

# KAISAI

# PRO



BIO HEPA  
FILTER



AIR  
IONIZATION



COLD CATALYST  
FILTER

## Top quality air conditioning

Extremely high energy efficiency coefficients and possibility of efficient space heating at outdoor temperatures up to  $-30^{\circ}\text{C}$ .



WIFI MODULE  
AS STANDARD



ECO-FRIENDLY  
REFRIGERANT R32



MULTIFUNCTIONAL  
REMOTE CONTROL



WIDE TEMPERATURE  
RANGE



## COLD CATALYST FILTER

Using specialized filtration, the air conditioner not only cools and heats, but also effectively purifies the air. The cold-CATALYST filter removes chemicals such as carbon monoxide, hydrogen sulfide, ammonia, benzene and formaldehyde.



## BIO HEPA FILTER

The air purification function is supported by a Bio HEPA filter that effectively traps 99% of dust particles, dust, and bacteria with a size of 0,3 µm and up to 95% of particles from 0,1 to 0,3 µm, including fungal cells and some viruses.



## AIR IONIZATION

The ions emitted by the air conditioner break down dust mite particles, mold, bacteria, and viruses, eliminating them from the environment. An additional effect of the air conditioner is moistening the air, which has a positive impact on the skin and gives a pleasant feeling of freshness in the air-conditioned room.

## TECHNICAL SPECIFICATION - KAISAI PRO+

MODEL	indoor unit		KSN-12PRGI
	outdoor unit		KSN-12PRGO
Average output. (min÷max)	cooling	kW	3,5(0,9÷4,7)
	heating	kW	3,5(1,0÷6,5)
Energy class	cool./heat		A++/A++
SEER	medium	W/W	8,1
SCOP	medium	W/W	4,6
Aver.power consump. (min÷max)	cooling	W	977(53÷1590)
	heating	W	1095(167÷2130)
Aver.working current (min÷max)	cooling	A	4,2(0,5÷7,0)
	heating	A	4,8(1,2÷9,4)
Air flow	indoor	m³/h	611/479/360
	outdoor	m³/h	2000
Working temp. cooling/heating	indoor	°C	18÷32/0÷27
	outdoor	°C	-15÷43/-30÷30
Sound pressure lvl	indoor	dB(A)	42/35/25/21
	outdoor	dB(A)	55,5
Net dimensions s/w/g	indoor	mm	802/297/189
	outdoor	mm	800/554/333
Transport dimensions s/w/g	indoor	mm	875/375/285
	outdoor	mm	920/615/390
Net weight	indoor	kg	8,5
	outdoor	kg	34,7
Transport weight	indoor	kg	11,1
	outdoor	kg	37,5
Pipe dia. fluid/gas		mm	6,35/9,52
Max. installation length		m	25
Max. level difference		m	10
Power supply	outdoor	V/Hz/Ph	220÷240/50/1
Protection	outdoor	A	10
Power cables	outdoor		3x1,5
Control wires	indoor - outdoor	No. of wires x mm²	5x1,5
Factory refrig. charge	up to 5 LM	kg	0,87
Addit. refrig. charge	over 5 LM	g/m	12

## THE SET INCLUDES



Indoor unit  
**KSN**



Outdoor unit  
**KSN**



Wireless remote control  
**RG66A**



## WIFI AS STANDARD

Thanks to the WiFi module, the air conditioner can be controlled by phone or tablet. Control of operating parameters is possible 24 hours a day from anywhere in the world.



## R32 REFRIGERANT

R32 has a low global warming potential (GWP), better cooling and heating performance than R410A. With 20% more volumetric capacity, the amount of refrigerant in the air conditioner can be smaller than before.



## MULTIFUNCTIONAL REMOTE CONTROL

The remote control can be used to easily set the desired room air parameters. Additionally, the remote control is equipped with practical functions such as: self-cleaning evaporator (SELF CLEAN), constant heating 8 °C (HEATING 8 °C) temperature sensor (FOLLOW ME).



## WIDE TEMPERATURE RANGE

Through the use of modern technology and the new refrigerant R32, the air conditioner can operate in a wide range of outdoor temperatures: from -15 to +43°C in cooling mode and from -30 to +30°C in heating mode.



## 3D AIR FLOW

The automatically controlled horizontal and vertical louvers of the air conditioner ensure optimum air circulation and an even temperature distribution in the room.