

# 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 - K AISAI FLY

MODEL	indoor unit		KWX-09HRHI	KWX-12HRHI	KWX-18HRHI	KWX-24HRHI
	outdoor unit		KWX-09HRHO	KWX-12HRHO	KWX-18HRHO	KWX-24HRHO
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)	6,7(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



## 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



## WIRED CONTROLLER (OPTION)

In addition to the standard wireless remote control, there is an option of connection via wired remote control.



## 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

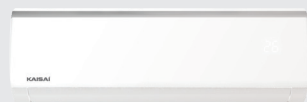
By using modern technology and the new refrigerant R32, the air conditioner can operate in a wide range of outdoor temperatures: from -15 to +50°C in cooling mode and from -25 to +30°C in heating mode.



## COMPRESSOR AND CONDENSATE TRAY HEATERS

The compressor crankcase heater prevents refrigerant absorption by the oil that may occur when the temperature drops. The drip tray heater supports the air conditioner's operation in the heating mode by preventing the drip tray from fouling, thus improving its efficiency and minimizing the risk of fan failure.

## THE SET INCLUDES



Indoor unit  
**KWX**



Outdoor unit  
**KWX**



Wireless remote control  
**RG10B1**