

## 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	1.010 x 570 x 960
Net weight		kg	120	145
Water pipe connector			Rp2 Female Thread (50A)	Rp2 Female Thread (50A)
Heating water flow (ΔT=5 K, 35°C)			m³/h	8,6
Capacity of integrated electric heater			kW	Not equipped
Input power			kW	0,01 + (min. 0,05 / max. 0,13 for water pump)
Maximum current			A	0,07 + (min. 0,37 / max. 0,95 for water pump)
Outdoor Unit			U-10ME1E8	U-20ME1E8
Sound pressure level			dB(A)	59
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 (mm)	3/8 (9,52)	5/8 (15,88)
	Gas pipe	inch (mm)	7/8 (22,22)	1-1/8 (28,58)
Refrigerant (R410A)			kg	6,8 *Need Additional gas amount at site
Pipe length range / Elevation difference (in/out)			m	170 / 50 (OD above) 35 (OD below)
Pipe length for nominal capacity			m	7,5
Pipe length for additional gas / Additional gas amount (R410A)			m / g/m	0 < / Refer to manual
Operation Range	Outdoor ambient	°C	-11 — +15 <sup>1)</sup>	-11 — +15 <sup>1)</sup>
	Water outlet (at -2/-7/-15)	°C	35 — 45	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



## Water Heat Exchanger for chilled and hot water production

