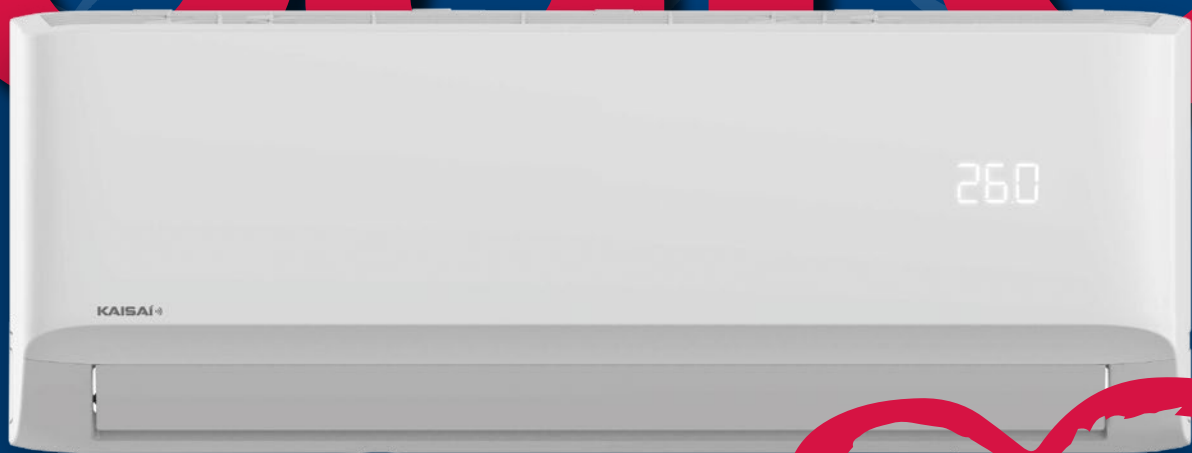


KAISAI

WALL MOUNTED AIR CONDITIONER

Care



Dual filters

The air-ionisation function

The internal exchanger cleaning function

we care
about you

CLEAN AIR IN YOUR HOUSE

A++

ENERGY EFFICIENCY



AS STANDARD

R32

ECOLOGICAL
REFRIGERANT



ECO MODE



GEAR MODE

kaisai.com



MOST IMPORTANT FUNCTIONS

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 INTERNAL-EXCHANGER CLEANING FUNCTION

The I-Clean technology automatically covers the internal heat exchanger with frost, and then rapidly defrosts it, so that dust, mould, and fat are effectively removed from the unit, seeping down to the drip tray with the thawed frost. The internal stream of air dries the exchanger, thus preventing the growth of bacteria, and keeping the interior clean.

DUAL FILTERS

The air conditioner is equipped with two filters, which work together to provide double protection. A high-density pre-filter traps larger particles of dirt, such as pollen and dust. A second active carbon filter absorbs small particles, such as mites and chemicals, and removes unwanted odours from the air.

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.

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.

A++ ENERGY EFFICIENCY

The modern technologies used in the device allow a significant reduction in electricity consumption, contributing to reduced costs of using air conditioning.

THE ECO MODE

When the Eco function is activated, the air conditioner automatically sets the temperature and fan speed to levels guaranteeing maximum energy efficiency. As a result, electric-energy consumption is significantly reduced, which translates into over 60% savings compared to the standard operating mode.

THE GEAR MODE

With the Gear Mode's ability to control the temperature and speed of air supply, it is possible to control electricity consumption and decide on the maximum intensity level.

TECHNICAL DATA

MODEL	INDOOR UNIT		KWC-12CRFI
	OUTDOOR UNIT		KWC-12CRFO
Capacity average	cooling (min-max)	kW	3,5 (1,4÷4,3)
	heating (min-max)		3,8 (1,1÷4,4)
Energy class	cooling/heating		A++/A+
SEER	average	W	7,0
SCOP	average		4,2
Power input average (min÷max)	cooling (min-max)	W	1096 (120÷1650)
	heating (min-max)		1027 (110÷1480)
Operation current average (min÷max)	cooling (min-max)	A	4,76 (0,5÷7,2)
	heating (min-max)		4,46 (0,5÷6,4)
Air flow	indoor	m³/h	530/400/350
	outdoor		1850
Operating temperature cooling/heating	indoor	°C	17÷32/0÷30
	outdoor		-15÷50/-25÷24
Sound pressure level	indoor	dB(A)	37/32/22
	outdoor		55,0
Net dimensions w/h/d	indoor	mm	835x295x208
	outdoor		720x495x270
Transport dimensions w/h/d	indoor	mm	905x355x290
	outdoor		835x540x300
Net weight	indoor	kg	8,7
	outdoor		23,7
Transport weight	indoor	kg	11,5
	outdoor		25,5
Pipe diameter: liquid/gas		mm	6,35/9,52
Total length of installation		m	25
Max. level difference			10
Power supply	outdoor	V/Hz/Ph	220÷240/50/1
Circuit breaker/fuse	outdoor	A	10
Power supply lines	outdoor	# of wires	3x1,5
Control lines	ind. - outd.	x mm²	5x1,5
Factory amount of refrigerant	up to 5 m	kg	0,65
Additional amount of refrigerant	over 5 m	g/m	12

KAISAI



NEW REMOTE CONTROLLER

