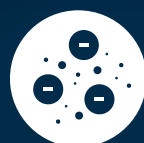


# KAISAI

# one



BIO HEPA  
FILTER



AIR  
IONIZATION



COLD CATALYST  
FILTER

## Time savings of up to 50%

New air conditioner design saves time on installation  
and daily maintenance.



WIFI MODULE  
AS STANDARD

R32

ECO-FRIENDLY  
REFRIGERANT R32



MULTIFUNCTIONAL  
REMOTE CONTROL



SIMPLE  
MAINTENANCE

# KAISAI

WE CARE ABOUT AIR



### 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

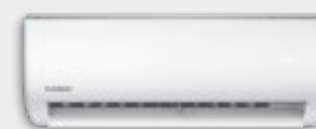
The ions emitted by the air conditioner break down dust mite particles, mold, bacteria, and viruses, eliminating them from the environment. An additional effect of the air conditioner is moistening the air, which has a positive impact on the skin and gives a pleasant feeling of freshness in the air-conditioned room.

### TECHNICAL SPECIFICATION - KAISAI ONE

| MODEL                             | indoor unit      |              | KRX-09AEGI    | KRX-12AEGI     | KRX-18AEGI      | KRX-24AEGI      |
|-----------------------------------|------------------|--------------|---------------|----------------|-----------------|-----------------|
|                                   | outdoor unit     |              | KRX-09AEGO    | KRX-12AEGO     | KRX-18AEGO      | KRX-24AEGO      |
| Average output.<br>(min÷max)      | cooling          | kW           | 2,6(1,2÷3,4)  | 3,5(1,4÷4,6)   | 5,3(2,0÷6,2)    | 7,2(2,1÷8,4)    |
|                                   | heating          | kW           | 2,9(0,8÷3,4)  | 4,1(0,9÷5,1)   | 5,7(1,3÷7,0)    | 7,6(2,1÷9,4)    |
| Energy class                      | cool./heat       |              | A++/A+        | A++/A+         | A++/A+          | A++/A+          |
| SEER                              | medium           | W/W          | 6,8           | 6,3            | 6,7             | 6,4             |
| SCOP                              | medium           | W/W          | 4,0           | 4,0            | 4,0             | 4,0             |
| Aver.power consump.<br>(min÷max)  | cooling          | W            | 737(100÷1312) | 1250(110÷1740) | 1500(150÷2220)  | 2260(230÷3010)  |
|                                   | heating          | W            | 811(140÷1380) | 1170(150÷1830) | 1390(220÷2330)  | 2110(330÷3150)  |
| Aver.working current<br>(min÷max) | cooling          | A            | 3,1(0,4÷6,0)  | 5,4(0,5÷7,6)   | 6,5(0,7÷9,7)    | 9,8(1,0÷13,1)   |
|                                   | heating          | A            | 3,5(0,6÷6,3)  | 5,1(0,7÷8,0)   | 6,0(1,0÷10,1)   | 9,2(1,4÷13,7)   |
| Air flow                          | indoor           | m³/h         | 486/433/329   | 549/482/357    | 809/718/545     | 978/864/646     |
|                                   | outdoor          | m³/h         | 2000          | 2000           | 2000            | 3200            |
| Working temp.<br>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)        | 41/35/29/20   | 41,5/36/28/23  | 44,5/37/28,5/24 | 45,5/39/35,5/27 |
|                                   | outdoor          | dB(A)        | 55,5          | 55             | 56              | 58,5            |
| Net dimensions s/w/g              | indoor           | mm           | 717/302/193   | 805/302/193    | 964/325/222     | 1106/342/232    |
|                                   | outdoor          | mm           | 770/555/300   | 770/555/300    | 800/554/333     | 845/702/363     |
| Transport dimensions<br>s/w/g     | indoor           | mm           | 785/375/285   | 875/375/285    | 1045/405/305    | 1195/420/315    |
|                                   | outdoor          | mm           | 900/585/345   | 900/585/345    | 920/615/390     | 965/765/395     |
| Net weight                        | indoor           | kg           | 7,8           | 8,2            | 10,8            | 14,3            |
|                                   | outdoor          | kg           | 27,0          | 27,2           | 37,0            | 50,0            |
| Transport weight                  | indoor           | kg           | 10,3          | 10,9           | 14,3            | 18,2            |
|                                   | outdoor          | kg           | 29,4          | 29,7           | 39,9            | 53,1            |
| 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           | 0,7           | 0,8            | 1,25            | 1,6             |
| 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  
KRX



Outdoor unit  
KRX



Wireless remote  
control  
RG66A

kaisai.com



### 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



### QUICK INSTALLATION

The air conditioner comes with a heavy-duty mounting plate, and the moulded casing provides ample space for pipes and wiring, greatly reducing installation time.



### SIMPLE MAINTENANCE

The air conditioner comes with a heavy-duty mounting plate, and the moulded casing provides ample space for pipes and wiring, greatly reducing installation time.



### MULTIFUNCTIONAL REMOTE CONTROL

With the remote control you can easily set the desired 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).



### 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.



### 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.