



82

floor

floor and ceiling

cassette

duct

condensing units

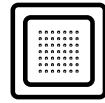
Commercial air conditioners

83

Commercial air conditioning systems combine efficient operation with a wide range of solutions for offices, conference rooms, hotels and other rooms that require efficient air conditioning.

Depending on the area and purpose of the facility, as well as the installation possibilities, we can apply floor, floor/ceiling, cassette, duct, or condensing units.





KCA3U 12 | 18 HRG32X

kca

Cassette air conditioners are ideal for offices, conference rooms and other rooms requiring efficient air conditioning.

Kompakt cassette air conditioners are equipped with an indoor unit with a quiet fan and a peripheral airflow. They are characterised by high performance and high user comfort. They have a fresh air supply function and the option of connecting an additional supply air duct to the adjacent room.

93



A⁺

R32



94

Features of Kaisai kca



Blinds
settings
memory



Fresh air



360° air supply



Refrigerant
leakage
indication



Sleep
function



Quiet
operation



Emergency
use



Timer



Automatic
restart



Alarm port



Self-
diagnosis
Operation
at low outside
temperatures



The Eco
Mode



Turbo
mode



Gear
mode



Heating
function
8°C



Built-in
condensate
pump



Remote
control
temperature
sensor



Tempera-
ture com-
pensation



Cold air
control



On-off port



Self-
cleaning
evaporator



Smooth
fan speed
adjustment
Compressor and
condensate tray
heaters



Central
controller



Wi-Fi
control



Wired
controller



KCA3I-09HRG32X | KCA3U 12 | 18 HRG32X

MODEL		KCA3I-09HRG32X	KCA3U-12HRG32X	KCA3U-18HRG32X
Power supply	V/Hz/Ph	220÷240/50/1	220÷240/50/1	220÷240/50/1
Capacity	cooling kW	2,6	3,5	5,3
	heating kW	2,8	3,8	5,6
Air flow rate	m³/h	580/500/450	620/510/420	720/620/500
Sound pressure level	(high/medium/low) dB(A)	38/33/29	41/36/33/25,5	43/39,5/35,5/29
Dimensions w/h/d	net mm	570/260/570	570/260/570	570/260/570
	transport mm	662/317/662	662/317/662	662/317/662
Dimensions w/h/dpanel	net mm	647/50/647	647/50/647	647/50/647
	transport mm	715/123/715	715/123/715	715/123/715
Weight	net kg	14,5/2,5	16,0/2,5	16,3/2,5
	transport kg	17,3/4,5	20,4/4,5	20,6/4,5
Pipe diameter	liquid mm	6,35	6,35	6,35
	gas mm	9,52	9,52	12,70

79



KTI-18HWG32X

MODEL		KTI-18HWG32X
Power supply	V/Hz/Ph	220÷240/50/1
Capacity	cooling kW	5,3
	heating kW	5,6
Air flow rate	m³/h	911/706/515
Sound pressure level	(high/medium/low) dB(A)	41/38/34/26
Available compression ratio	factory / max.	Pa 25/100
Dimensions w/h/d	net mm	880/210/674
	transport mm	1070/280/725
Weight	net kg	24,4
	transport kg	29,6
Pipe diameter	liquid mm	6,35
	gas mm	12,70

Technical specification

MODEL	indoor unit		KCA3U-12HRG32X	KCA3U-18HRG32X
	outdoor unit		KOX230-12HFN32X	KOX330-18HFN32X
Capacity average (min÷max)	cooling	kW	3,5 (0,8÷4,1)	5,3 (2,9÷5,6)
	heating	kW	3,8 (0,5÷4,3)	5,6 (2,4÷6,1)
Energy class	cooling/heating		A++/A+	A++/A+
SEER	average	W/W	6,6	6,3
SCOP	average	W/W	4,1	4,0
Average power consumption (min÷max)	cooling	W	1010 (168÷1434)	1633 (720÷2088)
	heating	W	1019 (124÷1376)	1540 (700÷1930)
Average operating current (min÷max)	cooling	A	4,4 (1,3÷6,3)	7,2 (3,2÷9,2)
	heating	A	4,7 (1,0÷6,1)	6,8 (3,1÷8,5)
Air flow rate	indoor	m³/h	620/510/420	720/620/500
	outdoor	m³/h	2100	2200
Operating temperature cooling/heating	indoor	°C	16÷32/0÷30	16÷32/0÷30
	outdoor	°C	-15+50/-15+24	-15+50/-15+24
Sound pressure level	indoor	dB(A)	41/36/33/25,5	43/39,5/35,5/29
	outdoor	dB(A)	53,6	56
Net dimensions w/h/d	indoor	mm	570/260/570	570/260/570
	outdoor	mm	765/555/303	805/554/330
	panel	mm	647/50/647	647/50/647
Transport dimensions w/h/d	indoor	mm	662/317/662	662/317/662
	outdoor	mm	887/610/337	915/615/370
	panel	mm	715/123/715	715/123/715
Net weight	indoor	kg	16,0/2,5	16,3/2,5
	outdoor	kg	26,6	32,5
Transport weight	indoor	kg	20,4/4,5	20,6/4,5
	outdoor	kg	29,0	35,2
Pipe diameter: liquid/gas		mm	6,35/9,52	6,35/12,70
Maximum installation length		m	25	30
Maximum height difference		m	10	20
Power supply	outdoor	V/Hz/Ph	220÷240/50/1	220÷240/50/1
Circuit breaker/fuse	outdoor	A	16	16
Power supply lines	outdoor	# of wires x mm²	3x2,5	3x2,5
Control lines	ind. - outd.	# of wires x mm²	4x1,5	4x1,5
Factory amount of refrigerant	up to 5 rm	kg	0,72	1,15
Additional amount of refrigerant	over 5 rm	g/m	12	12
External diameter of condensate drain		mm	25	25

ControllersWIRELESS
REMOTE CONTROL

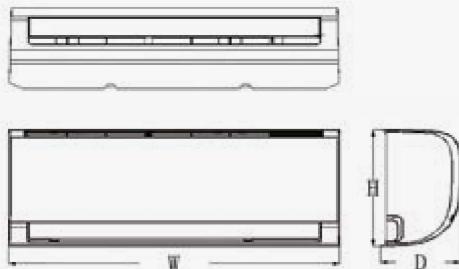
RG10A

WIRED REMOTE
CONTROLKJR-120X2
(OPTIONAL)WIRED REMOTE
CONTROLKJR12B
(OPTIONAL)WIRED REMOTE
CONTROLCCM
(OPTIONAL)



Dimensions

MULTI SPLIT APPLIANCES



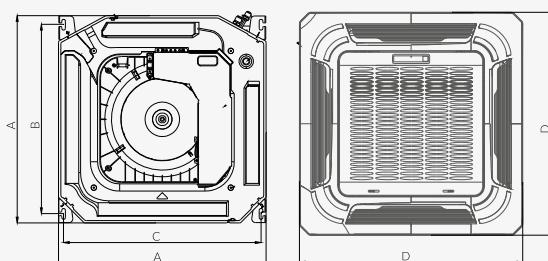
WALL FLY

MODEL	DIMENSIONS [mm]		
	W	D	H
KWX-09HRGI	805	194	285
KWX-12HRGI	805	194	285
KWX-18HRGI	957	213	302
KWX-24HRGI	1040	220	327

WALL ONE+

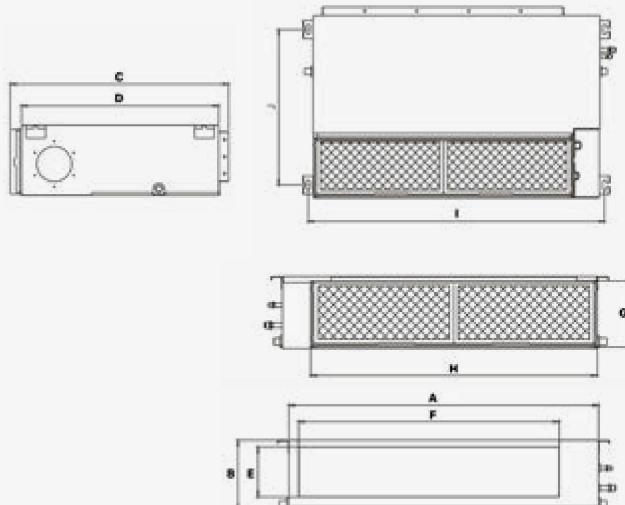
MODEL	DIMENSIONS [mm]		
	W	D	H
KRX-09PEGI	805	193	302
KRX-12PEGI	805	193	302
KRX-18PEGI	964	222	325
KRX-24PEGI	1106	232	342

122



CASSETTE

MODEL	DIMENSIONS [mm]					
	A	B	C	D	E	F
KCA3I-09HRG32X	570	523	545	647	50	260
KCA3U-12HRG32X	570	523	545	647	50	260
KCA3U-18HRG32X	570	523	545	647	50	260



DUCT

MODEL	DIMENSIONS [mm]									
	A	B	C	D	E	F	G	H	I	J
KTI-18HWG32X	880	210	674	600	136	706	190	782	920	508