

Aquantia KHPS-MO PRO HP



KCTAQ-02
Standard

Technical documentation	Download
User Manual	PDF
Controller Manual	PDF
Declaration of Conformity	PDF



KEYMARK



SMART GRID
READY



R-32
REFRIGERANT



DC INVERTER
COMPRESSOR



HYDRAULIC KIT



WI-FI



MODBUS



MODULAR

Basic modules

Model set		KHPS-MO 18 PRO HP	KHPS-MO 22 PRO HP	KHPS-MO 26 PRO HP	KHPS-MO 30 PRO HP
Cooling capacity rated	kW	17	21	26	29.5
EER		3.05	2.95	2.70	2.54
SEER		4.70	4.70	4.66	4.49
Nsc		185	185	183	177
Heating capacity rated	kW	18	22	26	30
COP		3.50	3.40	3.10	2.90
SCOP average zone, Water 35°C - Energy class		4.59 - A+++	4.53 - A+++	4.50 - A+++	4.19 - A++
Nsh		181	178	178	165
Compressor type		Rotary Inverter	Rotary Inverter	Rotary Inverter	Rotary Inverter
No. compressor		1	1	1	1
Type refrigerant		R-32	R-32	R-32	R-32
t CO ₂ eq	tCO ₂	3.38	3.38	3.38	3.38
Refrigerant charge	kg	5	5	5	5
No. fans		2	2	2	2
Air flow	m ³ /h	10650	10650	11200	11200
Sound pressure	dB(A)	55	58	60	62
Width / Height / Depth	mm	1129 / 1558 / 440	1129 / 1558 / 440	1129 / 1558 / 440	1129 / 1558 / 440
Net weight	kg	177	177	177	177
Power supply	V/ph/Hz	380-415/3/50	380-415/3/50	380-415/3/50	380-415/3/50
Max. intensity	A	18	21	24	28
Water pipe connections	inch	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Water flow rated	m ³ /h	2.9	3.6	3.8	4
Volume of expansion tank	l	8	8	8	8
Available pressure	kPa	102	94.6	78.8	59.4

The data in heating mode at -7°C are calculated working with water at +35°C.

Cooling capacity. Cooling input. EER: Data calculated in compliance with EN 14511:2018 Standard, with reference to the following conditions: indoor heat exchanger water temperature = 12/7°C; outdoor heat exchanger inlet air temperature = 35°C.

Heating capacity. Heating input. COP: Data calculated in compliance with EN 14511:2018 Standard, with reference to the following conditions: indoor heat exchanger water temperature = 40/45°C; outdoor heat exchanger inlet air temperature = 7°C DB/6°C WB.

SEER. SCOP: Data calculated in compliance with EN 14825:2016 Standard. The product meets the ErP (Energy Related Products) European Directive, which include the (EU) Commission Delegated Regulation No. 811/2013 (rated thermal input ≤ 70 kW under specified reference conditions) and (EU) Commission Delegated Regulation No. 813/2013 (rated thermal inputs 400 kW under specified reference conditions).

Sound pressure: Sound levels refer to the unit under full charge. The sound pressure level refers to the measurement taken at a distance of 1 m from the external surface of the unit, operating in the open air. The measurements are taken in accordance with UNI EN ISO 9614-2 standard, respecting the conditions imposed by EUROVENT 8/1 certification. Data under the following conditions: indoor heat exchanger water temperature = 12/7°C; outdoor air temperature = 35°C.

NOTE: Combination units.