

KCD 24 | 36 | 48 | 55 HRG32X

# kcd

**Air conditioners that are ideal for suspended ceilings with particularly limited technical space.**

The air gap area has been increased by 23%, making the air conditioner quieter and more efficient. Compared to the previous model, the height of the condensate pump lift has also been increased to 100 cm and its placement outside the unit makes maintenance or potential replacement much easier. A new feature is the Wi-Fi port built into the air conditioner, allowing you to control the unit via an app on your phone or tablet.

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





























**A<sup>+</sup>**

**R32**



### Features of **Kaisai KCD**

- |   |   |   |   |   |   |   |   |  |   |   |   |
|---|---|---|---|---|---|---|---|--|---|---|---|
|  |  |  |  |  |  |  |  |  |  |  |  |
| Blinds settings memory  | Fresh air   | 360° air supply   | Refrigerant leakage indication  | Sleep function  | Cold air control  | Emergency use   | Timer   | Automatic restart  | Alarm port  | Self-diagnosis  | Operation at low outside temperatures   |
|  |  |  |  |  |  |  |  |  |  |  |  |
| Twin combination  | Turbo mode  | Gear mode   | The Eco Mode  | On-off port   | Quiet operation   | Temperature compensation  | Remote control temperature sensor   | Built-in condensate pump   | Self-cleaning evaporator  | Smooth fan speed adjustment   | Compressor and condensate tray heaters  |
|  |  |  |  | <b>OPTIONAL</b>   |   |  |  |  |   |   |   |
| Heating function 8°C  | Wi-Fi control   | Function Vane   | Breeze Away function  | Central controller  | Wired controller  |   |   |  |   |   |   |

## Technical specification

MODEL	indoor unit		KCD-24HRG32X	KCD-36HRG32X	KCD-36HRG32X	KCD-48HRG32X	KCD-55HRG32X
	outdoor unit		KOX430-24HF-N32X	KOD30U-36HFJ32X	KOD30U-36HF-N32X	KOE30U-48HF-N32X	KOE30U-55HF-N32X
Capacity average (min÷max)	cooling	kW	7,0(3,3÷7,9)	10,6(2,7÷11,4)	10,6(2,7÷11,4)	14,1(3,5÷15,8)	15,2(4,1÷16,7)
	heating	kW	7,6(2,8÷8,9)	11,1(2,8÷12,0)	11,1(2,8÷12,7)	16,1(4,1÷17,3)	18,2(4,4÷19,9)
Energy class	cooling/heating		A++/A+	A++/A+	A++/A+	A++/A+	A++/A+
SEER	average	W/W	6,2	6,7	6,4	6,1	6,3
SCOP	average	W/W	4,0	4,0	4,0	4,0	4,0
Average power consumption (min÷max)	cooling	W	2320 (780÷2748)	3950 (900÷4200)	4000 (890÷4150)	4650 (800÷5900)	5000 (980÷6200)
	heating	W	1900 (610÷2700)	3000 (800÷3950)	3000 (780÷4000)	4580 (900÷5500)	5550 (1020÷6700)
Average operating current (min÷max)	cooling	A	10,2(4,2÷12,0)	17,5 (4,2÷18,5)	6,5 (1,4÷6,5)	8,1 (1,8÷10,2)	8,6 (2,1÷10,7)
	heating	A	8,5 (3,6÷12,1)	13,5 (3,5÷17,5)	5,0 (1,3÷6,4)	8,0 (1,9÷9,5)	9,6 (2,1÷10,7)
Air flow rate	indoor	m <sup>3</sup> /h	1300/1140/1000	1700/1550/1380	1800/1600/1400	1970/1780/1580	2000/1850/1650
	outdoor	m <sup>3</sup> /h	3500	4000	4000	7500	7500
Operating temp. cooling/heating	indoor	°C	16÷32/0÷30	16÷32/0÷30	16÷32/0÷30	16÷32/0÷30	16÷32/0÷30
	outdoor	°C	-15+50/-15+24	-15+50/-15+24	-15+50/-15+24	-15+50/-15+24	-15+50/-15+24
Sound pressure level	indoor	dB(A)	45,5/42,5/39,5/27	50/47,5/44,5/39	50/47,5/44,5/39	51/48,5/46,5/37,5	53/50,5/48/40
	outdoor	dB(A)	60	63	63	63,5	64
Net dimensions w/h/d	indoor	mm	830/205/830	830/245/830	830/245/830	830/287/830	830/287/830
	outdoor	mm	950/55/950	950/55/950	950/55/950	950/55/950	950/55/950
	panel	mm	890/673/342	946/810/410	946/810/410	952/1333/415	952/1333/415
Transport dimensions w/h/d	indoor	mm	910/250/910	910/290/910	910/290/910	910/330/910	910/330/910
	outdoor	mm	1035/90/1035	1035/90/1035	1035/90/1035	1035/90/1035	1035/90/1035
	panel	mm	995/740/398	1090/885/500	1090/885/500	1095/1480/495	1095/1480/495
Net weight	indoor	kg	21,6/6,0	27,2/6,0	27,2/6,0	29,3/6,0	29,3/6,0
	outdoor	kg	43,9	66,9	80,5	103,7	107,0
Transport weight	indoor	kg	25,4/9,0	31,2/9,0	31,2/9,0	33,5/9,0	33,5/9,0
	outdoor	kg	46,9	71,5	85,0	118,3	121,2
Pipe diameter: liquid/gas		mm	9,52/15,9	9,52/15,9	9,52/15,9	9,52/15,9	9,52/15,9
Maximum installation length		m	50	75	75	75	75
Maximum height difference		m	25	30	30	30	30
Power supply	outdoor	V/Hz/Ph	220÷240/50/1	220÷240/50/1	380÷420/50/3	380÷420/50/3	380÷420/50/3
Circuit breaker/fuse	outdoor	A	20	25	16	16	16
Power supply lines	outdoor	# of wires	3x2,5	3x4,0	5x2,5	5x2,5	5x2,5
Control lines	ind. - outd.	x mm <sup>2</sup>	4x1,5	4x1,5	4x1,5	4x1,5	4x1,5
Factory amount of refrigerant	up to 5 rm	kg	1,5	2,4	2,4	2,9	3,0
Additional amount of refrigerant	over 5 rm	g/m	24	24	24	24	24
External diameter of condensate drain		mm	25	25	25	25	25

## Controllers

WIRELESS  
REMOTE CONTROL



**RG10N2**

WIRED REMOTE  
CONTROL



**KJR-120X2  
(OPTIONAL)**

WIRED REMOTE  
CONTROL



**CCM  
(OPTIONAL)**



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