KAISAI

Wilmod

cooling & systems

WALL MOUNTED AIR CONDITIONER

one

- Modern design
- Easy installation
- Easy maintenance
- Easy clean

SAVE TIME UP TO 50%

A++		R32		
ENERGY EFFICIENCY	WI-FI STANDARD	ECOLOGICAL REFRIGERANT	WIDE RANGE OF OPERATING TEMPERATURES	MULTIFUNCTIONAL REMOTE CONTROLLER

TECHNICAL DATA

MODEL INDOOR	KRX-09AEXI	KRX-12AEXI	KRX-18AEXI	KRX-24AEXI
MODEL OUTDOOR	**KRX-09AEXO**	**KRX-12AEXO**	**KRX-18AEXO**	**KRX-24AEXO**
Cooling capacity (min-max) [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 capacity (min-max) [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 efficiency class cooling/heating	A++/A+	A++/A+	A++/A+	A++/A+
SEER	6.8	6.3	6.7	6.4
SCOP	4	4	4	4
Power consumption cooling (min-max) [W]	737 (100÷1312)	1250 (110÷1740)	1500 (150÷2220)	2260 (230÷3010)
Power consumption heating (min-max) [W]	811 (140÷1380)	1170 (150÷1830)	1390 (220÷2330)	2110 (330÷3150)
Operating current cooling (min-max) [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)
Operating current heating (min-max) [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 of indoor unit [m^3/h]	486/433/329	550/490/360	810/720/550	1050 /970/650
Air flow of outdoor unit [m^3/h]	2000	2000	2100	2700
Operating temp. outdoor cooling/heating [°C]	-15÷50/-25÷30	-15÷50/-25÷30	-15÷50/-25÷30	-15÷50/-25÷30
Operating temp. indoor cooling/heating [°C]	17÷32/0÷30	17÷32/0÷30	17÷32/0÷30	17÷32/0÷30
Sound pressure of indoor unit dB [A]	41/35/29/20	41/37/30/23	45/41/33/24	46/44/35/27
Sound pressure of outdoor unit dB [A]	55	55	57	59
Dimensions of indoor unit w/d/h [mm]	717x193x302	805x193x302	964x222x325	1106x232x342
Dimensions of outdoor unit w/d/h [mm]	770x300x555	770x300x555	800x333x554	845x363x702
Packing of indoor unit w/d/h [mm]	785x285x375	875x285x375	1045x305x405	1195x315x420
Packing of outdoor unit w/d/h [mm]	900x345x595	900x345x585	920x390x615	965x395x765
Net weight of indoor unit [kg]	7.8	8.2	10.8	14.3
Net weight of outdoor unit [kg]	27.2	27.0	37.0	50.0
Gross weight of indoor unit [kg]	10.3	10.9	14.3	18.2
Gross weight of outdoor unit [kg]	29.7	29.4	39.9	53.1
Pipe diameters liquid/gas [mm]	6.35/9.52	6.35/9.52	6.35/12.7	9.52/15.9
Max. lenght of installation [m]	25	25	30	50
Max. difference in levels [m]	10	10	20	25
Power supply outdoor unit [V, Hz, Ph]	220÷240, 50, 1	220÷240, 50, 1	220÷240, 50, 1	220÷240, 50, 1
Protection outdoor unit [A]	10	16	16	20
Power supply wires outdoor unit [of wires x mm^2]	3x1.5	3x1.5	3x2.5	3x2.5
Control wires indoor – outdoor unit [of wires x mm^2]	5x1.5	5x1.5	5x1.5	5x1.5
Factory amount of refrigerant up to 5 m [kg]	0.7	0.8	1.25	1.6
Extra amount of refrigerant above 5 m [g/m]	12	12	12	24

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MOST IMPORTANT FUNCTIONS

A++ ENERGY EFFICIENCY

The energy saving technology allows to operate in eco mode, what brings up to 70% savings compared to conventional mode.

WI-FI STANDARD

Thanks to the Wi-Fi module the air conditioning can be controlled with the use of a mobile phone or tablet.

R32 ECOLOGICAL REFRIGERANT

R32 offers low GWP (Global Warming Potential) index, better cooling/heating capacity and volumetric efficiency. The volumetric efficiency of R32 is 20% higher than for R410A, which means much lower refrigerant volume charged to the system.

WIDE RANGE OF OPERATING TEMPERATURES

Using the modern technologies and new refrigerant R32, the air conditioner has a wide range of outside operating temperatures: -15÷50°C in cooling mode and -25÷30°C in heating mode.

MULTIFUNCTIONAL REMOTE CONTROLLER

You can easily set the appropriate air parameters in the room. The remote controller has useful functions like: evaporator self-cleaning (SELF CLEAN), constant heating 8°C (HEATING 8°C), temperature sensor (FOLLOW ME).

EASY INSTALLATION

The air conditioner has a set of strong and spacious installation plate and cupboard, which provides lots of space for piping and wiring connection and allows for better terminal wiring, greatly reducing installation time.

EASY MAINTENANCE

The new design features a universal PCB and electrical components, which are easy to remove, reducing maintenance time.

EASY CLEAN

The filters are easy to be pulled out from the top rather than inside the panel, making regular cleaning more convenient.