



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. (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. (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 (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. 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 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



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.