KAISAI

FLY+

Eco+ function
based on ai algorithm

Easy installaton
service maintenance

56°C sterilisation



New platform

New possibilities

- Gear function
- Smooth adjustment of indoor fan speed
- Silent function for outdoor unit

M-Line

KAISAI

WE CARE ABOUT AIR

Gear function

Thanks to the possibility of adjusting the temperature and sir speed in Gear mode you can control power con-sump-tion by setting the maximum level of intensity of the device.

Eco+ function based on ai algorithm

Powered by billions of AC opera-tional data, ECO+ can deliver a more premium comfort saving experience, superior than conventional inverter saving technologies.

Silent function for outdoor unit

To make outdoor AC quieter and avoid the loud noises from outdoor unit to disturb neighbors, users can enter silent mode by long-pressing the fan speed button to lower the AC frequency and fan speed.

Multi functional board as option

Enables connection of: KJR-120N wired controller, CCM central control-ler, Modbus gateway, ON/OFF control signal, alarm signal output.

Easy installaton service maintenance

The new design features a universal PCB and electrical components, which are easy to remove, reducing. Maintenance time. 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 bet-ter terminal wiring, greatly reducing installation time.

56°c sterilisation

Effectively inactivate thermosensitive bacteria at 56°C for 30 minutes. The AC unit can spin the fan in reverse direction to remove condensed water for self-cleaning in Off mode, effec-tively preventing bacteria and mold from breeding.

Compressor and condensate tray heaters

The compressor crankcase heater prevents refrigerant absorption by the oil that may occur when the temperature drops. The drip tray heater supports the air conditioner's operation in the heating mode by preventing the drip tray from fouling, thus improving its

Smooth adjustment of indoor fan speed

This function allows the indoor unit fan' efficiency level to be continuously adjusted within the 1-100% range.

The set includes



Indoor unit
KKWX



Outdoor unit
KKOX



Remote controller
RG10D4

check our offer at
kaisai.com

Technical specifications - FLY+

Model	indoor unit		KKWX-09RRA1	KKWX-12RRA1	KKWX-18RRA1	KKWX-24RRA1
	outdoor unit		KKOX-09RRA1	KKOX-12RRA1	KKOX-18RRA1	KKOX-24RRA1
Cooling capacity	average (min-max)	kW	2.6(1.1~3.2)	3.5(1.1~3.8)	5.2(1.8~5.9)	7.0(2.0~7.8)
Heatng capacity	average (min-max)	kW	2.9(0.8~3.6)	3.8(1.1~4.1)	5.4(1.3~6.1)	7.3(1.6~7.8)
Energy class	cooling/heating		A++/A+	A++/A+	A++/A+	A++/A+
SEER	average	W/W	7.0	6.5	7.4	6.5
SCOP	average	W/W	4.1	4.1	4.1	4.1
Cooling power input	average (min-max)	kW	0.8(0.1~1.3)	1,4(0,1-1,5)	1,6(0,1-2,1)	2.6(0.4~3.9)
Heating power input	average (min-max)	kW	0.8(0.1~1.2)	1.2(0.2~1.4)	1.4(0.2~1.7)	2.2(0.3~2.5)
Cooling current	average (min-max)	A	3.8(0.8~5.6)	6.3(0.8~6.7)	7.1(0.6~9.3)	11.5(1.8~19.0)
Heating current	average (min-max)	A	3.7(1.2~5.2)	5.4(1.4~6.0)	6.1(0.9~7.6)	11.0(1.3~11.1)
Air flow (Hi/Mi/Lo/Si)	indoor unit	m3/h	510/380/300/140	590/420/340/190	800/600/470/340	1039/752/606/400
	outdoor unit	m3/h	1750	1750	2100	3500
Moisture removal	indoor unit	L/h	1.1	1.2	2.0	2.9
Operation tem-perature cooling/ heating	indoor unit	°C	16÷32/0÷30	16÷32/0÷30	16÷32/0÷30	16÷32/0÷30
	outdoor unit	°C	.-15 +50/-25+24	.-15 +50/-25+24	.-15 +50/-25+24	.-15 +50/-25+24
Sound pressure level(Hi/Mi/Lo/Si)	indoor unit	dB(A)	38.5/33.0/23.5/19.0	39.0/32.0/24.0/20.0	43.0/35.5/33.5/20.0	45.0/39.5/36.0/20.0
	outdoor unit	dB(A)	54.5	56.0	57.5	60.0
Dimensions net w/h/d	indoor unit	mm	723×286×199	813×289×201	975×308x218	1055×330x231
	outdoor unit	mm	720×495×270	720×495×270	805×554×330	890×673×342
Package dimen-sions w/h/d	indoor unit	mm	780×365×270	870×365×270	1035×385×295	1130×310x405
	outdoor unit	mm	835×540×300	835×540×300	915×615×370	995×740×398
Weight net	indoor unit	kg	7.0	7.4	10.3	12.4
	outdoor unit	kg	20.4	20.4	29.8	38.3
Weight gross	indoor unit	kg	9,2	9,7	13,3	15,9
	outdoor unit	kg	22,3	22,3	32,3	41,5
Pipe diameter liquid/gas		mm	6,35/9,52	6,35/9,52	6,35/12,7	6,35/12,7
Maximum installation lenght		m	25	25	30	50
Maximum difference in level		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
Circuit braker	outdoor unit	A	10	10	16	20
Power supply wiring	outdoor unit	mm2	3x1,5	3x1,5	3x2,5	3x2,5
Communication line	indoor- outdoor unit	mm2	5x1,5	5x1,5	5x1,5	5x1,5
Refrigerant charge	up to 5 mb	kg	0.46	0.49	0.80	0.95
Additional refriger-ant charge	over 5 mb	g/m	12	12	12	12