

**KAISAI**

air conditioning / heating / ventilation  
for home and office



**product catalog**  
product price list

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**2019/2020**  
EDITION

A<sup>+</sup>

R32



# fly

## wall-mounted air conditioners

KWX 09 | 12 | 18 | 24 HRDI



The Kaisai Fly energy-saving wall-mounted air conditioner with R32 refrigerant combines elegance with functionality. Its universal, timeless design makes it suitable for any interior.

The device enables effective operation in the heating mode at outdoor temperature even down to -25°C. WiFi function as standard increases the convenience of air conditioning control, and a modern wireless remote control allows you to use 3 additional functions: evaporator self-cleaning (Self Clean), continuous heating 8°C (Heating 8°C) and temperature sensor in the remote control (Follow Me).



KWX 09 | 12 | 18 | 24 HRDI



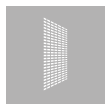
excellent solution for bedroom, sitting room or office



### UNIT FUNCTIONS



Wide range of temperatures



Filter with high-density



Memory of louvers settings



Indication of refrigerant leakage



Operation at low outdoor temperature



Control WiFi



Emergency use



Temperature sensor in remote control unit



Standby mode



Evaporator self-cleaning



Self-diagnosis



8°C heating function



Mono- and multi-unit



Timer



Automatic restart



Sleep function



WiFi module as standard



Filter with silver ions



Filter with C vitamin



3M filter

## TECHNICAL SPECIFICATION

MODEL	indoor unit		KWX-09HRDI	KWX-12HRDI	KWX-18HRDI	KWX-24HRDI
	outdoor unit		KWX-09HRDO	KWX-12HRDO	KWX-18HRDO	KWX-24HRDO
Capacity average (min-max)	cooling	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	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 class	cooling/heating		A++/A+	A++/A+	A++/A+	A++/A+
SEER	average	W/W	6.2	6.1	7.1	6.1
SCOP	average	W/W	4	4	4	4
Power input average (min-max)	cooling	W	710(100÷1,240)	1,237(130÷1,580)	1,539(140÷2,360)	2,345(160÷2,960)
	heating	W	739(120÷1,200)	964(100÷1,580)	1,480(200÷2,410)	2,035(260÷3,140)
Operation current average (min-max)	cooling	A	3.1(0.4÷5.4)	5.4(0.5÷6.9)	6.9(0.6÷10.3)	10.2(0.7÷13.3)
	heating	A	3.2(0.5÷5.2)	4.2(0.4÷6.9)	6.4(0.9÷10.5)	10.2(1.1÷13.3)
Air flow	indoor	m <sup>3</sup> /h	520/460/360	600/500/360	840/680/540	980/817/662
	outdoor	m <sup>3</sup> /h	1,700	1,700	2,500	3,000
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)	40/30/26/21	40/34/26/22	44/37/30/25	44.5/42/34.5/28
	outdoor	dB(A)	55.5	56	56	59.5
Net dimensions w/h/d	indoor	mm	805/285/194	805/285/194	957/302/213	1,040/327/220
	outdoor	mm	700/550/275	700/550/275	800/554/333	845/702/363
Transport dimensions w/h/d	indoor	mm	870/360/270	870/360/270	1035/380/295	1,120/310/405
	outdoor	mm	815/615/325	815/615/325	920/615/390	965/765/395
Net weight	indoor	kg	7.5	7.5	10	12.3
	outdoor	kg	22.7	22.7	34	51.5
Transport weight	indoor	kg	9.7	9.7	13	15.8
	outdoor	kg	25.2	25.2	36.7	54.5
Pipe diameter: liquid/gas		mm	6.35/9.52	6.35/9.52	6.35/12.7	9.52/15.9
Total length of installation		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
Circuit breaker/fuse	outdoor	A	10	16	16	20
Power supply lines	outdoor	# of wires x mm <sup>2</sup>	3x1.5	3x1.5	3x2.5	3x2.5
Control lines	ind. - outd.	# of wires x mm <sup>2</sup>	5x1.5	5x1.5	5x1.5	5x1.5
Factory amount of refrigerant	up to 5 m	kg	0.5	0.5	1	1.6
Additional amount of refrigerant	over 5 m	g/m	12	12	12	24
<b>NET PRICE EUR</b>			<b>672</b>	<b>718</b>	<b>1141</b>	<b>1485</b>

## ACCESSORIES AND CONTROLLERS



WIRELESS  
CONTROL UNIT  
**RG57**



WIRED  
CONTROLLER  
**KJR12B**  
(OPTIONAL)



WIRED  
CONTROLLER  
**KJR90A**  
(OPTIONAL)