



KAISAI

**New products by
Kaisai 2021**

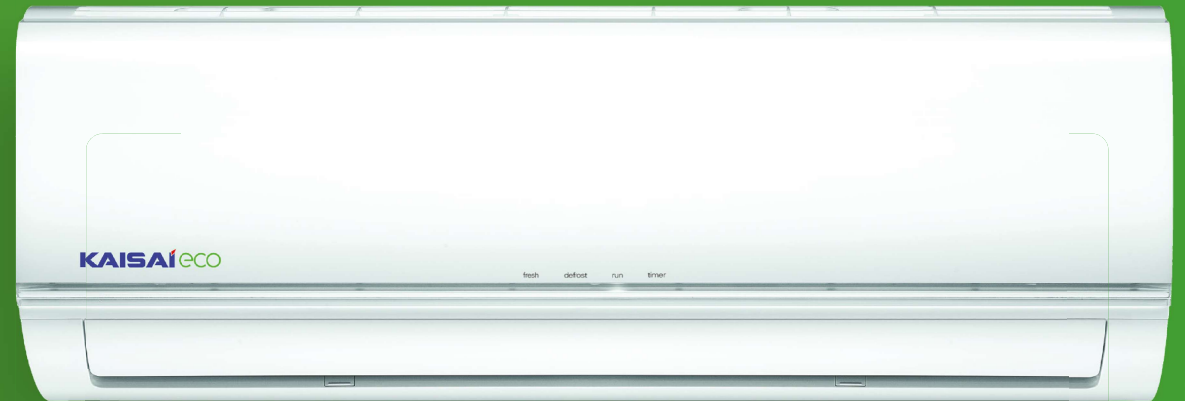
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Cooling capacities

Kaisai ECO wall-mounted air conditioner

KAISAI ECO wall-mounted air conditioners are units with an attractive design and a wide range of operating temperatures in cooling and heating mode. Thanks to the use of modern compressor and DC motors, the device is energy efficient and quiet.



eco **eco** eco

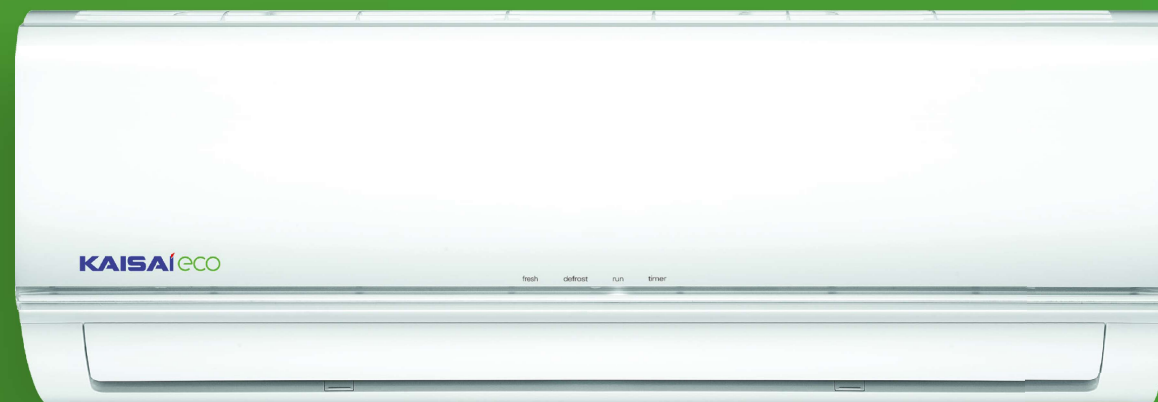
2,6 KW

3,5 KW

5,3 KW

7,0 KW

What's new in the series? **eco**



NEW FEATURES

NEW SYMBOLS

KEX-09,12,18,24 KTGI / KTGO

NEW UNITS

18 | 24



COLD CATALYST FILTER

The cold catalyst filter removes chemicals such as carbon monoxide, hydrogen sulfide, ammonia, benzene and formaldehydes.



BIO HEPA FILTER

The Bio HEPA filter traps 99% of dust particles and bacteria with a size of 0.3 μm and up to 95% of particles from 0.1 to 0.3 μm .



SELF CLEAN

Self-cleaning of the unit from airborne bacteria that can grow in moisture condensing on heat exchangers.

Commercial air conditioners

KAISAI's portfolio includes RAC segment devices (including wall-mounted air conditioners with WiFi function as a standard) and LCAC segment (including Multi Split, cassette, duct, floor and ceiling air conditioners), as well as mobile air conditioners, heat pumps, heat recovery units and air curtains. All KAISAI appliances meet expectations in terms of environmental protection, safety, energy efficiency, quiet operation, comfort of use and warranty.

Commercial air conditioners

Commercial buildings such as offices, hotels or restaurants require equipment that provides a particularly efficient air conditioning system. Depending on the space and purpose of the object, as well as the installation options, there are floor air conditioners, floor and ceiling air conditioners, cassette air conditioners, duct air conditioners or condensing units.



**CASSETTE
COMPACT**



**CASSETTE
SUPER SLIM**



**FLOOR
AND CEILING**



DUCT

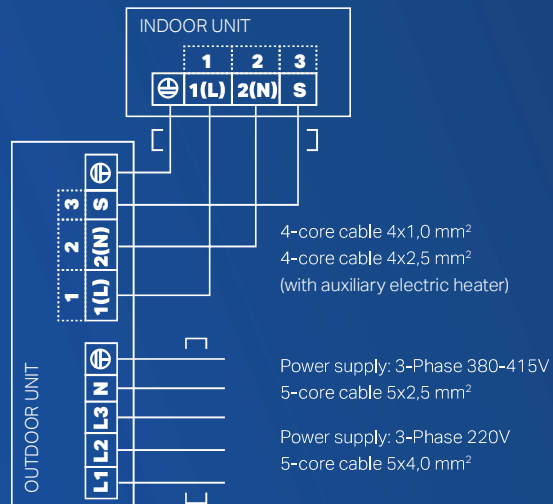


FLOOR

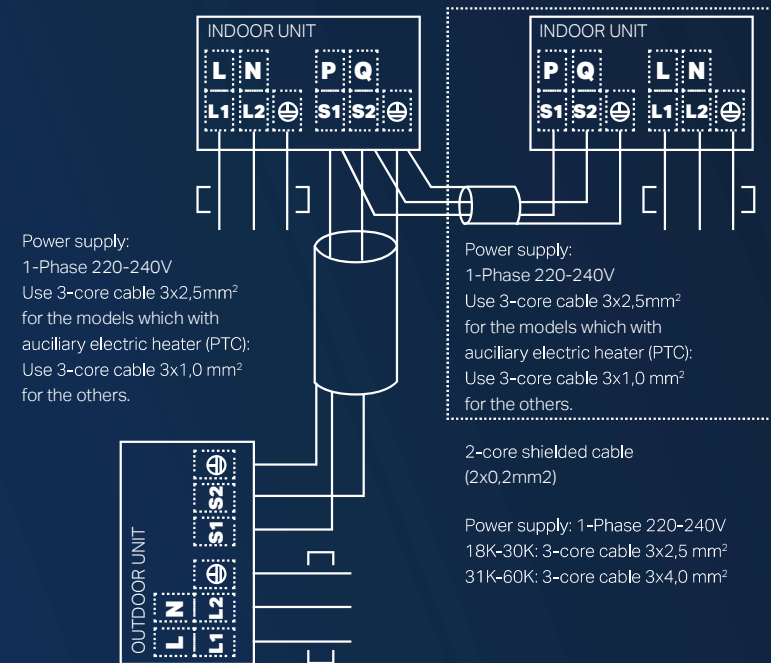
New communication protocol

New communication line for 7-16 KW slim, duct, floor and ceiling units: 4 core L/N/S/E (previously 2 core S1, S2). The same protocol is found in the current 5 KW commercial air conditioners.

CURRENTLY



PREVIOUSLY



Consequences of changing the communication protocol

The new condensing units will
only be equipped with KMS
8140 module

More connection options for TWIN
systems – outdoor units of 7,10,14
KW will be used

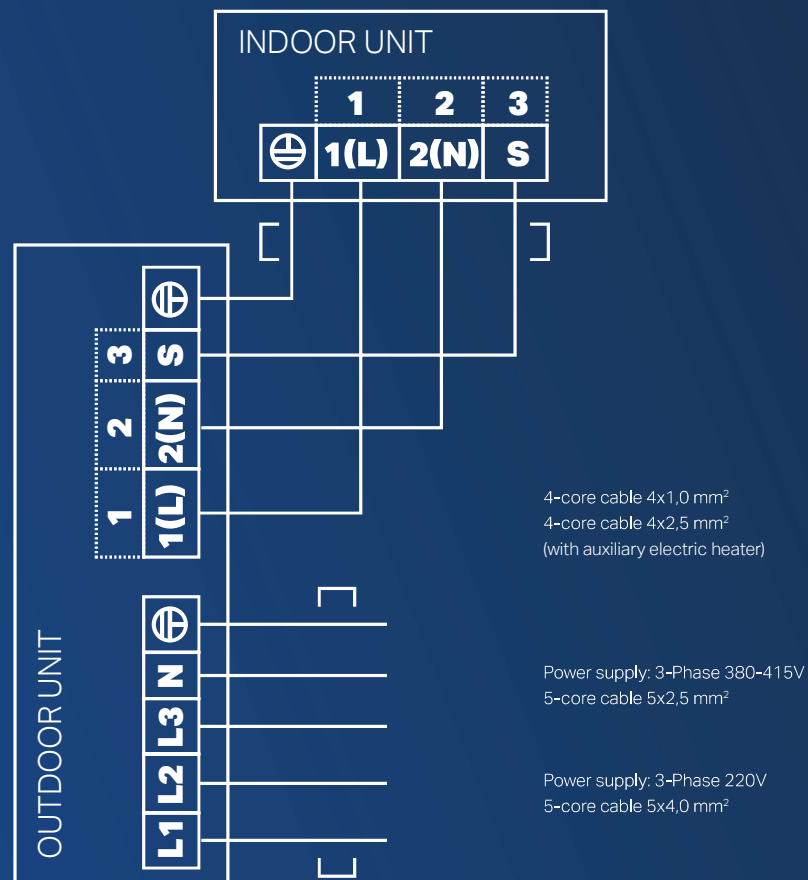
IMPORTANT

**No option to connect 7-16 KW
units from 2020 and earlier
to new 2021 air conditioners**

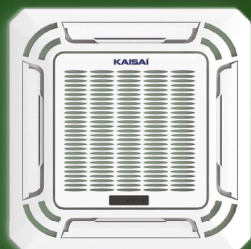
Communication protocol in 5 KW units

For 3.5-5 kW compact cassettes, and 5 KW floor and ceiling units, communication line unchanged, 4 core L/N/S/E

UNCHANGED



New designations



**CASSETTE
COMPACT**

KCA3U- **12** **HRG32X**
18



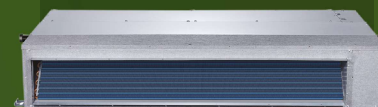
**CASSETTE
SUPER SLIM**

KCD- **24** **HRG32X**
36
48
55



**FLOOR
AND CEILING**

KUE- **18** **HRG32X**
24
36
48
55



DUCT

KTI- **18** **HWG32X**
24
36
48
55



FLOOR

KFS-50 **HRFI**
HRFO

No changes, also the previous 2-core communication protocol S1, S2 has remained unchanged

**JEDNOSTKI
ZEWNĘTRZNE**

KOX230-12HFN32X
KOX330-18HFN32X

KOX430-24HFN32X
KOD30U-36HFJ32X

KOD30U-36HFN32X
KOE30U-48HFN32X

KOE30U-55HFN32X

New remote control **RG10**

Explore new features

For

compact cassette, super slim,
floor and ceiling



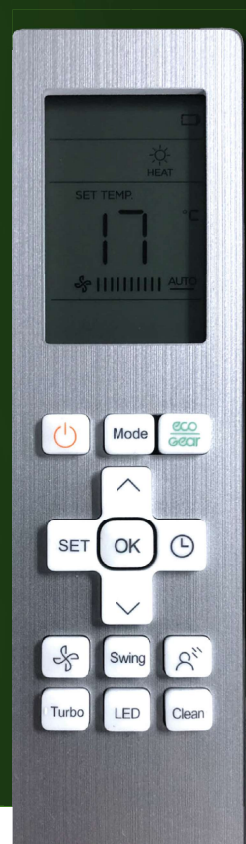
energy saving



energy saving



smooth indoor unit fan
speed adjustment



heating 8 °C



quiet operation

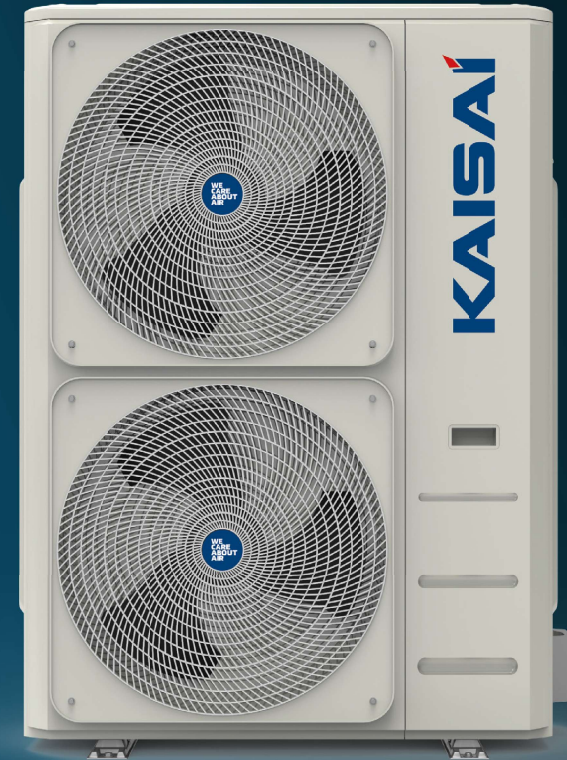


self-cleaning

New outdoor units

For the new outdoor units, the maximum pipe length and height difference have increased significantly.

For 16 KW units, the maximum pipe length of ducts can be up to 75m



SIZE	12K	18K	24K	30K	36K	48K	60K
MAXIMUM PIPE LENGTH	25	30	50	50	75	75	75
MAXIMUM HEIGHT DIFFERENCE	10	20	25	25	30	30	30



ACCESSORIES

All outdoor units will be equipped with compressor crankcase heaters and drip tray heaters

New super slim indoor cassette unit

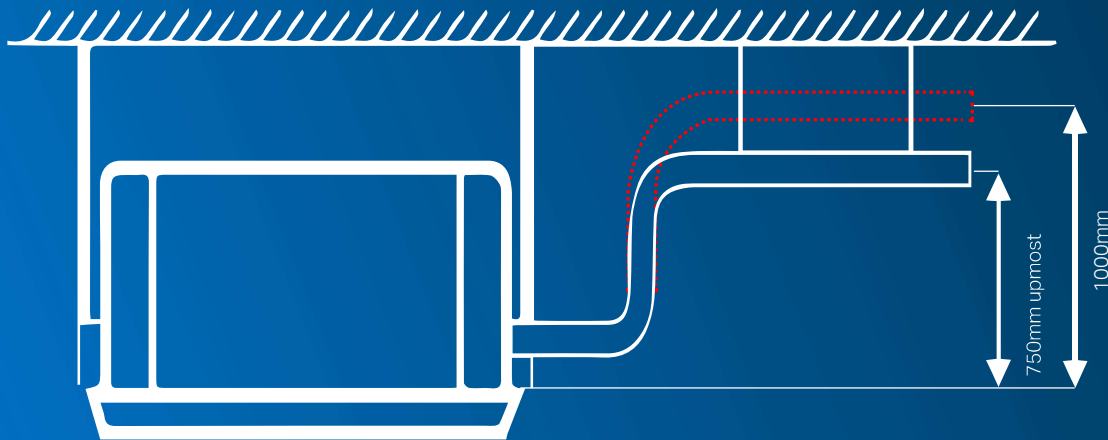
Easy to arrange thanks to their compact dimensions, Kaisai cassette air conditioners combine modern design and high-quality materials. Thanks to the 360 degree air flow, the air is distributed evenly, and the fresh air function makes the air supply particularly comfortable and pleasant. In addition, it is possible to connect two indoor units to one outdoor unit. In addition, it is possible two indoor units to one compressor – TWIN system.

- **360 degree air flow**



New super slim indoor cassette unit

The lift of the condensate pump increased to 100 cm.



The condensate pump is located on the outside for easy maintenance and replacement.



Previous unit



New cassette

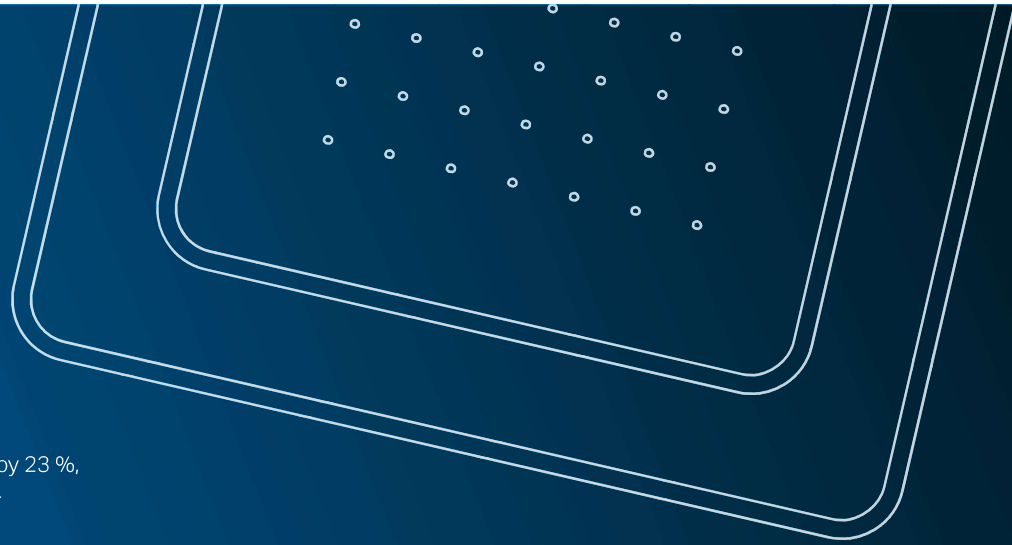
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New super slim indoor cassette unit

Increased air outlet area

The air outlet area has been increased by 23 %, which makes the air conditioner quieter



Previous cassette



New cassette



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New super slim indoor cassette unit

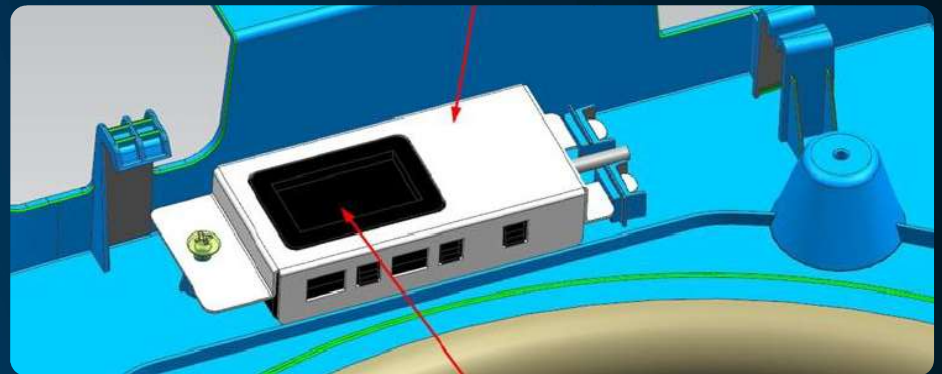
WiFi port factory installed in the air conditioner

Now, there is no need to install an additional external WiFi port in the device, just insert the OSK 103 module.

Previous cassette



New cassette



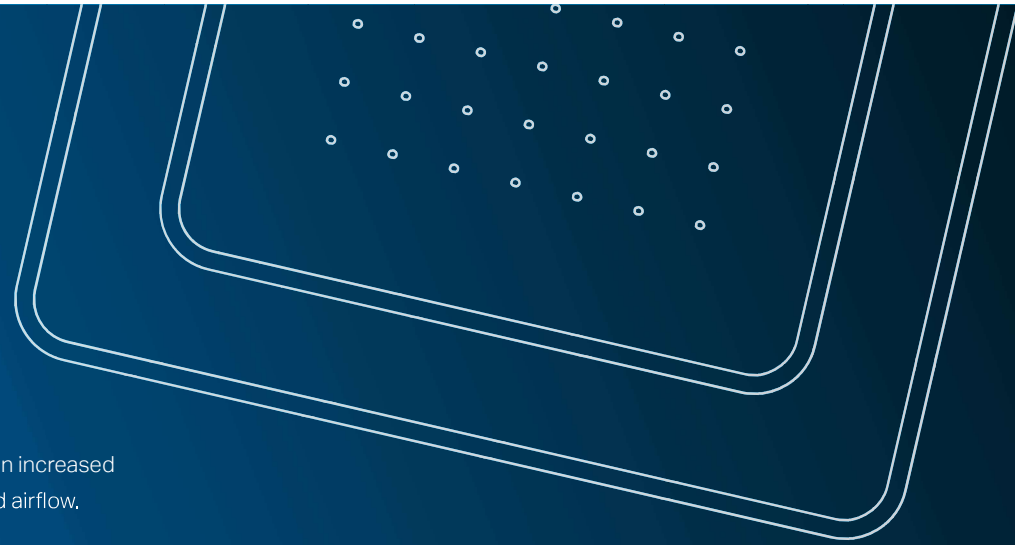
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New super slim indoor cassette unit

New design of the internal exchanger

The new internal exchanger has an increased heat exchange area and improved airflow.



Previous cassette



New cassette



New designation

Multi-split air conditioners

OUTDOOR UNITS



The letter H appears in the symbols of outdoor units.

This indicates factory installed compressor crankcase heater and drip tray heater.

K2OC-18HFN32H | K3OE-27HFN32H | K4OE-28HFN32H | K4OB-36HFN32H | K5OD-42HFN32H

Kaisai KPPH mobile air conditioner

Technical parameters have been changed in the air conditioner while its appearance remains unchanged.

MODEL		KPPH-09HRG29	
Output	cooling	kW	2,6
	heating	kW	-
Energy class	cooling/heating		A
EER	medium	W/W	2,6
COP			-
Power consumption	cooling	W	1000
	heating	W	-
Operating current	cooling	A	4,35
	heating	A	-
Air flow rate		m ³ /h	295/195
Working temperature		°C	17+35
Sound pressure level		dB(A)	52/47,5
Net dimensions w/h/d		mm	355/703/345
Shipping dimensions w/h/d		mm	400/870/370
Net weight		kg	24,7
Shipping weight		kg	27,3
Power supply		V/Hz/Ph	220+240/50/1
Refrigerant charge		kg	0,17
Moisture removal rate		l/h	2,3

KPPH KPPH KPPH



Kaisai KPPD mobile air conditioner

Technical parameters have been changed in the air conditioner while its appearance remains unchanged.

MODEL		KPPD-12HRG29	
Output	cooling	kW	3,5
	heating	kW	2,9
Energy class	cooling/heating		A/A+
EER	medium	W/W	2,6
COP			2,8
Power consumption	cooling	W	1350
	heating	W	1450
Operating current	cooling	A	5,9
	heating	A	5,0
Air flow rate		m ³ /h	420/370/355
Working temperature		°C	17+35/5+30
Sound pressure level		dB(A)	52/51/50
Net dimensions w/h/d		mm	467x765x397
Shipping dimensions w/h/d		mm	512x880x442
Net weight		kg	33,2
Shipping weight		kg	37,0
Power supply		V/Hz/Ph	220+240/50/1
Refrigerant charge		kg	0,22
Moisture removal rate		l/h	3,4

KPPD **KPPD** KPPD



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