

KAISAI

WALL MOUNTED AIR CONDITIONER

PRO+



SEER
8,1

**THE HIGHEST ENERGY
EFFICIENCY CLASS**

SCOP
4,6

A++

ENERGY EFFICIENCY



WIFI AS
STANDARD

R32

ECOLOGICAL
REFRIGERANT



WIDE RANGE OF
OPERATING
TEMPERATURES

ION

AIR-IONISATION
FUNCTION

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TECHNICAL DATA

MODEL INDOOR	KSN-12PRBI
MODEL OUTDOOR	KSN-12PRBO
Cooling capacity (min-max) [kW]	3,5 (0,9÷4,7)
Heating capacity (min-max) [kW]	3,5 (1,0÷6,5)
Energy efficiency class cooling/heating	A++/A++
SEER	8,1
SCOP	4,6
Power consumption cooling (min-max) [W]	977 (53÷1590)
Power consumption heating (min-max) [W]	1 095 (167÷2130)
Operating current cooling (min-max) [A]	4,2 (0,5÷7,0)
Operating current heating (min-max) [A]	4,8 (1,2÷9,4)
Air flow of indoor unit [m³/h]	611/479/360
Air flow of outdoor unit [m³/h]	2 000
Operating temp. outdoor cooling/heating [°C]	18÷32/0÷27
Operating temp. indoor cooling/heating [°C]	-15÷43/-30÷30
Sound pressure of indoor unit dB [A]	42/35/25/22
Sound pressure of outdoor unit dB [A]	55,5
Dimensions of indoor unit w/d/h [mm]	802x297x189
Dimensions of outdoor unit w/d/h [mm]	800x554x333
Packing of indoor unit w/d/h [mm]	875x375x285
Packing of outdoor unit w/d/h [mm]	920x615x390
Net weight of indoor unit [kg]	8,5
Net weight of outdoor unit [kg]	34,7
Gross weight of indoor unit [kg]	11,1
Gross weight of outdoor unit [kg]	37,5
Pipe diameters liquid/gas [mm]	6,35/9,52
Max. length of installation [m]	25
Max. difference in levels [m]	10
Power supply outdoor unit [V, Hz, Ph]	220÷240/50/1
Protection outdoor unit [A]	10
Power supply wires outdoor unit [of wires x mm²]	3x1,5
Control wires indoor – outdoor unit [of wires x mm²]	5x1,5
Factory amount of refrigerant up to 5 m [kg]	0,87
Extra amount of refrigerant above 5 m [g/m]	12

MOST IMPORTANT FUNCTIONS



A++ ENERGY EFFICIENCY

The energy saving technology allows to operate in eco mode, what brings up to 70% savings compared to conventional mode.



WIFI AS STANDARD

Thanks to the use of a WiFi module, the air conditioner can be controlled via a mobile phone or tablet, while the parameters of the device can be regulated 24/7 from anywhere in the world.

R32 THE R32 REFRIGERANT

R32 exhibits one of the lowest global-warming potentials (GWP) available on the market, as well as a better cooling and heating capacity than the previous solutions, which makes the air-conditioning system consume much less of it.



WIDE RANGE OF OPERATING TEMPERATURES

Using the modern technologies and new refrigerant R32, the air conditioner has a wide range of outside operating temperatures: -15÷43°C in cooling mode and -25÷30°C in heating mode.

ION THE AIR IONISATION FUNCTION

The ions emitted by the air conditioner break down particles of mites, moulds, bacteria, and viruses, thus effectively eliminating them from the environment. An additional effect of the ioniser is air humidification, which positively affects the skin, and imparts a pleasant feeling of freshness in an air-conditioned room.



THE 3D AIR SUPPLY

The horizontal and vertical blinds of the air conditioner are controlled automatically, in order to ensure uniform temperature distribution in the room and optimal air circulation.

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