

NEW Aquarea High Performance Hydraulic Split Bi-bloc L Generation Single phase. Heating and Cooling · R290

Natural refrigerant R290 with GWP 3.

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

Flexibility: Hydraulic connection between indoor and outdoor / Built-in magnetic water filter / Installation possible in sites with harsh water quality.

Comfort: Operation without backup heating at -25 °C / 75 °C water outlet temperature maximum at -10 °C outside temperature / 55 °C hot water even at -25 °C outside temperature.

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

Connectivity: Wi-Fi adapter included.



Tentative data

			Single phase (power to indoor)					
Kit 3 kW electric heater			KIT-WC05L3E5	KIT-WC07L3E5	KIT-WC09L3E5			
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+++ to D	A+++ to A++	A+++ to 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+++ to D	A+++ to A+++	A+++ to 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+++ to D	A++ to A++	A++ to A++			
Indoor unit 3 kW electric heater			WH-SDC0509L3E5	WH-SDC0509L3E5	WH-SDC0509L3E5			
Sound pressure	Heat / Cool	dB(A)	28/28	30/30	30/31			
Dimension	H x W x D	mm	892 x 500 x 348	892 x 500 x 348	892 x 500 x 348			
Net weight		kg	—	—	—			
Water pipe connector	Room	Inch	R 1/4	R 1/4	R 1/4			
A class pump	Number of speeds		Variable Speed	Variable Speed	Variable Speed			
	Input power (Min/Max)	W	30/145	30/145	30/145			
Heating water flow (ΔT=5 K, 35 °C)		L/min	—	—	—			
Outdoor unit			WH-WDG05LE5	WH-WDG07LE5	WH-WDG09LE5			
Sound power ²⁾	Heat	dB(A)	52	53	54			
Dimension	H x W x D	mm	996 x 980 x 430	996 x 980 x 430	996 x 980 x 430			
Net weight		kg	98	98	97			
Refrigerant (R290) / CO ₂ Eq.		kg / T	0,96/0,003	0,96/0,003	1,00/0,003			
Water pipe connector (indoor / outdoor units)		Inch	1/1	1/1	1/1			
Pipe length range standard / maximum		m	5/30	5/30	5/30			
Elevation difference (in / out)		m	10	10	10			
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			
Electrical information			3 kW heater	6 kW heater	3 kW heater	6 kW heater	3 kW heater	6 kW heater
Electric backup heater		kW	3,00	6,00	3,00	6,00	3,00	6,00
Recommended fuse		A	25/16	25/30	25/16	25/30	25/16	25/30
Recommended minimum cable size, supply 1 / 2 ³⁾		mm ²	3x2,5/3x1,5	3x2,5/3x4,0	3x2,5/3x1,5	3x2,5/3x4,0	3x2,5/3x1,5	3x2,5/3x4,0

1) Scale from A+++ to D. 2) The sound power level is measured with accordance to EN12102 under conditions of the EN14825 (part load). 3) Check local regulations. * EER and COP calculation is based in accordance to EN14511. ** This product is designed to comply with the European Water Quality Directive 98/83/EC amended by 2015/1787/EU. The lifespan of the product is not guaranteed in the case of the use of groundwater, such as spring water or well water, the use of tap water when salt or other impurities are contained, nor in areas of acidic water quality. Maintenance and warranty costs related to these cases are the customer's responsibility. *** Tentative data.

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

Accessories	
PAW-BTANK50L-2	Buffer tank 50 L
CZ-NS5P	Additional functions PCB
PAW-A2W-RTWIRED	Room thermostat
PAW-A2W-RTWIREDLESS	Wireless LCD room thermostat
PAW-A2W-AFVLV	1 anti-freeze valve. It is required to order 2 valves per system



INTERNET CONTROL: Wi-Fi adapter included.