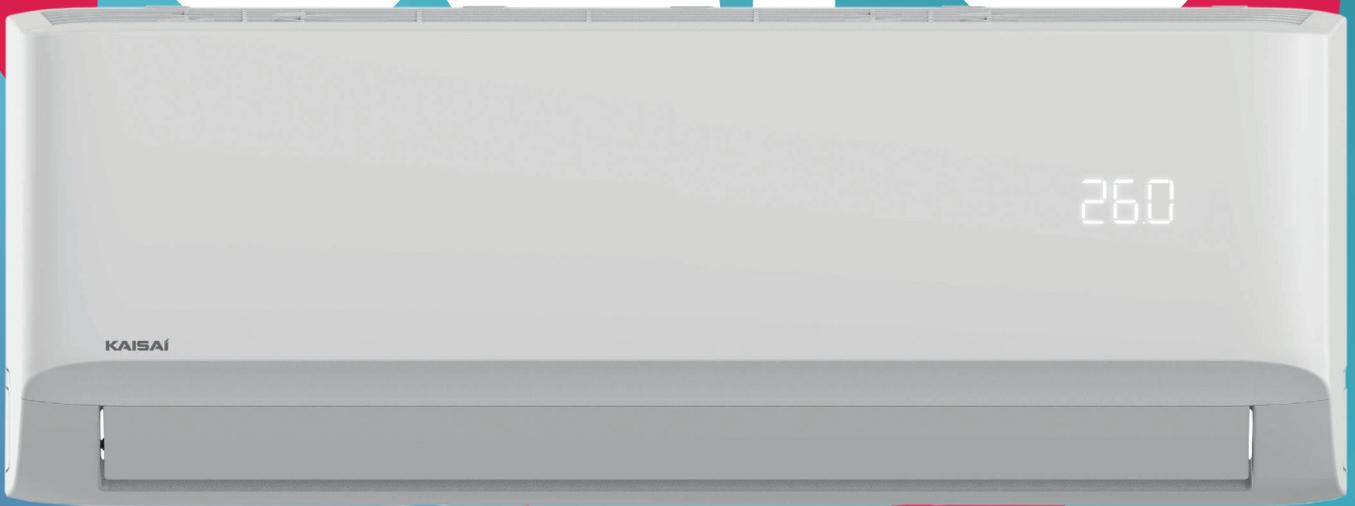




# KAISAI

# care



UV  
LAMP



56°C STERILIZATION  
FUNCTION



DOUBLE  
FILTRATION

## Clean air at home

High-tech features enable the purification of air from microparticles and unwanted substances.



WIFI MODULE  
AS STANDARD



ECO-FRIENDLY  
REFRIGERANT R32



MULTIFUNCTIONAL  
REMOTE CONTROL



WIDE TEMPERATURE  
RANGE



### UV LAMP

UV lamp is one of the most effective ways to remove bacteria, viruses, mold and fungi from the air. The entire process takes place through the emission of UV rays, which effectively penetrate the cell walls of microorganisms, destroy their DNA and prevent their multiplication.



### 56 °C STERILIZATION FUNCTION

This modern function allows effective elimination of microorganisms present in the air-conditioned room. The air is heated in the indoor exchanger to a temperature of 56 °C, which destroys the organic DNA and RNA of bacteria and viruses, including SARS-CoV-2.



### DOUBLE FILTRATION

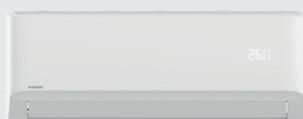
The dual filtration system of the air conditioner effectively traps pollen and dust, absorbs dust mites and removes unwanted odors from the air.

## TECHNICAL SPECIFICATION - KAISAI CARE

MODEL	indoor unit		KWC-12CGI	KWC-18CGI
	outdoor unit		KWC-12CGO	KWC-18CGO
Average output. (min÷max)	cooling	kW	3,5(1,4÷4,3)	5,3(3,4÷5,9)
	heating	kW	3,8(1,1÷4,4)	5,6(3,1÷5,8)
Energy class	cool./heat		A++/A+	A++/A+
SEER	medium	W/W	7,0	7,0
SCOP	medium	W/W	4,2	4,0
Aver.power consump. (min÷max)	cooling	W	1096(120÷1650)	1550(560÷2050)
	heating	W	1027(110÷1480)	1750(780÷2000)
Aver.working current (min÷max)	cooling	A	4,8(0,5÷7,2)	6,7(2,4÷9,0)
	heating	A	4,5(0,5÷6,4)	7,6(3,4÷8,7)
Air flow	indoor	m³/h	530/400/350	800/600/500
	outdoor	m³/h	1850	2100
Working temp. cooling/heating*	indoor	°C	17÷32/0÷30	17÷32/0÷30
	outdoor	°C	-15÷50/-25÷24	-15÷50/-25÷24
Sound pressure lvl	indoor	dB(A)	37/32/22/21	41/37/31/20
	outdoor	dB(A)	55,0	57,0
Net dimensions s/w/g	indoor	mm	835/295/208	969/320/241
	outdoor	mm	720/495/270	874/554/330
Transport dimensions s/w/g	indoor	mm	905/355/290	1045/405/315
	outdoor	mm	835/540/300	915/615/370
Net weight	indoor	kg	8,7	11,2
	outdoor	kg	23,7	33,5
Transport weight	indoor	kg	11,5	14,6
	outdoor	kg	25,5	36,1
Pipe dia. fluid/gas		mm	6,35/9,52	6,35/12,7
Max. installation length		m	25	30
Max. level difference		m	10	20
Power supply	outdoor	V/Hz/Ph	220÷240/50/1	220÷240/50/1
Protection	outdoor	A	10	16
Power cables	outdoor	No. of wires	3x1,5	3x1,5
Control wires	indoor - outdoor	x mm²	5x1,5	5x1,5
Factory refrig. charge	up to 5 LM	kg	0,65	1,1
Addit. refrig. charge	over 5 LM	g/m	12	12

\*Additional electric heaters, compressor and condensate tray are required for heating operation at outdoor temperature below -15 °C.

### THE SET INCLUDES



Indoor unit  
**KWC**



Outdoor unit  
**KWC**



Wireless remote control  
**RG10A1**



### WiFi AS STANDARD

Thanks to the WiFi module, the air conditioner can be controlled by phone or tablet. It is possible to control the parameters of the device 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.



### GEAR MODE

Thanks to the possibility of adjusting the temperature and fan speed in Gear mode you can control power consumption by setting the maximum level of intensity of the device.



### ECO

With enabled Eco function, the air conditioner automatically adjusts the temperature and fan speed to maximize energy efficiency. This reduces energy consumption, saving more than 60% compared to standard operation.



### 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.