

# KAISAI

# FLY



BIO HEPA  
FILTER



COLD CATALYST  
FILTER



3D AIR  
FLOW

## Technology of the future

Air conditioning with environmentally friendly R32 refrigerant.



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.



## 3D AIR FLOW

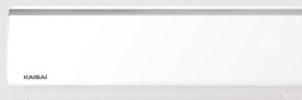
The automatically controlled horizontal and vertical louvers of the air conditioner ensure optimum air circulation and an even temperature distribution in the room.

## TECHNICAL SPECIFICATION - KAISAI FLY

MODEL	indoor unit		KWX-09HRGI	KWX-12HRGI	KWX-18HRGI	KWX-24HRGI
	outdoor unit		KWX-09HRGO	KWX-12HRGO	KWX-18HRGO	KWX-24HRGO
Average output. (min+max)	cooling	kW	2,6(0,9÷3,4)	3,5(1,1÷4,2)	5,3(2,9÷5,8)	7,0(2,1÷7,9)
	heating	kW	2,9(0,8÷3,4)	3,8(1,1÷4,2)	5,6(3,1÷5,8)	7,3(1,6÷7,9)
Energy class	cool./heat		A++/A+	A++/A+	A++/A+	A++/A+
SEER	medium	W/W	6,3	6,1	7,4	6,1
SCOP	medium	W/W	4,0	4,0	4,0	4,0
Aver.power consump. (min+max)	cooling	W	732(100÷1240)	1213(130÷1580)	1550(560÷2050)	2600(420÷3150)
	heating	W	733(120÷1200)	1088(100÷1680)	1570(780÷2000)	2400(300÷2750)
Aver.working current (min+max)	cooling	A	3,2(0,4÷5,4)	5,3(0,5÷6,9)	6,0(2,4÷8,9)	11,5(1,8÷13,8)
	heating	A	3,2(0,5÷5,2)	4,7(0,4÷6,9)	6,8(3,4÷8,7)	11,0(1,3÷12,2)
Air flow	indoor	m³/h	466/360/325	540/430/314	840/680/540	980/817/662
	outdoor	m³/h	1750	1800	2100	3500
Working temp. cooling/heating*	indoor	°C	17÷32/0÷30	17÷32/0÷30	17÷32/0÷30	17÷32/0÷30
	outdoor	°C	-15÷50/-25÷30	-15÷50/-25÷30	-15÷50/-25÷30	-15÷50/-25÷30
Sound pressure lvl	indoor	dB(A)	38,5/32/25/21	40,5/34,5/25/21	42,5/36/26/20	45/40,5/36/30
	outdoor	dB(A)	55,5	56	56	59
Net dimensions s/w/g	indoor	mm	805/285/194	805/285/194	957/302/213	1040/327/220
	outdoor	mm	720/495/270	720/495/270	805/554/330	890/673/342
Transport dimensions s/w/g	indoor	mm	870/365/270	870/365/270	1035/385/295	1120/405/315
	outdoor	mm	835/540/300	835/540/300	915/615/370	995/740/398
Net weight	indoor	kg	7,6	7,6	10,0	12,3
	outdoor	kg	23,2	23,2	32,7	42,9
Transport weight	indoor	kg	9,7	9,8	13,0	15,8
	outdoor	kg	25,0	25,0	35,4	45,9
Pipe dia. fluid/gas		mm	6,35/9,52	6,35/9,52	6,35/12,7	9,52/15,9
Max. installation length		m	25	25	30	50
Max. level difference		m	10	10	20	25
Power supply	outdoor	V/Hz/Ph	220÷240/50/1	220÷240/50/1	220÷240/50/1	220÷240/50/1
Protection	outdoor	A	10	16	16	20
Power cables	outdoor	No. of wires	3x1,5	3x1,5	3x2,5	3x2,5
Control wires	indoor - outdoor	x mm²	5x1,5	5x1,5	5x1,5	5x1,5
Factory refig. charge	up to 5 LM	kg	0,55	0,55	1,08	1,42
Addit. refig. charge	over 5 LM	g/m	12	12	12	24

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

## THE SET INCLUDES



Indoor unit  
**KWX**



Outdoor unit  
**KWX**



Wireless remote control  
**RG66A1**



## 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.



## 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.



## ENERGY EFFICIENCY

Energy-saving technology enables the device to operate in economy mode, which provides savings of up to 70% compared to conventional mode.