



kcd

Super Slim
cassette
air conditioners

A⁺

R32



kcd

new design
of the panel with
360° air supply
system



Universal air conditioner, which are great for use in rooms with suspended ceilings with particularly low technical space.

The surface of supply air gaps has been increased by 23% to provide more quiet and efficient operation of the air conditioner. Compared to the previous model, the condensate pump lifting height has also been increased to 100 cm, and its location outside the unit makes maintenance or possible replacement much easier. Another new feature is the built-in Wi-Fi port, which allows the user to control the unit via an application on his phone or tablet.

DEVICE FUNCTIONS

NEW

Other functions



Gear mode



Eco mode



Compressor and condensate tray heaters



Smooth fan adjustment



Heating 8°C



Silent operation



Self-cleaning evaporator



Lower settings memory



Refrigerant leakage indication



Automatic restart



Emergency use



Operation at low outdoor temperatures



Fresh air



On-off port



Alarm port



Temperature compensation



Turbo mode



Cold air supply control



Self-diagnosis



Twin combination



360° air supply



Built-in condensate pump



Temp sensor in remote control



Sleep function



Timer



Central controller



Wi-Fi control



Wired controller



NEW COMMUNICATION PROTOCOL

between indoor and outdoor unit

ACCESSORIES AND CONTROLLERS



WIRELESS REMOTE CONTROL
RG10A1



WIRED CONTROLLER
KJR-120X2
(OPTION)



CENTRAL CONTROLLER
CCM
(OPTION)

MODEL	indoor unit		KCD-24HRG32X	KCD-36HRG32X	KCD-36HRG32X	KCD-48HRG32X	KCD-55HRG32X
	outdoor unit	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	cool./heat		A++/A+	A++/A+	A++/A+	A++/A+	A++/A+
SEER	medium	W/W	6,2	6,7	6,4	6,1	6,3
SCOP	medium	W/W	4,0	4,0	4,0	4,0	4,0
Power input average (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)
Operation current average (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	indoor	m³/h	1300/1140/1000	1700/1550/1380	1800/1600/1400	1970/1780/1580	2000/1850/1650
	outdoor	m³/h	3500	4000	4000	7500	7500
Operating temperature 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 s/w/g	indoor	mm	830/205/830	830/245/830	830/245/830	830/287/830	830/287/830
	outdoor	mm	890/673/342	946/810/410	946/810/410	952/1333/415	952/1333/415
	panel	mm	950/55/950	950/55/950	950/55/950	950/55/950	950/55/950
Transport dimensions s/w/g	indoor	mm	910/250/910	910/290/910	910/290/910	910/330/910	910/330/910
	outdoor	mm	995/740/398	1090/885/500	1090/885/500	1095/1480/495	1095/1480/495
	panel	mm	1035/90/1035	1035/90/1035	1035/90/1035	1035/90/1035	1035/90/1035
Net weight	indoor	kg	21,6/6	27,2/ 6	27,2/ 6	29,3/6	29,3 /6
	outdoor	kg	43,9	66,9	80,5	103,7	107,0
Transport weight	indoor	kg	25,4/9	31,2/9	31,2/9	33,5 /9	33,5 / 9
	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
Max. length of installation		m	50	75	75	75	75
Max. level difference		m	25	30	30	30	30
Power supply	indoor	V/Hz/Ph	220÷240/50/1	220÷240/50/1	220÷240/50/1	220÷240/50/1	220÷240/50/1
	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	indoor		3x1,5	3x1,5	3x1,5	3x1,5	3x1,5
	outdoor	# of wires x mm²	3x2,5	3x4,0	5x2,5	5x2,5	5x2,5
Control wires	indoor - outdoor		4x1,5	4x1,5	4x1,5	4x1,5	4x1,5
Factory amount of refrigerant	up to 5 LM	kg	1,5	2,4	2,4	2,9	3,0
Additional amount of refrigerant	over 5 LM	g/m	24	24	24	24	24
Ext. diameter of the condensate drain		mm	25	25	25	25	25