

A++

KAISAI



BIO HEPA
FILTER



COLD CATALYST
FILTER



AIR
IONIZATION

Highest energy efficiency class

The perfect combination of modern design and top energy efficiency class A+++ in cooling mode and A++ in heating mode.



WIFI MODULE
AS STANDARD



ECO-FRIENDLY
REFRIGERANT R32



WIDE TEMPERATURE
RANGE

KAISAI



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 moisturizing the air, which has a positive impact on the skin and gives a pleasant feeling of freshness in the air-conditioned room.

WE CARE ABOUT AIR

TECHNICAL SPECIFICATION - KAISAI GEO

MODEL	Indoor unit		KGE-12GRGI		KGE-18GRGI	
	outdoor unit		KGE-12GRGO		KGE-18GRGO	
Average output, (min-max)	cooling	kW	3,5(1,4+4,3)		5,3(2,4+5,9)	
	heating	kW	3,8(1,1+4,4)		5,6(3,1+5,9)	
Energy class	cool/heat		A++/A++		A+/A+	
SEER	medium	W/W	8,5		7,0	
SCOP	medium	W/W	4,6		4,0	
Average power consump. (min-max)	cooling	W	97(130+1650)		155(960+2050)	
	heating	W	97(180+1560)		1500(80+2000)	
Average working current (min-max)	cooling	A	4,2(0,6+7,2)		6,7(2,4+9,0)	
	heating	A	4,2(0,7+6,9)		6,5(3,4+8,7)	
Air flow	Indoor	m ³ /h	584(477/695)		730(500/420)	
	outdoor	m ³ /h	2100		2200	
Working temp. cooling/heating*	Indoor	°C	17+20/-30		17+20/-30	
	outdoor	°C	-15/-50/+25/-24		-15/-50/+25/-24	
Sound pressure lvl	Indoor	dB(A)	39,5/33/25/21		43/33,5/28/23	
	outdoor	dB(A)	54/5		55/5	
Net dimensions sw/g	Indoor	mm	802/291/89		965/319/215	
	outdoor	mm	765/555/303		805/554/330	
Transport dimensions sw/g	Indoor	mm	875/380/285		1045/410/305	
	outdoor	mm	887/610/337		975/615/370	
Net weight	Indoor	kg	8,6		10,9	
	outdoor	kg	28,7		33,5	
Transport weight	Indoor	kg	11,1		14,2	
	outdoor	kg	29,1		36,1	
Pipe dia. fluid/gas	Indoor	mm	6,35/6,52		6,35/12,7	
Max. installation length	Indoor	m	25		30	
Max. level difference	Indoor	m	10		20	
Power supply	Indoor	V/Hz/Ph	220+240/50/1		220+240/50/1	
Protection	Indoor	A	10		16	
Power cables	Indoor	No. of wires x mm ²	3x1,5		3x1,5	
Control wires	Indoor - outdoor		5x1,5		5x1,5	
Factory refri. charge	up to 5 LM	kg	0,62		1,1	
Addit. refri. 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
KGE



Outdoor unit
KGE



Wireless remote control
RG66A



3D AIR FLOW

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



MULTIFUNCTIONAL REMOTE CONTROL

Using the remote control, you can easily set the appropriate air parameters in the room. 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

By using modern technology and the new refrigerant R32, the air conditioner can operate in a wide range of outdoor temperatures: from -15 to +50°C in cooling mode and from -25 to +30°C in heating mode.

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