

## ECOi 2-PIPE WITH WATER HEAT EXCHANGER FOR CHILLED AND HOT WATER PRODUCTION



### For hydronic Applications

Water Heat Exchanger for ECOi. 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

- Maximum distance between outdoor unit and Water Heat Exchanger: 170 m
- Maximum hot water outlet temperature: 45°C
- Minimum chilled water outlet temperature: 5°C
- Outdoor temperature range in cooling mode: +5°C to +43°C
- Outdoor temperature range in heating mode: -11°C to +15°C (with low temperature kit -25°C)

Hydrokit with A class pump*			PAW-250WX2E5N	PAW-500WX2E5N
Hydrokit without pump			PAW-250WX2E5N2	PAW-500WX2E5N2
Nominal cooling capacity at 35°C, water outlet 7°C			25.0	50.0
Nominal heating capacity			28.0	56.0
Heating capacity at +7°C, heating water temperature at 45°C			28.0	56.0
COP at +7°C with heating water temperature at 45°C			2.97	3.10
Heating Energy Efficiency class at 35°C			A+	A++
Dimensions	H x W x D	mm	1,010 x 570 x 960	
Net weight		kg	120	145
Water pipe connector			Rp2 Female Thread (50A)	
Heating water flow (ΔT=5 K, 35°C)			4.3	8.6
Capacity of integrated electric heater			Not equipped	
Input power			0.01 + (min. 0.05 / max. 0.13 for water pump)	0.01 + (min. 0.19 / max. 0.31 for water pump)
Maximum current			0.07 + (min. 0.37 / max. 0.95 for water pump)	0.07 + (min. 0.88 / max. 1.37 for water pump)
Outdoor Unit			U-10ME1E8	U-20ME1E8
Sound pressure level			59	63
Dimensions	H x W x D	mm	1,758 x 770 x 930	1,758 x 1,540 x 930
Net weight		kg	234	421
Piping connections	Liquid pipe	inch	3/8	5/8
	Gas pipe	inch	7/8	1-1/8
Refrigerant (R410A)			6.8 *Need Additional gas amount at site	9.0 *Need Additional gas amount at site
Pipe length range / Elevation difference (in/out)			170 / 50 (OD above) 35 (OD below)	
Pipe length for nominal capacity			7.5	
Pipe length for additional gas / Additional gas amount (R410A)			0 < / Refer to manual	
Operation Range	Outdoor ambient	°C	-11 — +15 <sup>1)</sup>	
	Water outlet (at -2/-7/-15)	°C	35 — 45	

\* PAW-250WX2E5N includes pump with 0-10 Volt Control by default / PAW-500WX2E5N includes pump with 0-10 Volt with optional IF.

1) With accessory low temperature kit -25 — +15°C.

Performance calculation in agreement with Eurovent. Sound pressure measured at 1 m from the outdoor unit and at 1.5 m height.



Timer remote controller  
CZ-RTC4  
Compatible with Econavi



Wired remote controller  
CZ-RTC5  
Compatible with Econavi

