



50

fly

ice

geo

hot

pro heat

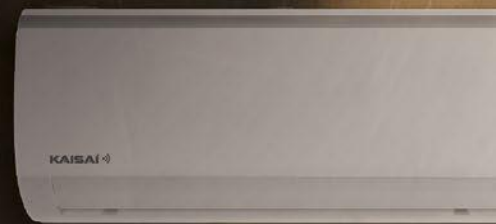
Wall-mounted air conditioners

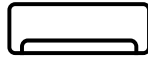
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The compact dimensions of the wall-mounted units provide an elegant appearance and comfort of use, combined with high efficiency and simple installation.

All wall-mounted KAISAI air conditioners use the environmentally friendly R32 refrigerant, and standard accessories include the Wi-Fi function to control the unit using mobile devices. Depending on the model, there is a number of practical functions available for intuitive control and the optimum adaptation of the device to the needs of the user.

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KLW 09 | 12 | 18 | 24 HRHI
KLB 12 | 18 HRHI

**NEW
2023**

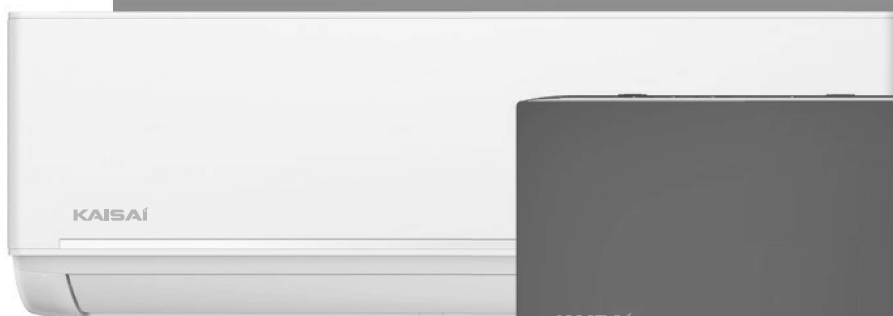
ice

Wall air conditioner with stylish panel in two color variants: crystal white and mirror black.

A high energy class and a number of features that take care of the health and high comfort of the user comfort are additional hallmarks of this model. Kaisai Ice is equipped with compressor and condensate tray heaters, an ionizer air and a Bio HEPA filter. In addition to the standard control capabilities control, it offers rich additional options, such as connecting a controller central controller or a BMS gateway.

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A⁺⁺ | R32 | 



KLW



KLB



Features of Kaisai Ice

Wide temperature range	Simple installation	Blinds settings memory	Refrigerant leakage indication	Operation at low outside temperatures	BIO HEPA filter	Emergency use	Wi-Fi control	Standby mode	Multi-functional remote control	Heating function 8°C	Self-cleaning evaporator
3D air supply	Sleep function	Timer	Automatic restart	Self-diagnosis	Remote control temperature sensor	Air ionization	Compressor and condensate tray heaters	Gear mode	Eco mode	Smooth fan speed adjustment	Mono & multi
Turbo mode	Silver ion filter	Vitamin C filter	3M filter	MFB module							

Technical specification

MODEL	indoor unit		KLW-09HRHI	KLW-12HRHI	KLW-12HRHI	KLW-18HRHI	KLW-18HRHI	KLW-24HRHI
	outdoor unit		KLWB-09HRHO	KLWB-12HRHO	KLWB-12HRHO	KLWB-18HRHO	KLWB-18HRHO	KLWB-24HRHO
Capacity average (min÷max)	cooling	kW	2,6 (1,0-3,2)	3,5 (1,4-4,3)	3,5 (1,4-4,3)	5,3 (1,9-6,2)	5,3 (1,9-6,2)	7,0 (3,0-8,7)
	heating	kW	2,9 (0,8-3,4)	3,8 (1,1-4,4)	3,8 (1,1-4,4)	5,6 (1,3-6,9)	5,6 (1,3-6,9)	7,3 (1,5-9,3)
Energy class	cooling/heating		A+++ / A++	A+++ / A++	A+++ / A++	A++ / A+	A++ / A+	A++ / A+
SEER	average	W/W	8,8	8,5	8,5	7,0	7,0	6,4
SCOP	average	W/W	4,6	4,6	4,6	4,0	4,0	4,0
Average power consumption (min÷max)	cooling	W	628 (80÷1100)	1005 (130÷1650)	1005 (130÷1650)	1550 (150÷2250)	1550 (150÷2250)	2420 (340÷3450)
	heating	W	651 (70÷990)	977 (160÷1560)	977 (160÷1560)	1630 (220÷2350)	1630 (220÷2350)	2130 (300÷3150)
Average operating current (min÷max)	cooling	A	2,7 (0,3÷4,8)	4,4 (0,6÷7,2)	4,4 (0,6÷7,2)	6,7 (0,7÷9,8)	6,7 (0,7÷9,8)	10,5 (1,4÷15)
	heating	A	2,8 (0,3÷4,3)	4,2 (0,7÷6,8)	4,2 (0,7÷6,8)	7,1 (0,9÷10,2)	7,1 (0,9÷10,2)	9,3 (1,3÷13,7)
Air flow rate	indoor	m³/h	510/360/300	520/370/310	520/370/310	800/600/500	800/600/500	1090/770/610
	outdoor	m³/h	2150	2200	2200	2100	2100	3500
Operating temp. cooling/heating	indoor	°C	17÷32/0÷30	17÷32/0÷30	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	-15+50/-25+30	-15+50/-25+30
Sound pressure level	indoor	dB(A)	37/31/22/19	39/33/22/21	39/33/22/21	41/37/31/20	41/37/31/20	46/37/34,5/21
	outdoor	dB(A)	54,0	54,5	54,5	57,0	57,0	60,0
Net dimensions w/h/d	indoor	mm	835x295x208	835x295x208	835x295x208	969x320x241	969x320x241	1083x336x244
	outdoor	mm	765x555x303	765x555x303	765x555x303	805x554x330	805x554x330	890x673x342
Transport dimensions w/h/d	indoor	mm	905x355x290	905x355x290	905x355x290	1045x405x315	1045x405x315	1155x415x315
	outdoor	mm	887x610x337	887x610x337	887x610x337	915x615x370	915x615x370	995x740x398
Net weight	indoor	kg	8,7	8,7	8,7	11,2	11,2	13,6
	outdoor	kg	26,4	26,4	26,4	33,5	33,5	43,9
Transport weight	indoor	kg	11,5	11,5	11,5	14,6	14,6	17,3
	outdoor	kg	28,8	28,8	28,8	36,1	36,1	46,9
Pipe diameter: liquid/gas		mm	6,35/9,52	6,35/9,52	6,35/9,52	6,35/12,7	6,35/12,7	9,52/15,9
Maximum installation length		m	25	25	25	30	30	50
Maximum height difference		m	10	10	10	20	20	25
Power supply	outdoor	V/Hz/Ph	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Circuit breaker/fuse	outdoor	A	10	16	16	16	16	20
Power supply lines	outdoor	# of wires	3x1,5	3x1,5	3x1,5	3x2,5	3x2,5	3x2,5
Control lines	ind. - outd.	x mm²	5x1,5	5x1,5	5x1,5	5x1,5	5x1,5	5x1,5
Refrigerant	factory amt.	up to 5 m	kg	0,62	0,62	1,1	1,1	1,45
	add amt.	over 5 m	g/m	12	12	12	12	24

Controllers

WIRELESS
REMOTE CONTROL**RG10A1**WIRED REMOTE
CONTROL**KJR12B
(OPTIONAL)**WIRED REMOTE
CONTROL**KJR-120X2
(OPTIONAL)**WIRED REMOTE
CONTROL**KJR90A
(OPTIONAL)**WIRED REMOTE
CONTROL**CCM
(OPTIONAL)**

