

KAISAI



BLACK ICE



ICE



AIR
IONIZATION



BIO HEPA
FILTER



3D
AIR FLOW

Modern and stylish panel *black or white*

Wall-mounted air conditioner with the highest energy efficiency class, offering a wide range of control options.



WIFI MODULE
AS STANDARD



ECO-FRIENDLY
REFRIGERANT R32



MULTIFUNCTIONAL
REMOTE CONTROL



WIDE TEMPERATURE
RAGE



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.



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 ICE/ICE BLACK

| MODEL | indoor unit | | KLW-09HRHI KLB-09HRHI | KLW-12HRHI KLB-12HRHI | KLW-18HRHI KLB-18HRHI | KLW-24HRHI KLB-24HRHI |
|---------------------------------------|--------------|----------|--------------------------|--------------------------|--------------------------|--------------------------|
| | outdoor unit | | KLWB-09HRHO | KLWB-12HRHO | KLWB-18HRHO | KLWB-24HRHO |
| Capacity average (min÷max) | cooling | kW | 2,6 (1,0-3,2) | 3,5 (1,4-4,3) | 5,3 (1,9-6,2) | 7,0 (3,0-8,7) |
| | heating | kW | 2,9 (0,8-3,4) | 3,8 (1,1-4,4) | 5,6 (1,3-6,9) | 7,3 (1,5-9,3) |
| Energy class | cool./heat. | | A+++ / A++ | A+++ / A++ | A++ / A+ | A++ / A+ |
| SEER | average | W/W | 8,8 | 8,5 | 7,0 | 6,4 |
| SCOP | average | W/W | 4,6 | 4,6 | 4,0 | 4,0 |
| Average power consumption (min÷max) | cooling | W | 628 (80÷1100) | 1005 (130÷1650) | 1550 (150÷2250) | 2420 (340÷3450) |
| | heating | W | 651 (70÷990) | 977 (160÷1560) | 1630 (220÷2350) | 2130 (300÷3150) |
| Average operating current (min÷max) | cooling | A | 2,7 (0,3÷4,8) | 4,4 (0,6÷7,2) | 6,7 (0,7÷9,8) | 10,5 (1,4÷15) |
| | heating | A | 2,8 (0,3÷4,3) | 4,2 (0,7÷6,8) | 7,1 (0,9÷10,2) | 9,3 (1,3÷13,7) |
| Air flow rate | indoor | m³/h | 510/360/300 | 520/370/310 | 800/600/500 | 1090/770/610 |
| | outdoor | m³/h | 2150 | 2200 | 2100 | 3500 |
| Operating temperature 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 level | indoor | dB(A) | 37/31/22/19 | 39/33/22/21 | 41/37/31/20 | 46/37/34,5/21 |
| | outdoor | dB(A) | 54,0 | 54,5 | 57,0 | 60,0 |
| Net dimensions w/h/d | indoor | mm | 835x295x208 | 835x295x208 | 969x320x241 | 1083x336x244 |
| | outdoor | mm | 765x555x303 | 765x555x303 | 805x554x330 | 890x673x342 |
| Transport dimensions w/h/d | indoor | mm | 905x355x290 | 905x355x290 | 1045x405x315 | 1155x415x315 |
| | outdoor | mm | 887x610x337 | 887x610x337 | 915x615x370 | 995x740x398 |
| Net weight | indoor | kg | 8,7 | 8,7 | 11,2 | 13,6 |
| | outdoor | kg | 26,4 | 26,4 | 33,5 | 43,9 |
| Transport weight | indoor | kg | 11,5 | 11,5 | 14,6 | 17,3 |
| | outdoor | kg | 28,8 | 28,8 | 36,1 | 46,9 |
| Pipe diameter: liquid/gas | | mm | 6,35/9,52 | 6,35/9,52 | 6,35/12,7 | 9,52/15,9 |
| Maximum installation length | | m | 25 | 25 | 30 | 50 |
| Maximum height 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 |
| Circuit breaker/fuse | outdoor | A | 10 | 16 | 16 | 20 |
| Power supply lines | outdoor | of wires | 3x1,5 | 3x1,5 | 3x2,5 | 3x2,5 |
| Control lines | ind. - outd. | x mm² | 5x1,5 | 5x1,5 | 5x1,5 | 5x1,5 |
| Factory amount of refrigerant | up to 5 mb | kg | 0,62 | 0,62 | 1,1 | 1,45 |
| Additional amount of refrigerant | over 5 mb | g/m | 12 | 12 | 12 | 24 |

THE SET INCLUDES



Indoor unit **KLW/KLB**



Outdoor unit **KLWB**



Wireless remote control **RG10A1**



GEAR MODE

Thanks to the possibility of adjusting the temperature and air speed in Gear mode you can control power consumption by setting the maximum level of intensity of the device.



ECO MODE

With enabled Eco function, the air conditioner automatically adjusts the temperature and fan speed to maximize energy efficiency. This reduces energy consumption, saving more than 60% compared to standard operation.



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.



WIRED CONTROLLER (OPTION)

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



CENTRAL CONTROLLER (OPTION)

The MFB board allows to connect an optional central controller and BMS gateway.