

R410A

Water Heat Exchanger



## ECOi 2-Pipe with Water Heat Exchanger for chilled and hot water production

Hydrokit with A class water pump			PAW-250WP5G	PAW-500WP5G
Hydrokit without pump			PAW-250W5G	PAW-500W5G
Cooling capacity at 35°C, water outlet 7°C	kW		25,00	50,00
Heating capacity	kW		28,00	56,00
Heating capacity at +7°C, heating water temperature at 45°C	kW		28,00	56,00
COP at +7°C with heating water temperature at 45°C	W/W		2,97	3,10
Heating Energy Efficiency class at 35°C <sup>1)</sup>			A+	A++
η <sub>sh</sub> (LOT21) <sup>2)</sup>	%		164,00	158,00
Dimension	H x W x D	mm	1000 x 575 x 1110	1000 x 575 x 1110
Net weight		kg	135 (140 with pump)	155 (165 with pump)
Water pipe connector			Rp2 Female Thread (50A)	Rp2 Female Thread (50A)
Heating water flow [ΔT=5 K, 35°C]		m <sup>3</sup> /h	5,16	10,32
Capacity of integrated electric heater		kW	Not equipped	Not equipped
Flow switch			Equipped	Equipped
Water filter			Equipped	Equipped
Input power		kW	0,329 (with A class water pump) / 0,024 (without pump)	0,574 (with A class water pump) / 0,024 (without pump)
Maximum current		A	1,43 (with A class water pump) / 0,10 (without pump)	2,50 (with A class water pump) / 0,10 (without pump)
Outdoor unit			U-10ME2E8	U-20ME2E8
Sound pressure		dB(A)	56	60
Dimension	H x W x D	mm	1842 x 770 x 1000	1842 x 770 x 1000
Net weight		kg	210	375
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	5,6 *Need Additional gas amount at site	9,5 *Need Additional gas amount at site
Pipe length range / Elevation difference (in/out)		m	170 / 50 (OD above) 35 (OD below)	170 / 50 (OD above) 35 (OD below)
Pipe length for nominal capacity		m	7,5	7,5
Pipe length for additional gas / Additional gas amount (R410A)		m / g/m	0 < / Refer to manual	0 < / Refer to manual
Operation range	Heat Min ~ Max	°C	-11 ~ +15 <sup>3)</sup>	-11 ~ +15 <sup>3)</sup>
Water outlet temperature range	Cool Min ~ Max	°C	+5 ~ +15	+5 ~ +15
	Heat Min ~ Max	°C	+35 ~ +45	+35 ~ +45
Hydrokit with A class water pump Price			€	
Hydrokit without pump Price			€	
Outdoor unit Price			€	

1) Unit efficiency energy level: Scale from A++ to G. 2) Seasonal space cooling/heating energy efficiency following COMMISSION REGULATION (EU) 813/2013. 3) With accessory low temperature kit -25 ~ +15°C.

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

Accessories	Price €
PAW-3WSK	Stacking kit for vertical stacking (4 sets in the Kit)



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## ECO G with Water Heat Exchanger for chilled and hot water production

Hydrokit with A class water pump		PAW-500WP5G	PAW-710WP5G
Hydrokit without pump		PAW-500W5G	PAW-710W5G
Heating capacity	kW	60,00	80,00
Heating capacity at +7°C, heating water temperature at 35°C	kW	60,90	81,20
COP at +7°C with heating water temperature at 35°C	W/W	1,15	1,18
Heating capacity at +7°C, heating water temperature at 45°C	kW	60,00	80,00
COP at +7°C with heating water temperature at 45°C	W/W	1,02	1,04
Heating capacity at -7°C, heating water temperature at 35°C	kW	48,20	50,80
COP at -7°C, heating water temperature at 35°C	W/W	0,80	0,80
Heating capacity at -15°C, heating water temperature at 35°C	kW	46,30	50,00
COP at -15°C with heating water temperature at 35°C	W/W	0,80	0,80
Refrigeration load Pdesign	kW	48,00	—
Heating Energy Efficiency class at 35°C <sup>1)</sup>		A++	—
η <sub>sh</sub> (LOT21) <sup>2)</sup>	%	130,04	—
Cooling capacity	kW	—	—
Cooling capacity at +35°C, outlet temperature 7°C, inlet temperature 12°C	kW	50	67
EER at +35°C, outlet temperature 7°C, inlet temperature 12°C	W/W	0,78	0,89
Dimension	H x W x D	mm	1000 x 575 x 1110
Net weight		kg	155 (165 with pump)
Water pipe connector		Rp2 Female Thread (50A)	Rp2 Female Thread (50A)
Heating water flow (ΔT=5 K, 35°C)	m³/h	10,32	13,76
Capacity of integrated electric heater	kW	Not equipped	Not equipped
Flow switch		Equipped	Equipped
Water filter		Equipped	Equipped
Input power	kW	0,574 (with A class water pump) / 0,024 (without pump)	0,824 (with A class water pump) / 0,024 (without pump)
Maximum current	A	2,50 (with A class water pump) / 0,10 (without pump)	3,60 (with A class water pump) / 0,10 (without pump)
Outdoor Unit		U-20GE3E5	U-30GE3E5
Sound power	Normal / Silent	dB	80 / 77
Dimension	H x W x D	mm	2255 x 1650 x 1000
Net weight		kg	765
Piping connections	Liquid pipe	Inch (mm)	5/8 (15,88)
	Gas pipe	Inch (mm)	1-1/8 (28,58)
Pipe length / Pipe length for nominal capacity		m	7 / 170
Elevation difference (in/out)		m	50 (OD above) 35 (OD below)
Operation range	Heat Min ~ Max	°C	-21 ~ +24 (until outlet temperature 45)
Water outlet temperature range	Cool Min ~ Max	°C	-15 ~ +15
	Heat Min ~ Max	°C	+35 ~ +55
Hydrokit with A class pump Price		€	
Hydrokit without pump Price		€	
Outdoor unit Price		€	

1) Unit efficiency energy level: Scale from A++ to G. 2) Seasonal space cooling/heating energy efficiency following COMMISSION REGULATION (EU) 813/2013.

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

Accessories	Price €
PAW-3WSK	Stacking kit for vertical stacking (4 sets in the Kit)

