3,26 [169/127]	4,28/3,10 [168/121]
	Energy class ¹⁾	A+++ to D	A++ / A+	A++ / A+	A++ / A+
Indoor unit		WH-ADC0912K6E53	WH-ADC16K6E53	WH-ADC0912K6E5AN3	WH-ADC16K6E5AN3
Sound pressure	Heat / Cool	dB(A)		dB(A)	
		33/33		33/33	
Dimension	HxWxD	mm		mm	
		2036x599x602		2036x599x602	
Net weight		kg		kg	
		119		120	
Water pipe connector		Inch		Inch	
		R 1 1/4		R 1 1/4	
A class pump	Number of speeds	Variable speed		Variable speed	
	Input power	W		W	
		145		145	
Heating water flow [$\Delta T=5$ K, 35 °C]		L/min		L/min	
		34,4		45,8	
Water volume		L		L	
		260		260	
Maximum DHW temperature		°C		°C	
		65		65	
Material inside tank		Stainless steel		Stainless steel	
Tapping profile according EN16147		L		L	
DHW tank ERP efficiency average / warm / cold ²⁾	A+ to F	A+ / A/A		A+ / A/A	
DHW tank ERP average climate η / COPdHW	$\eta_{\text{wh}} / \text{COPdHW}$	100/2,50		100/2,50	
DHW tank ERP warm climate η / COPdHW	$\eta_{\text{wh}} / \text{COPdHW}$	116/2,90		116/2,90	
DHW tank ERP cold climate η / COPdHW	$\eta_{\text{wh}} / \text{COPdHW}$	80/2,00		80/2,00	
Outdoor unit		WH-UDZ12KE5	WH-UDZ16KE5	WH-UDZ12KE5	WH-UDZ16KE5
Sound power ³⁾	Heat	dB(A)		dB(A)	
		65		65	
Dimension / Net weight	HxWxD	mm / kg		mm / kg	
		1340x900x320/88		1340x900x320/88	
Refrigerant [R32] / CO ₂ Eq.		kg / T		kg / T	
		1,6/1,080		1,6/1,080	
Piping diameter	Liquid / Gas	Inch (mm)		Inch (mm)	
		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 / m	
		3-30 [3-50] ⁴⁾ / 20 [30] ⁴⁾		3-30 [3-50] ⁴⁾ / 20 [30] ⁴⁾	
Pre-charged pipe length / Additional gas amount		m / g/m		m / g/m	
		10/30		10/30	
Operating range - outdoor ambient	Heat	°C		°C	
		-25 ~ +35		-25 ~ +35	
	Cool	°C		°C	
		+10 ~ +43		+10 ~ +43	
Water outlet	Heat / Cool	°C		°C	
		20 ~ 60/5 ~ 20		20 ~ 60/5 ~ 20	

	WH-ADC0912K6E53	WH-ADC16K6E53	WH-ADC0912K6E5AN3	WH-ADC16K6E5AN3
Electric backup heater	kW			
	6,00			
Recommended fuse ⁵⁾	A			
	30/30			
Recommended minimum cable size, supply 1 / 2 ⁵⁾	mm ²			
	3x4,0/3x4,0			

1) Scale from A+++ to D. 2) Scale from A+ to F. 3) Sound power in accordance to 811/2013, 813/2013 and EN 12102-1:2017 at +7 °C. 4) Operation range down to -25 °C in heating with 3-40 m pipe length range, operation range down to -15 °C in heating with 3-50 m pipe length range. 5) Check local regulations. *EER and COP calculation is based in accordance to EN 14511. **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

CZ-RTW1	Optional remote controller for 2 zone control. K and L Series
CZ-TAW1B	Optional Wi-Fi or WLAN adapter for smart control via Comfort Cloud App and/or remote maintenance via Aquarea Service Cloud

Accessories

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



Aquarea High Performance All in One 185 L K Series. Single phase 2 zones - R32

Energy efficiency: A+++ heating at 35 °C / A+ DHW / COP up to 5.33 / DHW COP up to 3.50 / "A"-rated variable-speed pump / Stainless steel DHW tank with U-Vacua™.

Flexibility: Built-in 2-zone kit / 599 x 602 footprint / Built-in magnetic water filter.

Comfort: Operation without backup heater down to -25 °C / 60 °C flow temperature at -10 °C.

Control: Optimised user interface and improved features [2 zone control, bivalent control].

Connectivity: Optional Wi-Fi and BMS integration.

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Optional

		Single phase (power to indoor)			
Kit		KIT-ADC03K3E5B	KIT-ADC05K3E5B	KIT-ADC07K3E5B	KIT-ADC09K3E5B
Heating capacity / COP [A +7 °C, W 35 °C]	kW / COP	3,20/5,33	5,00/5,10	7,00/4,86	9,00/4,55
Heating capacity / COP [A +7 °C, W 55 °C]	kW / COP	3,20/2,81	5,00/3,03	7,00/2,92	8,90/2,93
Heating capacity / COP [A +2 °C, W 35 °C]	kW / COP	3,20/3,64	5,00/3,57	6,85/3,43	7,00/3,40
Heating capacity / COP [A +2 °C, W 55 °C]	kW / COP	3,20/2,19	5,00/2,29	6,25/2,23	6,30/2,18
Heating capacity / COP [A -7 °C, W 35 °C]	kW / COP	3,30/2,80	5,00/2,79	5,75/2,95	6,25/2,84
Heating capacity / COP [A -7 °C, W 55 °C]	kW / COP	3,20/1,79	5,00/1,89	5,35/1,98	5,90/1,93
Cooling capacity / EER [A 35 °C, W 7 °C]	kW / EER	3,20/3,52	5,00/3,05	6,70/3,03	8,20/2,72
Cooling capacity / EER [A 35 °C, W 18 °C]	kW / EER	3,20/4,71	5,00/4,90	6,70/4,72	9,00/4,18
Heating average climate [W 35 °C / W 55 °C]	Seasonal energy efficiency SCOP [$\eta_{s, \text{heating}}$ %]	5,07/3,47 [200/136]	5,12/3,63 [202/142]	4,90/3,62 [193/142]	4,44/3,41 [175/133]
	Energy class ¹⁾	A+++ to D	A+++ / A++	A+++ / A++	A+++ / A++
Heating warm climate [W 35 °C / W 55 °C]	Seasonal energy efficiency SCOP [$\eta_{s, \text{heating}}$ %]	6,20/4,20 [245/165]	6,00/4,20 [237/165]	5,75/4,07 [227/160]	5,75/4,07 [227/160]
	Energy class ¹⁾	A+++ to D	A+++ / A+++	A+++ / A+++	A+++ / A+++
Heating cold climate [W 35 °C / W 55 °C]	Seasonal energy efficiency SCOP [$\eta_{s, \text{heating}}$ %]	4,00/2,83 [157/110]	4,08/2,95 [160/115]	4,18/2,98 [164/116]	4,18/2,98 [164/116]
	Energy class ¹⁾	A+++ to D	A++ / A+	A++ / A+	A++ / A+
Indoor unit		WH-ADC0309K3E5B	WH-ADC0509K3E5B	WH-ADC0709K3E5B	WH-ADC0909K3E5B
Sound pressure	Heat / Cool	dB(A)		dB(A)	
		28/28		28/28	
Dimension	HxWxD	mm		mm	
		1642x599x602		1642x599x602	
Net weight		kg		kg	
		109		109	
Water pipe connector		Inch		Inch	
		R 1 1/4		R 1 1/4	
A class pump	Number of speeds	Variable speed		Variable speed	
	Input power [Min/Max]	W		W	
		30/120		30/120	
Heating water flow [$\Delta T=5$ K, 35 °C]		L/min		L/min	
		9,2		20,1	
Water volume		L		L	
		185		185	
Maximum DHW temperature		°C		°C	
		65		65	
Material inside tank		Stainless steel		Stainless steel	
Tapping profile according EN16147		L		L	
DHW tank ERP efficiency average / warm / cold ²⁾	A+ to F	A+ / A++ / A		A+ / A++ / A	
DHW tank ERP average climate η / COPdHW	$\eta_{\text{wh}} / \text{COPdHW}$	128/3,20		140/3,50	
DHW tank ERP warm climate η / COPdHW	$\eta_{\text{wh}} / \text{COPdHW}$	154/3,86		160/4,00	
DHW tank ERP cold climate η / COPdHW	$\eta_{\text{wh}} / \text{COPdHW}$	99/2,48		112/2,80	
Outdoor unit		WH-UDZ03KE5	WH-UDZ05KE5	WH-UDZ07KE5	WH-UDZ09KE5
Sound power ³⁾	Heat	dB(A)		dB(A)	
		55		56	
Dimension / Net weight	HxWxD	mm / kg		mm / kg	
		622x824x298/37		795x875x380/55	
Refrigerant [R32] / CO ₂ Eq.		kg / T		kg / T	
		0,9/0,608		1,3/0,878	
Piping diameter	Liquid / Gas	Inch (mm)		Inch (mm)	
		1/4 (6,35) / 1/2 (12,70)		1/4 (6,35) / 5/8 (15,88)	
Pipe length range / Elevation difference (in / out)		m / m		m / m	
		3-25/20		3-40 [3-50] ⁴⁾ / 30	
Pre-charged pipe length / Additional gas amount		m / g/m		m / g/m	
		10/20		10/25	
Operating range - outdoor ambient	Heat	°C		°C	
		-20 ~ +35		-25 ~ +35	
	Cool	°C		°C	
		+10 ~ +43		+10 ~ +43	
Water outlet	Heat / Cool	°C		°C	
		20 ~ 60/5 ~ 20		20 ~ 60/5 ~ 20	

	WH-ADC0309K3E5B	WH-ADC0509K3E5B	WH-ADC0709K3E5B	WH-ADC0909K3E5B
Electric backup heater	kW			
	3,00			
Recommended fuse ⁵⁾	A			
	16/16			
Recommended minimum cable size, supply 1 / 2 ⁵⁾	mm ²			
	3x1,5/3x1,5			

1) Scale from A+++ to D. 2) Scale from A+ to F. 3) Sound power in accordance to 811/2013, 813/2013 and EN 12102-1:2017 at +7 °C. 4) Operation range down to -25 °C in heating with 3-40 m pipe length range, operation range down to -15 °C in heating with 3-50 m pipe length range. 5) Check local regulations. *EER and COP calculation is based in accordance to EN 14511. **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

CZ-RTW1	Optional remote controller for 2 zone control. K and L Series
CZ-TAW1B	Optional Wi-Fi or WLAN adapter for smart control via Comfort Cloud App and/or remote maintenance via Aquarea Service Cloud

Accessories

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



Aquarea High Performance All in One 185 L K Series. Three phase - R32

Energy efficiency: A+++ heating at 35 °C / A DHW / "A"-rated variable-speed pump / Stainless steel DHW tank with U-Vacua™.
Flexibility: 599 x 602 footprint / Built-in magnetic water filter.
Comfort: Operation without backup heater down to -25 °C / 60 °C flow temperature at -10 °C.
Control: Optimised user interface and improved features (2 zone control, bivalent control).
Connectivity: Optional Wi-Fi and BMS integration.

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www.heatpumpkeymark.com



Three phase [power to indoor]

Kit			KIT-ADC09K9E8	KIT-ADC12K9E8	KIT-ADC16K9E8
Heating capacity / COP (A +7 °C, W 35 °C)	kW / COP		9,00/4,90	12,10/4,78	16,00/4,31
Heating capacity / COP (A +7 °C, W 55 °C)	kW / COP		9,00/2,97	12,00/2,96	14,70/2,72
Heating capacity / COP (A +2 °C, W 35 °C)	kW / COP		9,00/3,63	11,50/3,44	13,20/3,28
Heating capacity / COP (A +2 °C, W 55 °C)	kW / COP		9,00/2,26	9,20/2,25	10,00/2,21
Heating capacity / COP (A -7 °C, W 35 °C)	kW / COP		9,00/2,88	10,10/2,74	11,60/2,57
Heating capacity / COP (A -7 °C, W 55 °C)	kW / COP		8,10/2,07	8,40/1,97	9,10/1,85
Cooling capacity / EER (A 35 °C, W 7 °C)	kW / EER		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	15,50/3,60
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	4,96/3,57(195/140)	4,58/3,33(180/130)	4,46/3,40(176/133)
	Energy class ¹⁾	A+++ to D	A+++ / A++	A+++ / A++	A+++ / A++
Heating warm climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	6,47/4,34(256/171)	6,47/4,34(256/171)	6,20/4,30(245/169)
	Energy class ¹⁾	A+++ to D	A+++ / A+++	A+++ / A+++	A+++ / A+++
Heating cold climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	4,31/3,26(169/127)	4,31/3,26(169/127)	4,28/3,10(168/121)
	Energy class ¹⁾	A+++ to D	A++ / A+	A++ / A+	A++ / A+
Indoor unit			WH-ADC0912K9E8	WH-ADC0912K9E8	WH-ADC16K9E8
Sound pressure	Heat / Cool	dB(A)	33/33	33/33	33/33
Dimension	HxWxD	mm	1642x599x602	1642x599x602	1642x599x602
Net weight		kg	102	102	103
Water pipe connector		Inch	R 1 1/4	R 1 1/4	R 1 1/4
A class pump	Number of speeds		Variable speed	Variable speed	Variable speed
	Input power	W	145	145	145
Heating water flow [ΔT=5 K, 35 °C]		L/min	25,8	34,4	45,9
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 ²⁾	A+ to F	A/A+/A	A/A+/A	A/A+/A	A/A+/A
DHW tank ERP average climate η / COPdHW	η _{wh} % / COPdHW	100/2,50	100/2,50	96/2,40	96/2,40
DHW tank ERP warm climate η / COPdHW	η _{wh} % / COPdHW	116/2,90	116/2,90	115/2,88	115/2,88
DHW tank ERP cold climate η / COPdHW	η _{wh} % / COPdHW	80/2,00	80/2,00	76/1,90	76/1,90
Outdoor unit			WH-UDZ09KE8	WH-UDZ12KE8	WH-UDZ16KE8
Sound power ³⁾	Heat	dB(A)	65	65	65
Dimension / Net weight	HxWxD	mm / kg	1340x900x320/90	1340x900x320/90	1340x900x320/103
Refrigerant (R32) / CO ₂ Eq.		kg / T	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)
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	10/30	10/30	10/30
Operating range - outdoor ambient	Heat	°C	-25 ~ +35	-25 ~ +35	-25 ~ +35
	Cool	°C	+10 ~ +43	+10 ~ +43	+10 ~ +43
Water outlet ⁴⁾	Heat / Cool	°C	20-60/5-20	20-60/5-20	20-60/5-20

Electrical information		WH-ADC0912K9E8	WH-ADC0912K9E8	WH-ADC16K9E8
Electric backup heater	kW	9,00	9,00	9,00
Recommended fuse ⁵⁾	A	20/20	20/20	20/20
Recommended minimum cable size, supply 1 / 2 ⁵⁾	mm ²	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 EN 12102 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. *EER and COP calculation is based in accordance to EN 14511. **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	
CZ-RTW1	Optional remote controller for 2 zone control. K and L Series
CZ-TAW1B	Optional Wi-Fi or WLAN adapter for smart control via Comfort Cloud App and/or remote maintenance via Aquarea Service Cloud



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Aquarea High Performance All in One 185 L K Series. Three phase with Electrical Anode - R32

Energy efficiency: A+++ heating at 35 °C / A DHW / "A"-rated variable-speed pump / Stainless steel DHW tank with U-Vacua™.
Flexibility: Suitable for harsh-water installations / 599 x 602 footprint / Built-in magnetic water filter.
Comfort: Operation without backup heater down to -25 °C / 60 °C flow temperature at -10 °C.
Control: Optimised user interface and improved features (2 zone control, bivalent control).
Connectivity: Optional Wi-Fi and BMS integration.

Three phase [power to indoor]

Kit			KIT-ADC09K9E8AN	KIT-ADC12K9E8AN	KIT-ADC16K9E8AN
Heating capacity / COP (A +7 °C, W 35 °C)	kW / COP		9,00/4,90	12,10/4,78	16,00/4,31
Heating capacity / COP (A +7 °C, W 55 °C)	kW / COP		9,00/2,97	12,00/2,96	14,70/2,72
Heating capacity / COP (A +2 °C, W 35 °C)	kW / COP		9,00/3,63	11,50/3,44	13,20/3,28
Heating capacity / COP (A +2 °C, W 55 °C)	kW / COP		9,00/2,26	9,20/2,25	10,00/2,21
Heating capacity / COP (A -7 °C, W 35 °C)	kW / COP		9,00/2,88	10,10/2,74	11,60/2,57
Heating capacity / COP (A -7 °C, W 55 °C)	kW / COP		8,10/2,07	8,40/1,97	9,10/1,85
Cooling capacity / EER (A 35 °C, W 7 °C)	kW / EER		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	15,50/3,60
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	4,96/3,57(195/140)	4,58/3,33(180/130)	4,46/3,40(176/133)
	Energy class ¹⁾	A+++ to D	A+++ / A++	A+++ / A++	A+++ / A++
Heating warm climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	6,47/4,34(256/171)	6,47/4,34(256/171)	6,20/4,30(245/169)
	Energy class ¹⁾	A+++ to D	A+++ / A+++	A+++ / A+++	A+++ / A+++
Heating cold climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	4,31/3,26(169/127)	4,31/3,26(169/127)	4,28/3,10(168/121)
	Energy class ¹⁾	A+++ to D	A++ / A+	A++ / A+	A++ / A+
Indoor unit			WH-ADC0912K9E8AN	WH-ADC0912K9E8AN	WH-ADC16K9E8AN
Sound pressure	Heat / Cool	dB(A)	33/33	33/33	33/33
Dimension	HxWxD	mm	1642x599x602	1642x599x602	1642x599x602
Net weight		kg	102	102	103
Water pipe connector		Inch	R 1 1/4	R 1 1/4	R 1 1/4
A class pump	Number of speeds		Variable speed	Variable speed	Variable speed
	Input power	W	145	145	145
Heating water flow [ΔT=5 K, 35 °C]		L/min	25,8	34,4	45,9
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 ²⁾	A+ to F	A/A+/A	A/A+/A	A/A+/A	A/A+/A
DHW tank ERP average climate η / COPdHW	η _{wh} % / COPdHW	100/2,50	100/2,50	96/2,40	96/2,40
DHW tank ERP warm climate η / COPdHW	η _{wh} % / COPdHW	116/2,90	116/2,90	115/2,88	115/2,88
DHW tank ERP cold climate η / COPdHW	η _{wh} % / COPdHW	80/2,00	80/2,00	76/1,90	76/1,90
Outdoor unit			WH-UDZ09KE8AN	WH-UDZ12KE8AN	WH-UDZ16KE8AN
Sound power ³⁾	Heat	dB(A)	65	65	65
Dimension / Net weight	HxWxD	mm / kg	1340x900x320/90	1340x900x320/90	1340x900x320/103
Refrigerant (R32) / CO ₂ Eq.		kg / T	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)
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	10/30	10/30	10/30
Operating range - outdoor ambient	Heat	°C	-25 ~ +35	-25 ~ +35	-25 ~ +35
	Cool	°C	+10 ~ +43	+10 ~ +43	+10 ~ +43
Water outlet ⁴⁾	Heat / Cool	°C	20-60/5-20	20-60/5-20	20-60/5-20

Electrical information		WH-ADC0912K9E8AN3	WH-ADC0912K9E8AN3	WH-ADC16K9E8AN3
Electric backup heater	kW	9,00	9,00	9,00
Recommended fuse ⁵⁾	A	20/20	20/20	20/20
Recommended minimum cable size, supply 1 / 2 ⁵⁾	mm ²	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 EN 12102 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. *EER and COP calculation is based in accordance to EN 14511. **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	
CZ-RTW1	Optional remote controller for 2 zone control. K and L Series
CZ-TAW1B	Optional Wi-Fi or WLAN adapter for smart control via Comfort Cloud App and/or remote maintenance via Aquarea Service Cloud



Aquarea High Performance All in One 260 L K Series. Three phase - R32

Energy efficiency: A+++ heating at 35 °C / A+ DHW / "A"-rated variable-speed pump / Stainless steel DHW tank with U-Vacua™.

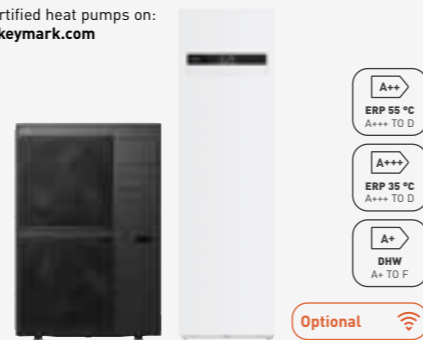
Flexibility: 599 x 602 footprint / Built-in magnetic water filter.

Comfort: Operation without backup heater down to -25 °C / 60 °C flow temperature at -10 °C.

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

Connectivity: Optional Wi-Fi and BMS integration.

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Three phase [power to indoor]

Kit			KIT-ADC09K9E83	KIT-ADC12K9E83	KIT-ADC16K9E83
Heating capacity / COP (A +7 °C, W 35 °C)	kW / COP		9,00/4,90	12,10/4,78	16,00/4,31
Heating capacity / COP (A +7 °C, W 55 °C)	kW / COP		9,00/2,97	12,00/2,96	14,70/2,72
Heating capacity / COP (A +2 °C, W 35 °C)	kW / COP		9,00/3,63	11,50/3,44	13,20/3,28
Heating capacity / COP (A +2 °C, W 55 °C)	kW / COP		9,00/2,26	9,20/2,25	10,00/2,21
Heating capacity / COP (A -7 °C, W 35 °C)	kW / COP		9,00/2,88	10,10/2,74	11,60/2,57
Heating capacity / COP (A -7 °C, W 55 °C)	kW / COP		8,10/2,07	8,40/1,97	9,10/1,85
Cooling capacity / EER (A 35 °C, W 7 °C)	kW / EER		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	15,50/3,60
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	4,96/3,57(195/140)	4,58/3,33(180/130)	4,46/3,40(176/133)
	Energy class ¹⁾	A+++ to D	A+++ / A++	A+++ / A++	A+++ / A++
Heating warm climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	6,47/4,34(256/171)	6,47/4,34(256/171)	6,20/4,30(245/169)
	Energy class ¹⁾	A+++ to D	A+++ / A+++	A+++ / A+++	A+++ / A+++
Heating cold climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	4,31/3,26(169/127)	4,31/3,26(169/127)	4,28/3,10(168/121)
	Energy class ¹⁾	A+++ to D	A++ / A+	A++ / A+	A++ / A+
Indoor unit			WH-ADC0912K9E83	WH-ADC12K9E83	WH-ADC16K9E83
Sound pressure	Heat / Cool	dB(A)	33/33	33/33	33/33
Dimension	HxWxD	mm	2036x599x602	2036x599x602	2036x599x602
Net weight		kg	119	119	120
Water pipe connector		Inch	R 1¼	R 1¼	R 1¼
A class pump	Number of speeds		Variable speed	Variable speed	Variable speed
	Input power	W	145	145	145
Heating water flow [ΔT=5 K, 35 °C]		L/min	25,8	34,4	46,0
Water volume		L	260	260	260
Maximum DHW temperature		°C	65	65	65
Material inside tank			Stainless steel	Stainless steel	Stainless steel
Tapping profile according EN16147			XL	XL	XL
DHW tank ERP efficiency average / warm / cold ²⁾	A+ to F	A+ / A+ / A	A+ / A+ / A	A+ / A+ / A	A+ / A+ / A
DHW tank ERP average climate η / COPdHW		η _{wh} % / COPdHW	123/3,08	123/3,08	98/2,45
DHW tank ERP warm climate η / COPdHW		η _{wh} % / COPdHW	134/3,35	134/3,35	123/3,08
DHW tank ERP cold climate η / COPdHW		η _{wh} % / COPdHW	94/2,35	94/2,35	80/2,00
Outdoor unit			WH-UDZ09KE8	WH-UDZ12KE8	WH-UDZ16KE8
Sound power ³⁾	Heat	dB(A)	65	65	65
Dimension / Net weight	HxWxD	mm / kg	1340x900x320/90	1340x900x320/90	1340x900x320/103
Refrigerant (R32) / CO ₂ Eq.		kg / T	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)
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	10/30	10/30	10/30
Operating range - outdoor ambient	Heat	°C	-25 ~ +35	-25 ~ +35	-25 ~ +35
	Cool	°C	+10 ~ +43	+10 ~ +43	+10 ~ +43
Water outlet	Heat / Cool	°C	20-60/5-20	20-60/5-20	20-60/5-20

Electrical information		WH-ADC0912K9E83	WH-ADC12K9E83	WH-ADC16K9E83
Electric backup heater	kW	9,00	9,00	9,00
Recommended fuse ⁵⁾	A	20/20	20/20	20/20
Recommended minimum cable size, supply 1 / 2 ⁵⁾	mm ²	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 in accordance to 811/2013, 813/2013 and EN 12102-1:2017 at +7 °C. 4) Operation range down to -25 °C in heating with 3-40 m pipe length range, operation range down to -15 °C in heating with 3-50 m pipe length range. 5) Check local regulations. *EER and COP calculation is based in accordance to EN 14511. **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	
CZ-RTW1	Optional remote controller for 2 zone control. K and L Series
CZ-TAW1B	Optional Wi-Fi or WLAN adapter for smart control via Comfort Cloud App and/or remote maintenance via Aquarea Service Cloud

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



Aquarea High Performance All in One 260 L K Series. Three phase with Electrical Anode - R32

Energy efficiency: A+++ heating at 35 °C / A+ DHW / "A"-rated variable-speed pump / Stainless steel DHW tank with U-Vacua™.

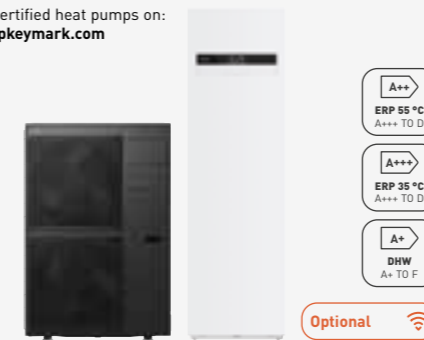
Flexibility: Suitable for harsh-water installations / 599 x 602 footprint / Built-in magnetic water filter.

Comfort: Operation without backup heater down to -25 °C / 60 °C flow temperature at -10 °C.

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

Connectivity: Optional Wi-Fi and BMS integration.

Check all our certified heat pumps on:
www.heatpumpkeymark.com



Three phase [power to indoor]

Kit			KIT-ADC09K9E8AN3	KIT-ADC12K9E8AN3	KIT-ADC16K9E8AN3
Heating capacity / COP (A +7 °C, W 35 °C)	kW / COP		9,00/4,90	12,10/4,78	16,00/4,31
Heating capacity / COP (A +7 °C, W 55 °C)	kW / COP		9,00/2,97	12,00/2,96	14,70/2,72
Heating capacity / COP (A +2 °C, W 35 °C)	kW / COP		9,00/3,63	11,50/3,44	13,20/3,28
Heating capacity / COP (A +2 °C, W 55 °C)	kW / COP		9,00/2,26	9,20/2,25	10,00/2,21
Heating capacity / COP (A -7 °C, W 35 °C)	kW / COP		9,00/2,88	10,10/2,74	11,60/2,57
Heating capacity / COP (A -7 °C, W 55 °C)	kW / COP		8,10/2,07	8,40/1,97	9,10/1,85
Cooling capacity / EER (A 35 °C, W 7 °C)	kW / EER		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	15,50/3,60
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	4,96/3,57(195/140)	4,58/3,33(180/130)	4,46/3,40(176/133)
	Energy class ¹⁾	A+++ to D	A+++ / A++	A+++ / A++	A+++ / A++
Heating warm climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	6,47/4,34(256/171)	6,47/4,34(256/171)	6,20/4,30(245/169)
	Energy class ¹⁾	A+++ to D	A+++ / A+++	A+++ / A+++	A+++ / A+++
Heating cold climate (W 35 °C / W 55 °C)	Seasonal energy efficiency	SCOP (η _s %)	4,31/3,26(169/127)	4,31/3,26(169/127)	4,28/3,10(168/121)
	Energy class ¹⁾	A+++ to D	A++ / A+	A++ / A+	A++ / A+
Indoor unit			WH-ADC0912K9E8AN3	WH-ADC12K9E8AN3	WH-ADC16K9E8AN3
Sound pressure	Heat / Cool	dB(A)	33/33	33/33	33/33
Dimension	HxWxD	mm	2036x599x602	2036x599x602	2036x599x602
Net weight		kg	119	119	120
Water pipe connector		Inch	R 1¼	R 1¼	R 1¼
A class pump	Number of speeds		Variable speed	Variable speed	Variable speed
	Input power	W	145	145	145
Heating water flow [ΔT=5 K, 35 °C]		L/min	25,8	34,4	45,9
Water volume		L	260	260	260
Maximum DHW temperature		°C	65	65	65
Material inside tank			Stainless steel	Stainless steel	Stainless steel
Tapping profile according EN16147			XL	XL	XL
DHW tank ERP efficiency average / warm / cold ²⁾	A+ to F	A+ / A+ / A	A+ / A+ / A	A+ / A+ / A	A+ / A+ / A
DHW tank ERP average climate η / COPdHW		η _{wh} % / COPdHW	123/3,08	123/3,08	98/2,45
DHW tank ERP warm climate η / COPdHW		η _{wh} % / COPdHW	134/3,35	134/3,35	123/3,08
DHW tank ERP cold climate η / COPdHW		η _{wh} % / COPdHW	94/2,35	94/2,35	80/2,00
Outdoor unit			WH-UDZ09KE8	WH-UDZ12KE8	WH-UDZ16KE8
Sound power ³⁾	Heat	dB(A)	65	65	65
Dimension / Net weight	HxWxD	mm / kg	1340x900x320/90	1340x900x320/90	1340x900x320/103
Refrigerant (R32) / CO ₂ Eq.		kg / T	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)
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	10/30	10/30	10/30
Operating range - outdoor ambient	Heat	°C	-25 ~ +35	-25 ~ +35	-25 ~ +35
	Cool	°C	+10 ~ +43	+10 ~ +43	+10 ~ +43
Water outlet	Heat / Cool	°C	20-60/5-20	20-60/5-20	20-60/5-20

Electrical information		WH-ADC0912K9E8AN3	WH-ADC12K9E8AN3	WH-ADC16K9E8AN3
Electric backup heater	kW	9,00	9,00	9,00
Recommended fuse ⁵⁾	A	20/20	20/20	20/20
Recommended minimum cable size, supply 1 / 2 ⁵⁾	mm ²	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 in accordance to 811/2013, 813/2013 and EN 12102-1:2017 at +7 °C. 4) Operation range down to -25 °C in heating with 3-40 m pipe length range, operation range down to -15 °C in heating with 3-50 m pipe length range. 5) Check local regulations. *EER and COP calculation is based in accordance to EN 14511. **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	
CZ-RTW1	Optional remote controller for 2 zone control. K and L Series
CZ-TAW1B	Optional Wi-Fi or WLAN adapter for smart control via Comfort Cloud App and/or remote maintenance via Aquarea Service Cloud

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



Aquarea High Performance Bi-bloc K Series. Single phase - SDC · R32

Energy efficiency: A+++ heating at 35 °C / COP up to 5,33 / "A"-rated variable-speed pump.

Flexibility: Built-in magnetic water filter.

Comfort: Operation without backup heater down to -25 °C / 60 °C flow temperature at -10 °C.

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

Connectivity: Optional Wi-Fi and BMS integration.

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		Single phase (power to indoor)						
		KIT-WC03K3E5	KIT-WC05K3E5	KIT-WC07K3E5	KIT-WC09K3E5	—	—	—
		KIT-WC03K6E5	KIT-WC05K6E5	KIT-WC07K6E5	KIT-WC09K6E5	KIT-WC12K6E5	KIT-WC16K6E5	—
Heating capacity / COP [A +7 °C, W 35 °C]	kW / COP	3,20/5,33	5,00/5,10	7,00/4,86	9,00/4,55	12,10/4,78	16,00/4,31	—
Heating capacity / COP [A +7 °C, W 55 °C]	kW / COP	3,20/2,81	5,00/3,03	7,00/2,92	8,90/2,93	12,00/2,96	14,70/2,72	—
Heating capacity / COP [A +2 °C, W 35 °C]	kW / COP	3,20/3,64	5,00/3,57	6,85/3,43	7,00/3,40	11,50/3,44	13,00/3,18	—
Heating capacity / COP [A +2 °C, W 55 °C]	kW / COP	3,20/2,19	5,00/2,29	6,25/2,23	6,30/2,18	9,20/2,25	10,00/2,24	—
Heating capacity / COP [A -7 °C, W 35 °C]	kW / COP	3,30/2,80	5,00/2,79	5,75/2,95	6,25/2,84	10,10/2,74	11,70/2,61	—
Heating capacity / COP [A -7 °C, W 55 °C]	kW / COP	3,20/1,79	5,00/1,89	5,35/1,98	5,90/1,93	8,40/1,97	9,10/1,85	—
Cooling capacity / EER [A 35 °C, W 7 °C]	kW / EER	3,20/3,52	5,00/3,05	6,70/3,03	8,20/2,72	10,70/2,68	12,20/2,68	—
Cooling capacity / EER [A 35 °C, W 18 °C]	kW / EER	3,20/4,71	5,00/4,90	6,70/4,72	9,00/4,18	10,70/3,92	13,00/3,80	—
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency SCOP (η _s %)	5,07/3,47(200/136)	5,12/3,63(202/142)	4,90/3,62(193/142)	4,44/3,41(175/133)	4,58/3,33(180/130)	4,46/3,40(176/133)	—
	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 %)	6,20/4,20(245/165)	6,00/4,20(237/165)	5,75/4,07(227/160)	5,75/4,07(227/160)	6,47/4,34(256/171)	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 %)	4,00/2,83(157/110)	4,08/2,95(160/115)	4,18/2,98(164/116)	4,18/2,98(164/116)	4,31/3,26(169/127)	4,28/3,10(168/121)	—
	Energy class ¹⁾	A+++ to D	A++ / A+	A++ / A+	A++ / A+	A++ / A+	A++ / A+	—
Indoor unit 3 kW electric heater	WH-	SDC0309K3E5	SDC0309K3E5	SDC0309K3E5	SDC0309K3E5	—	—	—
Indoor unit 6 kW electric heater	WH-	SDC0309K6E5	SDC0309K6E5	SDC0309K6E5	SDC0309K6E5	SDC12K6E5	SDC16K6E5	—
Sound pressure	Heat / Cool	dB(A)		28/28	28/28	30/30	30/31	33/33
Dimension	H x W x D	mm		892 x 500 x 348	892 x 500 x 348	892 x 500 x 348	892 x 500 x 348	892 x 500 x 348
Net weight 3 kW / 6 kW		kg		40/41	40/41	40/41	41	41
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	Variable speed
	Input power	W		145	145	145	145	145
Heating water flow (ΔT=5 K, 35 °C)		L/min		9,2	14,3	20,1	25,8	34,4
Outdoor unit		WH-UDZ03KE5	WH-UDZ05KE5	WH-UDZ07KE5	WH-UDZ09KE5	WH-UDZ12KE5	WH-UDZ16KE5	—
Sound power ²⁾	Heat	dB(A)		55	55	56	56	65
Dimension	H x W x D	mm		622 x 824 x 298	795 x 875 x 380	795 x 875 x 380	795 x 875 x 380	1340 x 900 x 320
Net weight		kg		37	55	55	55	88
Refrigerant [R32] / CO ₂ Eq.		kg / T		0,9/0,608	1,3/0,878	1,3/0,878	1,3/0,878	1,6/1,080
Piping diameter	Liquid / Gas	Inch (mm)		1/4(6,35)/1/2(12,70)	1/4(6,35)/5/8(15,88)	1/4(6,35)/5/8(15,88)	1/4(6,35)/5/8(15,88)	1/4(6,35)/1/2(12,70)
Pipe length range		m		3-25	3-40(3-50) ³⁾	3-40(3-50) ³⁾	3-40(3-50) ³⁾	3-30
Elevation difference (in / out)		m		20	30	30	30	20
Pre-charged pipe length		m		10	10	10	10	10
Additional gas amount		g/m		20	25	25	25	30
Operating range - outdoor ambient	Heat	°C		-20 ~ +35	-25 ~ +35	-25 ~ +35	-25 ~ +35	-25 ~ +35
	Cool	°C		+10 ~ +43	+10 ~ +43	+10 ~ +43	+10 ~ +43	+10 ~ +43
Water outlet ⁴⁾	Heat / Cool	°C		20 ~ 60/5 ~ 20	20 ~ 60/5 ~ 20	20 ~ 60/5 ~ 20	20 ~ 60/5 ~ 20	20 ~ 60/5 ~ 20

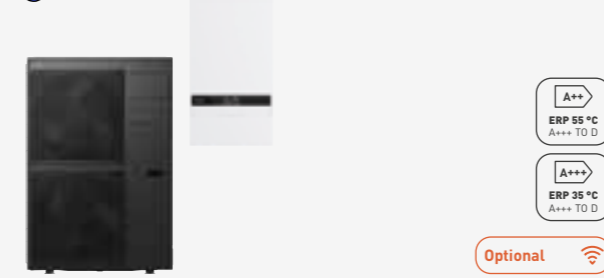
Electrical information	Heater	3 kW	6 kW	3 kW	6 kW	3 kW	6 kW	3 kW	6 kW	6 kW	6 kW
Electric backup heater	kW	3,00	6,00	3,00	6,00	3,00	6,00	3,00	6,00	6,00	6,00
Recommended fuse ⁵⁾	A	16/16	16/30	16/16	16/30	25/16	25/30	25/16	25/30	30/30	30/30
Recommended minimum cable size, supply 1 / 2 ⁵⁾	mm ²	3x1,5/ 3x1,5	3x1,5/ 3x4,0	3x1,5/ 3x1,5	3x1,5/ 3x4,0	3x2,5/ 3x1,5	3x2,5/ 3x4,0	3x2,5/ 3x1,5	3x2,5/ 3x4,0	3x4,0/3x4,0	3x4,0/3x4,0

1) Scale from A+++ to D. 2) Sound power level in accordance to EN 12102 under conditions of the EN14825. 3) Operation range down to -25 °C in heating with 3-40 m pipe length range, operation range down to -15 °C in heating with 3-50 m pipe length range. 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. *EER and COP calculation is based in accordance to EN 14511. **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	
CZ-RTW1	Optional remote controller for 2 zone control. K and L Series
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-3WYVVLV-HW	3 way valve for DHW tanks
CZ-NV2	3 way valve kit to fit inside the hydrokit. K and L Series



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		Three phase (power to indoor)			
		KIT-WC09K3E8	—	—	—
		KIT-WC09K9E8	KIT-WC12K9E8	KIT-WC16K9E8	—
Heating capacity / COP [A +7 °C, W 35 °C]	kW / COP	9,00/4,90	12,10/4,78	16,00/4,31	—
Heating capacity / COP [A +7 °C, W 55 °C]	kW / COP	9,00/2,97	12,00/2,96	14,70/2,72	—
Heating capacity / COP [A +2 °C, W 35 °C]	kW / COP	9,00/3,63	11,50/3,44	13,20/3,28	—
Heating capacity / COP [A +2 °C, W 55 °C]	kW / COP	9,00/2,26	9,20/2,25	10,00/2,21	—
Heating capacity / COP [A -7 °C, W 35 °C]	kW / COP	9,00/2,88	10,10/2,74	11,60/2,57	—
Heating capacity / COP [A -7 °C, W 55 °C]	kW / COP	8,10/2,07	8,40/1,97	9,10/1,85	—
Cooling capacity / EER [A 35 °C, W 7 °C]	kW / EER	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	15,50/3,60	—
Heating average climate (W 35 °C / W 55 °C)	Seasonal energy efficiency SCOP (η _s %)	4,96/3,57(195/140)	4,58/3,33(180/130)	4,46/3,40(176/133)	—
	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 %)	6,47/4,34(256/171)	6,47/4,34(256/171)	6,20/4,30(245/169)	—
	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 %)	4,31/3,26(169/127)	4,31/3,26(169/127)	4,28/3,10(168/121)	—
	Energy class ¹⁾	A+++ to D	A++ / A+	A++ / A+	—
Indoor unit 3 kW electric heater	WH-SDC09K3E8	—	—	—	—
Indoor unit 9 kW electric heater	WH-SDC09K9E8	WH-SDC12K9E8	WH-SDC16K9E8	—	—
Sound pressure	Heat / Cool	dB(A)		33/33	33/33
Dimension	H x W x D	mm		892 x 500 x 348	892 x 500 x 348
Net weight 3 kW / 9 kW		kg		40/41	—/41
Water pipe connector		Inch		R 1 1/4	R 1 1/4
A class pump	Number of speeds	Variable speed		Variable speed	Variable speed
	Input power	W		145	145
Heating water flow (ΔT=5 K, 35 °C)		L/min		25,8	34,4
Outdoor unit		WH-UDZ09KE8	WH-UDZ12KE8	WH-UDZ16KE8	—
Sound power ²⁾	Heat	dB(A)		65	65
Dimension	H x W x D	mm		1340 x 900 x 320	1340 x 900 x 320
Net weight		kg		90	103
Refrigerant [R32] / CO ₂ Eq.		kg / T		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)
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		30	30
Operating range - outdoor ambient	Heat	°C		-25 ~ +35	-25 ~ +35
	Cool	°C		+10 ~ +43	+10 ~ +43
Water outlet ³⁾	Heat / Cool	°C		20 ~ 60/5 ~ 20	20 ~ 60/5 ~ 20

Electrical information	3 kW heater	9 kW heater	9 kW heater	9 kW heater
Electric backup heater	kW	3,00	9,00	9,00
Recommended fuse ⁴⁾	A	20/15/16	20/20	20/20
Recommended minimum cable size, supply 1 / 2 ⁴⁾	mm ²	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 EN 12102 under conditions of the EN14825. 3) Operation range down to -25 °C in heating with 3-40 m pipe length range, operation range down to -15 °C in heating with 3-50 m pipe length range. 4) Check local regulations. *EER and COP calculation is based in accordance to EN 14511. **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	
CZ-RTW1	Optional remote controller for 2 zone control. K and L Series
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-3WYVVLV-HW	3 way valve for DHW tanks
CZ-NV2	3 way valve kit to fit inside the hydrokit. K and L Series



Aquarea High Performance Bi-bloc K Series. Three phase - SDC · R32

Energy efficiency: A+++ heating at 35 °C / "A"-rated variable-speed pump.

Flexibility: Built-in magnetic water filter.

Comfort: Operation without backup heater down to -25 °C / 60 °C flow temperature at -10 °C.

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

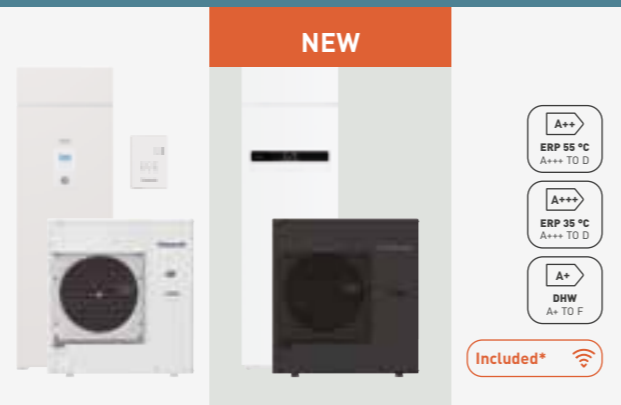
Connectivity: Optional Wi-Fi and BMS integration.



Aquarea EcoFlex. Single phase - R32

Energy efficiency: Heat recovery during cooling provides free DHW.
Flexibility: Small foot print outdoor unit / Up to 3 air to air indoor units plus an air to water unit with integrated DHW tank.
Comfort: Continuous heating down to -25 °C¹⁾ / nanoe™ X technology to improve protection 24/7.
Connectivity: Wi-Fi adapter included for smart control via Comfort Cloud App²⁾.

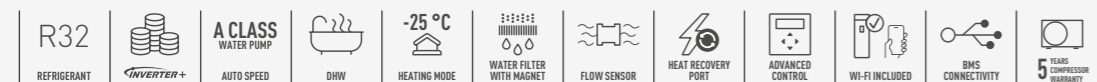
1) For CU-4WZ90CBE5, CU-2WZ71YBE5 operates down to -15 °C. 2) Except low static pressure hide-away indoor units.



Aquarea EcoFlex	Indoor units		Outdoor units	
	DHW tank	Electrical anode	CU-2WZ71YBE5	CU-4WZ90CBE5
Air to water indoor units			1 unit	1 unit
Aquarea EcoFlex air to water indoor unit	185 L	—	WH-ADF0309J3E5CM	✓
	185 L	—	WH-ADF0309K3E5M	—
	185 L	✓	WH-ADF0309K3E5ANM	✓
Air to air indoor units			1 unit	Up to 3 units
Aquarea EcoFlex hide-away	—	—	S-71WF3E	✓
	—	—	CS-MZ20CD3EA	—
	—	—	CS-Z25CD3EAW	—
Low static pressure hide-away	—	—	CS-Z35CD3EAW	—
	—	—	CS-Z50CD3EAW	—
	—	—	CS-Z60CD3EAW	—
Etherea wall-mounted (graphite grey / silver / matt white)	—	—	— / — / CS-MZ16CKE	—
	—	—	CS-XZ20CKEW-H / CS-XZ20CKEW / CS-Z20CKEW	—
	—	—	CS-XZ25CKEW-H / CS-XZ25CKEW / CS-Z25CKEW	—
	—	—	CS-XZ35CKEW-H / CS-XZ35CKEW / CS-Z35CKEW	—
	—	—	CS-XZ42CKEW-H / — / CS-Z42CKEW	—
	—	—	— / CS-XZ50CKEW / CS-Z50CKEW	—

Outdoor unit		CU-2WZ71YBE5	CU-4WZ90CBE5	CU-4WZ90CBE5
Connected air to air indoor units		1 (S-71WF3E)	1 (S-71WF3E)	2 ~ 3
Indoor nominal capacity (Min - Max)		-- 7,10 kW		3,20 ~ 11,00 kW
Cooling capacity	Nominal (Min - Max)	kW 7,10(1,20 - 8,10)	7,10(1,60 - 9,00)	9,00(1,60 - 10,20)
EER ¹⁾	Nominal (Min - Max)	W/W 3,40(2,55 - 2,47)	3,40(3,40 - 2,57)	3,83(4,00 - 3,00)
SEER²⁾		5,60 A+	5,60 A+	7,00 A++
Pdesign (cooling)		kW 7,10	7,10	9,00
Input power	Nominal (Min - Max)	kW 2,09(0,47 - 3,28)	2,09(0,47 - 3,50)	2,35(0,40 - 3,40)
Annual energy consumption ³⁾		kWh/a 444	444	450
Heating capacity	Nominal (Min - Max)	kW 7,10(2,00 - 10,20)	7,10(2,00 - 10,20)	9,50(2,00 - 12,00)
Heating capacity at -7 °C		kW		
COP ¹⁾	Nominal (Min - Max)	W/W 3,90(4,65 - 3,00)	3,90(4,65 - 3,00)	4,30(5,56 - 3,64)
SCOP²⁾		3,90 A	3,90 A	4,60 A++
Pdesign at -10 °C		kW 4,80	5,80	6,50
Input power	Nominal (Min - Max)	kW 1,82(0,43 - 3,40)	1,82(0,43 - 3,40)	2,21(0,36 - 3,30)
Annual energy consumption ³⁾		kWh/a 1723	2082	1978
Current	Cool / Heat	A 10,1/8,7	10,1/8,7	11,2/10,6
Power supply		V 230	230	230
Recommended fuse		A		
Recommended power cable section		mm ²		
Sound pressure ⁴⁾	Cool / Heat (air to air)	dB(A)	49/49	53/55
Sound power ⁴⁾	Cool / Heat (air to air)	dB(A)	68/67	69/70
Dimension / Net weight	H x W x D	mm / kg	999 x 940 x 340 / 82	999 x 940 x 340 / 83
Piping diameter	Liquid / Gas	Inch (mm)	1/4(6,35) / 1/2(12,70)	1/4(6,35) / 3/8(9,52)
Maximum total piping length		m	70	80
Pipe length range to one unit		m	3 ~ 35	3 ~ 25
Elevation difference (in / out)		m	30	20
Pre-charged pipe length / Additional gas amount		m / g/m	30/20	30/25
Refrigerant (R32) / CO ₂ Eq.		kg / T	2,40 / 1,62	2,58 / 1,74
Operating range - outdoor ambient	Heat (air to air)	°C	-15 ~ +24	-15 ~ +24
	Cool (air to air)	°C	-10 ~ +46	-10 ~ +46
	Heat (air to water)	°C	-15 ~ +35	-15 ~ +35
	Heat recovery (floor / DHW)	°C	+10 ~ +35 / +10 ~ +46	+10 ~ +35 / +10 ~ +46

1) EER and COP calculation is based in accordance to EN 14511. 2) SEER and SCOP data measurement is measured according to EN 14825. Scale from A+++ to D. 3) The annual energy consumption is calculated in accordance to EU/626/2011. 4) The sound pressure and power is measured under cooling mode (outdoor 35 °C DB, indoor 27 °C/19 °C) and heating mode (outdoor 7 °C/6 °C, indoor 20 °C DB). Sound pressure is measured with distance 1,0 m from the unit and height at 1,5 m.



HEATING MODE: For CU-4WZ90CBE5. WI-FI INCLUDED: For EcoFlex hide-away and Etherea wall-mounted units.

Indoor unit	Compatible outdoor unit		WH-ADF0309J3E5CM	WH-ADF0309K3E5M	WH-ADF0309K3E5ANM
			CU-2WZ71YBE5	CU-4WZ90CBE5	CU-4WZ90CBE5
Heating capacity / COP ¹⁾ [A +7 °C, W 35 °C]		kW / COP	8,00/4,21	8,00/4,21	8,00/4,21
Heating capacity / COP ¹⁾ [A +7 °C, W 55 °C]		kW / COP	8,00/2,81	8,00/2,81	8,00/2,81
Heating capacity / COP ¹⁾ [A +2 °C, W 35 °C]		kW / COP	6,70/3,25	6,70/3,25	6,70/3,25
Heating capacity / COP ¹⁾ [A +2 °C, W 55 °C]		kW / COP	6,00/2,08	6,00/2,08	6,00/2,08
Heating capacity / COP ¹⁾ [A -7 °C, W 35 °C]		kW / COP	5,60/2,84	5,60/2,84	5,60/2,84
Heating capacity / COP ¹⁾ [A -7 °C, W 55 °C]		kW / COP	5,30/1,91	5,30/1,91	5,30/1,91
Heating average climate [W 35 °C / W 55 °C]	Seasonal energy efficiency ²⁾	SCOP [η _s , %]	4,00/3,20(157/125)	4,00/3,20(157/125)	4,00/3,20(157/125)
	Energy class ³⁾	A+++ to D	A+++ / A++	A++ / A++	A++ / A++
Heating warm climate [W 35 °C / W 55 °C]	Seasonal energy efficiency ²⁾	SCOP [η _s , %]	5,69/3,69(224/145)	5,69/3,69(224/145)	5,69/3,69(224/145)
	Energy class ³⁾	A+++ to D	A+++ / A++	A+++ / A++	A+++ / A++
Heating cold climate [W 35 °C / W 55 °C]	Seasonal energy efficiency ²⁾	SCOP [η _s , %]	3,61/2,80(141/109)	3,61/2,80(141/109)	3,61/2,80(141/109)
	Energy class ³⁾	A+++ to D	A+ / A+	A+ / A+	A+ / A+
Sound pressure ⁴⁾	Heat	dB(A)	28	28	28
Dimension / Net weight	H x W x D	mm / kg	1880 x 598 x 600 / 108	1882 x 599 x 602 / 107	1882 x 599 x 602 / 107
Electric backup heater		kW	3,00	3,00	3,00
Water volume		L	185	185	185
Maximum DHW temperature		°C	65	65	65
Heating water flow [ΔT=5 K, 35 °C]		L/min	22,90	22,90	22,90
Tapping profile according EN16147		L	L	L	L
DHW tank ERP efficiency average / warm / cold ^{5) 6)}		A+ to F	A / A+ / A	A / A+ / A	A / A+ / A
DHW tank ERP average climate η / COPdHW ⁵⁾		η _{wh} % / COPdHW	104 / 2,60	104 / 2,60	104 / 2,60
DHW tank ERP warm climate η / COPdHW ⁵⁾		η _{wh} % / COPdHW	134 / 3,35	134 / 3,35	134 / 3,35
DHW tank ERP cold climate η / COPdHW ⁵⁾		η _{wh} % / COPdHW	92 / 2,30	92 / 2,30	92 / 2,30
Heat recovery capacity (DHW 55 °C)		kW	7,10 + 9,00	7,10 + 9,00	7,10 + 9,00
Heat recovery input power (DHW 55 °C)		kW	3,15	3,15	3,15
Heat recovery COP (DHW 55 °C)			5,11	5,11	5,11
Water outlet		°C	20 - 55	20 - 55	20 - 55
Piping diameter	Liquid / Gas	Inch (mm)	1/4(6,35) / 1/2(12,70)	3/8(9,52) / 5/8(15,88)	3/8(9,52) / 5/8(15,88)
Water pipe diameter	Room / DHW	Inch (mm)	1 1/4 / 3/4	1 1/4 / 3/4	1 1/4 / 3/4

1) EER and COP calculation is based in accordance to EN 14511. 2) SEER & SCOP data measurement is measured at condition according to EN 14825. 3) Scale from A+++ to D. 4) The sound pressure and power is measured under cooling mode (outdoor 35 °C DB, indoor 27 °C/19 °C) and heating mode (outdoor 7 °C/6 °C, indoor 20 °C DB). Sound pressure is measured with distance 1,0 m from the unit and height at 1,5 m. 5) Tank DHW tapping COP is measured under condition according to EN 16147. 6) Scale from A+ to F.



CONEX wired remote controller, white. CZ-RTC6W/BL/BLW2



CONEX wired remote controller, black. CZ-RTC6/BL/BLW2



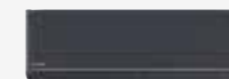
Aquarea EcoFlex hide-away	Indoor unit	Cooling capacity	Heating capacity	External static pressure ¹⁾	Sound pressure ²⁾	Dimension / Net weight	Piping diameter
					Cool — Heat (Hi/Lo/Q-Lo)		
7,1 kW	S-71WF3E	7,10	7,10	10 - 150	34/26 / -- 34/26 / -	250 x 1000 x 730 / 30	1/4(6,35) / 1/2(12,70)



Optional wireless control kit. CZ-RL511D



NEW! Low static pressure hide-away	Indoor unit	Cooling capacity	Heating capacity	External static pressure ¹⁾	Sound pressure ²⁾	Dimension / Net weight	Piping diameter
					Cool — Heat (Hi/Lo/Q-Lo)		
2,0 kW	CS-MZ20CD3EA	2,00	2,80	15-45	34/29/26 — 36/29/26	200 x 750 x 640 / 19	1/4(6,35) / 3/8(9,52)
2,5 kW	CS-Z25CD3EAW	2,50	3,20	15-45	35/29/26 — 37/29/26	200 x 750 x 640 / 19	1/4(6,35) / 3/8(9,52)
3,5 kW	CS-Z35CD3EAW	3,50	4,00	15-45	35/29/26 — 37/29/26	200 x 750 x 640 / 19	1/4(6,35) / 3/8(9,52)
5,0 kW	CS-Z50CD3EAW	5,00	6,00	15-50	41/31/28 — 41/32/29	200 x 750 x 640 / 19	1/4(6,35) / 3/8(9,52)
6,0 kW	CS-Z60CD3EAW	6,00	7,50	15-50	41/32/29 — 43/34/31	200 x 750 x 640 / 19	1/4(6,35) / 1/2(12,70)



Optional wired remote controller. CZ-RD517C



NEW! Wall-mounted Etherea	Indoor unit graphite grey	Indoor unit silver	Indoor unit matt white	Cooling capacity	Heating capacity	Sound pressure ³⁾	Dimension / Net weight	Piping diameter
						Cool — Heat (Hi/Lo/Q-Lo)		
1,6 kW	—	—	CS-MZ16CKE	1,60	2,30	37/26/21 — 38/27/21	295 x 870 x 229 / 10	1/4(6,35) / 3/8(9,52)
2,0 kW	CS-XZ20CKEW-H	CS-XZ20CKEW	CS-Z20CKEW	2,00	2,80	37/26/21 — 38/27/21	295 x 870 x 229 / 10	1/4(6,35) / 3/8(9,52)
2,5 kW	CS-XZ25CKEW-H	CS-XZ25CKEW	CS-Z25CKEW	2,50	3,20	41/27/21 — 41/29/21	295 x 870 x 229 / 10	1/4(6,35) / 3/8(9,52)
3,5 kW	CS-XZ35CKEW-H	CS-XZ35CKEW	CS-Z35CKEW	3,50	4,00	44/30/21 — 45/35/21	295 x 870 x 229 / 11	1/4(6,35) / 3/8(9,52)
4,2 kW	CS-XZ42CKEW-H	—	CS-Z42CKEW	4,20	4,90	44/33/27 — 45/37/31	295 x 870 x 229 / 10	1/4(6,35) / 3/8(9,52)
5,0 kW	—	CS-XZ50CKEW	CS-Z50CKEW	5,00	6,00	44/39/32 — 46/39/32	295 x 1040 x 244 / 12	1/4(6,35) / 3/8(9,52)
7,1 kW	—	—	CS-Z71CKEW	7,10	7,70	49/40/32 — 49/40/32	295 x 1040 x 244 / 13	1/4(6,35) / 1/2(12,70)

1) The specification listed on the table indicates values under the condition of 25 Pa (2,5 mmAq) which are applied for factory default setting. Change switch on PCB from Hi to S-Hi to have more than 6,0 mmAq. 2) The sound pressure of the indoor unit shows the value measured of a position of 1,5 m below the unit with 1 m duct on the suction side and 2 m duct on the discharge side. The sound pressure is measured in accordance with JIS C 9612. 3) The sound pressure of the indoor unit shows the value measured of a position of 1 m in front of the main body and 0,8 m below the unit. The sound pressure is measured in accordance with JIS C 9612. Q-Lo: Quiet mode. Lo: The lowest set fan speed.

Possible outdoor / indoor units combinations

Rooms	Outdoor unit	Indoor capacity connected (Min - Max)	Aquarea EcoFlex hide-away	Low static pressure hide-away					Wall-mounted Etherea						
			71	20	25	35	50	60	16	20	25	35	42	50	71
1	CU-2WZ71YBE5	-- 7,10 kW	✓												
1	CU-4WZ90CBE5	-- 7,10 kW	✓ ¹⁾												
2 ~ 3	CU-4WZ90CBE5	3,20 ~ 11,00 kW	✓ ¹⁾	✓	✓	✓	✓ ²⁾	✓	✓	✓	✓	✓ ²⁾	✓ ²⁾	✓ ³⁾	✓ ³⁾

1) Pipe reducer CZ-MA2PA required. 2) Pipe reducer CZ-MA1PA required. 3) Pipe reducer CZ-MA2PA and CZ-MA3PA required.

Aquarea Loop: Efficient radiator retrofit for centralised heating with integrated cooling

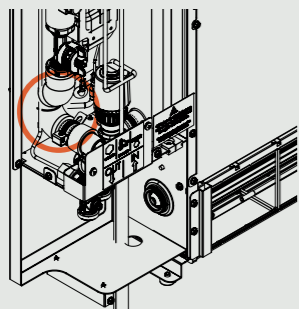
The Aquarea Loop is a decentralised water-to-air heat pump using natural refrigerant R290, designed to replace radiators in centralised heating systems.

Ideal for multi-family buildings, social housing, hotels, schools, offices, ...

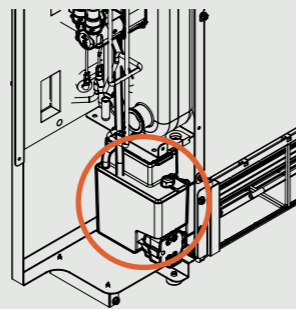


Choice of pre-installed hydraulic options available.

2 and 3 way valves with modulation.



Injection kit.



If it is not possible to pipe away condensation, it is possible to reinject it into the system thanks to an optional kit which can be installed inside of the unit.



R290

Aquarea Loop - R290

- Compact indoor unit – only 140 mm depth
- DC Inverter compressor with natural refrigerant R290
- Simultaneous heating and cooling capability
- Low temperature water loop (20 - 30 °C) all year round
- Use of existing piping for renovations*
- Integrated unit-level energy metering

*Based on the low flow rate requirement – must be checked on each project.

Model (the complete model codes are shown in the table below)			P-CWSL10	P-CWSL20	P-CWSL30
Cooling capacity ¹⁾	Nominal (Min - Max)	kW	1,10 [0,20 - 1,20]	1,50 [0,30 - 1,70]	2,60 [0,60 - 3,00]
		W/W	4,40	4,80	4,80
SEER ²⁾			5,50	6,10	7,90
Input power ¹⁾		kW	0,2	0,3	0,5
Heating capacity ³⁾	Nominal (Min - Max)	kW	1,10 [0,40 - 1,40]	2,00 [0,40 - 2,30]	3,10 [0,80 - 3,60]
		W/W	5,20	5,40	5,90
SCOP ²⁾			6,44	6,92	6,74
Input power ³⁾		kW	0,2	0,4	0,5
Ventilation					
Ventilation speeds			4	4	4
Air flow	Min / Ave / Max	m ³ /h	50 / 105 / 160	100 / 205 / 330	175 / 305 / 500
Electrical data					
Power supply	Voltage	V	230	230	230
	Phase		Single phase	Single phase	Single phase
	Frequency	Hz	50	50	50
Maximum input current		mA	1,74	3,87	5,01
Maximum consumption		kW	0,40	0,89	1,15
Sound levels					
Sound power ⁴⁾	Max	dB(A)	48	50	52
Sound pressure ⁵⁾	Min / Nom / Max	dB(A)	28 / 33 / 40	29 / 34 / 42	31 / 35 / 44
Hydraulic data					
Connection type			Eurokonus	Eurokonus	Eurokonus
Hydraulic connections		Inch	¾	¾	¾
Water flow rate	Heating / Cooling	L/min	3,7 / 4,5	7,7 / 5,2	12,0 / 9,0
Nominal pressure drop	Heating / Cooling	kPa	6,80 / 4,80	11,20 / 5,40	12,50 / 7,50
Nominal pressure drop with flow control valve	Heating / Cooling	kPa	7,80 / 5,40	14,20 / 6,70	20,50 / 11,80
Refrigerant (R290)		kg	0,10	0,14	0,15
Dimension and weight					
Dimension / Net weight	H x W x D	mm / kg	641 x 775 x 144 / 135	641 x 975 x 144 / 140	641 x 1225 x 144 / 145
Operating range and water outlet					
Operating range - indoor air	Heating / Cooling	°C	5 - 27 / 18 - 35	5 - 27 / 18 - 35	5 - 27 / 18 - 35
Water outlet	Heating / Cooling	°C	10 - 45 / 15 - 50	10 - 45 / 15 - 50	10 - 45 / 15 - 50

1) Loop water temperature 30 °C - Ambient air temperature 27 °C, indoor humidity 38% - Performance according to EN 14511. 2) SEER and SCOP in accordance with EN 14825. 3) Ring water temperature 20 °C - Ambient air temperature 20 °C, indoor humidity 50% - Performance according to EN 14511. 4) Sound power measured according to EN 16583. 5) Sound pressure at a distance of 1 m measured according to ISO 7779.

Aquarea Loop with on-board display

Hydraulic configuration	Without valves	P-CWSL10SC5-HCE	P-CWSL20SC5-HCE	P-CWSL30SC5-HCE
	Without valves + injection kit	P-CWSL10SC5-HFE	P-CWSL20SC5-HFE	P-CWSL30SC5-HFE
	2 and 3 way valve with modulation	P-CWSL10SC5-HBE	P-CWSL20SC5-HBE	P-CWSL30SC5-HBE
	2 and 3 way valve with modulation + injection kit	P-CWSL10SC5-HEE	P-CWSL20SC5-HEE	P-CWSL30SC5-HEE

Aquarea Loop with on-board display with integrated Wi-Fi

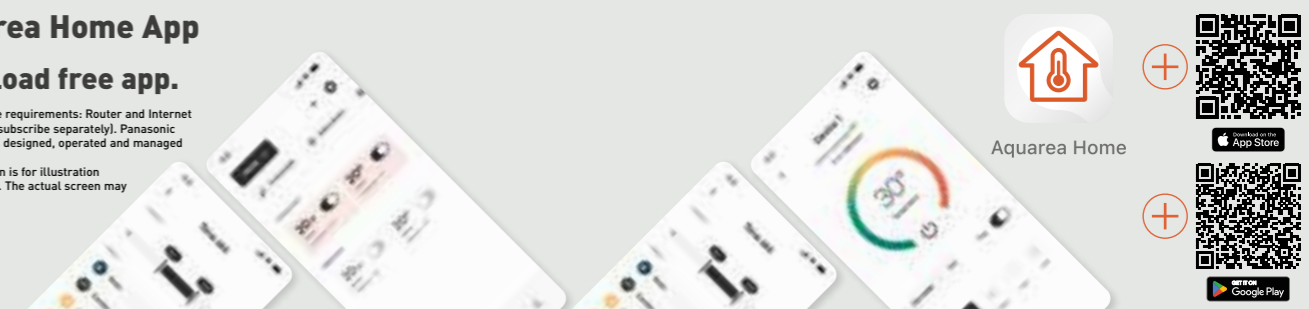
Hydraulic configuration	Without valves	P-CWSL10SC5-WCE	P-CWSL20SC5-WCE	P-CWSL30SC5-WCE
	Without valves + injection kit	P-CWSL10SC5-WFE	P-CWSL20SC5-WFE	P-CWSL30SC5-WFE
	2 and 3 way valve with modulation	P-CWSL10SC5-WBE	P-CWSL20SC5-WBE	P-CWSL30SC5-WBE
	2 and 3 way valve with modulation + injection kit	P-CWSL10SC5-WEE	P-CWSL20SC5-WEE	P-CWSL30SC5-WEE

Aquarea Home App

Download free app.

Other hardware requirements: Router and Internet (purchase and subscribe separately). Panasonic Cloud Server is designed, operated and managed by Panasonic.

*The app screen is for illustration purposes only. The actual screen may differ.



Aquarea Air Smart fan coils





Stylish, compact fan coil units for high comfort and energy savings.

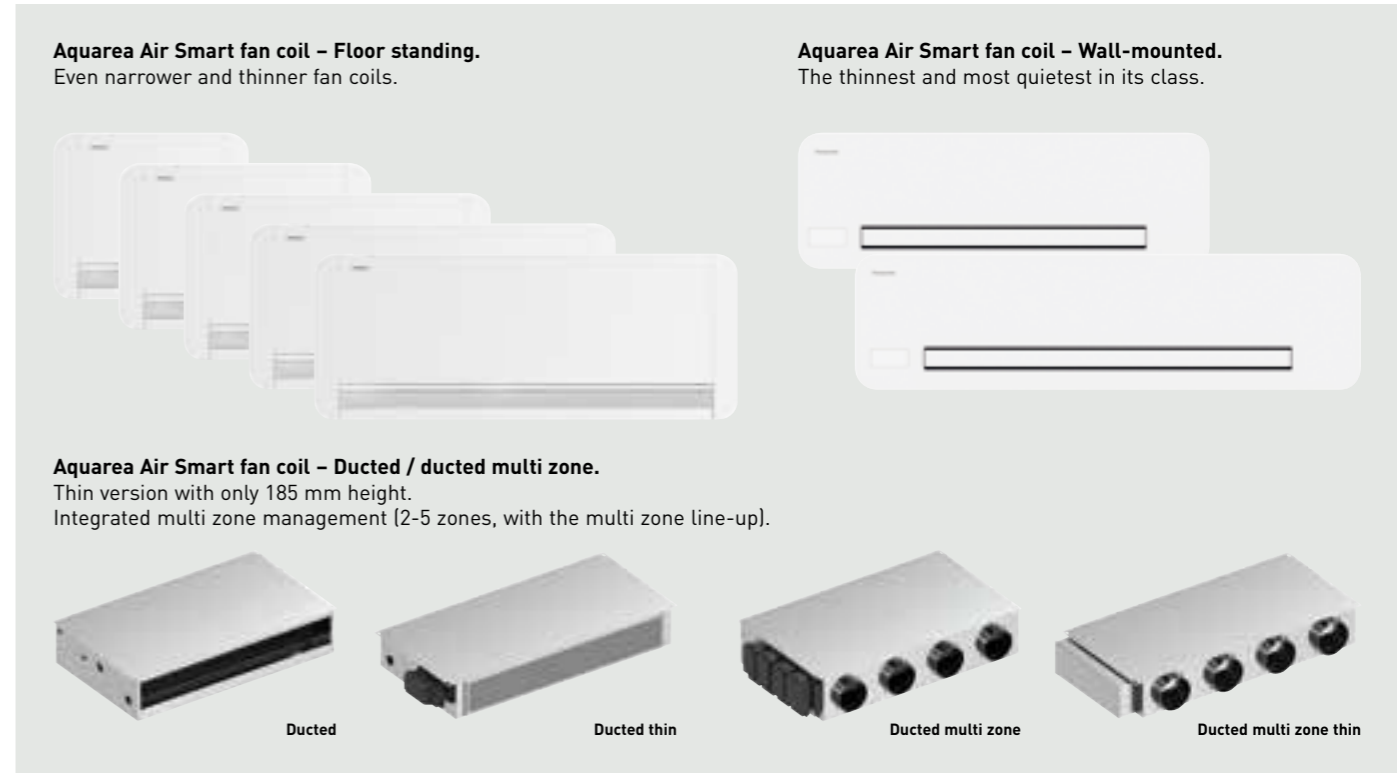
+ MORE FAN COIL OPTIONS IN FAN COIL UNITS SECTION



Aquarea Air Smart fan coils have a minimal visual impact and can be elegantly integrated into any home or office environment, adapting to any type of furniture.

Designed to provide both heating and cooling in one compact unit, they maximise energy savings when combined with an Aquarea Heat Pumps.

-  **SLIM, SOPHISTICATED DESIGN WITH METAL CASING**
-  **SELF-MODULATING AIRFLOW (PI LOGIC) AND DC INVERTER FAN MOTOR**
-  **WIDE RANGE WITH MULTIPLE CONFIGURATION OPTIONS**
-  **ADVANCED CONTROL AND CONNECTIVITY OPTIONS**



AC SELECT.

Smart and user-friendly selection tool.

Configure your air conditioning solution at required conditions: <https://acselect.panasonic.eu/>



Aquarea Home App

Download free app.

Other hardware requirements: Router and Internet (purchase and subscribe separately). Panasonic Cloud Server is designed, operated and managed by Panasonic.
*The app screen is for illustration purposes only. The actual screen may differ.



Aquarea Home



Aquarea Air Smart fan coil – Floor standing

Slim chassis profile, only 129 mm / RAL 9003 / DC Inverter – maximising comfort and energy savings / Modulated air flow.
Possible configurations: Left or right water connections / 2 or 3 way valves as accessories / On-board or wall mounted control or PCB for analog input (0-10 V)



Model (the complete model codes are shown in the table below)		P-FAL10	P-FAL20	P-FAL30	P-FAL35	P-FAL40
Fan speed ¹⁾		Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max
Total cooling capacity ²⁾	kW	0,43/0,73/0,91	0,75/1,36/2,12	1,15/2,08/2,81	1,32/2,39/3,30	1,36/2,57/3,71
Sensible capacity ²⁾	kW	0,29/0,51/0,71	0,59/1,04/1,54	0,83/1,51/2,11	1,02/1,84/2,65	1,05/1,98/2,90
Water flow ²⁾	l/h	73,67/125,07/155,91	128,50/233,01/363,22	197,03/356,36/481,43	226,15/409,48/565,39	—
Water pressure drop ²⁾³⁾	kPa	5,7/10,2/12,1	1,9/4,3/8,2	2,7/9,9/17,1	2,5/8,8/18,0	—
Heating capacity ⁴⁾	kW	0,37/0,69/1,00	0,82/1,50/2,19	1,19/2,15/2,99	1,45/2,56/3,73	1,47/2,78/4,23
Water flow ⁴⁾	l/h	65,11/120,91/179,87	144,60/269,80/389,71	211,61/380,89/532,55	259,22/456,72/671,86	—
Water pressure drop ³⁾⁴⁾	kPa	2,6/6,8/9,1	1,5/4,3/9,2	2,7/9,3/19,1	3,0/8,9/21,2	—
Sound levels						
Sound power	dB(A)	37/47/54	37/47/54	37/47/57	37/47/55	37/48/58
Sound pressure ⁵⁾	dB(A)	24/33/41	25/34/42	26/34/44	26/35/46	28/38/47
Ventilation						
Number of fans		1	1	1	1	1
Air flow	m ³ /h	49/91/146	124/210/294	194/318/438	302/410/567	364/479/663
Maximum static pressure	Pa	10	10	13	13	13
Electrical data						
Power supply	V / Phase / Hz	V	230/1/50	230/1/50	230/1/50	230/1/50
Consumption	W	7,0/9,0/13,0	14,0/18,0/22,0	16,0/20,0/24,0	18,0/22,0/26,5	—
Water connections						
Hydraulic connections type		Eurokonus	Eurokonus	Eurokonus	Eurokonus	Eurokonus
Hydraulic connections	Inch	3/4	3/4	3/4	3/4	3/4
Dimension and weight						
Dimension / Weight	HxWxD	mm / kg	579x680x129/17	579x880x129/20	579x1080x129/23	579x1280x129/26
			579x1480x129/29			

1) Fan standard factory set speeds. 2) According to Eurovent standard. Air: 27 °C DB/19 °C WB, chilled water: 7 °C/12 °C. 3) Pressure loss by corresponding nominal flow. 4) According to Eurovent standard. Air: 20 °C, hot water: 45 °C/40 °C. 5) Informative data, considering an hypothetical sound attenuation of the room and installation of 9 dB(A).

Option 1. Standard configurations with built-in accessories

Fan coil with on-board display		
Left-hand piping, vertical installation, built-in 3 way valve		
P-FAL10SC-HLE		
P-FAL20SC-HLE		
P-FAL30SC-HLE		
P-FAL35SC-HLE		
P-FAL40SC-HLE		
Fan coil with wall-mounted control		
Left-hand piping, vertical installation, built-in 3 way valve		
P-FAL10SC-RLE		
P-FAL20SC-RLE		
P-FAL30SC-RLE		
P-FAL35SC-RLE		
P-FAL40SC-RLE		
Control (required, to be ordered separately)	With Modbus	PCZ-EEB749
	With integrated Wi-Fi	PCZ-EFB749

Accessories and options	
PCZ-LC0158	Set of 2 legs to protect water pipes

Option 2. Configure your own Aquarea Air Smart fan coil – Floor standing unit

Left-hand piping		Right-hand piping	
P-FAL10SC-00E		P-FAL10DC-00E	
P-FAL20SC-00E		P-FAL20DC-00E	
P-FAL30SC-00E		P-FAL30DC-00E	
P-FAL35SC-00E		P-FAL35DC-00E	
P-FAL40SC-00E		P-FAL40DC-00E	
Control options (required)	On-board display	With Modbus	PCZ-ECA844
		With integrated Wi-Fi	PCZ-EWA844
	Wall-mounted control	With Modbus	PCZ-ESE845 + PCZ-EEB749
		With integrated Wi-Fi	PCZ-ESE845 + PCZ-EFB749
	PCB for analog control (0-10 V)		PCZ-B10842
Valve kits (optional)	3 way valve with motor		PCZ-V30720
	2 way valve with motor		PCZ-V20139
Condensate drip tray for horizontal installation (optional)	For P-FAL10		PCZ-GB0520
	For P-FAL20		PCZ-GB0521
	For P-FAL30		PCZ-GB0522
	For P-FAL35		PCZ-GB0523
	For P-FAL40		PCZ-GB0524

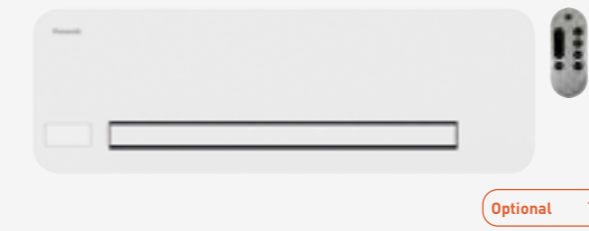
Accessories and options	
PCZ-LC0606	Set of 2 legs to anchor the unit to the floor

Control options.

On-board display with Modbus or integrated Wi-Fi.

Wall-mounted control with Modbus or integrated Wi-Fi.

PCB for analog control (0-10 V).



Aquarea Air Smart fan coil – Wall-mounted

Slim chassis profile, only 128 mm / RAL 9003 / DC Inverter – maximising comfort and energy savings / Modulated air flow.
Possible configurations: Left or right water connections / 2 or 3 way valves as accessories / On-board or wall mounted control or PCB for analog input (0-10 V)

Model (the complete model codes are shown in the table below)		P-FMM10	P-FMM15	P-FMM20	P-FMM40
Fan speed ¹⁾		Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max
Total cooling capacity ²⁾	kW	0,49/0,88/1,24	0,62/1,08/1,61	0,70/1,21/1,94	1,32/2,66/3,94
Sensible capacity ²⁾	kW	0,37/0,70/0,98	0,52/0,86/1,27	0,57/1,02/1,52	1,08/2,05/2,92
Water flow ²⁾	l/h	84,00/150,80/212,40	106,20/185,00/275,80	119,90/207,30/332,40	226,40/455,30/674,30
Water pressure drop ²⁾	kPa	4,8/10,5/11,7	4,7/5,6/5,1	5,5/5,4/5,3	1,8/6,0/12,1
Heating capacity ³⁾	kW	0,54/0,98/1,45	0,76/1,30/1,93	0,78/1,49/2,28	1,63/3,04/4,44
Water flow ³⁾	l/h	97,00/176,30/264,50	139,30/239,80/354,40	141,10/273,30/414,40	296,40/547,00/800,90
Water pressure drop ³⁾	kPa	5,1/12,0/16,3	4,8/6,3/7,2	6,0/6,4/8,1	2,3/6,9/14,1
Sound levels					
Sound power	dB(A)	35/46/53	36/47/54	37/48/58	38/48/62
Sound pressure ⁴⁾	dB(A)	25/33/40	25/34/41	26/34/42	27/37/51
Ventilation					
Air flow	m ³ /h	84/155/228	124/229/331	138/283/440	230/480/788
Electrical data					
Power supply	V / Phase / Hz	V	230/1/50	230/1/50	230/1/50
Consumption	W	5/8/19	5/9/20	5/11/29	8/23/30
Water connections					
Hydraulic connections type		Eurokonus	Eurokonus	Eurokonus	Eurokonus
Hydraulic connections	Inch	3/4	3/4	3/4	3/4
Dimension and weight					
Dimension / Weight	HxWxD	mm / kg	335x815x128/14	335x1015x128/16	335x1215x128/19
			335x1215x215/24		

1) Fan standard factory set speeds. 2) According to Eurovent standard. Air: 27 °C DB/19 °C WB, chilled water: 7 °C/12 °C. 3) According to Eurovent standard. Air: 20 °C, hot water: 45 °C/40 °C. 4) Informative data, considering an hypothetical sound attenuation of the room and installation of 9 dB(A).

Option 1. Standard configurations with built-in accessories

Fan coil with on-board display and wireless IR control		
Right-hand piping, built-in 3 way valve		
P-FMM10DC-QNE		
P-FMM15DC-QNE		
P-FMM20DC-QNE		
P-FMM40DC-QNE		
Fan coil with wall-mounted control		
Right-hand piping, built-in 3 way valve		
P-FMM10DC-RNE		
P-FMM15DC-RNE		
P-FMM20DC-RNE		
P-FMM40DC-RNE		
Control (required, to be ordered separately)	With Modbus	PCZ-EEB749
	With integrated Wi-Fi	PCZ-EFB749

Valve kits (optional)	
PCZ-V30688	3 way valve with motor for models 10, 15, 20
PCZ-V30718	3 way valve with motor for model 40

Option 2. Configure your own Aquarea Air Smart fan coil – Wall-mounted unit

Fan coil with on-board display and wireless IR control	
Left-hand piping	Right-hand piping
P-FMM10SC-Q0E	P-FMM10DC-Q0E
P-FMM15SC-Q0E	P-FMM15DC-Q0E
P-FMM20SC-Q0E	P-FMM20DC-Q0E
—	P-FMM40DC-Q0E
Fan coil with wall-mounted control	
Left-hand piping	Right-hand piping
P-FMM10SC-R0E	P-FMM10DC-R0E
P-FMM15SC-R0E	P-FMM15DC-R0E
P-FMM20SC-R0E	P-FMM20DC-R0E
—	P-FMM40DC-R0E
Control (required, to be ordered separately)	With Modbus
	With integrated Wi-Fi
	PCZ-EEB749
	PCZ-EFB749

Fan coil with PCB for analog control (0-10 V)	
Left-hand piping	Right-hand piping
P-FMM10SC-V0E	P-FMM10DC-V0E
P-FMM15SC-V0E	P-FMM15DC-V0E
P-FMM20SC-V0E	P-FMM20DC-V0E
—	P-FMM40DC-V0E

Valve kits (optional)	
PCZ-V20687	2 way valve with motor for models 10, 15, 20
PCZ-V20139	2 way valve with motor for model 40

Control options.

On-board display with Modbus.

Wall-mounted control with Modbus or integrated Wi-Fi.

PCB for analog control (0-10 V).

Aquarea Air Smart fan coil – Ducted thin / ducted

Fan coil ducted units with cooling and heating.

Cooling capacity: 0,7 to 5,3 kW.

Heating capacity: 0,7 to 5,8 kW.



Optional

The range at a glance

- Slim profile, only 185 mm for the thin version
- DC Inverter – maximising comfort and energy savings
- Modulated air flow
- Quiet operation
- Centrifugal fan with single motor impeller
- Vertical or horizontal installation

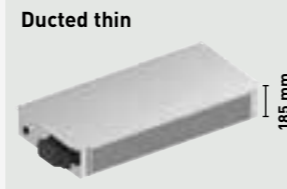
Possible configurations

- Left or right water connections
- 2 or 3 way valves as accessories
- Wall-mounted control or PCB for analog input (0-10 V)

High-efficiency ducted fan coil for high comfort and quiet operation thanks to self modulating air flow control.

Ducted thin, designed to fit any space

With a height of only 185 mm, the thin version is even more versatile than the classic version and fits perfectly into any wall or false ceiling with either horizontal or vertical installation.



Optional controller. Wall-mounted control with Modbus. PCZ-EEB749



Optional controller. Wall-mounted control with integrated Wi-Fi. PCZ-EFB749



Optional controller. PCB for analog control (0-10 V).

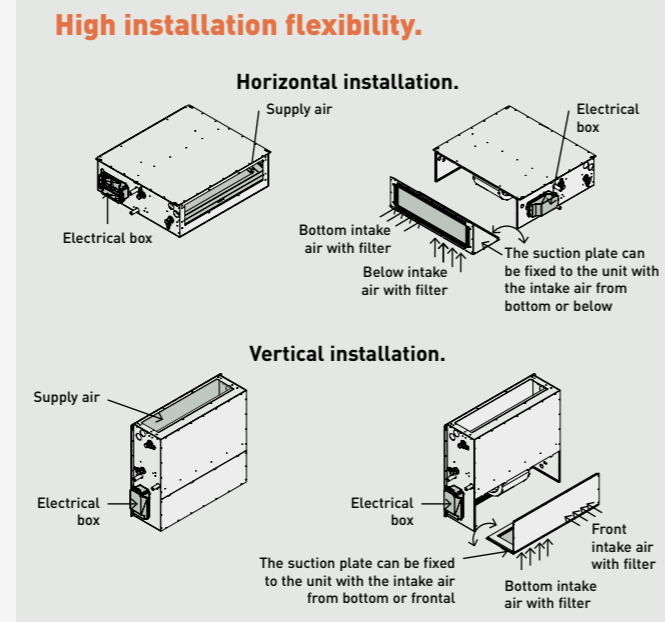
CHECK PAGE 135 FOR A WIDER SELECTION OF ACCESSORIES



Technical performance

Model ¹⁾ (the complete model codes are shown in the table below)	Ducted thin					Ducted						
	P-FTN15	P-FTN20	P-FTN25	P-FTN35	P-FTN45	P-FSN20	P-FSN25	P-FSN35	P-FSN45	P-FSN55		
Fan speed ¹⁾	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max		
Total cooling capacity ²⁾	kW	0,66/1,14 /1,40	1,01/1,84 /2,10	1,23/2,17 /2,60	1,47/2,40 /3,30	1,72/2,80 /4,45	0,82/1,37 /1,88	1,27/1,86 /2,14	1,53/2,38 /2,97	1,81/3,22 /3,48	1,82/3,97 /5,31	
Sensible capacity ²⁾	kW	0,46/0,84 /1,05	0,70/1,27 /1,50	0,88/1,56 /2,10	1,06/1,77 /2,45	1,23/2,33 /3,20	0,61/0,96 /1,48	0,93/1,43 /1,56	1,17/1,98 /2,92	1,33/2,58 /2,95	1,33/2,75 /3,65	
Water flow ²⁾	l/h	113/195 /270	173/315 /405	211/373 /510	251/412 /610	295/481 /805	141/235 /322	218/319 /367	262/408 /509	310/552 /596	312/680 /910	
Water pressure drop ²⁾³⁾	kPa	1,0/3,0 /5,0	2,0/5,0 /8,0	4,0/10,0 /17,0	2,0/5,0 /11,0	2,0/6,0 /14,0	9,2/11,8 /15,7	9,9/14,9 /19,4	2,4/2,8 /2,9	9,0/12,6 /14,6	4,1/16,1 /27,2	
Heating capacity ⁴⁾	kW	0,68/1,32 /1,65	1,01/1,80 /2,10	1,32/2,32 /2,86	1,63/2,76 /3,71	1,89/3,98 /5,20	0,9/1,48 /1,98	1,36/2,04 /2,54	1,81/2,63 /3,45	1,96/3,77 /4,46	1,95/4,23 /5,73	
Water flow ⁴⁾	l/h	115/222 /310	170/303 /440	235/410 /540	288/486 /730	329/692 /880	159/261 /349	239/360 /448	319/464 /608	346/665 /787	347/754 /1025	
Water pressure drop ³⁾⁴⁾	kPa	1,0/3,0 /6,0	2,0/5,0 /9,0	4,0/11,0 /18,0	2,0/6,0 /13,0	3,0/10,0 /15,0	51/12,0 /16,3	10,3/15,6 /21,5	2,6/2,8 /2,9	9,2/15,6 /18,4	4,0/16,4 /29,3	
Sound levels												
Sound power	dB(A)	42/47/53	44/51/58	45/52/58	46/54/60	47/54/61	46/54/58	46/54/58	46/54/57	47/55/58	48/55/60	
Ventilation												
Number of fans		1	1	2	2	3	1	1	2	2	3	
Air flow	m ³ /h	90/200/290	140/290/390	190/390/550	230/450/680	250/610/870	120/260/390	180/350/560	240/440/730	260/550/905	280/750/1150	
Maximum static pressure	Pa	100	90	120	110	140	90	130	110	140	140	
Electrical data												
Power supply	Voltage	V	230	230	230	230	230	230	230	230	230	
	Phase		Single phase	Single phase	Single phase	Single phase	Single phase	Single phase	Single phase	Single phase	Single phase	
	Frequency	Hz	50	50	50	50	50	50	50	50	50	
Consumption	W	14/32/80	22/55/140	26/65/160	33/80/160	38/115/230	6/11/24	7/14/31	8/16/34	13/30/38	14/42/85	
Degree of protection	IP	X0	X0	X0	X0	X0	X0	X0	X0	X0	X0	
Connections												
Hydraulic connections type		Eurokonus	Eurokonus	Eurokonus	Eurokonus	Eurokonus	Eurokonus	Eurokonus	Eurokonus	Eurokonus		
Hydraulic connections	Inch	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4		
Condensate drainage connection	mm	20	20	20	20	20	20	20	20	20		
Intake air connection	Base x Height	mm	460 x 100	660 x 100	860 x 100	1060 x 100	1320 x 100	460 x 150	660 x 150	860 x 150	1060 x 150	
Return air connection	Base x Height	mm	510 x 100	710 x 100	910 x 100	1110 x 100	1370 x 100	510 x 150	710 x 150	910 x 150	1110 x 150	
Dimension and weight												
Dimension	H x W x D	mm	185 x 590 x 575	185 x 790 x 575	185 x 990 x 575	185 x 1190 x 575	185 x 1440 x 575	240 x 590 x 695	240 x 790 x 695	240 x 990 x 695	240 x 1190 x 695	240 x 1440 x 695
Weight	kg	30	41	45	54	65	32	43	47	56	67	

1) Fan standard factory set speeds. 2) According to Eurovent standard. Air: 27 °C DB/19 °C WB, chilled water: 7 °C/12 °C. 3) Pressure loss by corresponding nominal flow. 4) According to Eurovent standard. Air: 20 °C, hot water: 45 °C/40 °C.



Configure your own Aquarea Air Smart fan coil – Ducted thin / ducted unit

Fan coil with wall-mounted control		
Left-hand piping	Right-hand piping	
P-FTN15005-RE	P-FTN15R05-RE	
P-FTN20005-RE	P-FTN20R05-RE	
P-FTN25005-RE	P-FTN25R05-RE	
P-FTN35005-RE	P-FTN35R05-RE	
P-FTN45005-RE	P-FTN45R05-RE	
P-FSN20005-RE	P-FSN20R05-RE	
P-FSN25005-RE	P-FSN25R05-RE	
P-FSN35005-RE	P-FSN35R05-RE	
P-FSN45005-RE	P-FSN45R05-RE	
P-FSN55005-RE	P-FSN55R05-RE	
Control (required, to be ordered separately)	With Modbus	PCZ-EEB749
	With integrated Wi-Fi	PCZ-EFB749

Fan coil with PCB for analog control (0-10 V)		
Left-hand piping	Right-hand piping	
P-FTN15005-JE	P-FTN15R05-JE	
P-FTN20005-JE	P-FTN20R05-JE	
P-FTN25005-JE	P-FTN25R05-JE	
P-FTN35005-JE	P-FTN35R05-JE	
P-FTN45005-JE	P-FTN45R05-JE	
P-FSN20005-JE	P-FSN20R05-JE	
P-FSN25005-JE	P-FSN25R05-JE	
P-FSN35005-JE	P-FSN35R05-JE	
P-FSN45005-JE	P-FSN45R05-JE	
P-FSN55005-JE	P-FSN55R05-JE	

Valve kits (optional)		
PCZ-V30361	3 way valve with motor	

Valve kits (optional)		
PCZ-V20139	2 way valve with motor	

Aquarea Air Smart fan coil – Ducted multi zone thin / ducted multi zone

Fan coil ducted units with cooling and heating.

Cooling capacity: 0,5 to 7,6 kW.

Heating capacity: 0,5 to 8,52 kW.



Optional

The range at a glance

- Multi zone management (2-5 zones)
- Slim profile, only 185 mm for the thin version
- DC Inverter – maximising comfort and energy savings
- Modulated air flow
- Quiet operation
- Centrifugal fan with single motor impeller

Possible configurations

- Left or right water connections
- 2 or 3 way valves as accessories
- Wall-mounted control or PCB for analog input (0-10 V)

The ducted Smart fan coil unit with integrated multi zone management.



Optional controller. Wall-mounted control with Modbus. PCZ-EEB749



Optional controller. Wall-mounted control with integrated Wi-Fi. PCZ-EFB749



Optional controller. PCB for analog control (0-10 V).

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High installation flexibility.

Single air outlet per zone.

Multiple air outlets per zone.



Example: 3 air outlets for 3 independent zones.



Example: 3 air outlets for 2 independent zones. Zone 1 with dual channel. Zone 2 with single channel.

Multi zone management

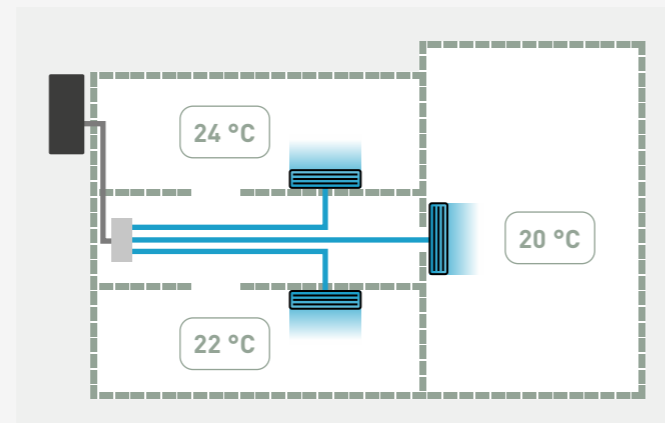
Thanks to integrated multi zone management and the use of forward-bladed centrifugal brushless EC multi-fans, the fan coil ducted multi zone allow independent management of the different thermal zones, resulting in benefits in terms of efficiency, comfort and quietness.



1 | Air supply plate. Built-in air supply plate, number of outlets depending on unit size.

2 | Fans. Integrated multi-fans for independent management of the different zones.

3 | Horizontal condensate tray. Allows the collection of condensate if the unit is installed horizontally.



- P-FTQ30/P-FSQ30: 2 outlets DN 160 mm
- P-FTQ45/P-FSQ45: 3 outlets DN 160 mm
- P-FTQ60/P-FSQ60: 4 outlets DN 160 mm
- P-FTQ65/P-FSQ75: 5 outlets DN 160 mm

Technical performance

Model <small>(the complete model codes are shown in the table below)</small>	Ducted multi zone thin				Ducted multi zone					
	P-FTQ30	P-FTQ45	P-FTQ60	P-FTQ65	P-FSQ30	P-FSQ45	P-FSQ60	P-FSQ75		
Fan speed ¹⁾	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max		
Total cooling capacity ²⁾	kW	1,10/1,97 /3,02	1,16/2,97 /4,40	2,02/3,68 /5,70	2,09/4,15 /6,40	0,47/3,80 /3,23	0,66/3,77 /4,57	0,85/4,87 /5,88	1,06/6,31 /7,61	
Sensible capacity ²⁾	kW	0,76 /1,37 /2,15	0,79/2,09 /3,16	1,45/2,67 /4,10	1,61/3,08 /4,60	0,33/2,70 /2,22	0,48/2,62 /3,16	0,63/3,40 /4,10	0,78/4,32 /5,20	
Single zone cooling capacity ²⁾	kW	0,49/1,30 /1,70	0,49/1,30 /1,70	0,49/1,30 /1,70	0,49/1,30 /1,70	— /— /2,10	— /— /2,10	— /— /2,10	— /— /2,10	
Single zone sensible capacity ²⁾	kW	0,31/0,89 /1,23	0,31/0,89 /1,23	0,31/0,89 /1,23	0,31/0,89 /1,23	— /— /1,50	— /— /1,50	— /— /1,50	— /— /1,50	
Water flow ²⁾	l/h	190/338 /530	200/510 /800	346/630 /1030	358/713 /1220	80/651 /553	113/647 /782	146/834 /1008	182,3/1081 /1304	
Water pressure drop ²⁾³⁾	kPa	4,0/11,0/22,0	2,0/9,0/18,0	3,0/9,0/18,0	1,0/4,0/9,0	1,8/29,0/54,1	1,2/25,7/36,4	1,0/20,2/28,5	1,6/37,3/52,6	
Heating capacity ⁴⁾	kW	1,15/2,11 /3,30	1,71/3,19 /4,90	-/5,76/6,30	2,67/4,75 /7,65	0,45/3,90 /3,61	0,68/4,16 /5,08	0,90/5,42 /6,59	1,13/6,87 /8,37	
Single zone heating capacity ⁴⁾	kW	0,42/1,29 /1,85	0,42/1,29 /1,85	0,42/1,29 /1,85	0,42/1,29 /1,85	— /— /2,20	— /— /2,20	— /— /2,20	— /— /2,20	
Water flow ⁴⁾	l/h	200/368 /560	296/554 /800	391/699 /1110	464/826 /1305	80/688 /636	120/748 /914	159/975 /1189	199/1230 /1502	
Water pressure drop ³⁾⁴⁾	kPa	4,0/13,0/25,0	3,0/10,0/19,0	3,0/10,0/18,0	2,0/5,0/10,0	1,4/29,0/61,2	1,1/28,9/42,3	0,9/23,1/33,7	1,5/41,4/60,6	
Sound levels										
Sound power	dB(A)	40/49/58	42/50/59	42/52/61	43/53/62	— /— /60	— /— /61	— /— /62	— /— /64	
Ventilation										
Number of fans		2	3	4	5	2	3	4	5	
Air flow	m ³ /h	145/290 /480	215/435 /720	288/576 /960	360/720 /1200	60/600 /810	90/900 /1215	120/1200 /1620	150/1500 /2025	
Single zone air flow	m ³ /h	50/160/240	50/160/240	50/160/240	50/160/240	60/205/300	60/205/300	60/205/300	60/205/300	
Maximum static pressure	Pa	100	100	100	100	100	100	100	100	
Electrical data										
Power supply	Voltage	V	230	230	230	230	230	230	230	
	Phase		Single phase	Single phase	Single phase	Single phase	Single phase	Single phase	Single phase	
Consumption	Frequency	Hz	50	50	50	50	50	50	50	
	W		31/66/130	45/102/195	61/135/260	76/162/325	53/140/178	159/420/534	212/560/712	265/700/890
Degree of protection	IP	X0	X0	X0	X0	X0	X0	X0	X0	
Connections										
Hydraulic connections type		Eurokonus	Eurokonus	Eurokonus	Eurokonus	Eurokonus	Eurokonus	Eurokonus	Eurokonus	
Hydraulic connections	Inch	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
Condensate drainage connection	mm	20	20	20	20	20	20	20	20	
Intake air connection	mm	160	160	160	160	160	160	160	160	
Return air connection	Base x Height	mm	630 x 100	830 x 100	1030 x 100	1320 x 100	630 x 150	830 x 150	1030 x 150	
Dimension and weight										
Dimension	H x W x D	mm	185 x 790 x 575	185 x 990 x 575	185 x 1190 x 575	185 x 1440 x 575	240 x 790 x 695	240 x 990 x 695	240 x 1190 x 695	240 x 1440 x 695
Weight	kg		41	45	54	56	43	47	56	67

1) Fan standard factory set speeds. 2) According to Eurovent standard. Air: 27 °C DB/19 °C WB, chilled water: 7 °C/12 °C. 3) Pressure loss by corresponding nominal flow. 4) According to Eurovent standard. Air: 20 °C, hot water: 45 °C/40 °C.

Configure your own Aquarea Air Smart fan coil – Ducted multi zone thin / ducted multi zone unit

Fan coil with wall-mounted control	
Left-hand piping	Right-hand piping
P-FTQ30005-RE	P-FTQ30R05-RE
P-FTQ45005-RE	P-FTQ45R05-RE
P-FTQ60005-RE	P-FTQ60R05-RE
P-FTQ65005-RE	P-FTQ65R05-RE
P-FSQ30005-RE	P-FSQ30R05-RE
P-FSQ45005-RE	P-FSQ45R05-RE
P-FSQ60005-RE	P-FSQ60R05-RE
P-FSQ75005-RE	P-FSQ75R05-RE
Control (required, to be ordered separately)	With Modbus PCZ-EEB749 With integrated Wi-Fi PCZ-EFB749

Fan coil with PCB for analog control (0-10 V)	
Left-hand piping	Right-hand piping
P-FTQ30005-JE	P-FTQ30R05-JE
P-FTQ45005-JE	P-FTQ45R05-JE
P-FTQ60005-JE	P-FTQ60R05-JE
P-FTQ65005-JE	P-FTQ65R05-JE
P-FSQ30005-JE	P-FSQ30R05-JE
P-FSQ45005-JE	P-FSQ45R05-JE
P-FSQ60005-JE	P-FSQ60R05-JE
P-FSQ75005-JE	P-FSQ75R05-JE

Valve kits (optional)	
PCZ-V30361	3 way valve with motor

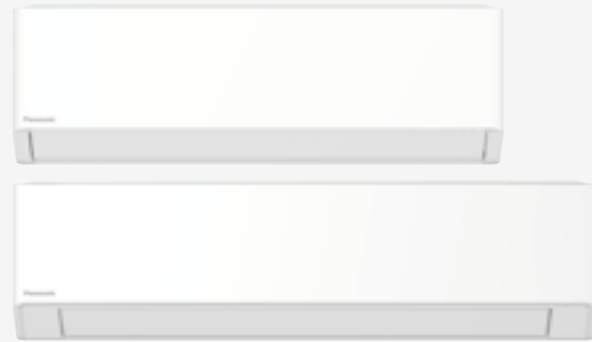
Valve kits (optional)	
PCZ-V20139	2 way valve with motor

Flex Air Smart fan coil – Wall-mounted DC fan – FK1

Fan coil wall units with new stylish design and nanoe™ X (Mark 3).

Cooling capacity: 1,9 to 5,2 kW.

Heating capacity: 2,2 to 5,3 kW.



Optional

nanoe™ X as a standard.



Optional controller. CONEX Series, white or black. CZ-RTC6W/BL/BLW2 or CZ-RTC6/BL/BLW2



Optional controller. Wired remote controller with Econavi function. CZ-RTC5B



Optional controller. Infrared remote controller for wall-mounted. CZ-RWS3

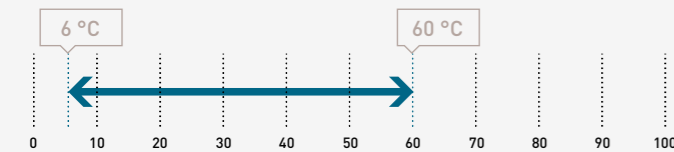


Optional controller. Wired remote controller. PAW-FC-903EC

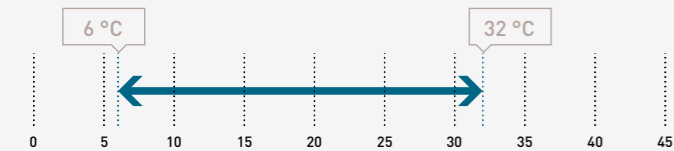
SEE PAGE 572 FOR MORE DETAILS ABOUT FAN COIL CONTROLLERS

Operating limits

Entering water temperature (without glycol).



Indoor air temperature.



Maximum operating pressure: 10 bar.

The range at a glance

- Versions (2-pipes): with and without 3 way valve
- 6 sizes
- DC fan for better efficiency and control
- Air flow from 360 to 1045 m³/h
- nanoe™ X technology to improve protection 24/7
- G1 cleanable air filter
- S-Link available - compatible with Panasonic controllers

Advantages

- Ideal for commercial and residential applications in combination with Aquarea Heat Pumps
- Modern stylish design with flat face and compact size
- Inner and outer motorized louvers with five-step positions
- Six directional piping outlet to adapt to different installations
- nanoe™ X (Generator Mark 3: 48 trillion hydroxyl radicals/sec) as standard for better indoor air quality
- Quieter operation than AC fan models
- Very easy servicing through a removable front panel
- Cleanable synthetic-type air filter
- Compatibility with a wide range of controllers

Accessories supplied loose

- CZ-RWS3 – infrared remote controller
- CZ-RTC5B – wired remote controller with Econavi function
- CZ-RTC6W – CONEX wired remote controller (non-wireless), white
- CZ-RTC6WBL – CONEX wired remote controller with Bluetooth®, white
- CZ-RTC6WBLW2 – CONEX wired remote controller with Wi-Fi and Bluetooth®, white
- CZ-RTC6 – CONEX wired remote controller (non-wireless), black
- CZ-RTC6BL – CONEX wired remote controller with Bluetooth®, black
- CZ-RTC6BLW2 – CONEX wired remote controller with Wi-Fi and Bluetooth®, black
- CZ-CENSC1 – Econavi energy saving sensor
- PAW-FC-903EC – wired remote controller
- CZ-64ESMC3 – system controller for 64 indoor units
- CZ-256ESMC3 – centralised controls up to 256 indoor units
- CZ-ANC3 – central ON / OFF controller, up to 16 groups, 64 indoor units

Technical performance

Flex Air Smart fan coil – Wall-mounted DC fan - FK1	Standard model	S-19FK1E0	S-24FK1E0	S-27FK1E0	S-36FK1E0	S-45FK1E0	S-52FK1E0
	With 3 way valve	S-19FK1E	S-24FK1E	S-27FK1E	S-36FK1E	S-45FK1E	S-52FK1E
Fan speed ¹⁾		Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max
2-pipes							
Total cooling capacity ²⁾	kW	1,40/1,65/1,90	1,92/2,17/2,41	2,02/2,51/2,73	2,65/3,11/3,61	3,02/3,78/4,50	4,03/4,63/5,23
Sensible capacity ²⁾	kW	1,10/1,35/1,54	1,50/1,71/1,91	1,59/2,00/2,19	2,12/2,52/2,98	2,25/2,84/3,41	3,04/3,51/4,02
Water flow ²⁾	l/h	250/295/342	344/389/432	362/449/489	473/556/648	539/680/809	724/830/908
Water pressure drop (coil only)	kPa	4/6/8	8/11/13	9/14/17	16/22/30	19/30/42	34/44/56
Water pressure drop (with 3 way valve) ²⁾	kPa	18/23/29	25/29/36	26/39/44	42/57/74	53/80/110	90/112/142
Air flow ²⁾	m³/h	230/276/345	324/361/416	343/434/480	462/572/710	488/603/753	637/753/879
Input power ²⁾	W	10/11/12	12/12/14	12/14/16	15/19/26	13/17/22	18/23/29
Sound pressure Lp ^{2) 3)}	dB(A)	27	26	29	39	35	40
Sound power Lw ²⁾	dB(A)	40	39	42	49	47	52
Heating capacity ⁴⁾	kW	1,59/1,92/2,23	1,97/2,39/2,72	2,18/2,64/3,01	2,89/3,48/4,03	3,09/4,21/5,13	4,03/4,72/5,33
Water flow ⁴⁾	l/h	281/329/381	339/417/481	379/463/533	508/614/715	544/740/898	710/827/931
Water pressure drop (coil only)	kPa	5/8/10	8/12/16	10/15/20	18/27/36	19/36/52	33/44/56
Water pressure drop (with 3 way valve) ⁴⁾	kPa	18/24/30	23/31/39	25/36/47	42/60/72	46/82/118	74/97/128
Air flow ⁴⁾	m³/h	253/314/406	343/425/489	379/471/545	517/646/765	511/730/925	672/810/960
Input power ⁴⁾	W	10/12/13	12/14/15	13/15/17	16/21/28	14/21/32	19/26/35
Sound pressure Lp ^{3) 4)}	dB(A)	24/27/29	22/26/29	23/28/32	30/36/41	28/36/42	34/39/43
Sound power Lw ⁴⁾	dB(A)	37/40/43	37/39/42	38/42/45	44/49/55	42/47/51	48/52/56
Water connections							
Connection type		Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded
	Inch	1/2	1/2	1/2	1/2	1/2	1/2
nanoe X Generator		Mark 3	Mark 3	Mark 3	Mark 3	Mark 3	Mark 3
Dimension and weight							
Dimension	H x W x D	mm	295 x 890 x 244	295 x 890 x 244	295 x 890 x 244	295 x 890 x 244	295 x 1060 x 249
Weight		kg	12	13	13	13	14

Energy efficiency class ⁵⁾

Flex Air Smart fan coil – Wall-mounted DC fan - FK1	2-pipes						
	FCEER ²⁾	A to E	B	B	B	B	A
	$\eta_{s,c}$	%	144,2	166,9	172,1	169,3	226,8
FCCOP ⁴⁾	A to E	B	B	B	B	B	B
$\eta_{s,h}$	%	160,0	167,0	170,5	173,4	208,5	198,0

1) Fan standard factory set speeds. 2) According to Eurovent standard. Air: 27 °C DB/19 °C WB, chilled water: 7 °C/12 °C. 3) The sound pressure of the indoor unit shows the value measured of a position of 1 m in front of the main body and 0,8 m below the unit. The sound pressure is measured in accordance with JIS C 9612. 4) According to Eurovent standard. Air: 20 °C, hot water: 45 °C/40 °C. 5) According to Eurovent.

Flex Air Smart fan coil – Wall-mounted.

Great flexibility and improved air quality for your projects.

Flex Air Smart fan coil – Wall-mounted unit is the first Panasonic water fan coil integrated with nanoe™ X technology for improved air quality and compatible with individual and centralised PACi NX/VRF controls.



nanoe™ X

COMPATIBILITY WITH PACi NX/VRF CONTROLS

QUIET OPERATION

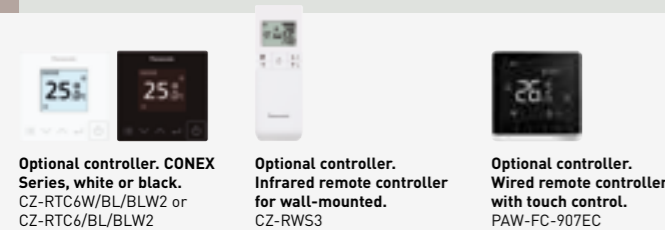
STYLISH DESIGN

MOTORIZED LOUVERS

COMPACT FOOTPRINT

NEW! Flex Air Smart fan coil – Medium static pressure duct DC fan – FF1**Fan coil medium static pressure ductable units with nanoe™ X (Mark 3).****Cooling capacity: 2,3 to 9,3 kW.****Heating capacity: 2,7 to 9,8 kW.**

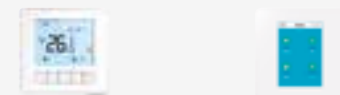
Optional



Optional controller. CONEX Series, white or black. CZ-RTC6W/BL/BLW2 or CZ-RTC6/BL/BLW2

Optional controller. Infrared remote controller for wall-mounted. CZ-RWS3

Optional controller. Wired remote controller with touch control. PAW-FC-907EC



Optional controller. Wired remote controller. PAW-FC-903EC

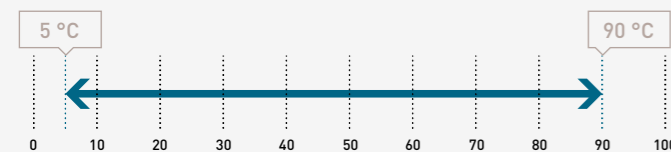


Optional controller. SRC - mini BMS controller.

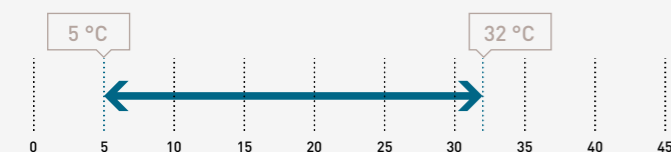
SEE PAGE 572 FOR MORE DETAILS ABOUT FAN COIL CONTROLLERS

**Operating limits**

Entering water temperature (without glycol).



Indoor air temperature.

**The range at a glance**

- Versions: 2-pipe and 4-pipe
- 7 sizes
- DC fan for better efficiency and control
- Air flow from 590 to 1500 m³/h
- External static pressure: 120 Pa
- nanoe™ X technology to improve protection 24/7
- S-Link available - compatible with Panasonic controllers

Advantages

- Ideal for commercial and residential applications with a low height for all sizes
- nanoe™ X (Generator Mark 3: 48 trillion hydroxyl radicals/sec) as standard for better indoor air quality
- Efficiency class: A in cooling and heating modes for all sizes
- Flexible hydraulic connection right/left and right electrical connection
- Air return and discharge configuration: In line (I) or from the same side (U)
- Different aeraulic plenum configurations: rectangular or Circular Ø200 mm
- Compatibility with a wide range of controllers
- G1 cleanable synthetic-type air filter
- Very easy servicing

Technical performance

Flex Air Smart fan coil*			S-23FF1E	S-28FF1E	S-40FF1E	S-50FF1E	S-70FF1E	S-80FF1E	S-93FF1E
Fan speed ¹⁾			Max	Max	Max	Max	Max	Max	Max
2-pipes									
Total cooling capacity	kW		2,30	2,80	4,00	5,00	7,00	8,00	9,30
Heating capacity	kW		2,70	3,30	4,20	5,20	7,50	8,30	9,80
4-pipes									
Total cooling capacity	kW		2,14	2,71	3,74	4,75	6,87	7,31	8,71
Heating capacity	kW		4,95	5,96	5,16	7,10	8,56	10,16	11,36
Ventilation									
Air flow	2-pipes	m ³ /h	590	680	576	980	1230	1180	1500
	4-pipes	m ³ /h	420	600	460	780	1110	1110	1360
External static pressure	Pa		120	120	120	120	120	120	120
Water connections									
Connection type			Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded
Water connections	Inch		1/2	1/2	1/2	3/4	3/4	3/4	3/4
Dimension and weight									
Dimension	HxWxD	mm	250x800x730	250x800x730	250x800x730	250x1000x730	250x1000x730	250x1400x730	250x1400x730
Weight	kg		26	26	33	33	33	47	47

Energy efficiency class⁶⁾

Flex Air Smart fan coil									
2-pipes	FCEER	A to E	A	A	A	A	A	A	A
	FCCOP	A to E	A	A	A	A	A	A	A
4-pipes	FCEER	A to E	A	A	A	A	A	A	A
	FCCOP	A to E	A	A	A	A	A	A	A

1) Fan standard factory set speeds (voltage). 2) According to Eurovent standard. Air: 27 °C DB/19 °C WB, chilled water: 7 °C/12 °C. 3) According to Eurovent standard. Air: 20 °C, hot water: 45 °C/40 °C. 4) According to Eurovent standard. Air: 20 °C, hot water: 65 °C/55 °C. 5) According to Eurovent 6/10 (air flow test method) and 8/12 (sound test method). 6) According to Eurovent. *Available in Summer 2026.

Accessories and options

2W or 3W – 2 way or 3 way valves

CB – Circuit breakers

PUMP – Drain pump

EH – Electric heaters (from 500 W to 2500 W)

Fresh air intake Ø 100 mm

FH – Fuse holder

Accessories and options

G2 / G3 / G4 filters

Other speeds configuration (standard factory set speeds in technical table)

Many air inlet/outlet configurations

HL/ER – Hydraulic left – electric right

HR/ER – Hydraulic right – electric right

Accessories supplied loose

SRC – Smart remote control – Mini building management system (only with Modbus RTU)

CZ-RTC6W – CONEX wired remote controller (non-wireless), white

CZ-RTC6WBL – CONEX wired remote controller with Bluetooth®, white

CZ-RTC6WBLW2 – CONEX wired remote controller with Wi-Fi and Bluetooth®, white

CZ-RTC6 – CONEX wired remote controller (non-wireless), black

Accessories supplied loose

CZ-RTC6BL – CONEX wired remote controller with Bluetooth®, black

CZ-RTC6BLW2 – CONEX wired remote controller with Wi-Fi and Bluetooth®, black

CZ-RWS3 + CZ-RWRC3 – Infrared remote controller and receiver

PAW-FC-907EC – Wired remote controller with touch control

PAW-FC-903EC – Wired remote controller

KIT REMOTE SENSOR – Remote sensor for ducted unit

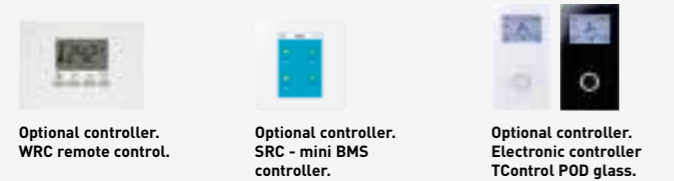
AC SELECT.**Smart and user-friendly selection tool.**Configure your air conditioning solution at required conditions: <https://acselect.panasonic.eu/>

Flex Air fan coil – Comfort AC fan

Fan coil floor and ceiling units with cooling and heating.

Cooling capacity: 0,6 to 6,9 kW.

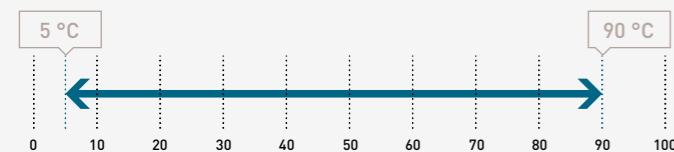
Heating capacity: 0,6 to 7,4 kW.



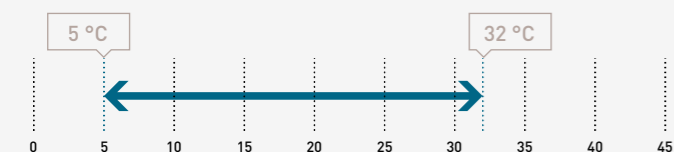
SEE PAGE 572 FOR MORE DETAILS ABOUT FAN COIL CONTROLLERS

Operating limits

Entering water temperature (without glycol).



Indoor air temperature.



AC SELECT.

Smart and user-friendly selection tool.

Configure your air conditioning solution at required conditions: <https://acselect.panasonic.eu/>

The range at a glance

- Versions: 2-pipes, 2-pipes + electric heater and 4-pipes
- 7 sizes
- 5-speed AC fan - standard factory set speeds: S1,S3,S5
- Air flow from 94 to 1064 m³/h
- Configuration: universal installation units (vertical or horizontal) with or without cabinet
- Left or right water connections
- Many air inlet/outlet configurations
- G2 air filter (G3 as an option)

Advantages

- Silent units
- New casing design for an increased robustness
- Harmonious and aesthetic RAL 9003 painted cabinet
- Valves, condensate drain pan and drain pump factory mounted
- 100% factory tested

Accessories and options

2W or 3W – 2 way or 3 way valves
4-pipes kit (additional coil)
CB – Circuit breakers
PUMP – Drain pump
EH – Electric heaters (from 500 W to 2500 W)
FC/FCG – Feet with/without grid
FH – Fuse holders
G3 filter
DG – Horizontal or vertical drain guard (with valve)
Many air inlet/outlet configurations
C/O – Electromechanical sensor for automatic changeover

Technical performance

Flex Air fan coil – Comfort AC fan		P-FC10	P-FC20	P-FC30	P-FC40	P-FC50	P-FC60	P-FC70	
Fan speed ¹⁾		Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	
2-pipes									
Total cooling capacity ²⁾	kW	0,66/1,00/1,45	0,61/0,96/1,38	0,95/1,88/2,37	1,14/2,28/3,02	1,71/3,16/4,64	2,57/4,33/5,53	3,24/5,84/6,91	
Sensible capacity ²⁾	kW	0,48/0,77/1,05	0,43/0,70/1,02	0,78/1,44/1,80	0,83/1,66/2,23	1,24/2,23/3,27	1,81/3,14/4,25	2,26/4,11/4,85	
Water flow ²⁾	l/h	114/172/250	105/165/238	164/324/408	196/393/520	295/544/799	443/746/953	558/1006/1190	
Water pressure drop ²⁾³⁾	kPa	9,17/19,5/39,1	2,65/4,62/7,43	5,8/17,6/26,3	17,0/21,5/35,2	7,5/22,8/47,1	12,6/33,9/54,4	4,4/13,9/19,4	
Heating capacity ⁴⁾	kW	0,63/1,18/1,71	0,63/1,03/1,53	1,00/1,86/2,49	1,14/2,28/3,18	1,79/3,47/4,81	2,45/4,22/5,63	3,45/6,27/7,41	
Water flow ⁴⁾	l/h	109/203/295	109/177/264	172/320/429	196/393/548	308/598/829	422/727/970	594/1080/1276	
Water pressure drop ³⁾⁴⁾	kPa	5,9/17,3/33,8	2,76/5,06/8,54	5,8/16,2/27,0	5,0/15,6/28,1	6,1/20,7/38,5	18,6/52,4/91,4	4,9/16,0/22,3	
4-pipes									
Total cooling capacity ²⁾	kW	0,63/0,88/1,24	0,87/1,34/1,73	0,91/1,80/2,28	0,98/2,14/2,85	1,57/2,88/4,13	2,60/4,39/5,61	3,17/5,62/6,58	
Sensible capacity ²⁾	kW	0,46/0,67/0,91	0,65/1,02/1,36	0,75/1,39/1,74	0,71/1,57/2,10	1,14/2,04/2,92	1,82/3,18/4,28	2,21/3,96/4,62	
Water flow ²⁾	l/h	109/152/214	150/231/298	157/310/393	169/369/491	270/496/711	448/756/966	546/968/1133	
Water pressure drop ²⁾³⁾	kPa	7,6/13,9/26,3	2,33/4,44/6,64	2,8/8,6/13,1	5,8/20,5/33,6	3,9/11,6/22,8	10,2/27,7/44,5	5,3/16,2/22,1	
Heating capacity ⁵⁾	kW	0,63/1,00/1,41	1,00/1,40/1,68	1,28/1,81/2,13	1,22/2,21/2,85	2,01/3,19/4,08	2,71/4,24/5,33	3,65/5,00/5,90	
Water flow ⁵⁾	l/h	54/86/121	86,1/121/145	110/156/183	105/190/245	173/275/351	233/365/459	314/431/508	
Water pressure drop ³⁾⁵⁾	kPa	1,2/2,1/3,3	1,15/2,2/3,12	2,8/4,7/6,1	5,1/13,9/21,8	5,7/12,5/19,4	11,6/24,8/37	35,4/60,7/81,2	
Sound levels									
Sound power	2-pipes	dB(A)	33/40/49	31/43/50	30/45/52	43/47/51	34/43/56	38/51/58	43/56/61
	4-pipes	dB(A)	33/40/49	31/43/50	30/45/52	33/44/51	34/46/56	38/51/58	43/56/61
Sound pressure ⁶⁾	2-pipes	dB(A)	24/31/40	22/34/41	21/36/43	21/35/42	25/37/47	29/42/49	34/47/52
	4-pipes	dB(A)	24/31/40	22/34/41	21/36/43	21/35/42	25/37/47	29/42/49	34/47/52
NR ⁴⁾	2-pipes		19/26/35	17/29/36	16/31/38	16/30/37	20/32/42	24/37/44	29/42/47
	4-pipes		19/26/35	17/29/36	16/31/38	16/30/37	20/32/42	24/37/44	29/42/47
Ventilation									
Number of fans			1	1	1	2	2	2	
Air flow	2-pipes	m ³ /h	94/190/283	68/104/196	138/274/390	270/311/417	253/486/716	350/640/933	480/893/1064
	4-pipes	m ³ /h	95/168/253	89/161/241	132/263/369	148/335/467	242/466/671	334/614/885	470/859/1012
Filter			G2	G2	G2	G2	G2	G2	
Electrical data									
Power supply	Voltage	V	230	230	230	230	230	230	
	Phase		Single phase	Single phase	Single phase	Single phase	Single phase	Single phase	
Consumption	Frequency	Hz	50/60	50/60	50/60	50/60	50/60	50/60	
	2-pipes	W	13/24/36	13/18/31	16/37/45	15/37/56	28/55/72	37/75/105	53/100/147
4-pipes	W	13/24/36	11/18/28	16/37/44	15/37/55	28/54/70	37/74/104	53/99/145	
Electric heater	W		500	500	500/1000	1250	1250/2500	1250/2500	
Water connections									
Connection type			Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	Female gas threaded	
2 or 4-pipes	Cooling	Inch	1/2	1/2	1/2	1/2	1/2	3/4	
	Heating	Inch	1/2	1/2	1/2	1/2	1/2	1/2	
4-pipes	Cooling	Inch	1/2	1/2	1/2	1/2	1/2	1/2	
	Heating	Inch	1/2	1/2	1/2	1/2	1/2	1/2	
Dimension									
With cabinet - without feet	H x W x D	mm	477 x 766 x 225	477 x 766 x 225	477 x 951 x 225	477 x 1136 x 225	477 x 1321 x 225	477 x 1506 x 225	575 x 1319 x 225
Without cabinet	H x W x D	mm	430 x 570 x 220	430 x 570 x 220	430 x 753 x 220	430 x 938 x 220	430 x 1122 x 220	430 x 1307 x 220	530 x 1121 x 220
Weight									
With cabinet	2 / 4-pipes	kg	19/20	19/20	22/23	27/29	30/32	35/37	
Without cabinet	2 / 4-pipes	kg	13/14	13/14	15/16	20/22	22/24	26/28	

Energy efficiency class ⁷⁾

Flex Air fan coil – Comfort AC fan		FCEER	A to E	E	E	D	D	D	D
2-pipes	FCEER	A to E	E	E	D	D	D	D	D
	FCCOP	A to E	E	E	E	E	E	E	E
4-pipes	FCEER	A to E	E	D	D	D	E	D	D
	FCCOP	A to E	E	D	D	D	E	E	E

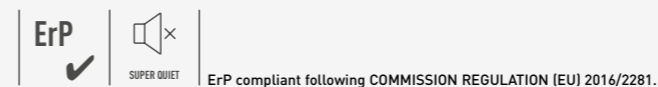
1) Fan standard factory set speeds. 2) According to Eurovent standard. Air: 27 °C DB/19 °C WB, chilled water: 7 °C/12 °C. 3) Pressure loss by corresponding nominal flow. 4) According to Eurovent standard. Air: 20 °C, hot water: 45 °C/40 °C. 5) According to Eurovent standard. Air: 20 °C, hot water: 65 °C/55 °C. 6) Informative data, considering a hypothetical sound attenuation of the room and installation of 9 dB(A). 7) According to Eurovent. *Standard configuration with left hand hydraulic connection. G2 air filter included as standard.

Accessories supplied loose

KIT Plogic – Kit Plogic control board
KIT BRC – Kit basic remote control (only with Plogic control board)
KIT WRC – Kit wall-mounted remote control LCD (only with Plogic control board)
KIT MB2 – Kit Plogic Modbus board
Other speeds configuration (standard factory set speeds in technical table)
SRC – Smart remote control – Mini building management system (only with Modbus RTU)
Suspension kit
TCEASY 2P/4P – Kit controller, HMI-integrated, 2-pipe, 4-pipe, AC fan speed

Accessories supplied loose

TCEASY 2P+C/O – Kit controller, HMI-integrated, 2-pipe + changeover, AC fan speed
TCPOD WHITE (BLACK) 2P/4P – Kit controller, Modbus, HMI-integrated, 2-pipe, 4-pipe, EC fan speed, white (black)
TCPOD WHITE (BLACK) 2P+EH – Kit controller, Modbus, HMI-integrated, 2-pipe+ electrical heater, EC fan speed, white (black)
PAW-FC-907AC – Wired remote controller with touch control
PAW-FC-903AC – Wired remote controller
PAW-FC-RC1 – Advanced wired remote controller



The range belong to fan coil commercial policy.

Flex Air fan coil – Comfort EC fan

Fan coil floor and ceiling units with cooling and heating.

Cooling capacity: 0,5 to 9,1 kW.

Heating capacity: 0,6 to 12,9 kW.



Optional controller. WRC remote control.



Optional controller. SRC - mini BMS controller.



Optional controller. Electronic controller TControl POD glass.



Optional controller. Electronic controller TControl EASY 3S.



Optional controller. Wired remote controller with touch control. PAW-FC-907EC



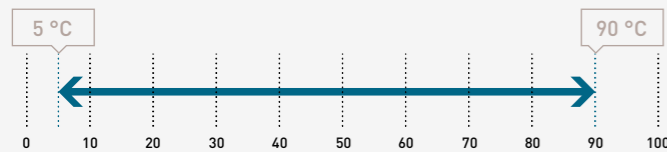
Optional controller. Wired remote controller. PAW-FC-903EC

SEE PAGE 572 FOR MORE DETAILS ABOUT FAN COIL CONTROLLERS

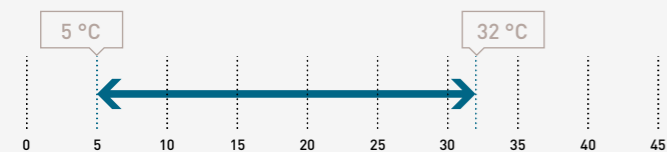


Operating limits

Entering water temperature (without glycol).



Indoor air temperature.



AC SELECT.

Smart and user-friendly selection tool.

Configure your air conditioning solution at required conditions: <https://acselect.panasonic.eu/>

The range at a glance

- Versions: 2-pipes, 2-pipes + electric heater and 4-pipes
- 8 sizes
- Low energy consumption EC fan: 100% controllable via a 0-10 V signal or 3 operating speeds
- Air flow from 91 to 1548 m³/h
- Configuration: universal installation units (vertical or horizontal) with or without cabinet
- Left or right water connections
- Many air inlet/outlet configurations
- G2 air filter (G3 as an accessory)

Advantages

- Excellent performances: FCEER and FCCOP up to "A"
- Silent units
- New casing design for an increased robustness
- Harmonious and aesthetic RAL 9003 painted cabinet
- Valves, condensate drain pan and drain pump factory mounted
- 100% factory tested

Accessories and options

- 2W or 3W – 2 way or 3 way valves
- 4-pipes kit (additional coil)
- CB – Circuit breakers
- PUMP – Drain pump
- EH – Electric heaters (from 500 W to 2500 W)
- FC/FCG – Feet with/without grid
- FH – Fuse holders
- G3 filter
- DG – Horizontal or vertical drain guard (with valve)
- Many air inlet/outlet configurations
- C/O – Electromechanical sensor for automatic changeover

Technical performance

Flex Air fan coil – Comfort EC fan		P-FC10	P-FC20	P-FC30	P-FC40	P-FC50	P-FC60	P-FC70	P-FC80	
Fan speed ¹⁾		Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	Min / Med / Max	
2-pipes										
Total cooling capacity ²⁾	kW	0,59/1,16/1,96	0,48/0,84/1,31	0,67/1,41/1,83	1,34/2,93/4,19	1,15/2,59/3,41	1,98/4,45/5,24	2,30/4,29/5,91	4,59/6,13/8,36	
Sensible capacity ²⁾	kW	0,48/1,00/1,76	0,36/0,65/1,03	0,47/1,04/1,34	0,95/2,10/3,00	0,79/1,72/2,25	1,35/3,51/4,02	1,91/4,10/4,96	3,32/4,51/6,28	
Water flow ²⁾	l/h	102/200/338	105/226/365	141/336/505	231/505/722	231/615/858	341/767/903	439/958/1128	791/1056/1440	
Water pressure drop ^{2) 3)}	kPa	7,5/25,7/69,5	1,4/4,3/9,3	5,9/21,8/42,9	6,4/24,3/46,3	4,9/28,7/53,9	7,8/35,8/49,0	2,7/12,6/17,5	14,1/21,4/37,6	
Heating capacity ⁴⁾	kW	0,67/1,30/2,31	0,68/1,04/2,52	0,80/1,72/2,66	1,11/2,48/4,46	1,38/3,89/5,19	1,95/4,93/5,82	3,05/5,81/7,17	4,21/5,80/8,43	
Water flow ⁴⁾	l/h	115/224/398	117/264/434	138/296/458	191/427/768	238/670/894	336/849/1002	525/1001/1235	798/1101/1598	
Water pressure drop ^{3) 4)}	kPa	6,5/20,6/59,1	1,7/5,5/12,4	4,1/14,2/30,4	4,8/18,1/51,9	3,8/25,7/44,6	12,2/70,7/97,5	3,9/13,8/20,9	14,4/23,1/45,6	
4-pipes										
Total cooling capacity ²⁾	kW	0,40/0,64/1,41	0,57/1,20/2,18	0,75/1,84/2,93	1,03/2,20/3,52	1,17/3,45/4,39	1,69/3,90/4,69	2,44/4,88/6,06	4,44/5,86/9,07	
Sensible capacity ²⁾	kW	0,30/0,51/1,24	0,43/0,96/1,76	0,55/1,44/2,28	0,73/1,57/2,58	0,92/2,61/3,28	1,12/3,05/3,63	1,83/3,61/4,53	3,20/4,31/6,84	
Water flow ²⁾	l/h	68,9/109/243	98,2/207/376	129/317/505	177/379/606	202/594/756	291/672/808	420/841/1044	765/1009/1562	
Water pressure drop ^{2) 3)}	kPa	5,2/10,5/40,1	1,3/3,8/9,7	4,0/13,7/28,0	9,3/27,8/58,9	2,3/16,2/25,6	4,6/22,0/31,4	3,2/12,3/18,8	18,8/30,6/67,2	
Heating capacity ⁵⁾	kW	0,61/1,13/1,87	0,79/1,33/2,09	1,41/2,01/2,77	1,57/2,49/3,62	2,18/3,34/4,10	1,81/4,05/4,81	3,45/4,67/5,53	5,74/7,99/12,90	
Water flow ⁵⁾	l/h	52,5/97,3/161	68/115/180	121/173/239	135/214/312	188/288/353	156/349/414	297/402/476	494/688/1111	
Water pressure drop ^{3) 5)}	kPa	1,1/2,4/4,8	<1/2,0/4,8	7,9/12,3/18,6	10,9/22,2/41,1	6,5/13,6/19,6	16,1/45,3/57,5	32,2/53,9/72,4	19,2/34,5/83,1	
Sound levels										
Sound power	2-pipes	dB(A)	34/47/60	34/47/60	31/50/59	29/44/52	30/51/57	32/54/58	45/57/59	51/56/64
	4-pipes	dB(A)	34/43/54	34/47/60	31/50/59	29/44/56	32/51/57	32/54/58	46/57/64	51/56/64
Sound pressure ⁶⁾	2-pipes	dB(A)	25/38/51	25/38/51	22/41/50	20/35/43	21/42/48	23/45/49	31/45/50	42/47/55
	4-pipes	dB(A)	25/34/45	25/38/51	22/41/50	20/35/43	21/42/48	23/45/49	31/45/50	42/47/55
NR ⁴⁾	2-pipes		20/33/46	20/33/46	17/36/45	15/30/38	16/37/43	18/40/44	26/40/45	37/42/50
	4-pipes		20/29/40	20/33/46	17/36/45	15/30/38	16/37/43	18/40/44	26/40/45	37/42/50
Ventilation										
Number of fans			1	1	1	2	2	2	3	
Air flow	2-pipes	m ³ /h	108/228/417	98/134/227	119/257/345	170/412/678	203/577/816	245/737/912	350/641/894	500/680/1063
	4-pipes	m ³ /h	76/110/226	84/200/380	123/297/540	148/298/524	185/587/755	205/668/845	329/798/989	660/884/1548
Filter			G2	G2	G2	G2	G2	G2	G2	
Electrical data										
Power supply	Voltage	V	230	230	230	230	230	230	230	
	Phase		Single phase	Single phase	Single phase	Single phase	Single phase	Single phase	Single phase	
Consumption	Frequency	Hz	50/60	50/60	50/60	50/60	50/60	50/60	50/60	
	2-pipes	W	7/12/41	7/13/41	6/16/42	2/13/43	4/23/46	4/30/54	12/35/77	23/42/108
4-pipes	W	5/7/17	7/13/40	6/14/40	2/11/39	4/23/44	4/28/52	13/37/84	22/41/116	
Electric heater	W		500	500	500/1000	1250	1250/2500	1250/2500	1250/2500	
Water connections										
Connection type	Female gas threaded									
	2 or 4-pipes	Cooling	Inch	1/2	1/2	1/2	1/2	1/2	3/4	3/4
4-pipes	Heating	Inch	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
Dimension										
With cabinet - without feet	H x W x D	mm	477 x 766 x 225	477 x 766 x 225	477 x 951 x 225	477 x 1136 x 225	477 x 1321 x 225	477 x 1506 x 225	575 x 1319 x 225	575 x 1506 x 225
Without cabinet	H x W x D	mm	430 x 570 x 220	430 x 570 x 220	430 x 753 x 220	430 x 938 x 220	430 x 1122 x 220	430 x 1307 x 220	530 x 1121 x 220	530 x 1316 x 220
Weight										
With cabinet	2 / 4-pipes	kg	19/20	19/20	22/23	27/29	30/32	35/37	35/37	47/49
Without cabinet	2 / 4-pipes	kg	13/14	13/14	15/16	20/22	22/24	26/28	27/29	38/40

Energy efficiency class ⁷⁾

Flex Air fan coil – Comfort EC fan	FCEER	A to E	C	D	B	A	A	A	B	B
2-pipes	FCEER	A to E	C	D	B	A	A	A	B	B
	FCCOP	A to E	D	D	C	B	A	B	B	C
4-pipes	FCEER	A to E	C	C	B	A	B	B	B	A
	FCCOP	A to E	C	C	B	A	B	B	B	A

1) Fan standard factory set speeds (voltage). 2) According to Eurovent standard. Air: 27 °C DB/19 °C WB, chilled water: 7 °C/12 °C. 3) Pressure loss by corresponding nominal flow. 4) According to Eurovent standard. Air: 20 °C, hot water: 45 °C/40 °C. 5) According to Eurovent standard. Air: 20 °C, hot water: 65 °C/55 °C. 6) Informative data, considering an hypothetical sound attenuation of the room and installation of 9 dB(A). 7) According to Eurovent. *Standard configuration with left hand hydraulic connection. G2 air filter included as standard.

Accessories supplied loose

- KIT Plogic – Kit Plogic control board
- KIT BRC – Kit basic remote control (only with Plogic control board)
- KIT WRC – Kit wall-mounted remote control LCD (only with Plogic control board)
- KIT MB2 – Kit Plogic Modbus board
- Other speeds configuration (standard factory set speeds in technical table)
- SRC – Smart remote control – Mini building management system (only with Modbus RTU)
- Suspension kit
- TCEASY 2P/4P – Kit controller, HMI-integrated, 2-pipe, 4-pipe, AC fan speed

Accessories supplied loose

- TCEASY 2P+C/O – Kit controller, HMI-integrated, 2-pipe + changeover, AC fan speed
- TCPOD WHITE (BLACK) 2P/4P – Kit controller, Modbus, HMI-integrated, 2-pipe, 4-pipe, EC fan speed, white (black)
- TCPOD WHITE (BLACK) 2P+EH – Kit controller, Modbus, HMI-integrated, 2-pipe+ electrical heater, EC fan speed, white (black)
- PAW-FC-907AC/EC – Wired remote controller with touch control
- PAW-FC-903AC/EC – Wired remote controller
- PAW-FC-RC1 – Advanced wired remote controller



ErP compliant following COMMISSION REGULATION (EU) 2016/2281.



Storage tanks for heating and DHW

Buffer tanks



NEW

Model	PAW-BTANK50L-2	PAW-BTANK100L	PAW-BTANKG200L	PAW-BTANKG260L	PAW-BC50FAE	PAW-BC80FAE	PAW-BC100FAE	
Water volume	L	48	100	194	252	500	800	1000
Energy losses	W							
Energy efficiency class (from A+ to F)		B	B	B	C	C	C	C
Material	Stainless steel	Stainless steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel	
Electric heater	kW	—	—	—	Optional PAW-HT9F24AE8	Optional PAW-HT9F24AE8	Optional PAW-HT9F24AE8	
Jacket	Included	Included	Included	Included	PAW-JKBC50FAE	PAW-JKBC80FAE	PAW-JKBC100FAE	
Dimension (Height / Diameter)	mm	636 / 430	1175 / 430	983 / 620	1239 / 620	1725 / 650	1785 / 790	2135 / 790
Net weight	kg	13	22	41	46	85	107	132

*Automatic air vent and drain cock are included. Built-in pocket sensor (sensor not included). **50 and 100 L Buffer Tanks are produced by OSO. 200 and 260 L Buffer Tanks are produced by Lapesa. 500, 800 and 1000 L Buffer Tanks are produced by Austria Email.

Accessories

PAW-HT9F24AE8

Adjustable 3 phase electric heater D240 mm. Selectable output: 9,00 / 7,50 / 6,00 kW. Compatible with PAW-TE75H1AEAN, PAW-TE90H1AEAN, PAW-BC50FAE, PAW-BC80FAE and PAW-BC100FAE

Accessories

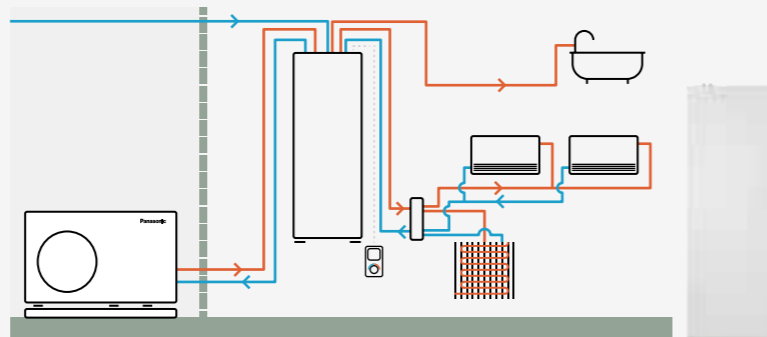
PAW-JKBC50FAE Jacket for 500 L buffer tank (PAW-BC50FAE)

PAW-JKBC80FAE Jacket for 800 L buffer tank (PAW-BC80FAE)

PAW-JKBC100FAE Jacket for 1000 L buffer tank (PAW-BC100FAE)

Combo tanks

The best option to combine with Mono-bloc units. DHW tank with buffer tank. Designed for retrofit applications, the DHW tank with a buffer tank is particularly suitable for fast integration on an existing installation. Easy to install, nice looking, high-efficiency for DHW production and for heating.



Model	PAW-TD20B8E3-2		PAW-TD23B6E5	
Material	Enamelled		Stainless steel	
Dimension HxWxD	mm 1770x640x690		1750x600x646	
Weight (empty)	kg 150		111	
Water volume	L 185 + 80		230 + 60	
Power supply	V, Phase, Hz 230, 1, 50		230, 1, 50	
	Hot water tank	Buffer tank	Hot water tank	Buffer tank
Water volume	L 185	80	230	60
Energy efficiency class (from A+ to F) ¹⁾	B	B	B	A
Max working pressure	MPa (bar) 0,8 (8)	0,6 (6)	1,0 (10)	0,3 (3,0)
Pressure test	MPa (bar) 1,2 (12)	0,9 (9)	1,5 (15)	0,39 (3,9)
Max working temp	°C 90	90	80	80
Connections	mm Ø22	Ø22	Ø22	Ø22, copper
Material	S 275 JR vitrified		EN 14521	
Insulation	Material, t=mm	PUR, 50	PUR, 40	PUR, 50
Heating coil surface	m ²	2,1	—	1,8
Electric heater	W	3000	—	2800
Energy loss at 65 °C ²⁾	kWh/24h	1,3	—	1,25
Standing loss	W	53	46	52
				29

1) EU Regulation 812/2013. 2) Tested pursuant to EN 12897:2006. *Enamelled Combo tank is produced by Lapesa. Stainless steel Combo tank is produced by OSO.

Enamelled DHW tanks

- Optional 3 way valve accessory
- 20 m temperature sensor cable included
- 2 Years warranty of the inner vessel

DHW tanks certified with selected outdoor units. See certifications at: www.heatpumpkeymark.com



NEW

Model	PAW-	TA15C1E5	TA20C1E5STD	TA30C1E5STD	TA30C2E5STD	TA40C1E5STD	TE50H1AE	TE75H1AEAN	TE90H1AEAN
Water volume	L	167	200	290	350	380	500	750	900
Maximum water temperature	°C	90	95	95	95	95	95	95	95
Dimension (Height / Diameter)	mm	1297 / 560	1340 / 610	1800 / 610	1835 / 670	1835 / 670	1806 / 760	2000 / 1000 ¹⁾	2350 / 1000 ¹⁾
Weight / filled with water	kg	88 / 255	90 / 280	120 / 389	169 / 519	191 / 572	254 / 754	317 / 1067	374 / 1274
Electric heater	kW	—	3,00	3,00	3,00	3,00	Optional PAW-HT6F18AE8	Optional PAW-HT9F24AE8	Optional PAW-HT9F24AE8
Jacket		Included	Included	Included	Included	Included	Included	PAW-JKTE75H1AE	PAW-JKTE90H1AE
Power supply	V	—	230	230	230	230	—	—	—
Material		Enamelled	Enamelled	Enamelled	Enamelled	Enamelled	Enamelled	Enamelled	Enamelled
Vessel protection (anode type)		Magnesium	Magnesium	Magnesium	Magnesium	Magnesium	Magnesium	Electronic	Electronic
Number of coils		1	1	1	2 (solar + heat pump)	1	1	1	5
Exchange surface	m ²	1,8	1,8	2,6	3,5 / 1,2	3,8	6	6	7,5
Energy loss at 65 °C ²⁾	kWh/24h	1,08	1,37	1,61	1,76	1,76	1,90	2,56	2,87
Energy losses	W	45	57	67	73	73	79	107	120
Energy efficiency class (from A+ to F)		B	B	B	B	B	B	C	C

1) Including Jacket. 2) Insulated tested under EN12897. *Refer to the service manual for further details. **PAW-TA15C1E5 is produced by Lapesa. All other Enamelled tanks are produced by AEmail.

Accessories

PAW-HT6F18AE8

Adjustable 3 phase electric heater D180 mm. Selectable output: 6,00 / 4,00 / 3,00 kW. Compatible with PAW-TE50H1AE

PAW-HT9F24AE8

Adjustable 3 phase electric heater D240 mm. Selectable output: 9,00 / 7,50 / 6,00 kW. Compatible with PAW-TE75H1AEAN, PAW-TE90H1AEAN, PAW-BC50FAE, PAW-BC80FAE and PAW-BC100FAE

Accessories

PAW-JKTE75H1AE Jacket for 750 L DHW tank (PAW-TE75H1AEAN)

PAW-JKTE90H1AE Jacket for 900 L DHW tank (PAW-TE90H1AEAN)

Stainless steel DHW tanks

- Optional 3 way valve accessory
- 20 m temperature sensor cable included
- 2 Years warranty
- No maintenance required



Model	PAW-TD20C1E5-1	PAW-TD30C1E5-1	PAW-TD30C1E5HI-1	
Water volume	L	192	284	280
Maximum water temperature	°C	75	75	75
Energy losses	W	42	49	49
Energy efficiency class (from A+ to F)	A	A	A	
Material	Stainless steel			
Electric heater	kW 1,5			
Dimension (Height / Diameter)	mm 1270 / 595			
Weight / filled with water	kg 50 / —			
Power supply	V 230			
Exchange surface	m ² 1,8			
Energy loss at 65 °C ¹⁾	kWh/24h 1,01			

1) Insulated tested under EN12897. *Stainless steel tanks are produced by OSO.

Accessories for sanitary tanks

PAW-3WYVLV-HW 3 way valve for DHW tanks

CZ-NV1 3 way valve kit to fit inside the hydrokit. H and J Series

CZ-NV2 3 way valve kit to fit inside the hydrokit. K and L Series

Accessories for sanitary tanks

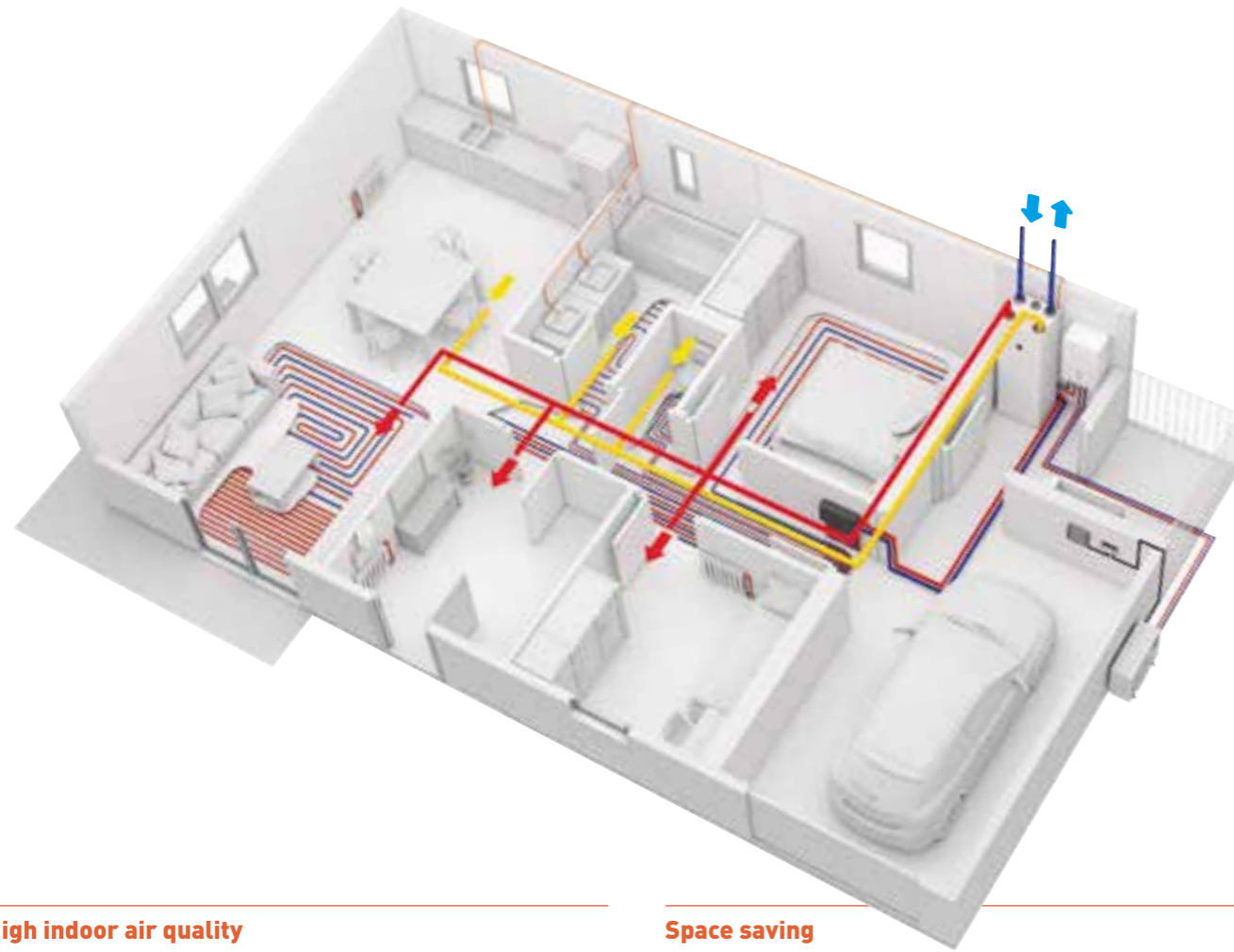
CZ-NV3 3 way valve kit to fit inside the hydrokit. M Series

PAW-EANODE2 Impressed current anode for 200 L Stainless steel tanks

PAW-EANODE3 Impressed current anode for 300 L Stainless steel tanks

Heat recovery ventilation unit

The heat recovery ventilation unit is design not only to provide a good indoor air quality, but it is also designed to recover heat that would otherwise be lost throughout ventilation. These heat recovery ventilation systems are used to assist in the retention of heat.



High indoor air quality

The unit is designed to provide fresh filtered air into the home, while keeping a high thermal comfort.

Energy saving

Most of the energy from the exhausted air is used to precondition the incoming air, leading to lower heating requirements in the building.

Space saving

The compact ventilation unit can be installed over the DHW square tank or the Aquarea All in One Compact indoor unit for an space saving solution.

Better user interface

The Residential ventilation unit and the Aquarea Heat Pumps can be controlled with one single user-friendly controller.

AQUAREA

Combine the Residential ventilation unit with Panasonic Aquarea for an space saving and highly efficient solution for heating, cooling, ventilation and DHW.



Heat Recovery Ventilation + Aquarea All in One Compact.

*The unit can be mounted on a All in One indoor unit (K, L or M Series) or installed on the wall (PAW-VEN-WBRK is needed).



Heat recovery ventilation unit



Model	PAW-A2W-VENTA-R	PAW-A2W-VENTA-L
Nominal air flow rate	m ³ /h	204 @ 50 Pa
Maximum air flow rate	m ³ /h	292 @ 100 Pa
SPF		1,24 @ 204 m ³ /h
Heat exchanger rotor drive type		Variable speed
Exchanger type		Rotating
Heat recovery efficiency		84%
Power supply	V / Hz	230 / 50 / Single phase
Power consumption	W	176
Energy class, basic unit		A
Energy class, unit with local control on demand		A
Noise level	dB(A)	40
Dimension (HxWxD)	mm	450 x 598 x 500
Weight	kg	46
Mounting position		Vertical
Supply side		Right
Duct connections	mm	DN125
Filter class, supply air		F7/ePM1 60%
Filter class, extract air		M5/ePM10 50%
Minimum outdoor temperature	°C	-20

*Heat recovery efficiency according to EN 13141-7. **Heat recovery ventilation unit is produced by Systemair.

Accessories

PAW-VEN-FLTKIT	Supply and extract filters kit
PAW-VEN-ACCPCB	Optional PCB for additional functions
PAW-VEN-DPL	HRV touch control panel. White frame (cable must be ordered separately)
PAW-VEN-CBLEXT12	Cable with plug for electrical connection between unit and control panel, type CE and CD (12 m)
PAW-VEN-DIVPLG	Twin plugs for installation of several control panels type CD or CE for one unit

Accessories

PAW-VEN-DPLBOX	HRV touch control panel wall-mounted kit
PAW-VEN-S-CO2RH-W	CO ₂ RH wall-mounted sensor
PAW-VEN-S-CO2-W	CO ₂ wall-mounted sensor
PAW-VEN-S-CO2-D	CO ₂ duct sensor
PAW-VEN-WBRK	Wall bracket kit for stand-alone installation on the wall
PAW-VEN-HTR06	Electrical duct heater 0,6 kW (includes relay)
PAW-VEN-HTR12	Electrical duct heater 1,2 kW (includes relay)

Main features of the residential ventilation unit

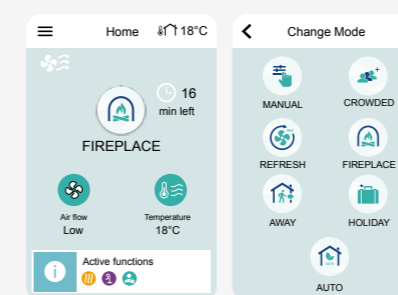
- Designed for areas up to approximately 140 m²
- High energy efficiency rotary heat exchanger with EC - technology fans
- Moisture transfer function to minimize condensation in supply air during wintertime
- The built in humidity sensor in extract air can be used for demand control
- Control via touch display and Startup Wizard for easy commissioning

- Modbus communication via RS-485
- Option to control an Aquarea H Series onwards heat pump from PAW-A2W-VENTA control panel Modbus gateway (PAW-AZAW-MBS-M, PAW-AW-MBS-M, CZ-NSMB-C or CZ-NSMB) and PAW-VEN-ACCPCB required

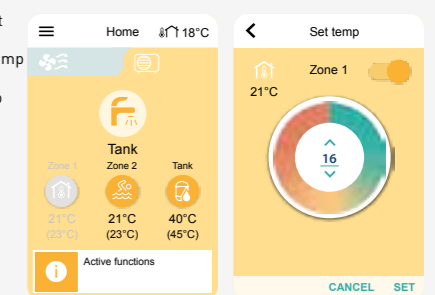
Control user-friendly interface

All settings and features accessible via a control panel, integrated into the front cover. The option for connecting one or more external control panels is available.

- Color touch screen with a user-friendly interface
- MANUAL and AUTO mode or choose preferred settings from the pre-configured user modes



- If Aquarea H and J Series heat pumps are connected with PAW-A2W-VENTA, the heat pump control options appear on the home screen in a separate tab



Aquarea Vent - Counter flow ventilation

Aquarea Vent systems provide a continuous supply of fresh air, ensuring optimal indoor air quality and comfort. Ideal for single-family homes or apartments with low energy requirements, Panasonic's HRV systems combine high-efficiency heat recovery, quiet operation, and advanced air filtration with flexible installation options.



Aquarea Vent - Counter flow ventilation units



REFER TO PAGE 143 FOR THE COMPLETE LIST OF FILTERS AND ACCESSORIES FOR AIR DISTRIBUTION AND DIFFUSION SYSTEMS

P-VEN	Universal mounting				Horizontal mounting				Vertical mounting				
		15XQAZE5	20XQAZE5	30XQAZE5	15XQAHE5	30XQAHE5	35XQAHE5	45XQAHE5	15XQAVE5	30XQAVE5	40XQAVE5	45XQAVE5	
Air flow	Nominal / Max	m ³ /h	91/130	147/210	224/ 320	109/155	210/300	238/340	288/455	112/170	210/300	266/380	315/450
Static pressure	Nominal / Max	Pa	50/100	50/100	50/100	50/100	50/100	50/100	50/100	50/100	50/100	50/100	50/100
Recovery efficiency	%		87	85	85	86	85	89	88	86	86	87	86
Energy class			A	A	A	A	A	A	A	A	A	A	A
Power supply	Voltage	V	230	230	230	230	230	230	230	230	230	230	230
	Phase		Single phase	Single phase	Single phase	Single phase	Single phase	Single phase	Single phase	Single phase	Single phase	Single phase	Single phase
	Frequency	Hz	50	50	50	50	50	50	50	50	50	50	50
Power consumption	Nominal	W	80	140	180	110	180	350	420	110	180	350	420
Sound power LWA		dB(A)	48	51	52	49	50	52	56	48	50	51	54
Dimension	HxWxD	mm	255 x 580 x 580	255 x 580 x 580	255 x 580 x 580	260 x 480 x 800	295 x 600 x 795	290 x 650 x 1150	290 x 1150 x 1150	510 x 430 x 625	590 x 575 x 785	590 x 735 x 785	590 x 785 x 785
Net weight		kg	19	19	19	25	30	38	40	32	38	42	43
Filter class			ePM1 80%	ePM1 80%	ePM1 80%	ePM1 80%	ePM1 70%	ePM1 70%	ePM1 70%	ePM1 80%	ePM1 70%	ePM1 70%	ePM1 70%
Duct connection		mm	160	160	160	160	160	160	160	160	160	160	160

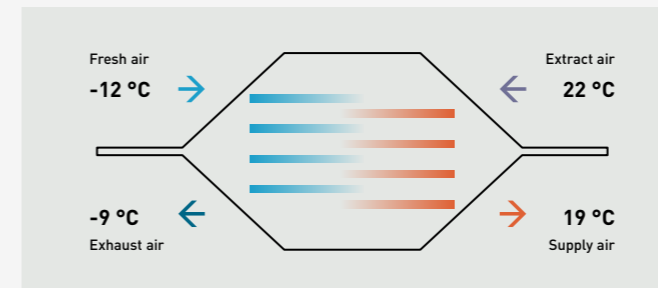
HIGH-EFFICIENCY SENSIBLE HEAT RECOVERY

HIGHLY EFFICIENT AIR RENEWAL AND FILTRATION, WITH 80% EPM1 FILTERS

INTEGRATED AIR QUALITY, HUMIDITY AND TEMPERATURE SENSORS

REMOTE CONTROL VIA WI-FI (OPTIONAL)

Balanced ventilation



Counter flow ventilation units are equipped with two fans to supply and extract air. A cross-flow heat exchanger recovers the energy contained in the extracted air and transfers it to the supplied air. This significantly reduces the building's energy consumption, while at the same time keeping a good quality of the indoor air.

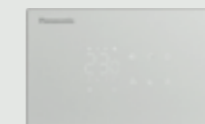
Control options (required, to be ordered separately).

Wall-mounted control with Modbus.

PCZ-AHRP0025

Wall-mounted control with integrated Wi-Fi for remote control via the Aquarea Home App.

PCZ-AHRP0026



- Integrated VOC - CO₂ air quality sensors
- Integrated humidity sensors
- Integrated temperature sensors
- Unit control and settings: Seasonal modes, temperature and fan speed ventilation settings
- Connectivity: Wi-Fi or Modbus

Vent PRO.

Access the tool via the 'Tools' section in the Panasonic Pro Club (www.panasonicproclub.com).

From selecting the right ventilation unit to planning the air distribution system and choosing the appropriate components, the Vent PRO guides you through every step to ensure the optimal solution for your project.



Aquarea Home App

Download free app.

Other hardware requirements: Router and Internet (purchase and subscribe separately). Panasonic Cloud Server is designed, operated and managed by Panasonic.
*The app screen is for illustration purposes only. The actual screen may differ.



Aquarea Home



Aquarea DHW Heat Pumps

Using the natural refrigerant R290, Aquarea DHW Heat Pumps achieve the highest A+ energy efficiency class in their category, significantly reducing energy consumption and CO₂ emissions compared to electric heaters. The range includes wall-mounted and floor-standing models with tank capacities from 100 to 260 litres, designed to meet different household needs.



Check all our certified heat pumps on: www.heatpumpkeymark.com

Aquarea DHW Heat Pumps

Type	Wall-mounted			Floor-standing		
	P-DHW100AE5	P-DHW150AE5	P-DHW200AE5	P-DHW200CAE5	P-DHW260AE5	P-DHW260CAE5
Performance according to EN 16147						
Reference hot water temperature [T _{ref}]	°C	55	55	55	55	55
Heating up time [A +14 °C / W 55 °C]	h:m	5:44	8:36	7:24	7:11	9:20
Heating up time [A +7 °C / W 55 °C]	h:m	6:44	9:48	7:47	7:38	10:24
Heating up time [A +2 °C / W 55 °C]	h:m	9:53	12:10	11:21	11:14	14:45
Heating up time in BOOST mode [A +7 °C / W 10-55 °C]	h:m	2:37	4:16	3:43	3:39	4:55
DHW tank ERP efficiency average / warm / cold	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 _{wh} % / COPdHW	116 / 2,80	122 / 3,00	145 / 3,48	140 / 3,36	146 / 3,52
DHW tank ERP warm climate η / COPdHW	η _{wh} % / COPdHW	133 / 3,20	137 / 3,40	154 / 3,76	150 / 3,61	155 / 3,78
DHW tank ERP cold climate η / COPdHW	η _{wh} % / COPdHW	92 / 2,20	109 / 2,70	114 / 2,79	108 / 2,63	115 / 2,81
Indoor sound power ¹⁾	dB(A)	46	46	50	50	50
Outdoor sound power ¹⁾	dB(A)	51	51	56	56	56
Load profile		M	L	L	L	XL
Water volume	L	100	142	202	194	260
Water volume of mixed water at 40 °C / V40	L	128	173	278	267	348
Additional coil exchanger connection		—	—	—	1''M	1''M
Additional coil surface	m ²	—	—	—	1,05	—
Anticorrosion system	Anode	Magnesium	Magnesium	Magnesium	Magnesium	Magnesium
Anti-legionella cycle		Yes	Yes	Yes	Yes	Yes
Maximum working pressure - storage tank	Mpa (bar)	0,8 (8)	0,8 (8)	0,8 (8)	0,8 (8)	0,8 (8)
Dimension (H x W x D)	mm	1351 x 520 x 541	1682 x 520 x 541	1621 x 705 x 694	1621 x 705 x 694	1911 x 705 x 694
Empty weight	kg	56	71	96	110	113
Heat pump air intake temperature range	°C	-5 ~ +43	-5 ~ +43	-7 ~ +43	-7 ~ +43	-7 ~ +43
Maximum water temperature / with heater	°C	60 / 70	60 / 70	65 / 75	65 / 75	65 / 75
Refrigerant charge [R290]	kg	0,15	0,15	0,15	0,15	0,15
Power supply / frequency	V / Hz	230 / 50	230 / 50	230 / 50	230 / 50	230 / 50
Total maximum power consumption	W	1726	1726	1970	1970	1970
Heat pump maximum power consumption	W	226	226	470	470	470
Electric heating element power consumption	W	1500	1500	1500	1500	1500
Nominal air flow	m ³ /h	235	235	360	360	360
Available external pressure	Pa	71	71	88	88	88
Duct diameter	mm	125	125	160	160	160

1) According to EN12102.

Wall mounted version..
 · 100 L and 150 L DHW tank
 · Wide operating range from -5 to +43 °C.
 · 60 °C hot water only with heat pump

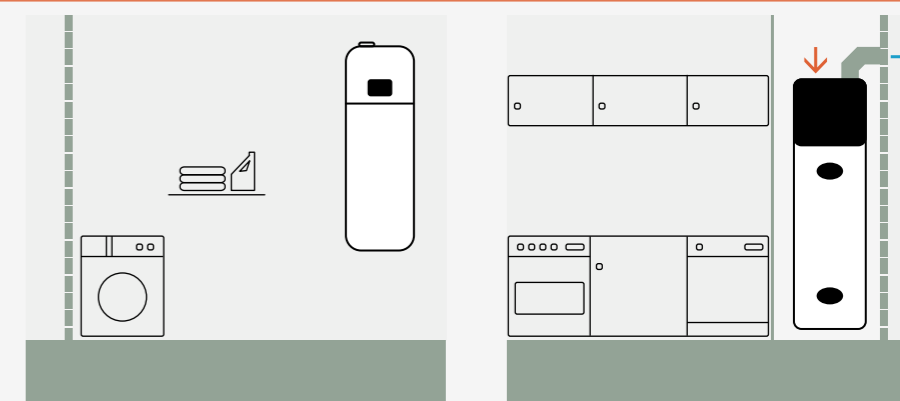


Floor standing version.
 · 200 L and 260 L DHW tank
 · Version with additional coil for operation with other heat sources such as PV panels
 · Wide operating range from -7 to +43 °C
 · 65 °C hot water only with heat pump



Space saving design

Side air ducts for easy installation in rooms as small as 2 metres high.



A+
HIGH PERFORMANCE AND A+ ENERGY RANK




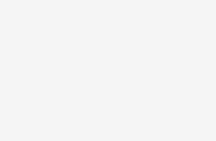


-7°C WIDE OPERATION RANGE
+43°C

SAVES MAINTENANCE TIME WITH DRY CHECK FOR MAGNESIUM ANODE

USER-FRIENDLY TOUCH CONTROL

Accessories and control

Controls and room thermostats




 <p>Remote controller with Wi-Fi adapter (required for stand-alone outdoor units). M Series. Includes 10 m extension cable.</p> <p>----- CZ-RTW2TAW1C</p>	 <p>Optional remote controller for 2 zone control. K and L Series.</p> <p>----- CZ-RTW1</p>	 <p>Optional remote controller for 2 zone control. M Series.</p> <p>----- CZ-RTW2-1</p>	 <p>Cover for the remote control compartment of the indoor unit. K Series onwards.</p> <p>----- PAW-A2W-COV-KL</p>	 <p>Wired LCD room thermostat with weekly timer.</p> <p>----- PAW-A2W-RTWIRED</p>	 <p>Wireless LCD room thermostat with weekly timer.</p> <p>----- PAW-A2W-RTWIRELESS</p>
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Cascade solutions


 <p>Cascade manager for Aquarea Heat Pumps. Cascade up to 10 Aquarea Heat Pumps.</p> <p>----- PAW-A2W-CMH-3</p>	 <p>Aquarea Cascade Edge (manager) for Aquarea Heat Pumps with P-Smart Edge control and monitoring software. Cascade up to 4 units.</p> <p>----- PAW-A2W-CME4</p>	 <p>Aquarea Cascade Edge (manager) for Aquarea Heat Pumps with P-Smart Edge control and monitoring software. Cascade up to 10 units.</p> <p>----- PAW-A2W-CME10</p>
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tado° room control and smart energy management


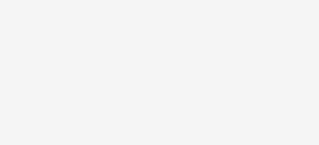

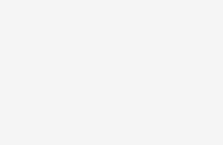

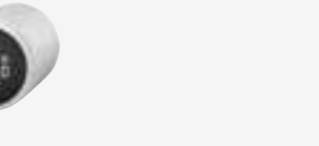


tado° Room control sets with Heat Pump Optimizer X

 <p>Set of tado° Heat Pump Optimizer X and 1x Smart Radiator Thermostat X.</p> <p>----- KIT-TSRTXHPOXE</p>	 <p>Set of tado° Heat Pump Optimizer X and 4x tado° Smart Radiator Thermostat X.</p> <p>----- KIT-TSRTX4HPOXE</p>	 <p>Set of tado° Heat Pump Optimizer X and 1x Smart Thermostat X.</p> <p>----- KIT-TSTXHPOXE</p>	 <p>Set of tado° Heat Pump Optimizer X and 1x Smart Thermostat X and 2x Smart Radiator Thermostat X.</p> <p>----- KIT-TSTXSRTX2HPOXE</p>
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tado° Room control sets with Bridge X

 <p>tado° Smart Radiator Thermostat X with Bridge X.</p> <p>----- PAW-TSRTXB</p>	 <p>tado° Smart Thermostat X with Bridge X.</p> <p>----- PAW-TSTXB</p>	 <p>Set of 1x Smart Thermostat X, 2x Smart Radiator Thermostat X and 1x Bridge X.</p> <p>----- PAW-TSTXSRTX2B</p>
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tado° X devices

 <p>tado° Heat Pump Optimizer X (with Europlug).</p> <p>----- PAW-THPOXE</p>	 <p>tado° Heat Pump Optimizer X extension cable (10m).</p> <p>----- PAW-THPO-CBL</p>	 <p>tado° Smart Thermostat X.</p> <p>----- PAW-TSTX</p>	 <p>tado° Wireless Temperature Sensor X.</p> <p>----- PAW-TWTSX</p>
 <p>tado° Smart Radiator Thermostat X.</p> <p>----- PAW-TSRTX</p>	 <p>4x tado° Smart Radiator Thermostat X.</p> <p>----- PAW-TSRTX4</p>	 <p>tado° Bridge X.</p> <p>----- PAW-TBX</p>	 <p>NEW! tado° X Wireless receiver.</p> <p>----- PAW-TWRXE</p>

PCBs for additional functions

 <p>PCB for advanced functions. H and J Series.</p> <p>----- CZ-NS4P</p>	 <p>PCB for advanced functions. K and L Series.</p> <p>----- CZ-NS5P</p>	 <p>PCB for advanced functions. M Series All in One and Bi-bloc.</p> <p>----- CZ-NS6P</p>	 <p>PCB for advanced functions. M Series control module.</p> <p>----- CZ-NS7P</p>
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Connectivity

 <p>Optional Wi-Fi or WLAN adapter for Panasonic Comfort Cloud app and Aquarea Service Cloud.</p> <p>----- CZ-TAW1B</p> <p>10 m extension cable for CZ-TAW1B.</p> <p>----- CZ-TAW1-CBL</p>	 <p>Modbus RTU PCB for Aquarea M Series. For installation inside control module or Bi-bloc and All in One using installation kit CZ-NSMB-MTPL.</p> <p>----- CZ-NSMB</p>	<p>NEW! Modbus PCB installation kit for Bi-bloc and All in One.</p> <p>----- CZ-NSMB-MTPL</p>	<p>NEW! Panasonic Modbus RTU gateway with plastic case, compatible with all Aquarea Series.</p> <p>----- CZ-NSMB-C</p>	 <p>Modbus RTU gateway. 12 V DC power supply, compatible with Aquarea H Series onwards.</p> <p>----- PAW-AZAW-MBS-M</p>	
 <p>Aquarea Home Network Hub for remote control via the Aquarea Home App.</p> <p>----- PCZ-ESW737</p>	 <p>External meter gateway for K Series onwards.</p> <p>----- PAW-A2W-EXTMETER</p>	<p>NEW! DIN rail-mounted Modbus RTU gateway. Powered via CN-CNT, compatible with Aquarea H Series onwards.</p> <p>----- PAW-AW-MBS-M</p>	 <p>KNX interface for H Series onwards (Airzone).</p> <p>----- PAW-AZAW-KNX-1</p>	 <p>KNX interface for H Series onwards (Intesis).</p> <p>----- PAW-AW-KNX-H</p>	 <p>NEW! EEBUS gateway for H Series onwards.</p> <p>----- PAW-AZAW-EEBUS-1</p>

Sensors for Aquarea H Series onwards

					
Outdoor ambient sensor.	Zone room sensor.	Zone water sensor.	Solar sensor.	Buffer tank sensor (for H and J Series, PAW-A2W-TSHC required if optional PCB is used.)	In-line heater sensor for the control module M Series.
PAW-A2W-TSOD	PAW-A2W-TSRT	PAW-A2W-TSHC	PAW-A2W-TSSO	PAW-A2W-TSBU	PAW-A2W-TSBH

All in One indoor unit accessories











NEW! Wall bracket to mount the All in One 120 L on the wall.

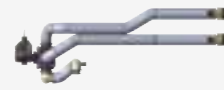
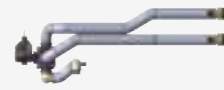
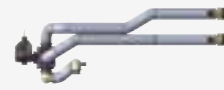

*Check availability.





CZ-NW1

Outdoor unit accessories



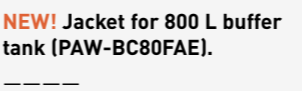

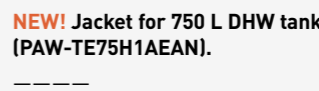

			
Base pan heater for Bi-bloc 3 and 5 kW (except L Series) and K Series 7 and 9 kW (1 fan model).	Base pan heater. H and J Series and K Series 9 kW (2 fans model), 12 and 16 kW.	Outdoor base ground support for noise and vibration absorption. Dimension (HxWxD): 600x95x130 mm Safe working load: 500 kg	NEW! Heat pump foundation made from 100% recycled materials
CZ-NE2P	CZ-NE3P	PAW-GRDBSE20	PAW-RPB1AE
			
Base pan heater. L Series 5, 7 and 9 kW and M Series.	Base pan heater. M Series 20, 25, 30 kW.	Electric heater foil for the ground stand with 940 mm wide condenser water tray.	Electric heater foil for the ground stand with 1100 mm wide condenser water tray.
CZ-NE4P	CZ-NE5P	PAW-GRDSTD940	PAW-GRDSTDHTR1100

Hydraulic accessories

				
3 way valve kit to fit inside the hydrokit. H and J Series.	3 way valve kit to fit inside the hydrokit. K and L Series.	3 way valve kit to fit inside the hydrokit. M Series.	NEW! G1" 3 way ball valve with actuator for 3-16 kW heat pumps.	NEW! G1 1/2" 3 way valve with actuator for 20-30 kW heat pumps.
CZ-NV1	CZ-NV2	CZ-NV3	PAW-3WYVLV20-ES	PAW-3WYVLV32-ES

			
3 way valve for DHW tanks.	1 antifreeze valve 1". It is required to order 2 valves per system. For 9, 12 and 16 kW.	1 antifreeze valve 1 1/2". It is required to order 2 valves per system. For 20, 25 and 30 kW.	NEW! Double circulation unit with mixing function (one direct circuit + one mixing circuit).
PAW-3WYVLV-HW	PAW-A2W-AFVLV-1	PAW-A2W-AFVLV-112	PAW-A2W-DCUM1
			PAW-A2W-MGTFILTER












Buffer and DHW tanks accessories

			
NEW! Adjustable 3 phase electric heater D180 mm. Selectable output: 6,00 / 4,00 / 3,00 kW. Compatible with PAW-TE50H1AE.	NEW! Adjustable 3 phase electric heater D240 mm. Selectable output: 9,00 / 7,50 / 6,00 kW. Compatible with PAW-TE75H1AEAN, PAW-TE90H1AEAN, PAW-BC50FAE, PAW-BC80FAE and PAW-BC100FAE.		
PAW-HT6F18AE8	PAW-HT9F24AE8		
			
NEW! Jacket for 800 L buffer tank (PAW-BC80FAE).	NEW! Jacket for 1000 L buffer tank (PAW-BC100FAE).	NEW! Jacket for 750 L DHW tank (PAW-TE75H1AEAN).	NEW! Jacket for 900 L DHW tank (PAW-TE90H1AEAN).
PAW-JKBC80FAE	PAW-JKBC100FAE	PAW-JKTE75H1AE	PAW-JKTE90H1AE

Aquarea DHW Heat Pumps accessories

	
NEW! Stand for wall-mounted models (required for installation in non-load-bearing walls).	NEW! Accessory kit for external connection (PV or water pump for circulation).
PAW-DHW-STAND-1	PAW-DHWSOLAR-KIT

EcoFlex accessories

					
CONEX wired remote controller (non-wireless), white.	CONEX wired remote controller with Bluetooth®, white.	CONEX wired remote controller with Wi-Fi and Bluetooth®, white.	CONEX wired remote controller (non-wireless), black.	CONEX wired remote controller with Bluetooth®, black.	CONEX wired remote controller with Wi-Fi and Bluetooth®, black.
CZ-RTC6W	CZ-RTC6WBL	CZ-RTC6WBLW2	CZ-RTC6	CZ-RTC6BL	CZ-RTC6BLW2
					
Wired remote controller for wall-mounted.	Infrared remote controller Sky Remote. 2 m cable length of infrared receiver for hide-away.	Reduces the connection size on the indoor unit from 1/2" to 3/8".	Increases the connection size on the outdoor unit from 3/8" to 1/2".	Reduces the connection size on the indoor unit from 5/8" to 1/2".	
CZ-RD517C	CZ-RL511D	CZ-MA1PA	CZ-MA2PA	CZ-MA3PA	

Aquarea Air Smart fan coil – Floor standing accessories

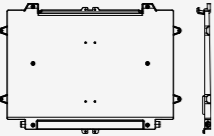
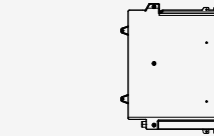
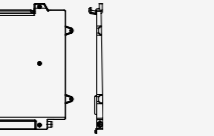
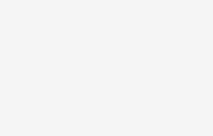
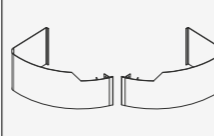
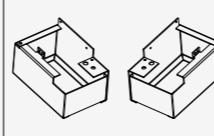
Control accessories

					
Wall-mounted control with Modbus for Aquarea Air Smart fan coils.	Wall-mounted control with integrated Wi-Fi for Aquarea Air Smart fan coils.	Wall-mounted control PCB for Aquarea Air Smart fan coil – Floor standing.	On-board display with Modbus for Aquarea Air Smart fan coil – Floor standing.	On-board display with integrated Wi-Fi for Aquarea Air Smart fan coil – Floor standing.	PCB for analog control (0-10V) for Aquarea Air Smart fan coil – Floor standing.
PCZ-EEB749	PCZ-EFB749	PCZ-ESE845	PCZ-ECA844	PCZ-EWA844	PCZ-B10842

Hydraulic accessories

	
3 way valve with motor for Aquarea Air Smart fan coil – Floor standing.	2 way valve with motor for Aquarea Air Smart fan coil – Floor standing, wall-mounted 40 and ducted.
PCZ-V30720	PCZ-V20139

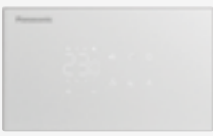
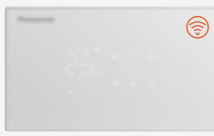
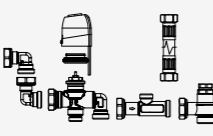
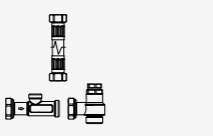
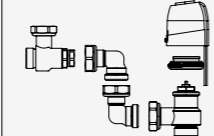
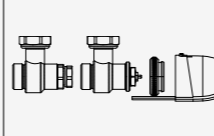
Installation accessories

					
Condensate drip tray for horizontal installation. For P-FAL10.	Condensate drip tray for horizontal installation. For P-FAL20.	Condensate drip tray for horizontal installation. For P-FAL30.	Condensate drip tray for horizontal installation. For P-FAL35.	Set of 2 legs to protect water pipes for Aquarea Air Smart fan coil – Floor standing.	Set of 2 legs to anchor the Aquarea Air Smart fan coil – Floor standing to the floor.
PCZ-GB0520	PCZ-GB0521	PCZ-GB0522	PCZ-GB0523	PCZ-LC0158	PCZ-LC0606
Condensate drip tray for horizontal installation. For P-FAL40.					
PCZ-GB0524					

Aquarea Air Smart fan coil wall-mounted accessories

Control accessories

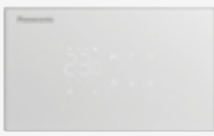
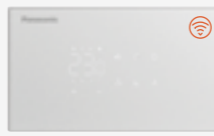
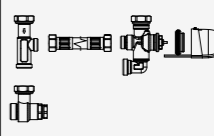
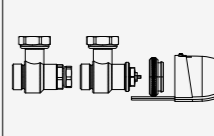
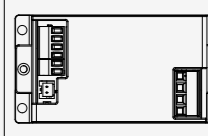
Hydraulic accessories




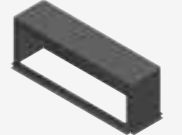
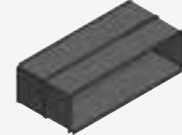

					
Wall-mounted control with Modbus for Aquarea Air Smart fan coils.	Wall-mounted control with integrated Wi-Fi for Aquarea Air Smart fan coils.	3 way valve with motor for Aquarea Air wall-mounted 10, 15 and 20.	3 way valve with motor for Aquarea Air wall-mounted 40.	2 way valve with motor for Aquarea Air wall-mounted 10, 15 and 20.	2 way valve with motor for Aquarea Air Smart fan coil – Floor standing, wall-mounted 40 and ducted.
PCZ-EEB749	PCZ-EFB749	PCZ-V30688	PCZ-V30718	PCZ-V20687	PCZ-V20139

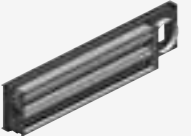


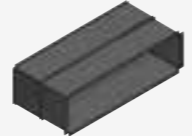

Aquarea Air Smart fan coil – Ducted thin accessories

Control accessories

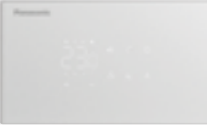
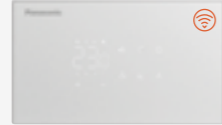
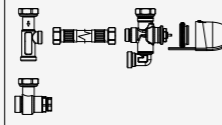
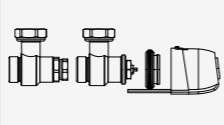
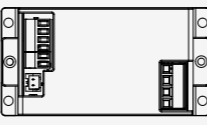
Hydraulic accessories




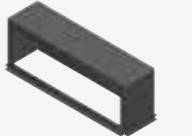
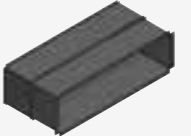

				
Wall-mounted control with Modbus for Aquarea Air Smart fan coils.	Wall-mounted control with integrated Wi-Fi for Aquarea Air Smart fan coils.	3 way valve with motor for Aquarea Air Smart fan coil – Ducted.	2 way valve with motor for Aquarea Air Smart fan coil – Floor standing, wall-mounted 40 and ducted.	PCB for underfloor heating valve control. Requires PCZ-EEB749 or PCZ-EFB749.
PCZ-EEB749	PCZ-EFB749	PCZ-V30361	PCZ-V20139	PCZ-EG1028

					
Replacement recirculation filter kit	Delivery plates	Return plenum	90° shooting plenum	Telescopic kit for rear or directly coupled suction. 153 mm - 270 mm	Grille for telescopic kit for rear intake
For P-FSN20 and P-FTN15. PCZ-AHRD0491	With 2 circular inlets DN 160 mm. For P-FTN15. PCZ-AHRD0561	With 2 circular inlets DN 160 mm. For P-FTN15. PCZ-AHRD0566	For P-FTN15. PCZ-AHRD0576	For P-FTN15. PCZ-AHRD0581	For P-FTN15. PCZ-AHRD0586
For P-FSN25, P-FTN20, P-FSQ30 and P-FTQ30. PCZ-AHRD0492	With 3 circular inlets DN 160 mm. For P-FTN20. PCZ-AHRD0562	With 3 circular inlets DN 160 mm. For P-FTN20. PCZ-AHRD0567	For P-FTN20 and P-FTQ30. PCZ-AHRD0577	For P-FTN20. PCZ-AHRD0582	For P-FTN20. PCZ-AHRD0587
For P-FSN35, P-FTN25, P-FSQ45 and P-FTQ45. PCZ-AHRD0493	With 4 circular inlets DN 160 mm. For P-FTN25. PCZ-AHRD0563	With 4 circular inlets DN 160 mm. For P-FTN25. PCZ-AHRD0568	For P-FTN25 and P-FTQ45. PCZ-AHRD0578	For P-FTN25. PCZ-AHRD0583	For P-FTN25. PCZ-AHRD0588
For P-FSN45, P-FTN35, P-FSQ60 and P-FTQ60. PCZ-AHRD0494	With 6 circular inlets DN 160 mm. For P-FTN35. PCZ-AHRD0564	With 6 circular inlets DN 160 mm. For P-FTN35. PCZ-AHRD0569	For P-FTN35 and P-FTQ60. PCZ-AHRD0579	For P-FTN35. PCZ-AHRD0584	For P-FTN35. PCZ-AHRD0589
For P-FSN55, P-FTN45, P-FSQ75 and P-FTQ65. PCZ-AHRD0495	With 7 circular inlets DN 160 mm. For P-FTN45. PCZ-AHRD0565	With 7 circular inlets DN 160 mm. For P-FTN45. PCZ-AHRD0570	For P-FTN45 and P-FTQ65. PCZ-AHRD0580	For P-FTN45. PCZ-AHRD0585	For P-FTN45. PCZ-AHRD0590

<p>Plenum kit for external air connection with damper for room recirculation</p>  <p>For P-FTN15. ----- PCZ-AHRD0571</p> <p>For P-FTN20 and P-FTQ30. ----- PCZ-AHRD0572</p> <p>For P-FTN25 and P-FTQ45. ----- PCZ-AHRD0573</p> <p>For P-FTN35 and P-FTQ60. ----- PCZ-AHRD0574</p> <p>For P-FTN45 and P-FTQ65. ----- PCZ-AHRD0575</p>	<p>Ducting plate plenum kit for outdoor air connection with damper</p>  <p>For P-FTN15. ----- PCZ-AHRD0611</p> <p>For P-FTN20 and P-FTQ30. ----- PCZ-AHRD0612</p> <p>For P-FTN25 and P-FTQ45. ----- PCZ-AHRD0613</p> <p>For P-FTN35 and P-FTQ60. ----- PCZ-AHRD0614</p> <p>For P-FTN45 and P-FTQ65. ----- PCZ-AHRD0615</p>	<p>90° plenum for outdoor air kit with damper</p>  <p>For P-FTN15. ----- PCZ-AHRD0616</p> <p>For P-FTN20 and P-FTQ30. ----- PCZ-AHRD0617</p> <p>For P-FTN25 and P-FTQ45. ----- PCZ-AHRD0618</p> <p>For P-FTN35 and P-FTQ60. ----- PCZ-AHRD0619</p> <p>For P-FTN45 and P-FTQ65. ----- PCZ-AHRD0620</p>	<p>Telescopic kit. For plenum for outdoor air kit with damper</p>  <p>For P-FTN15. ----- PCZ-AHRD0621</p> <p>For P-FTN20 and P-FTQ30. ----- PCZ-AHRD0622</p> <p>For P-FTN25 and P-FTQ45. ----- PCZ-AHRD0623</p> <p>For P-FTN35 and P-FTQ60. ----- PCZ-AHRD0624</p> <p>For P-FTN45 and P-FTQ65. ----- PCZ-AHRD0625</p>	<p>Grille for telescopic kit. For plenum for outdoor air kit with damper</p>  <p>For P-FTN15. ----- PCZ-AHRD0626</p> <p>For P-FTN20 and P-FTQ30. ----- PCZ-AHRD0627</p> <p>For P-FTN25 and P-FTQ45. ----- PCZ-AHRD0628</p> <p>For P-FTN35 and P-FTQ60. ----- PCZ-AHRD0629</p> <p>For P-FTN45 and P-FTQ65. ----- PCZ-AHRD0630</p>
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Aquarea Air Smart fan coil – Ducted accessories

Control accessories		Hydraulic accessories		
 <p>Wall-mounted control with Modbus for Aquarea Air Smart fan coils. ----- PCZ-EEB749</p>	 <p>Wall-mounted control with integrated Wi-Fi for Aquarea Air Smart fan coils. ----- PCZ-EFB749</p>	 <p>3 way valve with motor for Aquarea Air Smart fan coil – Ducted. ----- PCZ-V30361</p>	 <p>2 way valve with motor for Aquarea Air Smart fan coil – Floor standing, wall-mounted 40 and ducted. ----- PCZ-V20139</p>	 <p>PCB for underfloor heating valve control. Requires PCZ-EEB749 or PCZ-EFB749. ----- PCZ-EG1028</p>

<p>Replacement recirculation filter kit</p>  <p>For P-FSN20 and P-FTN15. ----- PCZ-AHRD0491</p> <p>For P-FSN25, P-FTN20, P-FSQ30 and P-FTQ30. ----- PCZ-AHRD0492</p> <p>For P-FSN35, P-FTN25, P-FSQ45 and P-FTQ45. ----- PCZ-AHRD0493</p> <p>For P-FSN45, P-FTN35, P-FSQ60 and P-FTQ60. ----- PCZ-AHRD0494</p> <p>For P-FSN55, P-FTN45, P-FSQ75 and P-FTQ65. ----- PCZ-AHRD0495</p>	<p>Delivery plates</p>  <p>With 2 circular inlets DN 160 mm. For P-FSN20. ----- PCZ-AHRD0431</p> <p>With 3 circular inlets DN 160 mm. For P-FSN25. ----- PCZ-AHRD0432</p> <p>With 4 circular inlets DN 160 mm. For P-FSN35. ----- PCZ-AHRD0433</p> <p>With 6 circular inlets DN 160 mm. For P-FSN45. ----- PCZ-AHRD0434</p> <p>With 7 circular inlets DN 160 mm. For P-FSN55. ----- PCZ-AHRD0435</p>	<p>Return plenum</p>  <p>With 2 circular inlets DN 160 mm. For P-FSN20. ----- PCZ-AHRD0461</p> <p>With 3 circular inlets DN 160 mm. For P-FSN25. ----- PCZ-AHRD0462</p> <p>With 4 circular inlets DN 160 mm. For P-FSN35. ----- PCZ-AHRD0463</p> <p>With 6 circular inlets DN 160 mm. For P-FSN45. ----- PCZ-AHRD0464</p> <p>With 7 circular inlets DN 160 mm. For P-FSN55. ----- PCZ-AHRD0465</p>	<p>90° shooting plenum</p>  <p>For P-FSN20. ----- PCZ-AHRD0521</p> <p>For P-FSN25 and P-FSQ30. ----- PCZ-AHRD0522</p> <p>For P-FSN35 and P-FSQ45. ----- PCZ-AHRD0523</p> <p>For P-FSN45 and P-FSQ60. ----- PCZ-AHRD0524</p> <p>For P-FSN55 and P-FSQ75. ----- PCZ-AHRD0525</p>	<p>Telescopic kit for rear or directly coupled suction. 153 mm - 270 mm</p>  <p>For P-FSN20. ----- PCZ-AHRD0531</p> <p>For P-FSN25. ----- PCZ-AHRD0532</p> <p>For P-FSN35. ----- PCZ-AHRD0533</p> <p>For P-FSN45. ----- PCZ-AHRD0534</p> <p>For P-FSN55. ----- PCZ-AHRD0535</p>	<p>Grille for telescopic kit for rear intake</p>  <p>For P-FSN20. ----- PCZ-AHRD0541</p> <p>For P-FSN25. ----- PCZ-AHRD0542</p> <p>For P-FSN35. ----- PCZ-AHRD0543</p> <p>For P-FSN45. ----- PCZ-AHRD0544</p> <p>For P-FSN55. ----- PCZ-AHRD0545</p>
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<p>Plenum kit for external air connection with damper for room recirculation</p>  <p>For P-FSN20. ----- PCZ-AHRD0639</p> <p>For P-FSN25 and P-FSQ30. ----- PCZ-AHRD0640</p> <p>For P-FSN35 and P-FSQ45. ----- PCZ-AHRD0641</p> <p>For P-FSN45 and P-FSQ60. ----- PCZ-AHRD0642</p> <p>For P-FSN55 and P-FSQ75. ----- PCZ-AHRD0643</p>	<p>Ducting plate plenum kit for outdoor air connection with damper</p>  <p>For P-FSN20. ----- PCZ-AHRD0651</p> <p>For P-FSN25 and P-FSQ30. ----- PCZ-AHRD0652</p> <p>For P-FSN35 and P-FSQ45. ----- PCZ-AHRD0653</p> <p>For P-FSN45 and P-FSQ60. ----- PCZ-AHRD0654</p> <p>For P-FSN55 and P-FSQ75. ----- PCZ-AHRD0655</p>	<p>90° plenum for outdoor air kit with damper</p>  <p>For P-FSN20. ----- PCZ-AHRD0656</p> <p>For P-FSN25 and P-FSQ30. ----- PCZ-AHRD0657</p> <p>For P-FSN35 and P-FSQ45. ----- PCZ-AHRD0658</p> <p>For P-FSN45 and P-FSQ60. ----- PCZ-AHRD0659</p> <p>For P-FSN55 and P-FSQ75. ----- PCZ-AHRD0660</p>	<p>Telescopic kit. For plenum for outdoor air kit with damper</p>  <p>For P-FSN20. ----- PCZ-AHRD0661</p> <p>For P-FSN25 and P-FSQ30. ----- PCZ-AHRD0662</p> <p>For P-FSN35 and P-FSQ45. ----- PCZ-AHRD0663</p> <p>For P-FSN45 and P-FSQ60. ----- PCZ-AHRD0664</p> <p>For P-FSN55 and P-FSQ75. ----- PCZ-AHRD0665</p>	<p>Grille for telescopic kit. For plenum for outdoor air kit with damper</p>  <p>For P-FSN20. ----- PCZ-AHRD0666</p> <p>For P-FSN25 and P-FSQ30. ----- PCZ-AHRD0667</p> <p>For P-FSN35 and P-FSQ45. ----- PCZ-AHRD0668</p> <p>For P-FSN45 and P-FSQ60. ----- PCZ-AHRD0669</p> <p>For P-FSN55 and P-FSQ75. ----- PCZ-AHRD0670</p>
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Aquarea Air Smart fan coil – Ducted multi zone thin accessories

Control accessories		Hydraulic accessories		
Wall-mounted control with Modbus for Aquarea Air Smart fan coils. PCZ-EEB749	Wall-mounted control with integrated Wi-Fi for Aquarea Air Smart fan coils. PCZ-EFB749	3 way valve with motor for Aquarea Air Smart fan coil – Ducted. PCZ-V30361	2 way valve with motor for Aquarea Air Smart fan coil – Floor standing, wall-mounted 40 and ducted. PCZ-V20139	PCB for underfloor heating valve control. Requires PCZ-EEB749 or PCZ-EFB749. PCZ-EG1028

Replacement recirculation filter kit	Return plenum	90° shooting plenum
For P-FSN25, P-FTN20, P-FSQ30 and P-FTQ30. PCZ-AHRD0492	With 2 circular inlets DN 160 mm. For P-FTQ30. PCZ-AHRD0682	For P-FTN20 and P-FTQ30. PCZ-AHRD0577
For P-FSN35, P-FTN25, P-FSQ45 and P-FTQ45. PCZ-AHRD0493	With 3 circular inlets DN 160 mm. For P-FTQ45. PCZ-AHRD0683	For P-FTN25 and P-FTQ45. PCZ-AHRD0578
For P-FSN45, P-FTN35, P-FSQ60 and P-FTQ60. PCZ-AHRD0494	With 4 circular inlets DN 160 mm. For P-FTQ60. PCZ-AHRD0684	For P-FTN35 and P-FTQ60. PCZ-AHRD0579
For P-FSN55, P-FTN45, P-FSQ75 and P-FTQ65. PCZ-AHRD0495	With 5 circular inlets DN 160 mm. For P-FTQ65. PCZ-AHRD0685	For P-FTN45 and P-FTQ65. PCZ-AHRD0580














Plenum kit for external air connection with damper for room recirculation	Ducting plate plenum kit for outdoor air connection with damper	90° plenum for outdoor air kit with damper	Telescopic kit. For plenum for outdoor air kit with damper	Grille for telescopic kit. For plenum for outdoor air kit with damper	Non-return damper
For P-FTN20 and P-FTQ30. PCZ-AHRD0572	For P-FTN20 and P-FTQ30. PCZ-AHRD0612	For P-FTN20 and P-FTQ30. PCZ-AHRD0617	For P-FTN20 and P-FTQ30. PCZ-AHRD0622	For P-FTN20 and P-FTQ30. PCZ-AHRD0627	Non-return damper. For P-FTQ and P-FSQ. PCZ-AHRD0519
For P-FTN25 and P-FTQ45. PCZ-AHRD0573	For P-FTN25 and P-FTQ45. PCZ-AHRD0613	For P-FTN25 and P-FTQ45. PCZ-AHRD0618	For P-FTN25 and P-FTQ45. PCZ-AHRD0623	For P-FTN25 and P-FTQ45. PCZ-AHRD0628	
For P-FTN35 and P-FTQ60. PCZ-AHRD0574	For P-FTN35 and P-FTQ60. PCZ-AHRD0614	For P-FTN35 and P-FTQ60. PCZ-AHRD0619	For P-FTN35 and P-FTQ60. PCZ-AHRD0624	For P-FTN35 and P-FTQ60. PCZ-AHRD0629	
For P-FTN45 and P-FTQ65. PCZ-AHRD0575	For P-FTN45 and P-FTQ65. PCZ-AHRD0615	For P-FTN45 and P-FTQ65. PCZ-AHRD0620	For P-FTN45 and P-FTQ65. PCZ-AHRD0625	For P-FTN45 and P-FTQ65. PCZ-AHRD0630	











Aquarea Air Smart fan coil – Ducted multi zone accessories










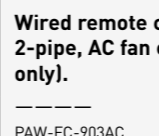



Control accessories		Hydraulic accessories		
Wall-mounted control with Modbus for Aquarea Air Smart fan coils. PCZ-EEB749	Wall-mounted control with integrated Wi-Fi for Aquarea Air Smart fan coils. PCZ-EFB749	3 way valve with motor for Aquarea Air Smart fan coil – Ducted. PCZ-V30361	2 way valve with motor for Aquarea Air Smart fan coil – Floor standing, wall-mounted 40 and ducted. PCZ-V20139	PCB for underfloor heating valve control. Requires PCZ-EEB749 or PCZ-EFB749. PCZ-EG1028

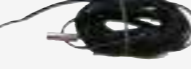



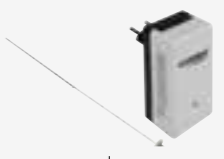

Replacement recirculation filter kit	Return plenum	90° shooting plenum	Plenum kit for external air connection with damper for room recirculation
For P-FSN25, P-FTN20, P-FSQ30 and P-FTQ30. PCZ-AHRD0492	With 2 circular inlets DN 160 mm. For P-FSQ30. PCZ-AHRD0466	For P-FSN25 and P-FSQ30. PCZ-AHRD0522	For P-FSN25 and P-FSQ30. PCZ-AHRD0640
For P-FSN35, P-FTN25, P-FSQ45 and P-FTQ45. PCZ-AHRD0493	With 3 circular inlets DN 160 mm. For P-FSQ45. PCZ-AHRD0467	For P-FSN35 and P-FSQ45. PCZ-AHRD0523	For P-FSN35 and P-FSQ45. PCZ-AHRD0641
For P-FSN45, P-FTN35, P-FSQ60 and P-FTQ60. PCZ-AHRD0494	With 4 circular inlets DN 160 mm. For P-FSQ60. PCZ-AHRD0468	For P-FSN45 and P-FSQ60. PCZ-AHRD0524	For P-FSN45 and P-FSQ60. PCZ-AHRD0642
For P-FSN55, P-FTN45, P-FSQ75 and P-FTQ65. PCZ-AHRD0495	With 5 circular inlets DN 160 mm. For P-FSQ75. PCZ-AHRD0469	For P-FSN55 and P-FSQ75. PCZ-AHRD0525	For P-FSN55 and P-FSQ75. PCZ-AHRD0643

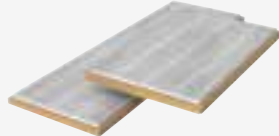








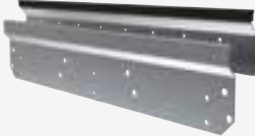


90° plenum for outdoor air kit with damper	Telescopic kit. For plenum for outdoor air kit with damper	Grille for telescopic kit. For plenum for outdoor air kit with damper	Non-return damper
For P-FSN25 and P-FSQ30. PCZ-AHRD0657	For P-FSN25 and P-FSQ30. PCZ-AHRD0662	For P-FSN25 and P-FSQ30. PCZ-AHRD0667	Non-return damper. For P-FTQ and P-FSQ. PCZ-AHRD0519
For P-FSN35 and P-FSQ45. PCZ-AHRD0658	For P-FSN35 and P-FSQ45. PCZ-AHRD0663	For P-FSN35 and P-FSQ45. PCZ-AHRD0668	
For P-FSN45 and P-FSQ60. PCZ-AHRD0659	For P-FSN45 and P-FSQ60. PCZ-AHRD0664	For P-FSN45 and P-FSQ60. PCZ-AHRD0669	
For P-FSN55 and P-FSQ75. PCZ-AHRD0660	For P-FSN55 and P-FSQ75. PCZ-AHRD0665	For P-FSN55 and P-FSQ75. PCZ-AHRD0670	

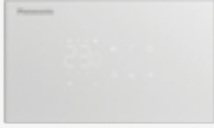
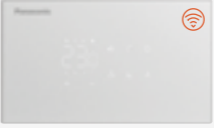




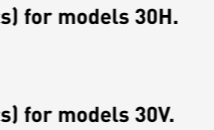
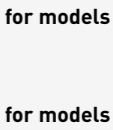

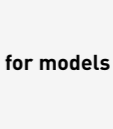
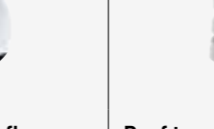
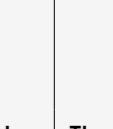

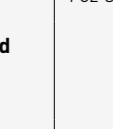




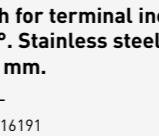
Flex Air Smart fan coil – Wall-mounted					
					
CONEX wired remote controller (non-wireless), white.	CONEX wired remote controller with Bluetooth®, white.	CONEX wired remote controller with Wi-Fi and Bluetooth®, white.	CONEX wired remote controller (non-wireless), black.	CONEX wired remote controller with Bluetooth®, black.	CONEX wired remote controller with Wi-Fi and Bluetooth®, black.
----- CZ-RTC6W	----- CZ-RTC6WBL	----- CZ-RTC6WBLW2	----- CZ-RTC6	----- CZ-RTC6BL	----- CZ-RTC6BLW2
					
Design wired remote controller with Econavi function.	Infrared remote controller.	Econavi energy saving sensor.	Wired remote controller for 2-pipe and 4-pipe, EC fan coil (control + Modbus).		
----- CZ-RTC5B	----- CZ-RWS3	----- CZ-CENSC1	----- PAW-FC-903EC		
					
System controller for 64 indoor units with weekly timer.	Intelligent controller (touch screen/web server) to control up to 256 indoors with included load distribution ratio (LDR).	Central ON / OFF controller, up to 16 groups, 64 indoor units.			
----- CZ-64ESMC3	----- CZ-256ESMC3	----- CZ-ANC3			

Flex Air Smart fan coil – Medium static pressure duct					
					
Smart controller. Mini building management system, up to 15 zones and 31 units.	CONEX wired remote controller (non-wireless), white.	CONEX wired remote controller with Bluetooth®, white.	CONEX wired remote controller with Wi-Fi and Bluetooth®, white.	CONEX wired remote controller (non-wireless), black.	CONEX wired remote controller with Bluetooth®, black.
----- SRC	----- CZ-RTC6W	----- CZ-RTC6WBL	----- CZ-RTC6WBLW2	----- CZ-RTC6	----- CZ-RTC6BL
					
CONEX wired remote controller with Wi-Fi and Bluetooth®, black.	Infrared remote controller and receiver for all indoor units.	Wired remote controller with touch control for 2-pipe and 4-pipe, EC fan coil (control + Modbus).		Wired remote controller for 2-pipe and 4-pipe, EC fan coil (control + Modbus).	
----- CZ-RTC6BLW2	----- CZ-RWS3 + CZ-RWRC3	----- PAW-FC-907EC		----- PAW-FC-903EC	

Flex Air fan coils			
			
Electro-mechanical controller (supplied loose).	Electronic controller.	Electronic controller.	Electronic controller.
----- TRM-FA	----- Plogic	----- TControl EASY 3S	----- TControl POD glass
			
Wired remote controller with touch control for 2-pipe and 4-pipe, EC fan coil (control + Modbus).	Wired remote controller for 2-pipe and 4-pipe, EC fan coil (control + Modbus).	Advanced wired remote controller for fan coil.	Smart controller. Mini building management system, up to 15 zones and 31 units.
----- PAW-FC-907EC	----- PAW-FC-903EC	----- PAW-FC-RC1	----- SRC
			
Wired remote controller with touch control for 2-pipe, AC fan coil (control only).	Wired remote controller for 2-pipe, AC fan coil (control only).		
----- PAW-FC-907AC	----- PAW-FC-903AC		
			
Plogic remote control with integrated temperature sensor.	Plogic remote control.	Plogic remote control with integrated temperature sensor.	
----- WRC / MRC	----- BRC	----- IRC	

Sanitary tank accessories					
					
Tank sensor with 5 m cable length.	Tank sensor with 20 m cable length.	Tank sensor with 5 m cable length and only 6 mm diameter.	Temperature sensor kit for third party tank (with copper pocket and 20 m length sensor cable).	Impressed current anode for 200 L Stainless steel tanks.	Impressed current anode for 300 L Stainless steel tanks.
----- PAW-TS1	----- PAW-TS2	----- PAW-TS4	----- CZ-TK1	----- PAW-EANODE2	----- PAW-EANODE3



Heat recovery ventilation accessories			
 <p>Supply and extract filters kit.</p> <p>----- PAW-VEN-FLTKit</p>	 <p>Optional PCB for additional functions.</p> <p>----- PAW-VEN-ACCPCB</p>	 <p>HRV touch control panel. White frame (cable must be ordered separately).</p> <p>----- PAW-VEN-DPL</p>	 <p>Cable with plug for electrical connection between unit and control panel, type CE and CD (12 m).</p> <p>----- PAW-VEN-CBLEXT12</p>
 <p>Twin plugs for installation of several control panels type CD or CE for one unit.</p> <p>----- PAW-VEN-DIVPLG</p>	 <p>HRV touch control panel wall-mounted kit.</p> <p>----- PAW-VEN-DPLBOX</p>	 <p>CO₂, RH wall-mounted sensor.</p> <p>----- PAW-VEN-S-C02RH-W</p>	 <p>CO₂ wall-mounted sensor.</p> <p>----- PAW-VEN-S-C02-W</p>
 <p>CO₂ duct sensor.</p> <p>----- PAW-VEN-S-C02-D</p>	 <p>Wall bracket kit for stand-alone installation on the wall.</p> <p>----- PAW-VEN-WBRK</p>	 <p>Electrical duct heater 0,6 kW (includes relay).</p> <p>----- PAW-VEN-HTR06</p>	 <p>Electrical duct heater 1,2 kW (includes relay).</p> <p>----- PAW-VEN-HTR12</p>

Aquarea Vent accessories			
Remote controller (required, to be ordered separately)		Electrical duct heater	
 <p>Wall-mounted control with Modbus for Aquarea Vent.</p> <p>----- PCZ-AHRP0025</p>	 <p>Wall-mounted control with integrated Wi-Fi for Aquarea Vent.</p> <p>----- PCZ-AHRP0026</p>	 <p>Electrical duct heater 0,5 kW, DN 160 mm.</p> <p>----- PCZ-AHRP0421</p>	 <p>Electrical duct heater 1,0 kW, DN 160 mm.</p> <p>----- PCZ-AHRP0422</p>
Filters			
 <p>Spare F7 filter kit (2 pcs) for models 15Z, 20Z, 30Z, 15H and 15V.</p> <p>----- PCZ-AHRP0501</p>		 <p>Activated carbon filter (1 pc) for models 15Z, 20Z, 30Z, 15H and 15V.</p> <p>----- PCZ-AHRP0901</p>	
 <p>Spare F7 filter kit (2 pcs) for models 30H.</p> <p>----- PCZ-AHRP0507</p>		 <p>Activated carbon filter (1 pc) for models 30H.</p> <p>----- PCZ-AHRP0508</p>	
 <p>Spare F7 filter kit (2 pcs) for models 30V.</p> <p>----- PCZ-AHRP0502</p>		 <p>Activated carbon filter (1 pc) for models 30V.</p> <p>----- PCZ-AHRP0902</p>	
 <p>Spare F7 filter kit (2 pcs) for models 35H and 45H.</p> <p>----- PCZ-AHRP0503</p>		 <p>Activated carbon filter (1 pc) for models 35H and 45H.</p> <p>----- PCZ-AHRP0903</p>	
 <p>Spare F7 filter kit (2 pcs) for models 40V and 45V.</p> <p>----- PCZ-AHRP0504</p>		 <p>Activated carbon filter (1 pc) for models 40V and 45V.</p> <p>----- PCZ-AHRP0904</p>	
External wall grid		External roof grill	
 <p>External wall grid with flow deviation. Stainless steel, DN 160 mm.</p> <p>----- PCZ-STE016181</p>	 <p>Roof terminal. Stainless steel, DN 160 mm.</p> <p>----- PCZ-STE016185</p>	 <p>Through for flat roof terminal. Stainless steel, DN 160 mm.</p> <p>----- PCZ-STE016190</p>	 <p>Through insulation collar for roof terminal.</p> <p>----- PCZ-STE080189</p>
		 <p>Through for terminal inclined roof 45°. Stainless steel, DN 160 mm.</p> <p>----- PCZ-STE016191</p>	

Primary pipe connections

			
Insulated joint male/male. DN 160 mm. ----- PCZ-SRA116110	Insulated sleeve female/female. DN 160 mm. ----- PCZ-SRA116120	Insulated reducer female/male. DN 160 mm to DN 125 mm. ----- PCZ-SRA112132	Insulated reducer female/male. DN 200 mm to DN 160 mm. ----- PCZ-SRA116132

Primary EPP connections

			
Rigid insulated pipe (primary EPP pipe). DN 160 mm, L= 1 mt, 1 joint included. ----- PCZ-SCS116001	Elbow 90° (primary EPP pipe). DN 160 mm, 1 joint included. ----- PCZ-SCS116090	Connection joint (primary EPP pipe). DN 160 mm. ----- PCZ-SCS116160	Reducer (primary EPP pipe). DN 160 mm to DN 125mm. ----- PCZ-SCS116120


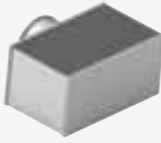
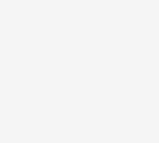

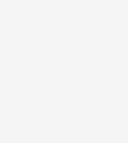
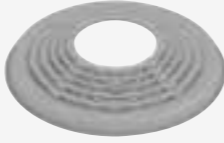
Primary flexible pipe

Flexible pipe connections

Silencers

					
10 m primary flexible duct with insulated hose. DH 160 mm. ----- PCZ-SCE116010	10 m primary flexible duct with insulated aluphonic hose. DH 160 mm. ----- PCZ-SCE316010	Hose clamp for hose. 60/325 mm. ----- PCZ-SCE099120	Black air-tight anti-condensation tape. 50 mm x 10 m. ----- PCZ-SCE199121	Aluminium tape. 50 mm x 10 m. Sp 40 µm. ----- PCZ-SCE199122	Flexible silencer male/male. DN 160 mm, SP 25 mm, L= 1000 mm. ----- PCZ-SCE216001


Distribution manifolds and accessories

		
TG1 insulated steel manifold with inspection door and side/front/perpendicular exits. 1x DN 160 mm - 4+4+4x DN 75/90 mm. ----- PCZ-SC0164044	TG2 insulated steel manifold with inspection door and side/front/perpendicular exits. 1x DN 160 mm - 4+8+4x DN 75/90 mm. ----- PCZ-SC0164084	TG3 insulated steel manifold with inspection door and side/front/perpendicular exits. 1x DN 160 mm - 4+12+4x DN 75/90 mm. ----- PCZ-SC0164124
		
Manifold/ plenum coupling for DN 75 mm corrugated start. ----- PCZ-SRS075140	Collector blind plug for manifold. ----- PCZ-SRS080141	Static flow regulator. 15=> 50 m³/h, step minimum= 5 m³/h. ----- PCZ-SRP080001

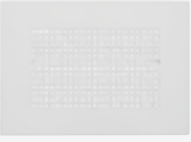
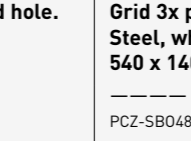

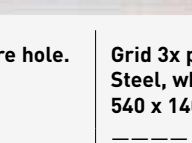
Corrugated pipe system with accessories

					
50 m corrugated pipe coil. DN 75 mm. ----- PCZ-SRS075050	O-Ring. DN 75 mm. ----- PCZ-SRS075145	Corrugated pipe blind plug. DN 75 mm. ----- PCZ-SRS075150	Joint male/male. DN 75 mm including two O-ring. ----- PCZ-SRS075120	Fixing clip. DN 75 mm. Use every 1,5 - 2 m linear and before and after each curve. ----- PCZ-SRS075155	90° vertical angle. DN 75 mm. Two O-rings included. ----- PCZ-SRS075160


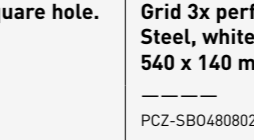
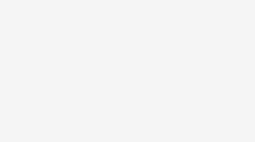
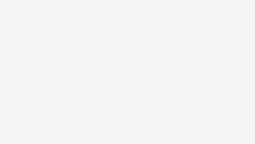
Room plenum

	Replacement filter (10 pcs). ----- PCZ-SB0130860
EPP polypropylene diffuser, modular and patented with 75/90 mm coupling, coupling for modular coupling, filter and installation brackets. ----- PCZ-REV081111	

Room grills with round holes

			
Grid 1x perforated round hole. Steel, white finish, 190 x 140 mm. ----- PCZ-SB0130801	Grid 2x perforated round hole. Steel, white finish, 360 x 140 mm. ----- PCZ-SB0300801	Grid 3x perforated round hole. Steel, white finish, 540 x 140 mm. ----- PCZ-SB0480801	Grid 4x perforated round hole. Steel, white finish, 360 x 260 mm. ----- PCZ-SB0302001

Room grills with square holes

			
Grid 1x perforated square hole. Steel, white finish, 190 x 140 mm. ----- PCZ-SB0130802	Grid 2x perforated square hole. Steel, white finish, 360 x 140 mm. ----- PCZ-SB0300802	Grid 3x perforated square hole. Steel, white finish, 540 x 140 mm. ----- PCZ-SB0480802	Grid 5x perforated square hole. Steel, white finish, 360 x 260 mm. ----- PCZ-SB0302002

Heating and cooling capacity tables

Based on outlet temperature and outside temperature.

Aquarea T-CAP Hydraulic M Series. Three phase · R290

WH-WXG09ME5																		
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	25	25	25	35	35	35	45	45	45	55	55	55	65	65	65	75	75	75
-25	7,90	3,50	2,26	8,20	4,20	1,95	7,90	4,80	1,65	7,60	5,70	1,33	—	—	—	—	—	—
-20	7,90	2,94	2,69	8,20	3,34	2,46	7,90	3,99	1,98	7,60	4,76	1,60	7,10	5,30	1,34	—	—	—
-15	9,00	2,74	3,28	9,00	3,30	2,73	9,00	3,97	2,27	9,00	4,48	2,01	9,00	5,27	1,71	8,20	6,50	1,26
-7	9,00	2,26	3,98	9,00	2,61	3,45	9,00	3,35	2,69	9,00	3,83	2,35	9,00	4,68	1,92	9,00	5,90	1,53
2	8,80	1,95	4,51	9,00	2,36	3,81	9,00	2,91	3,09	9,00	3,54	2,54	9,00	4,29	2,10	9,00	5,50	1,64
7	9,00	1,24	7,26	9,00	1,72	5,23	9,00	2,30	3,91	9,00	2,78	3,24	9,00	3,46	2,60	8,90	4,98	1,79
25	7,20	0,86	8,37	9,00	1,08	8,33	9,00	1,55	5,81	9,00	2,05	4,39	9,00	2,68	3,36	8,40	3,45	2,43
WH-WXG12ME5																		
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	25	25	25	35	35	35	45	45	45	55	55	55	65	65	65	75	75	75
-25	10,20	4,90	2,08	10,50	5,55	1,89	9,50	5,75	1,65	8,65	5,90	1,47	—	—	—	—	—	—
-20	11,00	4,25	2,59	11,20	4,75	2,36	10,00	5,00	2,00	10,00	5,70	1,75	9,10	5,80	1,57	—	—	—
-15	12,00	4,27	2,81	12,00	4,56	2,63	11,50	5,42	2,12	11,00	5,50	2,00	10,00	5,88	1,70	9,00	6,10	1,48
-7	11,50	3,68	3,13	12,00	4,00	3,00	12,00	5,02	2,39	12,00	5,53	2,17	11,00	6,01	1,83	10,00	6,20	1,61
2	11,50	2,92	3,94	12,00	3,39	3,54	12,00	4,20	2,86	12,00	4,95	2,42	12,00	5,94	2,02	10,50	6,20	1,69
7	12,00	1,93	6,22	12,00	2,37	5,06	12,00	3,13	3,83	12,00	3,71	3,23	12,00	4,62	2,60	12,00	6,10	1,97
25	9,80	1,10	8,91	12,00	1,40	8,57	12,00	2,00	6,00	12,00	2,60	4,62	12,00	3,26	3,68	12,00	3,92	3,06
WH-WXG09ME8																		
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	25	25	25	35	35	35	45	45	45	55	55	55	65	65	65	75	75	75
-25	7,90	3,50	2,26	8,20	4,20	1,95	7,90	4,80	1,65	7,60	5,70	1,33	—	—	—	—	—	—
-20	7,90	2,94	2,69	8,20	3,34	2,46	7,90	3,99	1,98	7,60	4,76	1,60	7,10	5,30	1,34	—	—	—
-15	9,00	2,74	3,28	9,00	3,30	2,73	9,00	3,97	2,27	9,00	4,48	2,01	9,00	5,27	1,71	8,20	6,50	1,26
-7	9,00	2,26	3,98	9,00	2,61	3,45	9,00	3,35	2,69	9,00	3,83	2,35	9,00	4,68	1,92	9,00	5,90	1,53
2	8,80	1,95	4,51	9,00	2,36	3,81	9,00	2,91	3,09	9,00	3,54	2,54	9,00	4,29	2,10	9,00	5,50	1,64
7	9,00	1,24	7,26	9,00	1,72	5,23	9,00	2,30	3,91	9,00	2,78	3,24	9,00	3,46	2,60	8,90	4,98	1,79
25	7,20	0,86	8,37	9,00	1,08	8,33	9,00	1,55	5,81	9,00	2,05	4,39	9,00	2,68	3,36	8,40	3,45	2,43
WH-WXG12ME8																		
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	25	25	25	35	35	35	45	45	45	55	55	55	65	65	65	75	75	75
-25	10,20	4,90	2,08	10,50	5,55	1,89	9,80	6,70	1,46	9,70	7,40	1,31	—	—	—	—	—	—
-20	11,00	4,25	2,59	11,20	4,75	2,36	11,00	5,50	2,00	10,20	6,45	1,67	10,30	7,95	1,36	—	—	—
-15	12,00	4,27	2,81	12,00	4,56	2,63	12,00	5,67	2,12	12,00	6,00	2,00	12,00	7,06	1,70	11,00	8,45	1,30
-7	11,50	3,68	3,13	12,00	4,00	3,00	12,00	5,02	2,39	12,00	5,53	2,17	12,00	6,57	1,83	11,60	7,30	1,59
2	11,50	2,92	3,94	12,00	3,39	3,54	12,00	4,20	2,86	12,00	4,95	2,42	12,00	5,94	2,02	12,00	7,30	1,64
7	12,00	1,93	6,22	12,00	2,37	5,06	12,00	3,13	3,83	12,00	3,71	3,23	12,00	4,62	2,60	12,00	6,10	1,97
25	9,80	1,10	8,91	12,00	1,40	8,57	12,00	2,00	6,00	12,00	2,60	4,62	12,00	3,26	3,68	12,00	3,92	3,06
WH-WXG16ME8																		
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	25	25	25	35	35	35	45	45	45	55	55	55	65	65	65	75	75	75
-25	14,20	6,80	2,09	14,20	7,80	1,82	14,20	8,60	1,65	14,00	10,53	1,33	—	—	—	—	—	—
-20	14,20	5,40	2,63	14,20	6,10	2,33	14,20	6,90	2,06	14,20	8,10	1,75	14,20	10,16	1,40	—	—	—
-15	16,00	5,90	2,71	16,00	6,70	2,39	16,00	7,70	2,08	16,00	8,70	1,84	16,00	10,15	1,58	14,20	10,90	1,30
-7	16,00	5,40	2,96	16,00	6,32	2,53	16,00	7,10	2,25	16,00	8,12	1,97	16,00	9,40	1,70	16,00	10,30	1,55
2	16,00	3,63	4,41	16,00	4,85	3,30	16,00	5,88	2,72	16,00	6,75	2,37	16,00	8,15	1,96	16,00	9,99	1,60
7	16,00	2,70	5,93	16,00	3,27	4,89	16,00	4,19	3,82	16,00	5,00	3,20	16,00	6,30	2,54	16,00	7,60	2,11
25	16,00	1,45	11,03	16,00	1,99	8,04	16,00	2,85	5,61	16,00	3,65	4,38	16,00	4,75	3,37	16,00	6,30	2,54

Tamb: Ambient Temperature [°C]. LWC: Leaving Water Condenser Temperature [°C]. HC: Heating Capacity [kW]. CC: Cooling Capacity [kW]. IP: Input Power [kW]. This data is measured by Panasonic in accordance with EN 14511-2 standard. This data is for reference purpose only, and does not guarantee the performance.

Aquarea T-CAP Hydraulic M Series. Three phase · R290

WH-WXG09ME5										
Tamb	CC	IP	EER	CC	IP	EER	CC	IP	EER	CC
LWC	7	7	7	14	14	14	18	18	18	18
16	9,80	2,00	4,90	11,00	2,04	5,39	10,80	1,38	7,83	
25	9,30	2,28	4,08	10,50	2,35	4,47	10,20	1,49	6,85	
35	9,00	2,49	3,61	9,80	2,63	3,73	9,00	1,71	5,26	
43	8,40	2,80	3,00	9,00	2,88	3,13	8,60	2,00	4,30	
WH-WXG12ME5										
Tamb	CC	IP	EER	CC	IP	EER	CC	IP	EER	CC
LWC	7	7	7	14	14	14	18	18	18	18
16	12,00	2,50	4,80	13,70	2,60	5,27	12,00	1,73	6,94	
25	12,00	3,05	3,93	13,50	3,12	4,33	12,00	1,88	6,38	
35	12,00	4,21	2,85	13,20	3,25	4,06	12,00	2,80	4,29	
43	9,60	4,35	2,21	10,00	4,35	2,30	12,00	3,60	3,33	
WH-WXG09ME8										
Tamb	CC	IP	EER	CC	IP	EER	CC	IP	EER	CC
LWC	7	7	7	14	14	14	18	18	18	18
16	9,80	2,00	4,90	11,00	2,04	5,39	10,80	1,38	7,83	
25	9,30	2,28	4,08	10,50	2,35	4,47	10,20	1,49	6,85	
35	9,00	2,49	3,61	9,80	2,63	3,73	9,00	1,71	5,26	
43	8,40	2,80	3,00	9,00	2,88	3,13	8,60	2,00	4,30	
WH-WXG12ME8										
Tamb	CC	IP	EER	CC	IP	EER	CC	IP	EER	CC
LWC	7	7	7	14	14	14	18	18	18	18
16	12,00	2,50	4,80	13,70	2,60	5,27	12,00	1,73	6,94	
25	12,00	3,05	3,93	13,50	3,12	4,33	12,00	1,88	6,38	
35	12,00	4,21	2,85	13,20	3,25	4,06	12,00	2,80	4,29	
43	10,80	4,89	2,21	11,20	4,87	2,30	12,00	3,60	3,33	
WH-WXG16ME8										
Tamb	CC	IP	EER	CC	IP	EER	CC	IP	EER	CC
LWC	7	7	7	14	14	14	18	18	18	18
16	15,50	3,00	5,17	15,80	2,75	5,75	16,00	2,50	6,40	
25	15,00	3,75	4,00	15,50	3,40	4,56	16,00	3,10	5,16	
35	14,50	5,05	2,87	14,50	4,50	3,22	15,50	3,95	3,92	
43	12,00	5,15	2,33	12,00	5,20	2,31	15,00	5,35	2,80	

Tamb: Ambient Temperature [°C]. LWC: Leaving Water Condenser Temperature [°C]. HC: Heating Capacity [kW]. CC: Cooling Capacity [kW]. IP: Input Power [kW]. This data is measured by Panasonic in accordance with EN 14511-2 standard. This data is for reference purpose only, and does not guarantee the performance.

Heating and cooling capacity tables

Based on outlet temperature and outside temperature.

Big Aquarea T-CAP Hydraulic Stand-alone M Series. Three phase · R290

WH-WXG20ME8																					
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP			
LWC	25	25	25	35	35	35	45	45	45	55	55	55	65	65	65	75	75	75			
-25	20,00	9,15	2,19	20,00	11,23	1,78	20,00	13,32	1,50	—	—	—	—	—	—	—	—	—			
-20	20,00	8,55	2,34	20,00	10,50	1,90	20,00	12,45	1,61	20,00	14,40	1,39	On request						—	—	—
-15	20,00	6,80	2,94	20,00	8,53	2,34	20,00	10,27	1,95	20,00	12,00	1,67	20,00	10,45	1,91	—	—	—			
-7	20,00	6,83	2,93	20,00	8,05	2,48	20,00	9,28	2,16	20,00	10,50	1,90	20,00	10,60	1,89	—	—	—			
2	20,00	3,99	5,01	20,00	5,90	3,39	20,00	7,81	2,56	20,00	9,61	2,08	20,00	11,00	1,82	—	—	—			
7	20,00	2,50	8,00	20,00	4,17	4,80	20,00	5,84	3,42	20,00	6,28	3,18	20,00	9,16	2,18	—	—	—			
25	20,00	2,33	8,58	20,00	2,60	7,69	20,00	2,87	6,97	20,00	3,14	6,37	20,00	4,03	4,96	20,00	7,67	2,61			
WH-WXG25ME8																					
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP			
LWC	25	25	25	35	35	35	45	45	45	55	55	55	65	65	65	75	75	75			
-25	22,00	11,34	1,94	23,00	13,80	1,67	24,00	16,26	1,48	—	—	—	—	—	—	—	—	—			
-20	23,00	10,60	2,17	25,00	12,90	1,94	25,00	15,20	1,64	25,00	17,50	1,43	On request						—	—	—
-15	25,00	9,80	2,55	25,00	11,80	2,12	25,00	13,80	1,81	25,00	15,80	1,58	24,00	13,25	1,81	—	—	—			
-7	25,00	7,60	3,29	25,00	10,60	2,36	25,00	13,60	1,84	25,00	13,90	1,80	25,00	14,10	1,77	—	—	—			
2	25,00	6,85	3,65	25,00	8,93	2,80	25,00	11,01	2,27	25,00	12,70	1,97	25,00	13,70	1,82	—	—	—			
7	25,00	3,89	6,43	25,00	5,55	4,50	25,00	7,21	3,47	25,00	8,33	3,00	25,00	11,60	2,16	—	—	—			
25	25,00	3,09	8,09	25,00	3,42	7,31	25,00	3,75	6,67	25,00	4,08	6,13	25,00	5,18	4,83	25,00	9,60	2,60			
WH-WXG30ME8																					
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP			
LWC	25	25	25	35	35	35	45	45	45	55	55	55	65	65	65	75	75	75			
-25	22,00	11,34	1,94	23,00	13,80	1,67	24,00	16,26	1,48	—	—	—	—	—	—	—	—	—			
-20	23,00	10,60	2,17	25,00	12,90	1,94	25,00	15,20	1,64	25,00	17,50	1,43	On request						—	—	—
-15	27,00	13,43	2,01	30,00	15,50	1,94	30,00	17,57	1,71	30,00	19,64	1,53	25,00	14,61	1,71	—	—	—			
-7	29,00	9,70	2,99	30,00	12,90	2,33	30,00	16,10	1,86	30,00	19,30	1,55	30,00	17,10	1,75	—	—	—			
2	30,00	10,10	2,97	30,00	12,00	2,50	30,00	13,90	2,16	30,00	15,40	1,95	30,00	16,70	1,80	—	—	—			
7	30,00	4,88	6,15	30,00	6,82	4,40	30,00	8,76	3,42	30,00	10,00	3,00	30,00	14,00	2,14	—	—	—			
25	30,00	4,33	6,93	30,00	4,60	6,52	30,00	4,87	6,16	30,00	5,14	5,84	30,00	6,49	4,62	25,00	9,60	2,60			

Big Aquarea T-CAP Hydraulic Stand-alone M Series. Three phase · R290

WH-WXG20ME8									
Tamb	CC	IP	EER	CC	IP	EER	CC	IP	EER
LWC	7	7	7	14	14	14	18	18	18
16	20,00	3,22	6,21	20,00	3,10	6,45	20,00	2,99	6,69
25	20,00	4,65	4,30	20,00	4,01	4,99	20,00	3,38	5,92
35	20,00	6,62	3,02	20,00	5,40	3,70	20,00	4,18	4,78
43	20,00	9,06	2,21	20,00	7,37	2,71	20,00	5,68	3,52
WH-WXG25ME8									
Tamb	CC	IP	EER	CC	IP	EER	CC	IP	EER
LWC	7	7	7	14	14	14	18	18	18
16	25,00	4,56	5,48	25,00	4,32	5,79	25,00	4,09	6,11
25	25,00	6,35	3,94	25,00	5,45	4,59	25,00	4,57	5,47
35	25,00	8,74	2,86	25,00	7,17	3,49	25,00	5,59	4,47
43	21,80	9,44	2,31	23,40	8,63	2,71	25,00	7,54	3,32
WH-WXG30ME8									
Tamb	CC	IP	EER	CC	IP	EER	CC	IP	EER
LWC	7	7	7	14	14	14	18	18	18
16	28,00	5,14	5,45	29,00	5,19	5,59	30,00	5,23	5,74
25	28,00	6,84	4,09	29,00	6,38	4,55	30,00	5,92	5,07
35	26,00	9,70	2,68	28,00	8,51	3,29	30,00	7,32	4,10
43	21,80	9,44	2,31	25,90	9,60	2,70	30,00	9,76	3,07

Tamb: Ambient Temperature (°C). LWC: Leaving Water Condenser Temperature (°C). HC: Heating Capacity (kW). CC: Cooling Capacity (kW). IP: Input Power (kW). This data is measured by Panasonic in accordance with EN 14511-2 standard. This data is for reference purpose only, and does not guarantee the performance.
*Data to be confirmed.

Aquarea T-CAP Mono-bloc J Series. Single phase / Three phase - MXC · R32

WH-MXC09J3E5-1																		
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	25	25	25	35	35	35	45	45	45	55	55	55	60	60	60	60	60	60
-20	9,00	3,44	2,62	9,00	3,95	2,28	9,00	4,65	1,94	7,90	5,58	1,42	—	—	—	—	—	—
-15	9,00	2,98	3,02	9,00	3,41	2,64	9,00	4,04	2,23	9,00	4,83	1,86	8,70	5,37	1,62	—	—	—
-7	10,50	2,72	3,86	9,00	2,92	3,08	9,00	3,54	2,54	9,00	4,24	2,12	9,00	4,62	1,95	—	—	—
2	10,80	2,14	5,05	9,00	2,36	3,81	9,00	2,91	3,09	9,00	3,55	2,54	9,00	4,05	2,22	—	—	—
7	9,00	1,38	6,52	9,00	1,77	5,08	9,00	2,37	3,80	9,00	2,92	3,08	9,00	3,29	2,74	—	—	—
25	9,00	0,77	11,69	9,00	1,00	9,00	10,00	1,67	5,99	10,00	2,28	4,39	11,00	2,86	3,85	—	—	—
WH-MXC12J6E5-1																		
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	25	25	25	35	35	35	45	45	45	55	55	55	60	60	60	60	60	60
-20	12,00	5,02	2,39	12,00	5,80	2,07	11,00	5,95	1,85	10,00	6,50	1,54	—	—	—	—	—	—
-15	12,00	4,14	2,90	12,00	4,83	2,48	11,00	5,20	2,12	10,50	6,00	1,75	8,90	6,30	1,41	—	—	—
-7	13,50	4,30	3,14	12,00	4,25	2,82	12,00	5,02	2,39	12,00	6,00	2,00	11,00	6,30	1,75	—	—	—
2	14,50	3,23	4,49	12,00	3,40	3,53	12,00	4,20	2,86	12,00	4,95	2,42	12,00	5,77	2,08	—	—	—
7	12,00	2,00	6,00	12,00	2,50	4,80	12,00	3,24	3,70	12,00	3,94	3,05	12,00	4,52	2,65	—	—	—
25	12,00	1,20	10,00	12,00	1,49	8,05	12,00	2,10	5,71	12,00	2,75	4,36	12,00	3,11	3,86	—	—	—
WH-MXC09J3E8-1																		
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	25	25	25	35	35	35	45	45	45	55	55	55	60	60	60	60	60	60
-20	9,00	3,44	2,62	9,00	3,95	2,28	9,00	4,65	1,94	7,90	5,58	1,42	—	—	—	—	—	—
-15	9,00	2,98	3,02	9,00	3,41	2,64	9,00	4,04	2,23	9,00	4,83	1,86	8,70	5,37	1,62	—	—	—
-7	10,50	2,72	3,86	9,00	2,92	3,08	9,00	3,54	2,54	9,00	4,24	2,12	9,00	4,62	1,95	—	—	—
2	10,80	2,14	5,05	9,00	2,36	3,81	9,00	2,91	3,09	9,00	3,55	2,54	9,00	4,05	2,22	—	—	—
7	9,00	1,38	6,52	9,00	1,77	5,08	9,00	2,37	3,80	9,00	2,92	3,08	9,00	3,29	2,74	—	—	—
25	9,00	0,77	11,69	9,00	1,00	9,00	10,00	1,67	5,99	10,00	2,28	4,39	11,00	2,86	3,85	—	—	—
WH-MXC12J9E8-1																		
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	25	25	25	35	35	35	45	45	45	55	55	55	60	60	60	60	60	60
-20	12,00	5,02	2,39	12,00	5,80	2,07	10,50	5,75	1,83	9,20	5,80	1,59	—	—	—	—	—	—
-15	12,00	4,14	2,90	12,00	4,83	2,48	12,00	5,67	2,12	11,10	6,35	1,75	8,70	6,20	1,40	—	—	—
-7	13,50	4,30	3,14	12,00	4,25	2,82	12,00	5,02	2,39	12,00	6,00	2,00	11,00	6,30	1,75	—	—	—
2	14,50	3,23	4,49	12,00	3,40	3,53	12,00	4,20	2,86	12,00	4,95	2,42	12,00	5,77	2,08	—	—	—
7	12,00	2,00	6,00	12,00	2,50	4,80	12,00	3,24	3,70	12,00	3,94	3,05	12,00	4,52	2,65	—	—	—
25	12,00	1,20	10,00	12,00	1,49	8,05	12,00	2,10	5,71	12,00	2,75	4,36	12,00	3,11	3,86	—	—	—
WH-MXC16J9E8-1																		
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	25	25	25	35	35	35	45	45	45	55	55	55	60	60	60	60	60	60
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Heating and cooling capacity tables

Based on outlet temperature and outside temperature.

Aquarea High Performance Hydraulic L Series. Single phase · R290

WH-WDG05LE5															
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	35	35	35	45	45	45	55	55	55	65	65	65	75	75	75
-25	2,45	1,76	1,39	3,80	2,30	1,65	3,60	2,46	1,46	—	—	—	—	—	—
-20	4,70	2,19	2,15	4,50	2,37	1,90	4,25	2,57	1,65	—	—	—	—	—	—
-15	5,00	1,94	2,58	5,00	2,31	2,16	5,00	2,63	1,90	4,60	2,88	1,60	—	—	—
-7	5,00	1,66	3,01	5,00	1,94	2,58	5,00	2,36	2,12	5,00	2,62	1,91	4,30	2,87	1,50
2	5,00	1,42	3,52	5,00	1,71	2,92	5,00	2,14	2,34	5,00	2,54	1,97	4,60	2,76	1,67
7	5,00	0,99	5,05	5,00	1,27	3,94	5,00	1,63	3,07	5,00	2,03	2,46	4,70	2,57	1,83
WH-WDG07LE5															
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	35	35	35	45	45	45	55	55	55	65	65	65	75	75	75
-25	4,75	2,53	1,88	4,30	2,66	1,62	3,95	2,78	1,42	—	—	—	—	—	—
-20	5,50	2,56	2,15	5,10	2,75	1,85	4,90	2,97	1,65	—	—	—	—	—	—
-15	6,00	2,50	2,40	5,50	2,60	2,12	5,20	2,89	1,80	4,80	3,00	1,60	—	—	—
-7	5,80	1,93	3,01	5,80	2,32	2,50	5,80	2,74	2,12	5,70	3,16	1,80	4,80	3,56	1,35
2	6,85	2,00	3,43	6,60	2,34	2,82	6,25	2,67	2,34	5,60	2,80	2,00	5,00	3,13	1,60
7	7,00	1,42	4,93	7,00	1,90	3,68	7,00	2,35	2,98	6,60	2,85	2,32	6,30	3,40	1,85
WH-WDG09LE5															
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	35	35	35	45	45	45	55	55	55	65	65	65	75	75	75
-25	6,05	3,43	1,76	5,25	3,28	1,60	4,65	3,15	1,48	—	—	—	—	—	—
-20	7,00	3,56	1,97	6,20	3,50	1,77	5,60	3,43	1,63	—	—	—	—	—	—
-15	7,40	3,20	2,31	6,80	3,40	2,00	6,30	3,55	1,77	5,60	3,55	1,58	—	—	—
-7	7,00	2,50	2,80	7,00	2,98	2,35	7,00	3,29	2,13	6,50	3,53	1,84	5,40	3,56	1,52
2	7,00	2,05	3,41	7,00	2,50	2,80	7,00	2,90	2,41	6,70	3,35	2,00	5,70	3,40	1,68
7	9,00	1,98	4,55	9,00	2,58	3,49	8,90	2,94	3,03	8,90	3,56	2,50	7,30	3,56	2,05

Aquarea High Performance Hydraulic L Series. Single phase · R290

WH-WDG05LE5									
Tamb	CC	IP	EER	CC	IP	EER	CC	IP	EER
LWC	7	7	7	14	14	14	18	18	18
16	6,00	1,01	5,94	7,50	1,05	7,14	6,00	0,67	8,96
25	5,70	1,20	4,75	7,00	1,20	5,83	5,70	0,78	7,31
35	5,00	1,55	3,23	6,30	1,44	4,38	5,00	1,00	5,00
43	4,50	1,60	2,81	5,60	1,64	3,41	4,50	1,12	4,02
WH-WDG07LE5									
Tamb	CC	IP	EER	CC	IP	EER	CC	IP	EER
LWC	7	7	7	14	14	14	18	18	18
16	7,00	1,36	5,15	8,50	1,39	6,12	8,00	1,04	7,69
25	7,00	1,65	4,24	8,00	1,57	5,10	7,50	1,18	6,36
35	7,00	2,31	3,03	8,00	2,26	3,54	7,00	1,48	4,73
43	6,00	2,50	2,40	7,00	2,60	2,69	5,70	1,70	3,35
WH-WDG09LE5									
Tamb	CC	IP	EER	CC	IP	EER	CC	IP	EER
LWC	7	7	7	14	14	14	18	18	18
16	9,00	2,00	4,50	11,00	2,12	5,19	11,00	1,80	6,11
25	9,00	2,50	3,60	11,00	2,60	4,23	10,00	1,85	5,41
35	8,20	2,91	2,82	10,00	3,10	3,23	9,00	2,15	4,19
43	6,40	2,67	2,40	7,40	2,70	2,74	8,20	2,50	3,28

Tamb: Ambient Temperature [°C]. LWC: Leaving Water Condenser Temperature [°C]. HC: Heating Capacity [kW]. CC: Cooling Capacity [kW]. IP: Input Power [kW]. This data is measured by Panasonic in accordance with EN 14511-2 standard. This data is for reference purpose only, and does not guarantee the performance.

Aquarea High Performance Hydraulic M Series. Single phase · R290

WH-WDG12ME5															
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	35	35	35	45	45	45	55	55	55	65	65	65	75	75	75
-25	7,20	3,85	1,87	7,10	4,68	1,52	7,10	5,68	1,25	—	—	—	—	—	—
-20	8,10	3,85	2,10	7,80	4,49	1,74	7,80	5,21	1,50	7,35	6,40	1,15	—	—	—
-15	9,40	3,78	2,49	9,00	4,44	2,03	8,80	5,20	1,69	8,60	6,40	1,34	6,40	6,20	1,03
-7	10,50	3,50	3,00	10,20	4,43	2,30	10,00	5,08	1,97	9,80	6,40	1,53	7,90	6,40	1,23
2	12,50	3,71	3,37	12,00	4,35	2,76	12,00	5,29	2,27	11,00	6,20	1,77	9,00	6,20	1,45
7	14,80	3,14	4,71	14,20	3,88	3,66	14,10	4,67	3,02	12,90	5,56	2,32	11,00	6,40	1,72
WH-WDG16ME5															
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	35	35	35	45	45	45	55	55	55	65	65	65	75	75	75
-25	8,30	4,68	1,77	7,55	5,05	1,50	7,15	5,70	1,25	—	—	—	—	—	—
-20	9,00	4,36	2,06	8,45	4,92	1,72	8,20	5,57	1,47	7,35	6,40	1,15	—	—	—
-15	10,50	4,38	2,40	9,90	4,95	2,00	9,30	5,57	1,67	8,60	6,40	1,34	6,40	6,20	1,03
-7	11,70	4,45	2,63	11,30	5,14	2,20	10,80	5,68	1,90	9,80	6,40	1,53	7,90	6,40	1,23
2	13,00	3,94	3,30	12,20	4,45	2,74	12,00	5,29	2,27	11,00	6,20	1,77	9,00	6,20	1,45
7	16,00	3,44	4,65	16,00	4,51	3,55	14,70	4,90	3,00	14,70	6,40	2,30	11,00	6,40	1,72

Aquarea High Performance Hydraulic M Series. Single phase · R290

WH-WDG12ME5									
Tamb	CC	IP	EER	CC	IP	EER	CC	IP	EER
LWC	7	7	7	14	14	14	18	18	18
16	12,50	2,40	5,21	16,00	2,55	6,27	13,50	1,64	8,23
25	12,00	2,88	4,17	16,00	3,04	5,26	13,00	1,77	7,34
35	12,00	3,70	3,24	15,00	3,90	3,85	12,00	2,40	5,00
43	10,50	4,08	2,57	13,00	4,08	3,19	11,00	2,76	3,99
WH-WDG16ME5									
Tamb	CC	IP	EER	CC	IP	EER	CC	IP	EER
LWC	7	7	7	14	14	14	18	18	18
16	12,50	2,40	5,21	16,00	2,55	6,27	17,50	2,36	7,42
25	12,00	2,88	4,17	16,00	3,04	5,26	16,70	2,66	6,28
35	14,00	4,38	3,20	17,00	4,52	3,76	15,50	3,27	4,74
43	10,50	4,08	2,57	13,00	4,08	3,19	13,80	3,77	3,66

Tamb: Ambient Temperature [°C]. LWC: Leaving Water Condenser Temperature [°C]. HC: Heating Capacity [kW]. CC: Cooling Capacity [kW]. IP: Input Power [kW]. This data is measured by Panasonic in accordance with EN 14511-2 standard. This data is for reference purpose only, and does not guarantee the performance.

Heating and cooling capacity tables

Based on outlet temperature and outside temperature.

Aquarea High Performance Mono-bloc J Series. Single phase - MDC · R32

WH-MDC05J3E5-1															
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	25	25	25	35	35	35	45	45	45	55	55	55	60	60	60
-20	4,37	1,73	2,53	4,16	2,03	2,05	3,84	2,37	1,62	3,43	2,64	1,30	—	—	—
-15	5,13	1,78	2,88	5,00	2,17	2,30	4,75	2,51	1,89	3,70	2,45	1,51	—	—	—
-7	5,17	1,49	3,47	5,00	1,80	2,78	4,80	2,16	2,22	5,00	2,70	1,85	4,68	2,71	1,73
2	5,00	1,11	4,50	5,00	1,40	3,57	5,00	1,81	2,76	5,00	2,20	2,27	4,80	2,40	2,00
7	5,09	0,78	6,53	5,00	0,99	5,05	5,00	1,31	3,82	5,00	1,66	3,01	4,58	1,90	2,41
25	4,96	0,77	6,44	5,04	0,90	5,60	5,31	1,16	4,58	5,61	1,34	4,19	5,15	1,33	3,87
WH-MDC07J3E5-1															
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	25	25	25	35	35	35	45	45	45	55	55	55	60	60	60
-20	4,86	2,03	2,39	4,66	2,35	1,98	4,44	2,75	1,61	4,23	3,13	1,35	—	—	—
-15	5,80	2,11	2,75	5,60	2,40	2,33	5,30	2,84	1,87	5,00	3,32	1,51	—	—	—
-7	6,76	2,07	3,27	6,80	2,42	2,81	6,30	2,82	2,23	6,30	3,39	1,86	4,74	2,76	1,72
2	6,83	1,66	4,11	7,00	2,06	3,40	6,85	2,50	2,74	6,30	2,92	2,16	4,80	2,40	2,00
7	7,32	1,19	6,15	7,00	1,47	4,76	7,00	1,96	3,57	7,00	2,48	2,82	6,18	2,44	2,53
25	6,80	0,64	10,63	6,67	0,93	7,17	6,79	1,38	4,92	6,70	1,80	3,72	6,22	1,78	3,49
WH-MDC09J3E5-1															
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	25	25	25	35	35	35	45	45	45	55	55	55	60	60	60
-20	5,33	2,36	2,26	6,43	3,60	1,79	5,78	3,83	1,51	4,83	3,64	1,33	—	—	—
-15	7,76	3,20	2,43	7,60	3,41	2,23	7,00	3,71	1,89	5,60	3,80	1,47	—	—	—
-7	7,39	2,45	3,02	7,50	2,85	2,63	7,30	3,37	2,17	7,00	3,89	1,80	6,44	3,67	1,75
2	7,38	1,89	3,90	7,45	2,38	3,13	7,00	2,85	2,46	7,00	3,30	2,12	5,46	2,72	2,01
7	9,15	1,59	5,75	9,00	2,01	4,48	9,00	2,61	3,45	8,95	3,22	2,78	7,25	2,87	2,53
25	8,02	0,98	8,18	7,88	1,32	5,97	8,46	1,86	4,55	7,60	2,03	3,74	6,30	1,87	3,37

Aquarea High Performance Mono-bloc J Series. Single phase - MDC · R32

WH-MDC05J3E5-1									
Tamb	CC	IP	EER	CC	IP	EER	CC	IP	EER
LWC	7	7	7	14	14	14	18	18	18
16	5,18	0,82	6,32	6,17	0,84	7,35	5,78	0,60	9,63
25	5,38	1,22	4,41	6,64	1,25	5,31	5,55	0,78	7,12
35	5,00	1,54	3,25	5,86	1,61	3,64	5,00	0,99	5,05
43	4,19	1,85	2,26	5,36	1,92	2,79	4,37	1,30	3,36
WH-MDC07J3E5-1									
Tamb	CC	IP	EER	CC	IP	EER	CC	IP	EER
LWC	7	7	7	14	14	14	18	18	18
16	5,38	0,83	6,48	6,69	0,85	7,87	7,65	0,76	10,07
25	6,96	1,82	3,82	9,06	1,98	4,58	7,58	1,23	6,16
35	7,00	2,29	3,06	8,37	2,47	3,39	7,00	1,48	4,73
43	5,60	2,55	2,20	6,87	2,58	2,66	6,10	1,88	3,24
WH-MDC09J3E5-1									
Tamb	CC	IP	EER	CC	IP	EER	CC	IP	EER
LWC	7	7	7	14	14	14	18	18	18
16	6,89	1,21	5,69	8,65	1,23	7,03	9,82	1,19	8,25
25	9,50	2,84	3,35	11,55	3,06	3,77	9,68	1,82	5,32
35	9,00	3,32	2,71	10,10	3,51	2,88	9,00	2,12	4,25
43	5,42	2,56	2,12	6,56	2,56	2,56	7,40	2,56	2,89

Tamb: Ambient Temperature (°C). LWC: Leaving Water Condenser Temperature (°C). HC: Heating Capacity (kW). CC: Cooling Capacity (kW). IP: Input Power (kW). This data is measured by Panasonic in accordance with EN 14511-2 standard. This data is for reference purpose only, and does not guarantee the performance.

Aquarea T-CAP Bi-bloc K Series. Single phase / Three phase · R32

WH-UXZ09KE5												
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	35	35	35	45	45	45	55	55	55	60	60	60
-20	8,80	4,79	1,84	8,80	5,30	1,66	8,55	5,90	1,45	—	—	—
-15	9,00	3,45	2,61	9,00	4,30	2,09	9,00	4,95	1,82	—	—	—
-7	9,00	3,00	3,00	9,00	3,82	2,36	9,00	4,28	2,10	9,00	4,72	1,91
2	9,00	2,44	3,69	9,00	3,05	2,95	9,00	3,90	2,31	9,00	4,05	2,22
7	9,00	1,79	5,03	9,00	2,42	3,72	9,00	2,93	3,07	9,00	3,43	2,62
25	7,95	1,20	6,63	9,00	1,56	5,77	11,30	3,13	3,61	11,00	2,86	3,85
WH-UXZ12KE5												
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	35	35	35	45	45	45	55	55	55	60	60	60
-20	11,50	6,05	1,90	10,20	6,02	1,69	8,70	6,00	1,45	—	—	—
-15	12,00	4,90	2,45	11,00	5,38	2,04	10,50	6,20	1,69	—	—	—
-7	12,00	4,41	2,72	12,00	5,54	2,17	12,00	6,00	2,00	11,00	6,30	1,75
2	12,00	3,49	3,44	12,00	4,25	2,82	12,00	5,24	2,29	12,00	5,77	2,08
7	12,10	2,50	4,84	12,10	3,38	3,58	12,10	3,98	3,04	12,00	4,52	2,65
25	10,90	1,61	6,77	10,87	2,44	4,45	11,30	3,13	3,61	12,00	3,11	3,86
WH-UXZ09KE8 / WH-UQZ09KE8												
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	35	35	35	45	45	45	55	55	55	60	60	60
-20	8,80	4,79	1,84	8,80	5,30	1,66	8,55	5,90	1,45	—	—	—
-15	9,00	3,45	2,61	9,00	4,30	2,09	9,00	4,95	1,82	—	—	—
-7	9,00	3,00	3,00	9,00	3,82	2,36	9,00	4,28	2,10	9,00	4,72	1,91
2	9,00	2,44	3,69	9,00	3,05	2,95	9,00	3,90	2,31	9,00	4,05	2,22
7	9,00	1,79	5,03	9,00	2,42	3,72	9,00	2,93	3,07	9,00	3,43	2,62
25	7,95	1,20	6,63	9,00	1,56	5,77	11,30	3,13	3,61	11,00	2,86	3,85
WH-UXZ12KE8 / WH-UQZ12KE8												
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	35	35	35	45	45	45	55	55	55	60	60	60
-20	11,50	6,05	1,90	10,20	6,02	1,69	8,70	6,00	1,45	—	—	—
-15	12,00	4,90	2,45	11,00	5,38	2,04	10,50	6,20	1,69	—	—	—
-7	12,00	4,41	2,72	12,00	5,54	2,17	12,00	5,24	2,29	11,80	6,59	1,79
2	12,00	3,49	3,44	12,00	4,25	2,82	12,00	5,24	2,29	12,00	5,77	2,08
7	12,10	2,50	4,84	12,10	3,38	3,58	12,10	3,98	3,04	12,00	4,52	2,65
25	10,90	1,61	6,77	10,87	2,44	4,45	11,30	3,13	3,61	12,00	3,11	3,86
WH-UXZ16KE8 / WH-UQZ16KE8												
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	35	35	35	45	45	45	55	55	55	60	60	60
-20	16,00	8,20	1,95	15,00	9,00	1,67	12,00	9,30	1,29	—	—	—
-15	16,00	6,91	2,32	16,00	8,44	1,90	16,00	9,97	1,60	—	—	—
-7	16,00	6,70	2,39	16,00	7,85	2,04	16,00	9,33	1,71	15,00	9,70	1,55
2	16,00	5,16	3,10	16,00	6,40	2,50	16,00	7,72	2,07	16,00	9,20	1,74
7	16,00	3,65	4,38	16,00	4,72	3,39	16,00	5,88	2,72	15,20	5,90	2,58
25	16,00	2,30	6,96	16,00	3,20	5,00	16,00	4,00	4,00	14,50	4,30	3,37

Aquarea T-CAP Bi-bloc K Series. Single phase / Three phase · R32

Outdoor	WH-UXZ09KE5									WH-UXZ12KE5								
	CC	IP	EER	CC	IP	EER	CC	IP	EER	CC	IP	EER	CC	IP	EER	CC	IP	EER
LWC	7	7	7	14	14	14	18	18	18	7	7	7	14	14	14	18	18	18
25	8,98	2,37	3,79	10,60	2,41	4,40	9,00	1,57	5,73	11,10	3,35	3,31	13,03	3,43	3,80	11,63	2,34	4,97
35	8,80	2,83	3,11	9,07	3,01	3,01	8,80	1,90	4,63	10,70	4,00	2,68	11,42	4,20	2,72	10,70	2,73	3,92
43	6,48	3,27	1															

Heating and cooling capacity tables

Based on outlet temperature and outside temperature.

Aquarea High Performance Bi-bloc K Series. Single phase · R32

WH-UDZ03KE5															
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	25	25	25	35	35	35	45	45	45	55	55	55	60	60	60
-20	2,50	1,11	2,25	2,52	1,31	1,92	2,24	1,59	1,41	2,12	1,80	1,18	—	—	—
-15	3,00	1,14	2,63	3,20	1,37	2,34	3,00	1,62	1,85	2,75	1,92	1,43	—	—	—
-7	2,99	0,91	3,29	3,30	1,18	2,80	3,25	1,47	2,21	3,20	1,79	1,79	3,00	1,88	1,60
2	2,92	0,69	4,23	3,20	0,88	3,64	3,20	1,13	2,83	3,20	1,46	2,19	3,15	1,67	1,89
7	3,09	0,49	6,31	3,20	0,60	5,33	3,20	0,84	3,81	3,20	1,14	2,81	2,95	1,22	2,42
WH-UDZ05KE5															
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	25	25	25	35	35	35	45	45	45	55	55	55	60	60	60
-20	—	—	—	4,05	1,95	2,08	3,76	2,20	1,71	3,39	2,48	1,37	—	—	—
-15	—	—	—	5,00	2,11	2,37	4,75	2,49	1,91	4,30	2,61	1,65	—	—	—
-7	—	—	—	5,00	1,79	2,79	5,00	2,14	2,34	5,00	2,65	1,89	4,68	2,71	1,73
2	—	—	—	5,00	1,40	3,57	5,00	1,79	2,79	5,00	2,18	2,29	4,80	2,40	2,00
7	—	—	—	5,00	0,98	5,10	5,00	1,31	3,82	5,00	1,65	3,03	4,58	1,90	2,41
WH-UDZ07KE5															
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	25	25	25	35	35	35	45	45	45	55	55	55	60	60	60
-20	—	—	—	4,45	2,12	2,10	4,23	2,48	1,71	3,90	2,85	1,37	—	—	—
-15	—	—	—	5,60	2,38	2,35	5,30	2,78	1,91	5,00	3,20	1,56	—	—	—
-7	—	—	—	5,75	1,95	2,95	5,65	2,30	2,46	5,35	2,70	1,98	4,98	2,90	1,72
2	—	—	—	6,85	2,00	3,43	6,75	2,40	2,81	6,25	2,80	2,23	6,18	2,91	2,12
7	—	—	—	7,00	1,44	4,86	7,00	1,92	3,65	7,00	2,40	2,92	6,86	2,73	2,51
WH-UDZ09KE5															
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	25	25	25	35	35	35	45	45	45	55	55	55	60	60	60
-20	—	—	—	4,95	2,43	2,04	4,58	2,70	1,70	4,04	3,00	1,35	—	—	—
-15	—	—	—	7,40	3,20	2,31	6,45	3,28	1,97	5,40	3,42	1,58	—	—	—
-7	—	—	—	6,25	2,20	2,84	6,10	2,68	2,28	5,90	3,06	1,93	5,65	3,24	1,74
2	—	—	—	7,00	2,06	3,40	6,85	2,50	2,74	6,30	2,89	2,18	7,26	3,31	2,19
7	—	—	—	9,00	1,98	4,55	9,00	2,58	3,49	8,90	3,04	2,93	8,60	3,42	2,51
WH-UDZ12KE5															
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	25	25	25	35	35	35	45	45	45	55	55	55	60	60	60
-20	—	—	—	8,80	4,42	1,99	8,00	4,95	1,62	7,00	5,65	1,24	—	—	—
-15	—	—	—	9,10	3,70	2,46	8,20	4,00	2,05	7,20	4,21	1,71	—	—	—
-7	—	—	—	10,10	3,69	2,74	9,30	4,29	2,17	8,40	4,27	1,97	7,30	4,40	1,66
2	—	—	—	11,50	3,34	3,44	10,70	3,78	2,83	9,20	4,09	2,25	8,20	4,40	1,86
7	—	—	—	12,10	2,53	4,78	12,00	3,38	3,55	12,00	4,06	2,96	10,20	4,26	2,39

Tamb: Ambient Temperature [°C]. LWC: Leaving Water Condenser Temperature [°C]. HC: Heating Capacity [kW]. CC: Cooling Capacity [kW]. IP: Input Power [kW].
This data is measured by Panasonic in accordance with EN 14511-2 standard. This data is for reference purpose only, and does not guarantee the performance.

Aquarea High Performance Bi-bloc K Series. Single phase · R32

WH-UDZ03KE5									
Tamb	CC	IP	EER	CC	IP	EER	CC	IP	EER
LWC	7	7	7	14	14	14	18	18	18
16	3,56	0,57	6,25	4,32	0,55	7,85	3,47	0,41	8,46
25	3,29	0,73	4,51	4,06	0,72	5,64	3,27	0,52	6,29
35	3,20	0,91	3,52	3,56	0,93	3,83	3,20	0,68	4,71
43	2,68	1,06	2,53	3,34	1,09	3,06	2,79	0,82	3,40
WH-UDZ05KE5									
Tamb	CC	IP	EER	CC	IP	EER	CC	IP	EER
LWC	7	7	7	14	14	14	18	18	18
25	5,47	1,37	3,99	6,62	1,39	4,76	5,54	0,80	6,93
35	5,00	1,64	3,05	6,69	1,76	3,80	5,00	1,02	4,90
43	4,18	1,83	2,28	5,54	1,84	3,01	4,45	1,27	3,50
WH-UDZ07KE5									
Tamb	CC	IP	EER	CC	IP	EER	CC	IP	EER
LWC	7	7	7	14	14	14	18	18	18
25	6,32	1,72	3,67	8,16	1,93	4,23	6,63	1,12	5,92
35	6,70	2,21	3,03	8,19	2,42	3,38	6,70	1,42	4,72
43	5,72	2,62	2,18	7,47	2,80	2,67	6,15	1,78	3,46
WH-UDZ09KE5									
Tamb	CC	IP	EER	CC	IP	EER	CC	IP	EER
LWC	7	7	7	14	14	14	18	18	18
25	8,31	2,50	3,32	10,43	2,67	3,91	8,85	1,72	5,15
35	8,20	3,02	2,72	10,28	3,25	3,16	9,00	2,15	4,19
43	5,00	2,15	2,33	6,38	2,15	2,97	7,02	2,14	3,28
WH-UDZ12KE5									
Tamb	CC	IP	EER	CC	IP	EER	CC	IP	EER
LWC	7	7	7	14	14	14	18	18	18
25	10,20	3,62	2,82	12,00	3,70	3,24	10,80	2,53	4,27
35	10,70	4,00	2,68	10,70	4,54	2,36	10,70	2,73	3,92
43	6,10	3,55	1,72	7,20	3,56	2,02	8,00	3,55	2,25

Tamb: Ambient Temperature [°C]. LWC: Leaving Water Condenser Temperature [°C]. HC: Heating Capacity [kW]. CC: Cooling Capacity [kW]. IP: Input Power [kW].
This data is measured by Panasonic in accordance with EN 14511-2 standard. This data is for reference purpose only, and does not guarantee the performance.

Aquarea EcoFlex. Single phase · R32

CU-2WZ71YBE5												
Tamb	HC	IP	COP	HC	IP	COP	HC	IP	COP	HC	IP	COP
LWC	25	25	25	35	35	35	45	45	45	55	55	55
-15	4,85	2,15	2,26	4,75	2,28	2,08	4,65	2,44	1,91	4,50	3,20	1,41
-7	5,40	1,70	3,18	5,60	1,97	2,84	5,60	2,40	2,33	5,30	2,78	1,91
2	6,50	1,77	3,67	6,70	2,06	3,25	6,60	2,45	2,69	6,00	2,89	2,08
7	8,16	1,63	5,01	8,00	1,90	4,21	8,00	2,30	3,48	8,00	2,85	2,81
12	8,22	1,28	6,42	8,00	1,52	5,26	8,00	2,00	4,00	8,00	2,60	3,08

Features explained

Energy saving.



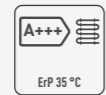
NATURAL REFRIGERANT R290 WITH GWP 0,02. Natural refrigerant R290 has low Global Warming Potential (GWP) of just 0,02, helping reduce CO₂ emissions and environmental impact.



REFRIGERANT R32. Our heat pumps containing R32 refrigerant show a drastic reduction in the value of Global Warming Potential (GWP).



BETTER EFFICIENCY AND VALUE FOR MEDIUM TEMPERATURE APPLICATIONS. Energy efficiency class up to A++ in a scale from A+++ to D.



BETTER EFFICIENCY AND VALUE FOR LOW TEMPERATURE APPLICATIONS. Energy efficiency class up to A+++ in a scale from A+++ to D.



BETTER EFFICIENCY AND VALUE FOR DOMESTIC HOT WATER. Energy efficiency class up to A+ in a scale from A+ to F.



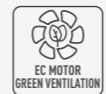
INVERTER PLUS SYSTEM. Inverter Plus system classification highlights Panasonic's highest performing systems.



A CLASS WATER PUMP. Aquarea are built-in with A class energy efficiency water pump. High-efficiency circulating the water in the heating installation.

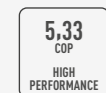


ERP 2018. Compliant following COMMISSION REGULATION (EU) No2016/2281.



EC MOTOR GREEN VENTILATION. Range of fan coils with improved efficiency and optional EC fan motors.

High performance and indoor air quality.



AQUAREA HIGH PERFORMANCE FOR LOW CONSUMPTION HOUSES. From 3 to 16 kW. For a house with low temperature radiators or under-floor heating, our high performance Aquarea HP is a good solution. *COP of 5,33 for 3 kW K series.



AQUAREA T-CAP FOR EXTREMELY LOW TEMPERATURES. From 9 to 16 kW. It can work at outdoor temperatures as low as -28 °C and maintain the rated capacity down to -15 °C at 55 °C water flow.



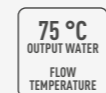
DHW. With Aquarea Heat Pumps, DHW can be produced efficiently, achieving high DHW COP of 3,6 with the L Series All in One indoor unit.



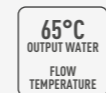
DOWN TO -20 °C IN HEATING MODE. The heat pumps operate in heating mode with an outside temperature down to -20 °C.



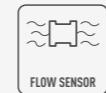
WATER FILTER WITH MAGNET. Easy access and fast clip technology for J Series onwards. Water filter only for H Series.



75 °C OUTPUT WATER. Reaches water outlet temperature up to 75 °C for L and M Series.



65 °C OUTPUT WATER. Reaches water outlet temperature up to 65 °C.

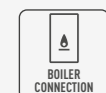


WATER FLOW SENSOR. Included on H Series onwards.



5 YEARS COMPRESSOR WARRANTY. We guarantee the outdoor unit compressors in the entire range for five years.

High connectivity.



RENOVATION. Our Aquarea Heat Pumps can be connected to an existing or new boiler for optimum comfort even at very low outdoor temperatures.



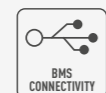
SOLAR KIT. For even greater efficiency, Aquarea Heat Pumps can be connected to photovoltaic solar panels with the optional PCB.



ADVANCED CONTROL. Remote controller with full dotted 3,5" wide back light screen. Menu with 17 available languages easy to use for installer and user. Included on H Series onwards.



INTERNET CONTROL. The Panasonic Comfort Cloud App allows users to conveniently manage and monitor Panasonic residential heat pumps from a mobile device, anytime, anywhere.



BMS CONNECTIVITY. Aquarea Heat Pumps offer seamless integration into a Building Management System (BMS) using an optional gateway.



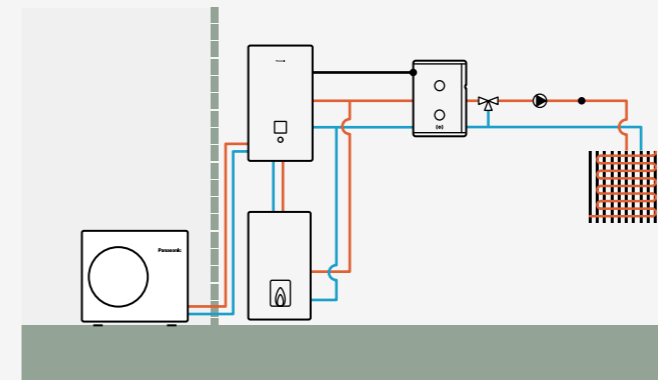
Aquarea H and J Series heat pumps in combination with the optional PCB CZ-NSP4 hold the SG Ready Label (Smart Grid Ready Label), given by Bundesverband Wärmepumpe (German Heat Pump Association). This Label shows the real capacity of Aquarea to be connected in an intelligent grid control. MCS Certificate number: MCS HP0086*. Keymark: Check all our certified heat pumps on: www.heatpumpkeymark.com. Passive House Institute: Certified models can be checked in <https://database.passivehouse.com>.

*Not all products certified. As the certification process is on-going and the list of certified products constantly changing, please check for latest details on the official websites.

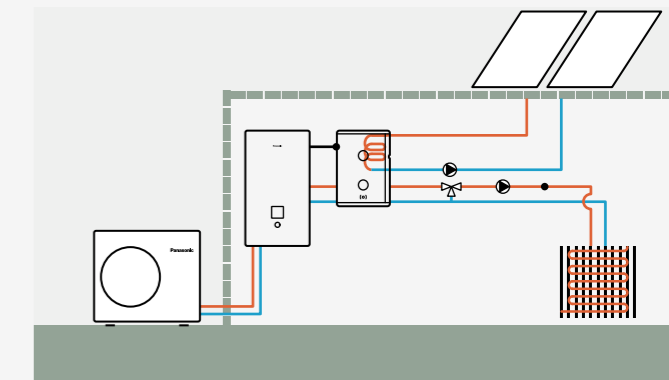
Warning on quality of water and groundwater use: This product is designed to comply with the European drinking water standard (EU) 2020/2184. The lifespan of the product is not guaranteed in the case of the use of groundwater, such as spring water or well water, the use of tap water when salt or other impurities are contained, nor in areas of acidic water quality. Maintenance and warranty costs related to these cases are the customer's responsibility.

Examples of installations

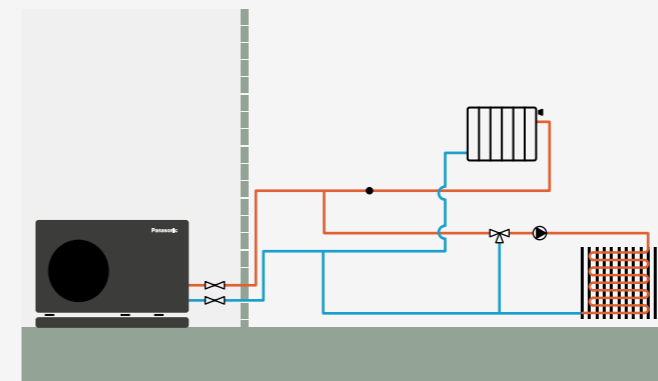
Aquarea Split Bi-bloc: Bivalent with buffer tank and mixing valve



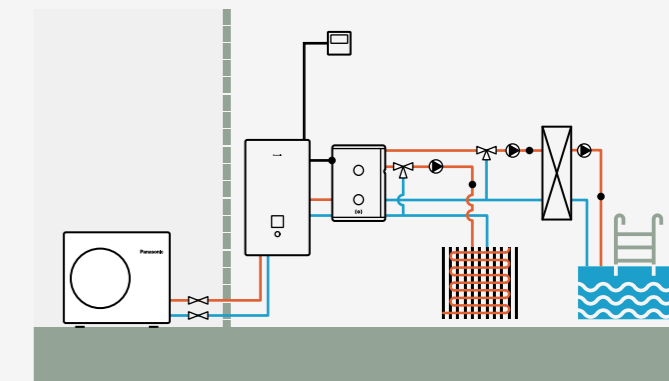
Aquarea Split Bi-bloc: Buffer tank with solar and mixing valve



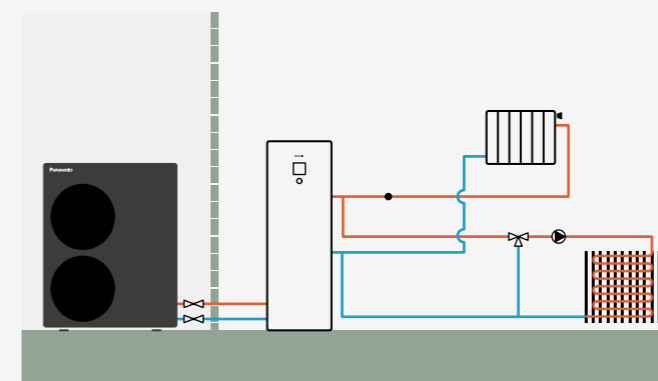
Aquarea Hydraulic Mono-bloc: 2 zones with external kit without buffer tank



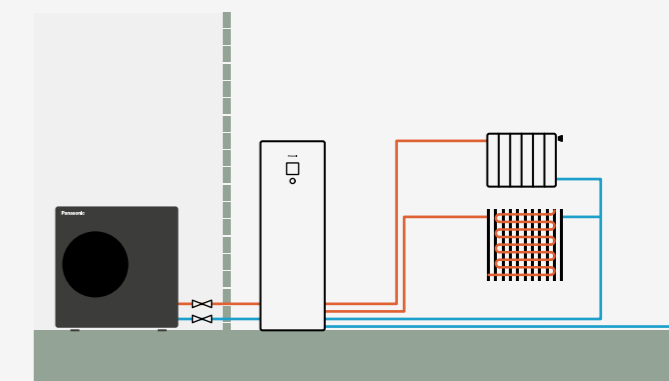
Aquarea Hydraulic Bi-bloc: 2 zones with external kit, buffer tank and swimming pool



Aquarea Hydraulic All in One: 2 zones with external kit, without buffer tank



Aquarea Hydraulic All in One 2 zones: 2 zones built-in, without buffer tank



Hydraulic scheme generator.

The Aquarea Hydraulic Scheme Generator (HSG) allows users to select a hydraulic schematic according to their installation requirements. This will be accompanied by the relevant electrical connection schematic and component list.

Available on PRO Club www.panasonicproclub.com.

