

KAISAI

PROHEAT+



AIR
IONIZATION



GENTLE
COOLING



3D
AIR FLOW



SILVER ION
FILTER

Simple installation and service,
highest **heating efficiency**
at temperatures down **to -25°C**



WIFI MODULE
AS STANDARD



ECO-FRIENDLY
REFRIGERANT R32



MULTIFUNCTIONAL
REMOTE CONTROL



WIDE TEMPERATURE
RANGE



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.



GENTLE COOLING

More than 1,000 precisely positioned micro-exhaust vents generate a gentle stream of air, which spreads evenly throughout the room. This function minimises the sensation of draught, providing optimum thermal comfort and subtle cooling, ideal for users sensitive to intensive ventilation.



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 PRO HEAT +

MODEL	indoor unit		KRW-09TLHI KRB-09TLHI	KRW-12TLHI KRB-12TLHI	KRW-18TLHI KRB-18TLHI	KRW-24TLHI KRB-24TLHI
	outdoor		KRWB-09TLHO	KRWB-12TLHO	KRWB-18TLHO	KRWB-24TLHO
Capacity average (min÷max)	cooling	kW	2.6 (0.9~3.7)	3.5 (1.0~4.6)	5.2 (1.3~5.9)	7 (1.8~7.8)
	heating	kW	3.0 (0.9~4.0)	3.8 (1.0~4.9)	5.5 (1.3~6.7)	7.1 (1.9~8.0)
Energy class	cool./heat.		A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++
SEER	average	W/W	8.5	8.5	8.5	8.5
SCOP	average	W/W	4.6	4.7	4.6	4.7
Average power consumption (min÷max)	cooling	W	672 (240~1380)	1051 (290~1510)	1417 (330~2350)	1940 (410~2830)
	heating	W	860 (240~1552)	963 (290~1720)	1401 (340~2540)	1810 (420~3010)
Average operating current (min÷max)	cooling	A	3.0 (1.2~8.1)	4.8 (1.5~9.2)	6.4 (1.7~12.0)	8.7 (2.3~15.5)
	heating	A	3.9 (1.2~9.0)	4.0 (1.5~10.0)	6.4 (1.7~13.0)	8.0 (2.3~16.0)
Air flow rate	indoor	m³/h	560	670	1000	1100
	outdoor	m³/h	2200	2200	3000	4000
Amount of moisture removed	indoor	L/h	1.2	1.5	1.8	2
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 +53/-25+30	-15 +53/-25+30	-15 +53/-25+30	-15 +53/-25+30
Sound pressure level	indoor	dB(A)	44/41/37/34/29/25/19	44/41/37/34/29/25/19	47/42/40/38/36/34/32	50/44/40/37/34/30/26
	outdoor	dB(A)	52	53	55	58
Transport dimensions w/h/d	indoor	mm	820×306×195	820×306×195	920×306×195	1100×333×222
	outdoor	mm	787×498×290	810×549×305	927×699×380	978×803×421
Transport dimensions w/h/d	indoor	mm	890×380×265	890×380×265	990×380×265	1165×405×295
	outdoor	mm	818×520×325	835×575×328	949×732×392	1022×835×480
Net weight	indoor	kg	9	9	10	14
	outdoor	kg	22	24	38	45
Transport weight	indoor	kg	11	11	13	17
	outdoor	kg	24	26	41	49.5
Pipe diameter: liquid/gas		mm	6.35/9.52	6.35/9.52	6.35/12.0	6.35/12.0
Maximum installation length		m	25	25	25	25
Maximum height difference		m	10	10	10	10
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	10	16	20
Power supply lines	outdoor	of wires	3x1.5	3x1.5	3x2.5	3x2.5
Control lines	ind. - outd.	x mm²	4x1.5	4x1.5	4x1.5	4x1.5
Factory amount of refrigerant	up to 5 mb	kg	0.57	0.6	0.87	1.27
Additional amount of refrigerant	over 5 mb	g/m	15	15	25	25

THE SET INCLUDES



Indoor unit **KRW/KRB**



Outdoor unit **KRWB**



Wireless remote control **85T2**



GOLDEN FINS

A special coating applied to the heat exchanger fins protects them from corrosion, increasing unit's efficiency. This ensures that the air conditioner remains reliable and efficient even in demanding conditions, while reducing maintenance costs.



UVC LAMP

Effectively eliminates bacteria, viruses and other microorganisms, providing hygienic and healthy climate. The lamp's effect also supports the neutralisation of unpleasant odours, resulting in improved air quality.



HEATING 8 °C

It enables a minimum temperature to be maintained in unused rooms, preventing the building from cooling down and the installation from freezing. This function is particularly useful in seasonal homes and storage rooms.



CONDENSATE TRAY HEATER

Prevents condensate from freezing during heating operation, ensuring continuous operation of the unit even at low temperatures. This solution increases reliability of the air conditioner in difficult winter conditions.



BUILT-IN EXPANSION VALVE

Optimises refrigerant flow, increasing the efficiency of the unit and the stability of its operation. This solution reduces energy consumption and ensures smooth operation of the cooling and heating system.