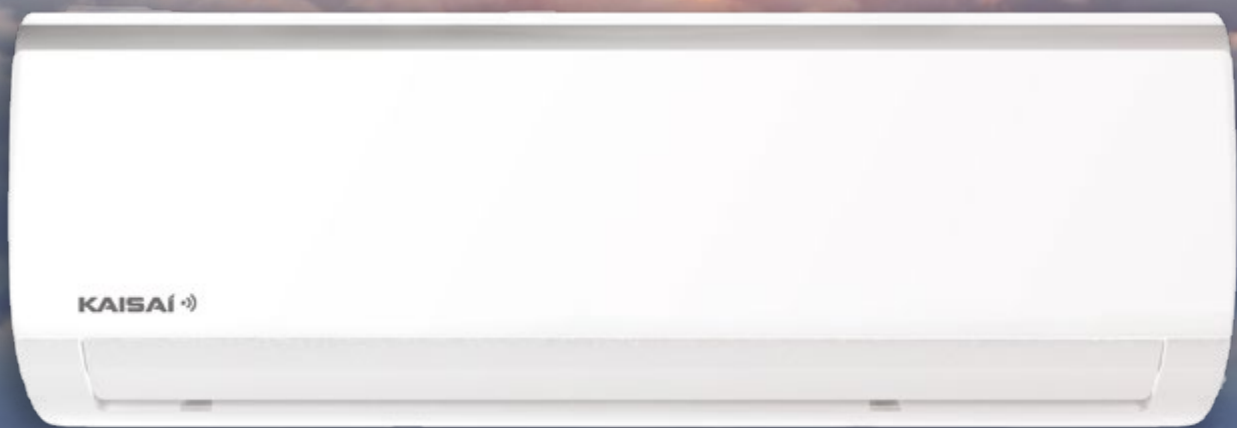


KAISAI

FLY

FUTURE TECHNOLOGY



AIR CONDITIONING
WITH ECOLOGICAL REFRIGERANT R32

A++

ENERGY EFFICIENCY



WI-FI
STANDARD

R32

ECOLOGICAL
REFRIGERANT



WIDE RANGE
OF OPERATING
TEMPERATURES



MULTIFUNCTIONAL
REMOTE CONTROLLER

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TECHNICAL DATA

MODEL INDOOR	KWX-09HRBI	KWX-12HRBI	KWX-18HRBI	KWX-24HRBI
MODEL OUTDOOR	KWX-09HRB0	KWX-12HRB0	KWX-18HRB0	KWX-24HRB0
Cooling capacity (min-max) [kW]	2,6(0,9÷3,4)	3,5(1,1÷4,2)	5,3(1,8÷6,1)	7,0(2,1÷7,9)
Heating capacity (min-max) [kW]	2,9(0,8÷3,4)	3,8(1,1÷4,2)	5,6(1,4÷6,7)	7,3(1,6÷8,8)
Energy efficiency class cooling/heating	A++/A+	A++/A+	A++/A+	A++/A+
SEER	6,3	6,1	7,1	6,1
SCOP	4,0	4,0	4,0	4,0
Power consumption cooling (min-max) [W]	732(100÷1240)	1213(130÷1580)	1539(140÷2360)	2345(160÷2960)
Power consumption heating (min-max) [W]	733(120÷1200)	1088(100÷1680)	1480(200÷2410)	2035(260÷3140)
Operating current cooling (min-max) [A]	3,2(0,4÷5,4)	5,3(0,5÷6,9)	6,9(0,6÷10,3)	10,2(0,7÷13,3)
Operating current heating (min-max) [A]	3,2(0,5÷5,2)	4,7(0,4÷6,9)	6,4(0,9÷10,5)	10,2(1,1÷13,3)
Air flow of indoor unit [m³/h]	466/360/325	540/430/314	840/680/540	980/817/662
Air flow of outdoor unit [m³/h]	1750	1800	2500	3000
Operating temp. outdoor cooling/heating [°C]	17÷32/0÷30	17÷32/0÷30	17÷32/0÷30	17÷32/0÷30
Operating temp. indoor cooling/heating [°C]	-15÷50/-25÷30	-15÷50/-25÷30	-15÷50/-25÷30	-15÷50/-25÷30
Sound pressure of indoor unit dB [A]	38,5/32/25/21	40,5/34,5/25/22	44/37/30/25	44,5/42/34,5/28
Sound pressure of outdoor unit dB [A]	55,5	56	56	59,5
Dimensions of indoor unit w/h/d [mm]	805/285/194	805/285/194	957/302/213	1040/327/220
Dimensions of outdoor unit w/h/d [mm]	720/495/270	720/495/270	800/554/333	845/702/363
Packing of indoor unit w/h/d [mm]	870/365/270	870/365/270	1035/380/295	1120/310/405
Packing of outdoor unit w/h/d [mm]	835/540/300	835/540/300	920/615/390	965/765/395
Net weight of indoor unit [kg]	7,6	7,6	10,0	12,3
Net weight of outdoor unit [kg]	23,2	23,2	34,0	51,5
Gross weight of indoor unit [kg]	9,7	9,7	13,0	15,8
Gross weight of outdoor unit [kg]	25,0	25,0	36,7	54,5
Pipe diameters liquid/gas [mm]	6,35/9,52	6,35/9,52	6,35/12,7	9,52/15,9
Max. length 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 mm²]	3x1,5	3x1,5	3x2,5	3x2,5
Control wires indoor – outdoor unit [of wires x mm²]	5x1,5	5x1,5	5x1,5	5x1,5
Factory amount of refrigerant up to 5 m [kg]	0,55	0,55	1,0	1,6
Extra amount of refrigerant above 5 m [g/m]	12	12	12	24

MOST IMPORTANT FUNCTIONS



NEW
REMOTE
CONTROLLER



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.

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.



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).

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