

ECO G WITH WATER HEAT EXCHANGER FOR CHILLED AND HOT WATER PRODUCTION



For hydronic applications

Water Heat Exchanger. Operation and control by timer remote control CZ-RTC4. Energy-efficient capacity control. Stainless steel plate heat exchanger with anti-freeze protection control. Change-over between heating and cooling operation.

Technical focus

- New! A class pump included (only in N model)
- Maximum distance between outdoor units and WHE: 170 m
- Possibility to mix DX and Water Heat Exchanger systems
- Hot water outlet temperatures from 35°C to 55°C
- Chilled water outlet temperatures from -15°C to +15°C
- Outdoor temperature range in cooling mode: -10°C to +43°C
- Minimum outdoor temperature in heating mode: -21°C

Hydrokit with A class pump*			PAW-500WX2E5N	PAW-710WX2E5N
Hydrokit without pump			PAW-500WX2E5N2	PAW-710WX2E5N2
Nominal Heating Capacity			60.0	80.0
Heating Capacity at +7°C, heating water temperature at 35°C	kW		62.0	82.8
COP at +7°C with heating water temperature at 35°C			1.48	1.34
Heating Capacity at +7°C, heating water temperature at 45°C	kW		60.0	76
COP at +7°C with heating water temperature at 45°C			1.26	1.26
Heating Capacity at -7°C, heating water temperature at 35°C	kW		54.5	74.6
COP at -7°C, heating water temperature at 35°C			1.09	0.77
Heating Capacity at -15°C, heating water temperature at 35°C	kW		59.2	77.4
COP at -15°C with heating water temperature at 35°C			0.75	0.76
Heating Energy Efficiency class at 35°C			A	A
Nominal Cooling Capacity			50	67
Cooling capacity at +35°C, outlet tp 7°C, inlet tp 12°C	kW		50	67
EER at +35°C, outlet tp 7°C, inlet tp 12°C			1.15	1.05
Dimensions	H x W x D	mm	1,010 x 570 x 960	
Weight		kg	145	180
Water pipe connector			Rp2 Female Thread (50A)	
Heating water flow (ΔT=5 K, 35°C)		l/min	8.6	11.6
Capacity of integrated electric heater		kW	Not equipped	
Input Power		kW	0.01 + (min. 0.19 / max. 0.31 for water pump)	0.01 + (min. 0.17 / max. 0.31 for water pump)
Maximum Current		A	0.07 + (min. 0.88 / max. 1.37 for water pump)	0.07 + (min. 0.85 / max. 1.37 for water pump)
Outdoor Unit			U-20GE2E5	U-30GE2E5
Sound pressure		dB(A)	58	63
Dimensions / Weight	H x W x D	mm / kg	2.273 x 1.650 x 1.000 / 780	2.273 x 2.026 x 1.000 / 840
Piping connections	Liquid pipe / Gas pipe	inch	5/8 / 1-1/8	3/4 / 1 1/4
Pipe length / for nominal capacity	Max.	m	7 / 170	
Elevation difference (in/out)		m	50 (OD above) 35 (OD below)	
Operation range in heating mode	Outdoor ambient	°C	-21 — 15.5	
	Water outlet (at -2/-7/-15)²	°C	35 — 55	

Performance calculation in agreement with Eurovent. Sound pressure measured at 1 m from the outdoor unit and at 1,5 m height.

* PAW-500WX2E5N and PAW-710WX2E5N includes pump with 0-10 Volt with optional IF.



Timer remote controller
CZ-RTC4
Compatible with Econavi



Wired remote controller
CZ-RTC5
Compatible with Econavi

