

A modern Japanese-style interior with a large open-air veranda. The veranda has a wooden floor and a low wooden railing. Outside, there is a view of Mount Fuji, cherry blossoms, and a large pine tree. Inside, the walls are made of vertical wooden slats. A white rectangular air conditioning unit is mounted on the wall. Below it is a low wooden cabinet with various decorative items. The floor is covered with tatami mats. The overall atmosphere is serene and elegant.

KAISAI

AIR CONDITIONING SYSTEMS

2026/2027

PREMIUM COMFORT

Table of Contents

About the Kaisai brand	4
Product series	6
Air conditioner features	10
Wall-mounted air conditioners	20
Fly	M-line 22
Fly+	M-line 28
Eco	M-line 34
Ice	M-line 40
Nordic	M-line 46
Geo	M-line 52
Geo+	A-line 58
Art	T-line 64
Pro Heat+	T-line 70
Air	T-line 76
Evo	T-line 82
Portable air conditioners	88
KKPE	T-line 90
KKPA	A-line 94
KKPM	M-line 98
Multi-Split systems	102
Multi M-line	104
Multi M-line HE	112
Multi T-line HE	118
Commercial air conditioners	126
KCA Compact Cassette	M-line 128
KCD Super Slim Cassette	M-line 134
KFAU Console	M-line 140
KKGB Console	T-line 146
KUE Floor-to-ceiling	M-line 152
KKFS-24RRA1 Floor standing	M-line 158
KKFS-48RRA1 Floor standing	M-line 164
KKFS-48RAA1 Floor standing	A-line 170
KKR7 Duct-type	M-line 176
KTI Duct-type	M-line 184
Condensing units	190
TWIN System	M-line 196
Controllers	198
Accessories	202
Filters	206
Contact information	210



comfort



design

efficiency



WE CARE ABOUT AIR

Kaisai specializes in providing modern air conditioning systems, eco-friendly heat pumps, and advanced solutions for energy storage and optimization.

Thanks to many years of investment in technological development, Kaisai equipment ranks among the most innovative solutions in its category and is successfully used in both public facilities and residential construction.

Kaisai is a brand owned by the Klima-Therm Group – a global company with a well-established position and a long history in the HVACR industry.

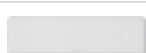
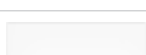
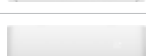
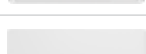
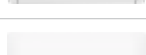
As a pioneering company, Klima-Therm has been setting the standard for modern HVACR solutions for years. Its consistent commitment to quality, innovation, and customer satisfaction has enabled the company to build a strong and recognizable brand in international markets.

KAISAI

 **Klimatherm**



Product Series

Type	Cooling/Heating Capacity [kW]					
	Series	Page	2,6	3,5	5,0÷5,3	
Wall-mounted air conditioners						
 Fly	M-Line	22				
 Fly+	M-Line	28				
 Eco	M-Line	34				
 Ice	M-Line	40				
 Nordic	M-Line	46				
 Geo	M-Line	52				
 Geo+	A-Line	58				
 Art	T-Line	64				
 Pro Heat+	T-Line	70				
 Air	T-Line	76				
 Evo	T-Line	82				
Portable Air Conditioners						
 KKPE	T-Line	90				
 KKPA	A-Line	94				
 KKPM	M-Line	98				
KCA Compact Cassette						
 KCA4U	M-Line	130				
KCD Super Slim Cassette						
 KCD	M-Line	136				

Product Series

Type	Cooling/Heating Capacity [kW]					
	Series	Page	2,6	3,5	5,0÷5,3	
Consoles						
	KFAU	M-Line	142	●		
	KKGB	T-Line	148	●		
Floor-to-ceiling						
	KUE	M-Line	154		●	
Floor standing						
	KKFS-24	M-Line	160			
	KKFS-48	M-Line	168			
	KKFS-48	A-Line	172			
Duct-type						
	KTI	M-Line	178		●	
	KKR7	M-Line	182	●	●	
Multi-split						
	K20/K30/K40/K50	M-line	104		●	
	KKO2/3	M-line HE	112		●	
	KKO2/3/4/5	T-line HE	118		●	
Condensing units						
	KOX/KOD/KOE/KKO	M-Line	188	●	●	

[illegible]

Features of Kaisai Air Conditioners

	Wall-mounted											Portable			
Series	M-line						A-line	T-line				M-line	A-line	T-line	
Model	Fly	Fly+	Eco	Ice	Nordic	Geo	Geo+	Art	Pro Heat+	Air	Evo	KKPM	KKPA	KKPE	
 Self-Cleaning Evaporator	●	●	●	●	●	●	●	●	●	●	●				
 High-Density Filter	●	●	●	●	●	●	●	●	●	●	●				
 3D Airflow	●	●		●	●	●	●	●	●						
 Automatic Restart	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
 360° Airflow															
 Temperature Compensation	●	●	●	●	●	●		●							
 Cold Air Intake Control	●	●	●	●	●	●	●	●	●	●	●				
 Wide Temperature Range	●	●	●	●	●	●	●	●	●	●	●				
 8°C Constant Temperature Function	●	●	●	●	●	●	●	●	●	●	●				
 Standby Mode	●	●	●	●	●	●									
 Sleep Function	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
 Remote Controller Temperature Sensor	●	●	●	●	●	●	●	●	●	●	●				
 Fireplace Feature					●										
 Low Ambient Operation					●										
 Refrigerant Leak Alarm	●	●	●	●	●	●	●	●	●	●	●				
 Emergency Use	●	●	●	●	●	●									
 Self-Diagnosis	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
 Alarm Port		○		○											
 Timer	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
 Automatic Louvers (Swing)	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
 Single and Multi Split	●	●	●	●		●		●	●	●	●				
 UVC Lamp							●	●	●						
 Twin Combination															
 Double-Sided Installation	●	●	●	●	●	●	●	●	●	●	●				
 Fresh Air															
 Louver Position Memory	●	●	●	●	●	●	●	●	●	●	●				
 ON/OFF Port		○		○			●	●	●	●	●				
 Gentle Cooling								●	●						
 Wi-Fi Control	●	●	●	●	●	●	●	●	●	●	●	●	●	●	
 Built-in Condensate Pump															
 Quiet Operation	●	●	●	●	●	●	●	●	●	●	●				

	Cassette		Consoles		Floor-to-ceiling	Floor standing			Duct type		Multi-split		
	M-line	M-line	M-line	T-line	M-line	M-line		A-line	M-line	M-line	M-line	M-line HE	T-line
	KCA4U	KCD	KFAU	KKGB	KUE	KFS-24	KKFS-24	KKFS-48	KTI	KKR7			
	●	●	●	●	●			●	●	●			
			●	●	●	●	●	●					
	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●							●	●			
	●	●	●	●	●				●	●			
	●	●	●	●	●	●	●	●	●	●			
	●	●	●	●	●	●	●	●	●	●	●	●	●
	●	●	●	●	●								
	●	●	●	●	●	●	●	●	●	●			
	●	●	●	●	●	●	●	●	●	●			
	●	●	●	●	●	●	●	●	●	●			
	●	●	●		●	●	●		●	●			
	●	●	●	●	●	●	●	●	●	●			
	●	●			●				●	●			
	●	●	●	●	●	●	●	●	●	●			
	●	●	●		●	●	●	●					
	●	●							●	●			
	●	●			●				●	●			
			●	●	●								
	●	●			●				●	●			
			●	●									
	●	●			●				●	●			
	○	●	●	●	○		●		●	●			
	●	●			●				●	●			
	●	●	●	●	●				●	●			

Features of Kaisai Air Conditioners

		Wall-mounted										Portable				
Series		M-line						A-line	T-line				M-line	A-line	T-line	
Model		Fly	Fly+	Eco	Ice	Nordic	Geo	Geo+	Art	Pro Heat+	Air	Evo	KKPM	KKPA	KKPE	
	Turbo Mode	●	●	●	●	●	●	●	●	●	●	●				
	Easy Installation		●					●	●	●	●	●				
	Condensate Tray Heater							●	●	●	●	●				
	Preheating							●	●	●	●	●				
	3-Filter Combination							●								
	Soft Wind Feature							●								
	Golden Fins	●	●	●	●	●	●	●	●	●	●	●				
	Multifunction Remote Controller	●	●	●	●	●	●	●	●	●	●	●				
	Aroma Tablet								●							
	Hotel Mode	●	●	●	●	●	●		●	○	○	○				
	Double Horizontal Louvers								●							
	Update via Wi-Fi								●							
	Breeze Away Feature		●			●			●	●	●	●				
	Electronic Expansion Valve					●			●	●						
	Air Ionization				●	●	●		●	●						
	Gear Feature		●		●				●	●	●	●				
	Silver-Ion Filter	○	○	○	○	○	○	○	●	●	●	●				
	ECO	●	●	●	●	●	●		●	●	●	●				
	Outdoor Unit Quiet Operation Mode		●													
	Bio HEPA Filter	●	●	●	●	●	●									
	Cold Catalytic Filter	●	●	●	●	●	●									
	Sterilization at 56°C		●			●										
	Compressor and Condensate Tray Heater	●	●	●	●	●	●									
	MFB Module		○		○											
	Stepless Fan Speed Control		●		●	●										
	Personalized Remote Controller	●	●	●	●	●	●		●							
	Central Controller		○		○											
	Modbus		○		○				●	○	○	○				
	Vane															

	Cassette		Consoles		Floor-to-ceiling	Floor standing			Duct type		Multi-Split		
	M-line	M-line	M-line	T-line	M-line	M-line		A-line	M-line	M-line	M-line	M-line HE	T-line
	KCA4U	KCD	KFAU	KKGB	KUE	KFS-24	KKFS-48	KKFS-48	KTI	KKR7			
	●	●	●	●	●				●	●			
				●									●
				●									●
			●	●							●	●	●
	●	●	●	●	●	●	●						
	●	●	●	○	●				●	●			
	●	●	●		●	●	●		●	●	●	●	●
	●	●	●		●				●	●			
						○	○						
	●	●	●		●			●	●	●			
	●	●	●		●	●	●		●	●	●	●	
	●	●	●		●				●	●			
	●	●	●		●	●	●						
	○	○			○				○	○			
	○	○			○				○	○			
	●	●											

Convenience



Timer

The timer allows you to set the times when the air conditioner will turn on and off automatically.



Louver Position Memory

Each time the air conditioner is turned off, it saves the last blind settings and restores them when it is turned back on.



Single and Multi Split

The indoor unit is versatile and can be used in both single-unit (mono-split) and multi-unit (multi-split) systems.



Port ON/OFF

The air conditioner has a port that allows it to be turned on and off remotely from a great distance (using a potential-free signal).



Central Controller

Capability to connect a central controller that can control up to 64 indoor units.



Wi-Fi Control

The Wi-Fi module lets you control your air conditioner using your phone or tablet from anywhere in the world.



Easy Installation

The air conditioner is designed to be easy to install and requires no additional steps.



Twin Combination

Two identical indoor units operate simultaneously, connected to a single outdoor unit.



Double-Sided Installation

The ability to connect refrigerant supply and condensate drain pipes on both sides of the indoor unit, which facilitates installation and adaptation to the room layout.



Compact Dimensions

Thanks to the well-designed components, the air conditioner is compact while maintaining full performance.



MFB Module

An expansion module that allows for the connection of a wired controller, a central controller, a BMS gateway, an outdoor ON/OFF signal, and the output of an alarm signal.



Built-in Condensate Pump

Thanks to the built-in pump, condensate can be drained to a height of up to 1,000 mm.



Personalized Remote Controller

The ability to change the remote control's factory settings to adapt it to the user's current needs.



Modbus

A widely used, open communication protocol used in industrial automation and HVAC systems.



Automatic Louver (Swing)

The automatic operation of horizontal blinds significantly improves air distribution in the room.



Golden Fins

A special coating applied to the heat exchanger fins protects them from corrosion, extending the unit's service life and improving its performance. As a result, the air conditioner remains reliable and efficient even under demanding conditions, while reducing maintenance costs.



Software Update via Wi-Fi

Convenient air conditioner software updates via Wi-Fi.



Health



Ionization

The ions emitted by the air conditioner break down dust mites, mold, bacteria, and viruses, eliminating them from the environment, and humidify the air, which has a positive effect on the skin and provides a pleasant feeling of freshness.



Bio HEPA Filter

Bio HEPA effectively traps 99% of dust particles, dirt, and bacteria measuring 0.3 μm , as well as up to 95% of particles ranging from 0.1 to 0.3 μm , including fungal cells and some viruses.



Vitamin C Filter

The filter releases vitamin C into the room, which is absorbed through the skin. Vitamin C improves skin firmness, protects against harmful UV rays, and reduces stress.



High-Density Filter

Using a high-density filter improves the efficiency of trapping contaminants, including dust and particulates. Not only does it protect the device, but it also helps maintain air quality.



Silver-Ion Filter

This filter helps eliminate bacteria and other harmful microorganisms by using active silver ions. It ensures a high standard of air hygiene.



Fresh Air

Fresh outdoor air is supplied to the unit through a connection duct. This significantly improves indoor air quality.



3M Filter

Thanks to its unique design, this filter more effectively captures dust and harmful allergens from the air that cause respiratory diseases.



UVC Lamp

It effectively eliminates bacteria, viruses, and other microorganisms, and helps neutralize unpleasant odors, ensuring hygienic and healthy conditions in the room.



Cold Catalytic Filter

A cold catalytic filter removes chemicals such as carbon monoxide, hydrogen sulfide, ammonia, benzene, and formaldehyde.



3-Filter Combination

The three-color multifunctional filter consists of a yellow vitamin filter, a black activated carbon filter, and a red anti-formaldehyde filter. This filter is capable of capturing and filtering fine dust and smoke, adsorbing unpleasant odors, breaking down formaldehyde in the air, and releasing vitamin C, thereby making the air cleaner and fresher.



Sterilization at 56°C

This feature eliminates up to 99.9% of bacteria and viruses. The process involves heating the heat exchanger to 56°C and maintaining that temperature for 30 minutes, which effectively disinfects the device.

Comfort



Stepless Fan Speed Control

This feature allows for smooth control of the indoor unit's fan speed within a range of 1–100%.



Automatic Restart

During a power outage, the air conditioner saves the last settings and restores them when power is restored. There is no need to reprogram the unit after every power outage.



3D Airflow

Automatically controlled horizontal and vertical blinds ensure even temperature distribution and optimal air circulation.



Turbo Mode

With this option, the air conditioner operates at a higher speed and quickly cools or heats the room.



Temperature Compensation

The unit compensates for differences between the temperature reading from the sensor on the indoor unit and the actual temperature at floor level in the room. The desired temperature is achieved throughout the entire room, not just around the air conditioner.



Multifunction Remote Controller

Using the remote control, you can easily set the desired indoor air parameters. In addition, the remote control is equipped with practical features such as: evaporator self-cleaning (SELF CLEAN), constant heating at 8°C (HEATING 8°C), and a temperature sensor (FOLLOW ME).



Vane Function

With this option, the user can control each of the air conditioner's louvers individually, directing the airflow in the directions of their choice.



Gentle Cooling

More than 1,000 precisely positioned micro-holes evenly distribute a gentle stream of air, eliminating the sensation of a draft and providing comfortable, subtle cooling.



Breeze Away Feature

This feature allows the louvers to be adjusted in parallel, so that the airflow from the unit is not directed directly at the user.



Self-Cleaning Evaporator

After the unit has finished operating, the air conditioner enters a cleaning mode and removes any moisture that may have accumulated in the indoor unit. This prevents the growth of microorganisms and mold.



360° Airflow

The unit can provide optimal air distribution throughout the room thanks to the additional air vents in the air conditioner panel.



Wide Temperature Range

Operates over a wide range of outdoor temperatures. In cooling mode, from -15 to 50°C, and in heating mode, from -25 to 30°C.



Cold Air Supply Control

To minimize the sensation of an unpleasant, cool airflow, the air conditioner automatically reduces the fan speed when it starts operating in heating mode and increases it as the air warms up.



Compressor and Condensate Tray Heater

The compressor sump heater prevents the refrigerant from being absorbed by the oil, which can occur when the temperature drops. The condensate tray heater supports the air conditioner's operation in heating mode by preventing the drain pan from icing up, improving efficiency, and minimizing the risk of fan failure.



Quiet Operation

The ability to set the minimum sound level of the device in an air-conditioned room.



Fireplace Feature

Once the set temperature is reached in heating mode, the indoor unit's fan continues to operate to distribute warm air from other heat sources, such as a fireplace.

Comfort



Soft Wind Feature

Nearly 2,000 precisely positioned micro-holes in the horizontal air supply louvers generate a gentle airflow that spreads evenly throughout the room. This feature minimizes the sensation of a draft, ensuring optimal thermal comfort and subtle cooling.



Preheating

Compressor preheating is a process designed to prevent liquid refrigerant from mixing with the oil in the compressor, which protects the compressor from seizure during startup and extends its service life.



Condensate Tray Heater

The condensing tray heater prevents condensation from freezing and ensures continuous operation even during severe cold spells.



Double Horizontal Louvers

Thanks to the use of dual horizontal louvers, the air conditioner ensures a smooth flow of air in both vertical and horizontal directions. This allows for precise adjustment of the flow of cool or warm air.



Aroma Tablet

A fragrance refill with notes of lemon, jasmine, and gardenia that provides a feeling of freshness for many weeks.



Outdoor Unit Quiet Mode

To make the air conditioner's outdoor unit run more quietly and avoid disturbing your neighbors, you can activate quiet mode by pressing and holding the fan speed button.

Economics



8°C Constant Heating Function

When the user is away, the air conditioner in heating mode maintains a constant temperature of up to 8°C in the room, preventing it from getting too cold.



Remote Controller Temperature Sensor

The temperature sensor built into the remote control allows it to measure the temperature closer to the user, enabling the device to adjust more precisely to the surroundings.



Standby Mode

In standby mode, disconnecting power from unused components reduces energy consumption by up to 80%.



Eco

When the Eco function is enabled, the device consumes up to 60% less energy compared to conventional mode.



Sleep Function

Within 2 hours, the unit raises (or lowers, in heating mode) the set temperature by 1°C per hour, while the fan operates at low speed. This reduces electricity consumption, and the air conditioning system provides optimal comfort for the user.



Gear Feature

Thanks to the ability to adjust the temperature and fan speed in Gear mode, you can control electricity consumption by determining the maximum operating intensity of the unit.



Hotel Mode

Hotel mode allows you to turn the air conditioner on and off using an external signal triggered by the opening of a window, door, or hotel key card. In addition, you can disable the cooling or heating functions and set temperature limits using the remote control.



AI-Based ECO+ Feature

Thanks to billions of data points, the ECO+ feature provides a more convenient energy-saving experience that surpasses conventional energy-saving technologies.

Safety



Low Ambient Operation

The air conditioner operates in cooling mode even when the outdoor temperature drops to -15°C.



Refrigerant Leak Alarm

An error code will appear on the indoor unit's control panel when the outdoor unit detects a refrigerant leak.



Self-Diagnosis

The air conditioner monitors its own operation and shuts down if it detects a malfunction or failure. An error code is displayed on the indoor unit's control panel.



Very Low Ambient Operation

The air conditioner operates even when the outside temperature drops to -25°C.



Alarm Port

The air conditioner has an alarm port through which a fault signal can be transmitted.



Electronic Expansion Valve

An electronic expansion valve reduces the refrigerant pressure in a variable manner controlled by the controller. This allows for precise regulation of both the superheat value and the cooling/heating capacity.



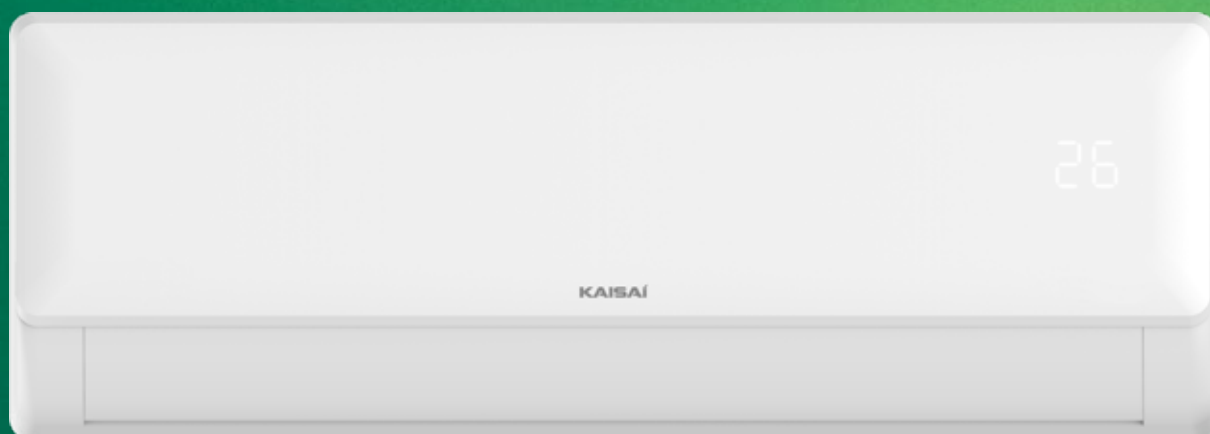
Emergency Use

If one of the sensors fails, the device continues to operate and can be used until the malfunction is corrected.



Stylish design and ease of use

Kaisai products feature a range of functions designed to enhance user comfort; for example, new control options have been added, making air conditioning management more convenient and simple than ever before.



Wi-Fi Module

A Wi-Fi module is included as standard on all Kaisai wall-mounted air conditioner models. With this module, users can control the unit via an app installed on a tablet or smartphone, even when they are away from home or the office.

Using the Wi-Fi feature, users can turn the device on or off, adjust the temperature, and control selected operating functions from anywhere in the world with internet access. Wi-Fi control helps save electricity and enhances the comfort of using the air conditioner by allowing you to control the temperature in your home or office from any location.

Nethome Plus App

Designed for M-line air conditioners. The Nethome Plus app, installed on your tablet or smartphone, ensures reliable Wi-Fi control. **Download the app.**



SmartLife SmartHome App

Designed specifically for T-Line air conditioners. The Smart Life Smart Home app ensures reliable operation of the Smart AC system. **Download the app.**



AC Freedom App

Designed for A-Line air conditioners. The AC Freedom app ensures reliable operation of the Smart AC system. **Download the app.**



Air Conditioners **wall-mounted**

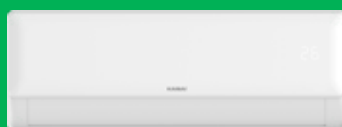


The compact dimensions of the wall-mounted units ensure an elegant appearance and ease of use, while maintaining high performance and ease of installation.

Kaisai wall-mounted air conditioners use the environmentally friendly R32 refrigerant, and come standard with Wi-Fi functionality that allows for control via mobile devices. Depending on the model, a range of practical features is available, enabling intuitive control and optimal adjustment of the unit's operation to the user's needs.



Fly
p. 22



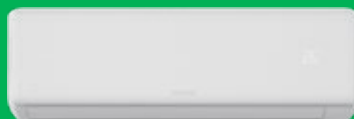
Fly+
p. 28



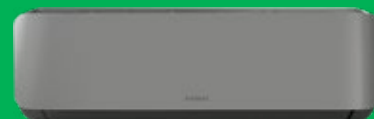
Eco
p. 34



Ice
p. 40



Nordic
p. 46



Geo
p. 52



Geo+
p. 58



Art
p. 64



Pro Heat+
p. 70



Air
p. 76



Evo
p. 82

Wall-mounted **Fly**

KWX-09/12/18/24KRHI

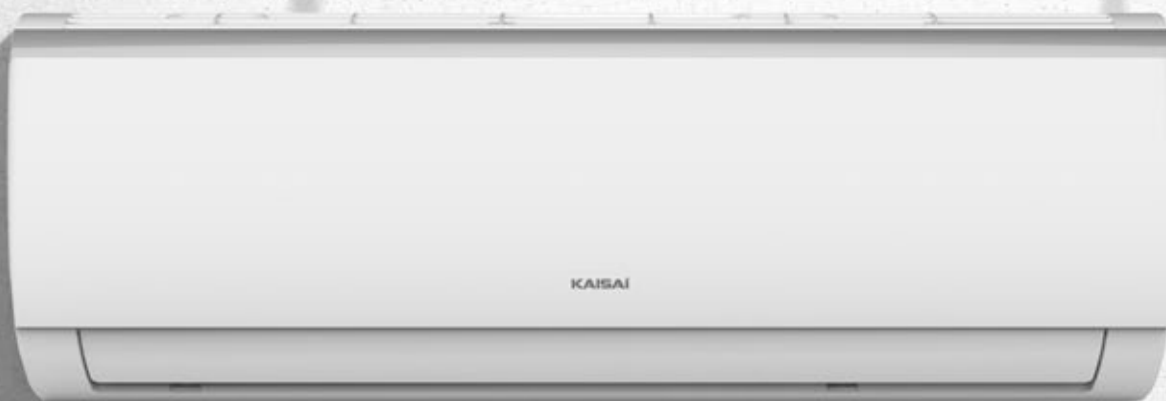
KWX-09/12/18/24KRHO

Kaisai Fly is a modern wall-mounted air conditioner that combines everyday comfort with high energy efficiency. Its quiet operation, intuitive controls, and practical features make it a versatile solution for homes and apartments.



R32
REFRIGERANT

A⁺
CLASS



The unit is equipped with a self-cleaning function that helps maintain high hygiene standards and reduces the growth of mold and bacteria. The built-in Wi-Fi module allows for convenient control via a mobile app, and the 3D airflow ensures even temperature distribution throughout the room. As a result, the air conditioner guarantees comfort all year round.



Kaisai Fly Features

 Cold Catalytic Filter	 Bio HEPA Filter	 High-Density Filter	 Eco	 Compressor and Condensate Heater	 3D Airflow
 Quiet Operation	 Self Cleaning Evaporator	 Sleep Function	 Turbo Mode	 Self-Diagnosis	 Remote Controller Temperature Sensor
 Refrigerant Leak Alarm	 Standby Mode	 Auto Restart	 Multifunction Remote Controller	 Cold Air Intake Control	 8°C Constant Heating Function
 Automatic Louver (Swing)	 Wi-Fi Control	 Emergency Use	 Golden Fins	 Louver Position Memory	 Timer
 Single and Multi Split	 Hotel Mode	 Double-Sided Installation	 Personalized Remote Controller	 Wide Temperature Range	 Temperature Compensation
 Silver-Ion Filter (optional)					

3D Airflow

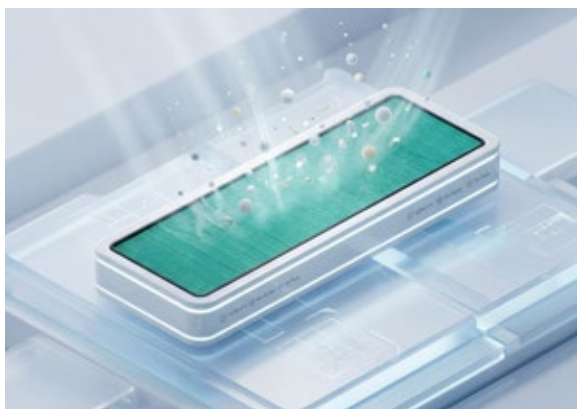
The 3D airflow function ensures even air distribution throughout the room thanks to automatic control of both horizontal and vertical louvers. Air is distributed in multiple directions, which effectively eliminates areas with varying temperatures and ensures optimal comfort for occupants regardless of where they are located. Automatic airflow direction adjustment promotes effective air circulation, speeds up the process of reaching the set temperature, and increases the unit's efficiency. This solution works well for both cooling and heating, ensuring a pleasant climate and uniform conditions throughout the room.





Wi-Fi Control

The Wi-Fi module lets you control your air conditioner using your phone or tablet from anywhere in the world.



Bio HEPA Filter

The air purification function is further enhanced by a Bio HEPA filter, which effectively traps 99% of dust particles and bacteria measuring $0.3\ \mu\text{m}$, as well as up to 95% of particles ranging from 0.1 to $0.3\ \mu\text{m}$, including fungal cells and some viruses.



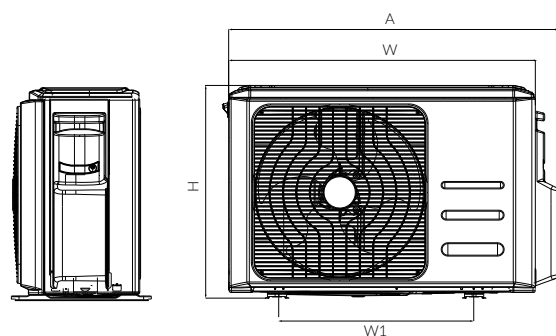
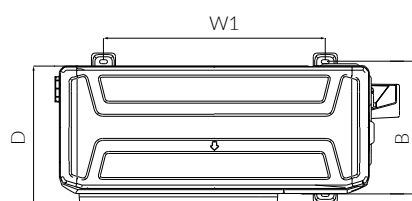
Cold Catalytic Filter

A cold catalytic filter removes chemicals such as carbon monoxide, hydrogen sulfide, ammonia, benzene, and formaldehyde.

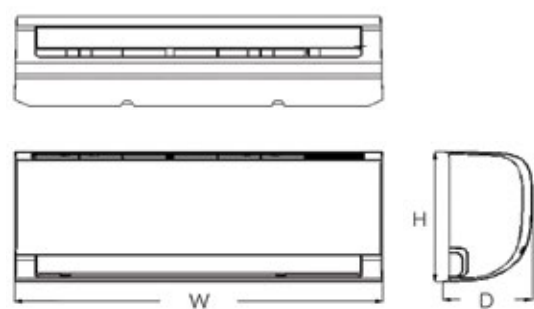
Technical Specifications

Fly	indoor unit		KWX-09KRHI	KWX-12KRHI	KWX-18KRHI	KWX-24KRHI
	outdoor unit		KWX-09KRHO	KWX-12KRHO	KWX-18KRHO	KWX-24KRHO
Capacity average (min-max)	cooling	kW	2,6 (0,9÷3,4)	3,5 (1,1÷3,9)	5,3 (1,8÷6,1)	7,0 (2,1÷7,9)
	heating	kW	2,9 (0,8÷3,4)	3,8 (1,1÷4,2)	5,6 (1,3÷6,7)	7,3 (1,6÷7,9)
Energy efficiency class	cooling/ heating		A++/A+	A++/A+	A++/A+	A++/A+
SEER	average	W/W	7,0	6,5	7,4	6,1
SCOP	average	W/W	4,1	4,1	4,0	4,0
Electric power consumption average (min-max)	cooling	W	800 (100÷1240)	1320 (83÷1600)	1550 (140÷2300)	2600 (420÷3150)
	heating	W	930 (120÷1200)	1190 (167÷1400)	1570 (220÷2350)	2400 (300÷2750)
Operating current average (min-max)	cooling	A	3,5 (0,4÷5,4)	5,8 (0,8÷7,3)	6,7 (0,6÷10,0)	11,5 (1,8÷13,8)
	heating	A	4,1 (0,5÷5,5)	5,3 (1,4÷6,4)	6,8 (0,9÷10,2)	11,0 (1,3÷12,2)
Airflow rate (Hi/Mi/Lo/Si) (Hi/Mi/Lo/Si)	indoor	m³/h	435/333/259	530/430/310	840/680/540	980/817/662
	outdoor	m³/h	1750	1750	2100	3500
Operating temperature cooling/heating	indoor	°C	17÷32/0÷30	17÷32/0÷30	17÷32/0÷30	17÷32/0÷30
	outdoor	°C	-15÷50/-25÷30	-15÷50/-25÷30	-15÷50/-25÷30	-15÷50/-25÷30
Sound pressure level	indoor	dB(A)	37/32/25/21,5	39,5/35,5/25/21,5	42,5/36/26/20	45/40,5/36/30
	outdoor	dB(A)	55	55	56	59
Net dimensions (W/H/D)	indoor	mm	715×285×194	805×285×194	957×302×213	1040×327×220
	outdoor	mm	720×495×270	720×495×270	805×554×330	890×673×342
Transport dimensions (W/H/D)	indoor	mm	780×365×270	870×365×270	1035×385×295	1120×405×315
	outdoor	mm	835×540×300	835×540×300	915×615×370	995×740×398
Net weight	indoor	kg	6,7	7,3	10,0	12,3
	outdoor	kg	21,0	21,0	32,7	42,9
Transport weight	indoor	kg	8,8	9,5	13,0	15,8
	outdoor	kg	22,8	22,8	35,4	45,9
Pipe diameter	liquid/gas	mm (in)	6,35/9,52 (1/4/3/8)	6,35/9,52 (1/4/3/8)	6,35/12,7 (1/4/1/2)	9,52/15,9 (3/8/5/8)
Max. installation length		m	25	25	30	50
Max. high difference		m	10	10	20	25
Power supply	outdoor	V/Hz/Ph	220÷240/50/1	220÷240/50/1	220÷240/50/1	220÷240/50/1
Circuit breaker/fuse	outdoor	A	10	16	16	20
Power supply lines	outdoor	No. of wires × mm²	3x1,5	3x1,5	3x2,5	3x2,5
Control lines	indoor-out-door	No. of wires × mm²	5x1,5	5x1,5	5x1,5	5x1,5
Factory amount of refrigerant	up to 5 mb	kg	0,47	0,52	1,08	1,42
Additional amount of refrigerant	area: 5 mb	g/m	12	12	12	24

Unit Dimensions



Model	Dimensions [mm]					
	W	D	H	W1	A	B
KWX-09KRHO	720	270	495	452	790	255
KWX-12KRHO	720	270	495	452	790	255
KWX-18KRHO	805	330	554	511	874	317
KWX-24KRHO	890	342	673	663	955	348



Model	Dimensions [mm]		
	W	D	H
KWX-09KRHI	715	194	285
KWX-12KRHI	805	194	285
KWX-18KRHI	957	213	302
KWX-24KRHI	1040	220	327

Included in the set



KWX-09/12/18/24KRHO
Outdoor Unit



RG10A4
Remote
Controller



KJR-120L
Wired
Controller
(optional)



KJR-12B
Wired
Controller
(optional)

Wall-mounted **Fly+**

KKWX-09/12/18/24RRA1

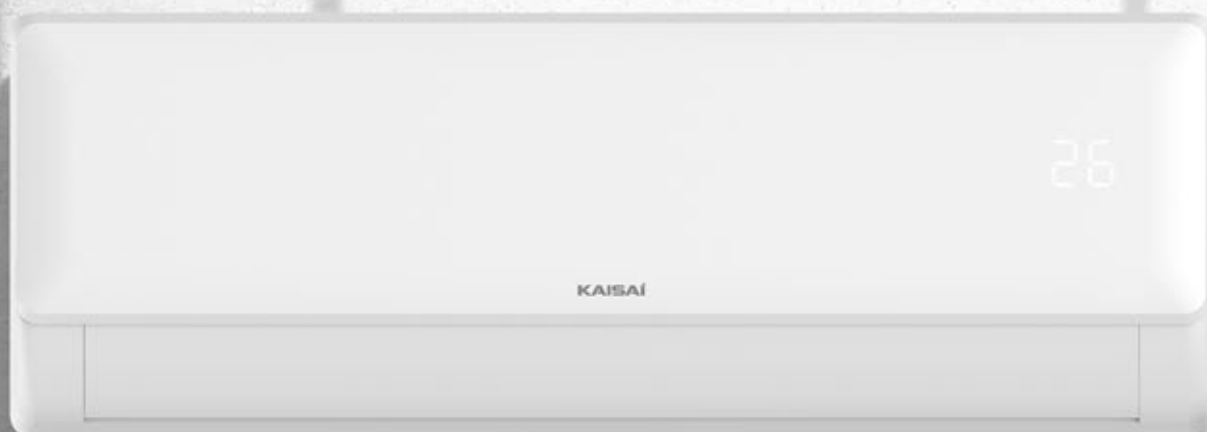
KKOX-09/12/18/24RRA1

Kaisai Fly+ combines advanced technology with high energy efficiency and ease of use. Thanks to its smart features and well-thought-out design, it's perfect as a quiet air conditioner for a bedroom or living room, as well as for an office space.



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ECO+ technology, which uses AI algorithms, and the Gear function enable effective energy consumption control. Air and unit interior hygiene are ensured by the 56°C sterilization function and the unit's self-cleaning feature. Smooth airflow adjustment and the outdoor unit's Silent mode ensure a high level of comfort, while the optional MFB board enables integration with BMS systems.



Kaisai Fly+ Features

 Cold Catalytic Filter	 Bio HEPA Filter	 High-Density Filter	 Sterilization at 56°C	 Compressor and Condensate Heater	 3D Airflow
 Quiet Operation	 Self Cleaning Evaporator	 Sleep Function	 AI Powered Eco+ Feature	 Auto Diagnosis	 Remote Controller Temperature Sensor
 Breeze Away Feature	 Stepless Fan Speed Control	 Auto Restart	 Turbo Mode	 Cold Air Intake Control	 8°C Constant Heating Function
 Gear Feature	 Standby Function	 Emergency Use	 Multifunction Remote Controller	 Louver Position Memory	 Easy Installation
 Automatic Louver (Swing)	 Eco	 Double-Sided Installation	 Golden Fins	 Hotel Mode	 Quiet Operation mode for the outdoor unit
 Refrigerant Leak Alarm	 Timer	 Single and Multi Split	 Wi-Fi Control	 Personalized Remote Controller	 Temperature Compensation
 Wide Temperature Range	 Central Controller (optional)	 MFB Module (optional)	 Silver-Ion Filter (optional)	 Port ON/OFF (optional)	 Alarm Port (optional)
 Modbus (optional)					



Wi-Fi Control

The Wi-Fi module lets you control your air conditioner using your phone or tablet from anywhere in the world.



Quiet operation of the outdoor unit

To make the air conditioner's outdoor unit run more quietly and avoid disturbing your neighbors, you can activate quiet mode by pressing and holding the fan speed button. This will reduce the noise emitted by the unit by 3 dB(A).



Sterilization at 56°C

This feature eliminates up to 99.9% of bacteria and viruses. The process involves heating the heat exchanger to 56°C and maintaining that temperature for 30 minutes, which effectively disinfects the device.



Eco+ feature based on an AI algorithm

Thanks to billions of data points, the ECO+ feature provides a more convenient energy-saving experience that surpasses conventional energy-saving technologies.



Easier installation, service, and maintenance

The new design features universal components that are easy to disassemble, which reduces maintenance time. The air conditioner has a sturdy mounting plate and a spacious housing that provides ample room for pipe and cable connections, significantly reducing installation time.



Optional MFB Fly+ Module

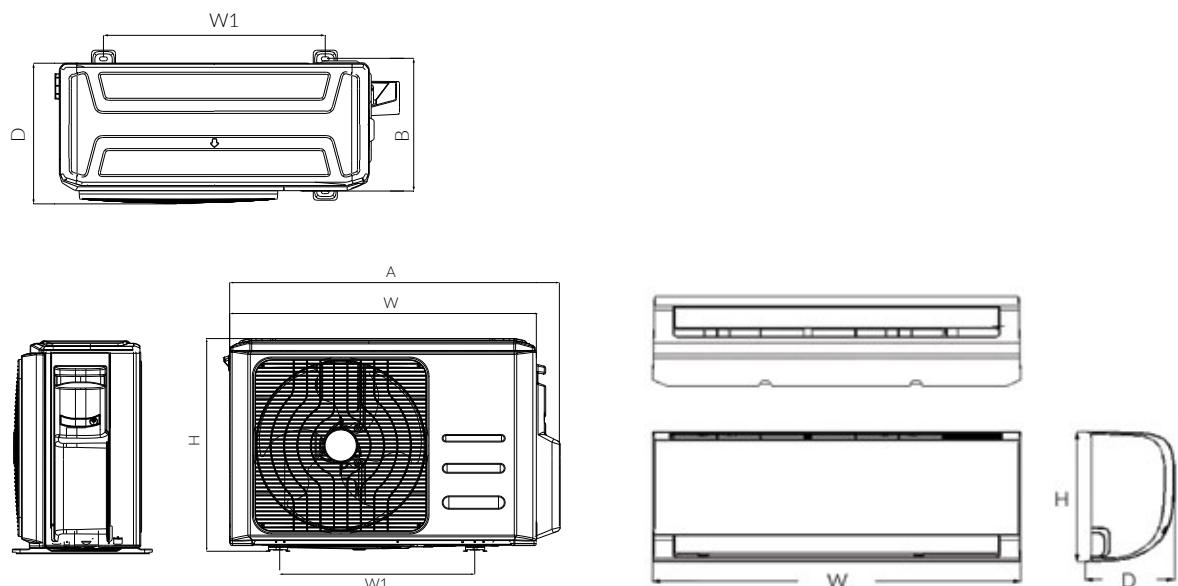
It allows for the connection of: the KJR-120N wired controller, the CCM central controller, a Modbus gateway, an ON/OFF control signal, and an alarm signal output.

Technical Specifications

Fly+	indoor unit		KKWX-09RRA1	KKWX-12RRA1	KKWX-18RRA1	KKWX-24RRA1
	outdoor unit		KKOX-09RRA1	KKOX-12RRA1	KKOX-18RRA1	KKOX-24RRA1
Capacity average (min-max)	cooling	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)
	heating	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 efficiency 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
Electric power consumption average (min-max)	cooling	W	802 (80÷1260)	1350 (80÷1500)	1600 (140÷2100)	2600 (420÷3900)
	heating	W	790 (140÷1160)	1190 (170÷1350)	1390 (220÷1700)	2150 (300÷2500)
Operating current average (min-max)	cooling	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	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)
Airflow rate (Hi/Mi/Lo/Si) (Hi/Mi/Lo/Si)	indoor	m³/h	510/380/300/140	590/420/340/190	800/600/470/340	1039/752/606/400
	outdoor	m³/h	1750	1750	2100	3500
Amount of moisture removed	indoor	L/h	1,1	1,2	2,0	2,9
Operating temperature cooling/heating	indoor	°C	16÷32/0÷30	16÷32/0÷30	16÷32/0÷30	16÷32/0÷30
	outdoor	°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	dB(A)	38,5/33/23,5/19	39/32/24/20	43/35,5/33,5/20	45/39,5/36/20
	outdoor	dB(A)	54,5/51,5*	56/53*	57,5/54,5*	60/57*
Net dimensions (W/H/D)	indoor	mm	723×286×199	813×289×201	975×308×218	1055×330×231
	outdoor	mm	720×495×270	720×495×270	805×554×330	890×673×342
Transport dimensions (W/H/D)	indoor	mm	780×365×270	870×365×270	1035×385×295	1130×310×405
	outdoor	mm	835×540×300	835×540×300	915×615×370	995×740×398
Net weight	indoor	kg	7,0	7,4	10,3	12,4
	outdoor	kg	20,4	20,4	29,8	38,3
Transport weight	indoor	kg	9,2	9,7	13,3	15,9
	outdoor	kg	22,3	22,3	32,3	41,5
Pipe diameter	liquid/gas	mm (in)	6,35/9,52 (1/4/3/8)	6,35/9,52 (1/4/3/8)	6,35/12,7 (1/4/1/2)	6,35/12,7 (1/4/1/2)
Max. installation length		m	25	25	30	50
Max. high difference		m	10	10	20	25
Power supply	outdoor	V/Hz/Ph	220÷240/50/1	220÷240/50/1	220÷240/50/1	220÷240/50/1
Circuit breaker/fuse	outdoor	A	10	10	16	20
Power supply lines	outdoor	mm²	3x1,5	3x1,5	3x2,5	3x2,5
Control lines	indoor-outdoor,	mm²	5x1,5	5x1,5	5x1,5	5x1,5
Factory amount of refrigerant	up to 5 mb	kg	0,46	0,49	0,80	0,95
Additional amount of refrigerant	more than 5 meters	g/m	12	12	12	12

* in quiet operation mode of the outdoor unit

Unit Dimensions



Model	Dimensions [mm]					
	W	D	H	W1	A	B
KKOX-09RRA1	723	199	286	452	797	255
KKOX-12RRA1	813	201	289	452	797	255
KKOX-18RRA1	975	218	308	511	874	317
KKOX-24RRA1	1055	231	330	663	955	348

Model	Dimensions [mm]		
	W	D	H
KKWX-09RRA1	723	199	286
KKWX-12RRA1	813	201	289
KKWX-18RRA1	975	218	308
KKWX-24RRA1	1055	231	330

Included in the set



KKOX-09/12/18/24RRA1
Outdoor Unit



RG10D4
Remote
Controller



KJR-120L
Wired
Controller
(optional)



KJR-12B
Wired
Controller
(optional)



CCM
Central
Controller
(optional)



MFB FLY+
Expansion
Module
(optional)

Wall-mounted **Eco**

KEX-09/12/18/24KTH2I

KEX-09/12/18/24KTH2O

Kaisai Eco is an economical wall-mounted air conditioner that combines reliable performance with energy efficiency and ease of use. With an A++ energy efficiency rating in cooling mode, it provides a high level of comfort while keeping operating costs low. It is a versatile solution for apartments, homes, and small commercial spaces.



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The unit is equipped with a Bio HEPA filter and a cold catalytic filter to help improve air quality. The evaporator's self-cleaning function limits the buildup of contaminants inside the unit, and the Wi-Fi module allows for convenient control of the air conditioner using a smartphone.



Kaisai Eco Features

 Cold Catalytic Filter	 Bio HEPA Filter	 High-Density Filter	 Turbo Mode	 Compressor and Condensate Heater	 Remote Controller Temperature Sensor
 Quiet Operation	 Self-Cleaning Evaporator	 Auto Restart	 Multifunction Remote Controller	 Self-Diagnosis	 8°C constant heating function
 Automatic Louver (Swing)	 Standby Mode	 Emergency use	 Golden Fins	 Cold Air Intake Control	 Timer
 Refrigerant Leak Alarm	 Eco	 Double-Sided Installation	 Wi-Fi Control	 Louver Position Memory	 Temperature Compensation
 Single and Multi Split	 Personalized Remote Controller	 Hotel Mode	 Wide Temperature Range	 Silver-ion filter (optional)	



Multifunction Remote Control

Using the remote control, you can easily set the desired indoor air parameters. In addition, the remote control is equipped with practical features such as: evaporator self-cleaning (SELF CLEAN), constant heating at 8°C (HEATING 8°C), and a temperature sensor (FOLLOW ME).



Wi-Fi Control

Thanks to the Wi-Fi module, the air conditioner can be controlled using a phone or tablet. You can monitor the unit's operating parameters 24 hours a day from anywhere in the world.



Self-Cleaning Evaporator

After the unit has finished operating, the air conditioner enters cleaning mode and removes moisture that has accumulated in the indoor unit, which prevents the growth of microorganisms and mold.

Eco Mode

The ECO function automatically adjusts the flow rate by the indoor unit and the temperature setting, in order to achieve the most energy-efficient operation of the unit. Electricity consumption is significantly reduced, resulting in savings of over 60% compared to standard air conditioner operation.



Wired controller (optional)

In addition to the standard wireless remote control, you can connect and control the device using an optional wired remote control.



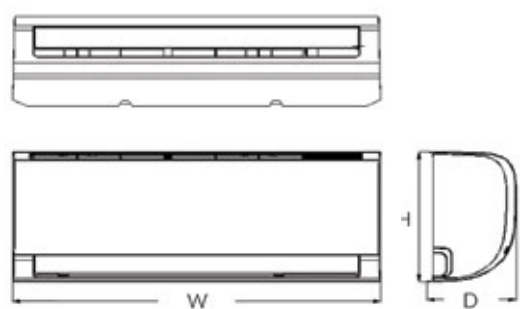
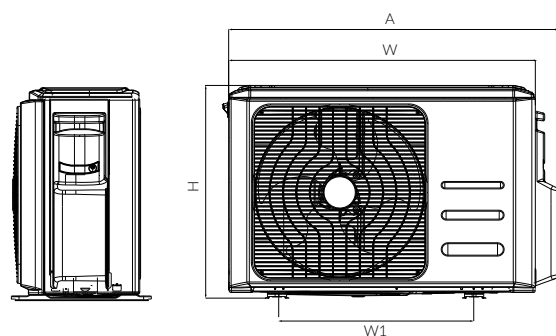
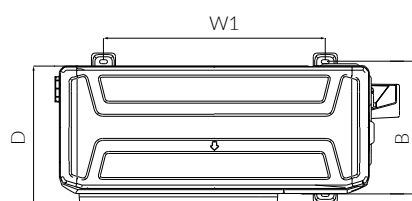
Bio HEPA Filter

The air purification function is further enhanced by a Bio HEPA filter, which effectively traps 99% of dust particles, dirt, and bacteria as small as 0.3 μm , as well as up to 95% of particles ranging from 0.1 to 0.3 μm , including fungal cells and some viruses.

Technical Specifications

Eco	indoor unit		KEX-09KTH2I	KEX-12KTH2I	KEX-18KTH2I	KEX-24KTH2I
	outdoor unit		KEX-09KTH2O	KEX-12KTH2O	KEX-18KTH2O	KEX-24KTH2O
Capacity average (min-max)	cooling	kW	2,6 (0,9÷3,4)	3,5 (1,1÷3,9)	5,3 (1,8÷6,1)	7,0 (2,1÷7,9)
	heating	kW	2,9 (0,8÷3,4)	3,8 (1,1÷4,2)	5,6 (1,3÷6,7)	7,3 (1,6÷7,9)
Energy efficiency class	cooling/ heating		A++/A+	A++/A+	A++/A+	A++/A+
SEER	average	W/W	7,0	6,5	7,4	6,1
SCOP	average	W/W	4,1	4,1	4,0	4,0
Electric power consumption average (min-max)	cooling	W	800 (100÷1240)	1320 (83÷1600)	1550 (140÷2300)	2600 (420÷3150)
	heating	W	930 (120÷1200)	1190 (167÷1400)	1570 (220÷2350)	2400 (300÷2750)
Operating current average (min-max)	cooling	A	3,5 (0,4÷5,4)	5,8 (0,8÷7,3)	6,7 (0,6÷10,0)	11,5 (1,8÷13,8)
	heating	A	4,1 (0,5÷5,5)	5,3 (1,4÷6,4)	6,8 (0,9÷10,2)	11,0 (1,3÷12,2)
Airflow rate (Hi/Mi/Lo/Si) (Hi/Mi/Lo/Si)	indoor	m³/h	435/333/259	530/430/310	840/680/540	980/817/662
	outdoor	m³/h	1750	1750	2100	3500
Operating temperature cooling/heating	indoor	°C	17÷32/0÷30	17÷32/0÷30	17÷32/0÷30	17÷32/0÷30
	outdoor	°C	-15÷50/-25÷30	-15÷50/-25÷30	-15÷50/-25÷30	-15÷50/-25÷30
Sound pressure level	indoor	dB(A)	37/32/25/21,5	39,5/35,5/25/21,5	42,5/36/26/20	45/40,5/36/30
	outdoor	dB(A)	55	55	56	59
Net dimensions (W/H/D)	indoor	mm	715×285×194	805×285×194	957×302×213	1040×327×220
	outdoor	mm	720×495×270	720×495×270	805×554×330	890×673×342
Transport dimensions (W/H/D)	indoor	mm	780×365×270	870×365×270	1035×385×295	1120×405×315
	outdoor	mm	835×540×300	835×540×300	915×615×370	995×740×398
Net weight	indoor	kg	6,7	7,3	10,0	12,3
	outdoor	kg	21,0	21,0	32,7	42,9
Transport weight	indoor	kg	8,8	9,5	13,0	15,8
	outdoor	kg	22,8	22,8	35,4	45,9
Pipe diameter	liquid/gas	mm (in)	6,35/9,52 (1/4/3/8)	6,35/9,52 (1/4/3/8)	6,35/12,7 (1/4/1/2)	9,52/15,9 (3/8/5/8)
Max. installation length		m	25	25	30	50
Max. high difference		m	10	10	20	25
Power supply	outdoor	V/Hz/Ph	220÷240/50/1	220÷240/50/1	220÷240/50/1	220÷240/50/1
Circuit breaker/fuse	outdoor	A	10	16	16	20
Power supply lines	outdoor	No. of wires × mm²	3x1,5	3x1,5	3x2,5	3x2,5
Control lines	indoor-out-door	No. of wires × mm²	5x1,5	5x1,5	5x1,5	5x1,5
Factory amount of refrigerant	up to 5 mb	kg	0,47	0,52	1,08	1,42
Additional amount of refrigerant	area: 5 mb	g/m	12	12	12	24

Unit Dimensions



Model	Dimensions [mm]					
	W	D	H	W1	A	B
KEX-09KTH2O	720	270	495	452	790	255
KEX-12KTH2O	720	270	495	452	790	255
KEX-18KTH2O	805	330	554	511	874	317
KEX-24KTH2O	890	342	673	663	955	348

Model	Dimensions [mm]		
	W	D	H
KEX-09KTH2I	715	194	285
KEX-12KTH2I	805	194	285
KEX-18KTH2I	957	213	302
KEX-24KTH2I	1040	220	327

Included in the set



KEX-09/12/18/24KTH2O
Outdoor Unit



RG10A4
Remote
Controller



KJR-12B
Wired
Controller
(optional)



KJR-120L
Wired
Controller
(optional)

Wall-mounted **Ice**

KLW-09/12/18/24HRHI
KLWB-09/12/18/24HRHO

KLB-09/12/18/24KRHI
KLWB-09/12/18/24HRHO

Kaisai Ice is a premium air conditioner that combines elegant design with advanced air-quality-enhancing features. Available in white and black, it is a stylish addition to modern interiors.



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An ionizer and a Bio HEPA filter ensure clean, fresh air by effectively reducing the presence of dust, allergens, and microorganisms. The device helps maintain a healthy indoor environment while offering quiet operation and high energy efficiency. It's the perfect solution for those who value both comfort and aesthetics.



Kaisai Ice Features

 Wide Temperature Range	 Golden Fins	 Louver Position Memory	 Refrigerant Leak Alarm	 Personalized Remote Controller	 Remote Controller Temperature Sensor
 Emergency use	 Wi-Fi Control	 Standby Mode	 Multifunction Remote Controller	 8°C constant heating function	 Self-Cleaning Evaporator
 3D Airflow	 Sleep function	 Timer	 Auto Restart	 Self-Diagnosis	 Bio HEPA Filter
 Ionization	 Compressor and Condensate Heater	 Gear Feature	 Eco	 Stepless Fan Speed Control	 Single and Multi Split
 Turbo mode	 High-Density Filter	 Temperature Compensation	 Cold Air Intake Control	 Automatic Louver (Swing)	 Double-Sided Installation
 Quiet Operation	 Hotel Mode	 Cold Catalytic Filter	 Port ON/OFF (optional)	 Modbus (optional)	 Silver-Ion Filter (optional)
 Port emergency (optional)	 3M Filter (optional)	 MFB Module (optional)	 Central Controller (optional)		

Wi-Fi Control

The Wi-Fi module lets you control your air conditioner using your phone or tablet from anywhere in the world.



Gear Feature

Thanks to the ability to adjust the temperature and fan speed in Gear mode, you can control electricity consumption by setting the maximum operating intensity of the unit.



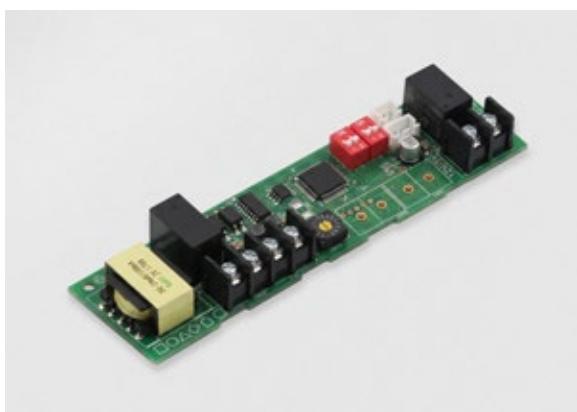
8°C Constant Heating Function

When the user is away, the air conditioner in heating mode maintains a constant temperature of up to 8°C in the room, preventing it from getting too cold.



Central Controller (optional)

Capable of controlling up to 64 indoor units. In addition to standard functions, it offers locking options for: operating mode, individual controllers, and central controller buttons. The maximum length of communication cables is 1,200 m.



MFB ICE Extension Module

It allows for the connection of: the JR-120N wired controller, the CCM central controller, a Modbus gateway, an ON/OFF control signal, and an alarm signal output.



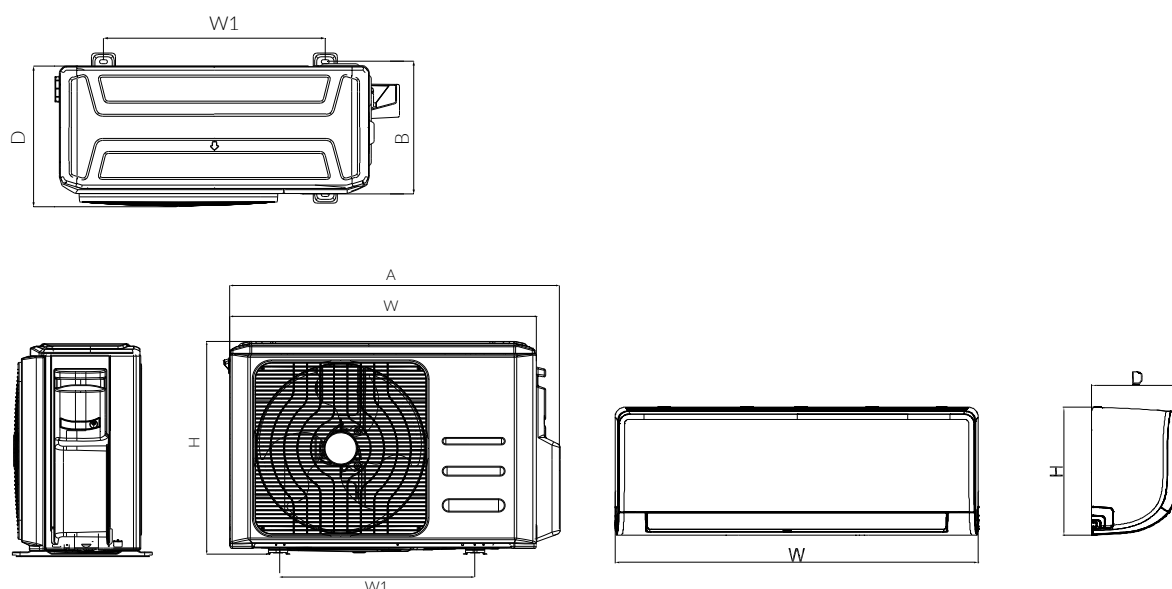
Wired controller (optional)

The basic functions are: On/Off, Operating Mode, Air Temperature, Fan Speed, Timer, Temperature Sensor in the Remote Control, and Automatic Blind Function.

Technical Specifications

Ice	indoor unit – white		KLW-09HRHI	KLW-12HRHI	KLW-18HRHI	KLW-24HRHI
	indoor unit – black		KLB-09KRHI	KLB-12KRHI	KLB-18KRHI	KLB-24KRHI
	outdoor unit		KLWB-09HRHO	KLWB-12HRHO	KLWB-18HRHO	KLWB-24HRHO
Capacity average (min–max)	cooling	kW	2,6 (1,0-3,2)	3,5 (1,4-4,3)	5,3 (1,9-6,2)	7,0 (3,0-8,7)
	heating	kW	2,9 (0,8-3,4)	3,8 (1,1-4,4)	5,6 (1,3-6,9)	7,3 (1,5-9,3)
Energy class	cooling/heating		A+++ / A++	A+++ / A++	A++ / A+	A++ / A+
SEER	average	W/W	8,8	8,5	7,0	6,4
SCOP	average	W/W	4,6	4,6	4,0	4,0
Average electrical power consumption (min–max)	cooling	W	628 (80÷1100)	1005 (130÷1650)	1550 (150÷2250)	2420 (340÷3450)
	heating	W	651 (70÷990)	977 (160÷1560)	1630 (220÷2350)	2130 (300÷3150)
Operating current average (min–max)	cooling	A	2,7 (0,3÷4,8)	4,4 (0,6÷7,2)	6,7 (0,7÷9,8)	10,5 (1,4÷15)
	heating	A	2,8 (0,3÷4,3)	4,2 (0,7÷6,8)	7,1 (0,9÷10,2)	9,3 (1,3÷13,7)
Airflow rate (Hi/Mi/Lo/Si)	indoor unit	m³/h	510/360/300	520/370/310	800/600/500	1090/770/610
	outdoor unit	m³/h	2150	2200	2100	3500
Operating temperature (Cooling) /heating	indoor unit	°C	17÷32/0÷30	17÷32/0÷30	17÷32/0÷30	17÷32/0÷30
	outdoor unit	°C	-15÷50/-25÷30	-15÷50/-25÷30	-15÷50/-25÷30	-15÷50/-25÷30
Sound pressure level	indoor unit	dB(A)	37/31/22/19	39/33/22/21	41/37/31/20	46/37/34,5/21
	outdoor unit	dB(A)	54	54,5	57	60
Net dimensions (W/H/D)	indoor unit	mm	835×295×208	835×295×208	969×320×241	1083×336×244
	outdoor unit	mm	765×555×303	765×555×303	805×554×330	890×673×342
Transport dimensions (W/H/D)	indoor unit	mm	905×355×290	905×355×290	1045×405×315	1155×415×315
	outdoor unit	mm	887×610×337	887×610×337	915×615×370	995×740×398
Net weight	indoor unit	kg	8,7	8,7	11,2	13,6
	outdoor unit	kg	26,4	26,4	33,5	43,9
Transport weight	indoor unit	kg	11,5	11,5	14,6	17,3
	outdoor unit	kg	28,8	28,8	36,1	46,9
Pipe diameter	liquid/gas	mm (in)	6,35/9,52 (¼/¾)	6,35/9,52 (¼/¾)	6,35/12,7 (¼/½)	9,52/15,9 (¾/⅝)
Max. installation length		m	25	25	30	50
Max. high difference		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 breaker/fuse	outdoor unit	A	10	16	16	20
Power supply lines	outdoor unit		3x1,5	3x1,5	3x2,5	3x2,5
Control lines	indoor-outdoor unit	fig. veins x mm²	5x1,5	5x1,5	5x1,5	5x1,5
Factory amount of refrigerant	up to 5 mb	kg	0,62	0,62	1,10	1,45
Additional amount of refrigerant	area: 5 mb	g/m	12	12	12	24

Unit Dimensions



Model	Dimensions [mm]					
	W	D	H	W1	A	B
KLWB-09HRHO	765	303	555	452	835	286
KLWB-12HRHO	765	303	555	452	835	286
KLWB-18HRHO	805	330	554	511	874	317
KLWB-24HRHO	890	342	673	663	955	348

Model	Dimensions [mm]		
	W	D	H
KLW-09HRHI	835	208	295
KLB-09KRHI	835	208	295
KLW-12HRHI	835	208	295
KLB-12KRHI	835	208	295
KLW-18HRHI	969	241	320
KLB-18KRHI	969	241	320
KLW-24HRHI	1083	244	336
KLB-24KRHI	1083	244	336

Included in the set



KLWB-09/12/18/24 HRHO
Outdoor Unit



RG10A1
Remote Controller



KJR-120N
Wireless Controller (optional)



KJR-12B
Wired Controller (optional)



KJR-120L
Wired Controller (optional)



CCM
Central Controller (optional)



MFB ICE/HOT
Expansion Module (optional)

Wall-mounted **Nordic**

KNP-12NRHI
KNP-12NRHO

The Kaisai Nordic is a model designed to provide reliable heating and performance in harsh climatic conditions. Its advanced winter-ready features and high energy efficiency ensure comfort all year round.



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The compressor heater and heated drip tray ensure stable operation even during severe cold spells. Intelligent temperature control, Wi-Fi functionality, and a wide operating range make this unit an ideal year-round source of thermal comfort. This solution is designed for users who expect reliability regardless of weather conditions.



Kaisai Nordic Features

 Wide Temperature Range	 High-Density Filter	 Louver Position Memory	 Refrigerant Leak Alarm	 Work at low outdoor temperatures	 Wi-Fi Control
 Emergency use	 Timer	 Multi functional remote controller	 Standby Mode	 8°C constant heating function	 Electronic pressure valve
 3D Airflow	 Sleep function	 Self-Diagnosis	 Bio HEPA Filter	 Cold Catalytic Filter	 Remote Controller Temperature Sensor
 Ionization	 Compressor and Condensate Heater	 Eco	 Fireplace Feature	 Stepless Fan Speed Control	 Turbo Mode
 Breeze Feature Away	 Self-Cleaning Evaporator	 Auto Restart	 Temperature Compensation	 Cold Air Intake Control	 Automatic Louver (Swing)
 Double-Sided Installation	 Quiet Operation	 Golden Fins	 Sterilization at 56°C	 Hotel Mode	 Personalized Remote Control
 Silver-Ion Filter (optional)					



Air Ionization

The ions emitted by the air conditioner break down dust mites, mold, bacteria, and viruses, eliminating them from the environment, and humidify the air, which has a positive effect on the skin and provides a pleasant feeling of freshness.



Sterilization at 56°C

The device eliminates bacteria in 30 minutes at a temperature of 56°C. By reversing the fan's direction, the unit self-cleans, preventing the growth of bacteria and mold.



Electronic Expansion Valve

An electronic expansion valve reduces the refrigerant pressure in a variable manner controlled by the controller. This allows for precise regulation of both the superheat value and the cooling/heating capacity.



Wi-Fi Control

The Wi-Fi module lets you control your air conditioner using your phone or tablet from anywhere in the world.



Compressor and Condensate Tray Heater

The compressor sump heater prevents the refrigerant from being absorbed by the oil, which can occur when the temperature drops. The condensing tray heater supports the air conditioner's operation in heating mode by preventing the drain pan from freezing, improving efficiency, and minimizing the risk of fan failure.



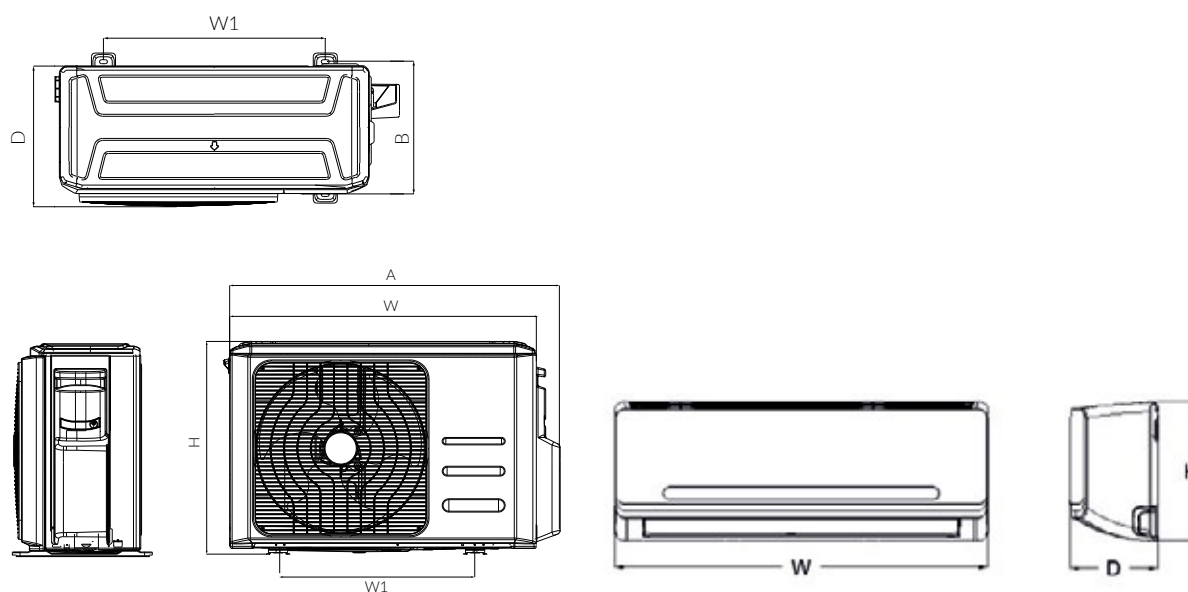
Fireplace Feature

Once the set temperature is reached in heating mode, the indoor unit's fan continues to operate to distribute warm air from other heat sources, such as a fireplace.

Technical Specifications

Nordic	indoor unit		KNP-12NRHI
	outdoor unit		KNP-12NRHO
Capacity average (min-max)	cooling	kW	3,5 (1,0÷4,8)
	heating	kW	3,8 (0,7÷7,2)
Energy efficiency class	cooling/heating		A+++/A+++
SEER	average	W/W	9,2
SCOP	average	W/W	5,1
Electric power consumption average (min-max)	cooling	W	748 (102÷1955)
	heating	W	772 (104÷2625)
Operating current average (min-max)	cooling	A	3,2 (0,4÷8,5)
	heating	A	3,4 (0,4÷11,4)
Airflow rate (Hi/Mi/Lo/Si)	indoor	m ³ /h	548/370/310
	outdoor	m ³ /h	2350
Operating temperature cooling/heating	indoor	°C	16÷32/0÷30
	outdoor	°C	-15÷50/-35÷30
Sound pressure level	indoor	dB(A)	42,5/35/22/20
	outdoor	dB(A)	56
Net dimensions (W/H/D)	indoor	mm	895×298×248
	outdoor	mm	805×554×330
Transport dimensions (W/H/D)	indoor	mm	985×350×370
	outdoor	mm	915×615×370
Net weight	indoor	kg	12,6
	outdoor	kg	35,2
Transport weight	indoor	kg	17,3
	outdoor	kg	37,7
Pipe diameter (liquid/gas)		mm (in)	6,35/9,52 (1/4/3/8)
Max. installation length		m	25
Max. high difference		m	10
Power supply	outdoor	V/Hz/Ph	220÷240/50/1
Circuit breaker/fuse	outdoor	A	10
Power supply lines	outdoor	No. of wires × mm ²	3×1,5
Control lines	indoor-outdoor		5×1,5
Factory amount of refrigerant	up to 5 mb	kg	1,10
Additional amount of refrigerant	area: 5 mb	g/m	0,12

Unit Dimensions



Model	Dimensions [mm]					
	W	D	H	W1	A	B
KNP-12NRHO	805	330	554	511	874	317

Model	Dimensions [mm]		
	W	D	H
KNP-12NRHI	895	248	298

Included in the set



KNP-12NRHO
Outdoor Unit



RG10L5
Remote
Controller



KJR-12B
Wired
Controller
(optional)



KJR-120L
Wired
Controller
(optional)

Wall-mounted **Geo**

KGE-09/12/18/24GRHI
KGE-09/12/18/24GRHO

Kaisai Geo is a modern wall-mounted air conditioner that combines high energy efficiency with advanced features that improve air quality. It is an ideal choice for users seeking comfort, cost savings, and an elegant design.



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Thanks to its dual-filtration system and air ionization feature, the unit effectively removes dust, microbes, and unwanted chemicals from the air-conditioned room. The air conditioner offers a high level of comfort thanks to its standard Wi-Fi module and 3D airflow, which ensure optimal air circulation and even temperature distribution throughout the room.



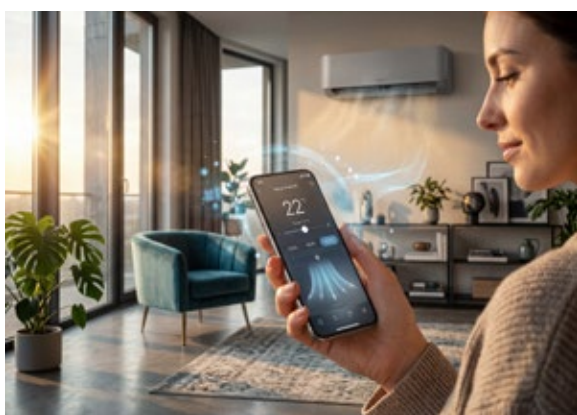
Kaisai Geo Features

	Wide Temperature Range		High-Density Filter		Louver Position Memory		Refrigerant Leak Alarm		Single and Multi Split		Wi-Fi Control
	Emergency Use		Timer		Multifunction Remote Controller		Mode vigilance		Self-Cleaning Evaporator		3D Airflow
	Sleep function		Auto Restart		Self-Diagnosis		Remote Controller Temperature Sensor		Cold Catalytic Filter		Bio HEPA Filter
	Air ionization		Compressor and Condensate Heater		Turbo Mode		Quiet Operation		Cold Air Intake Control		Temperature Compensation
	8°C constant heating function		Multifunction Remote Controller		Double-Sided Installation		Automatic Louver (Swing)		Golden Fins		Hotel Mode
	Personalized Remote Controller		Silver-ion filter (optional)								



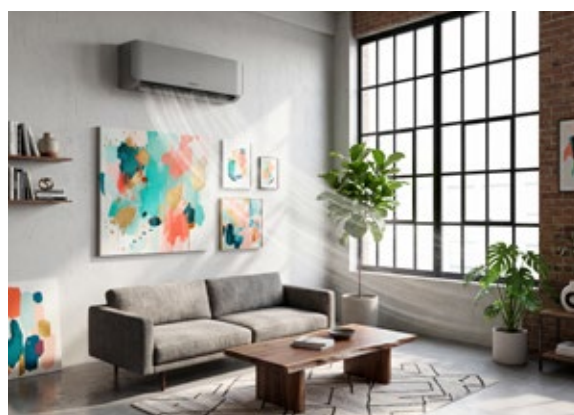
Air Ionization

The ions emitted by the air conditioner break down dust mites, mold, bacteria, and viruses, eliminating them from the environment, and humidify the air, which has a positive effect on the skin and provides a pleasant feeling of freshness.



Wi-Fi Control

The Wi-Fi module lets you control your air conditioner using your phone or tablet from anywhere in the world.



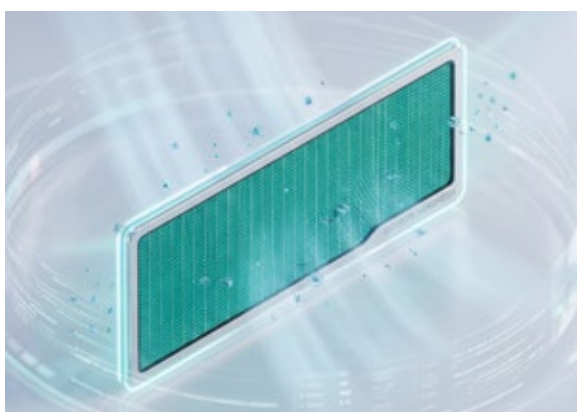
Self-Cleaning Evaporator

After the unit has finished operating, the air conditioner enters a cleaning mode and removes any moisture that may have accumulated in the indoor unit. This prevents the growth of microorganisms and mold.



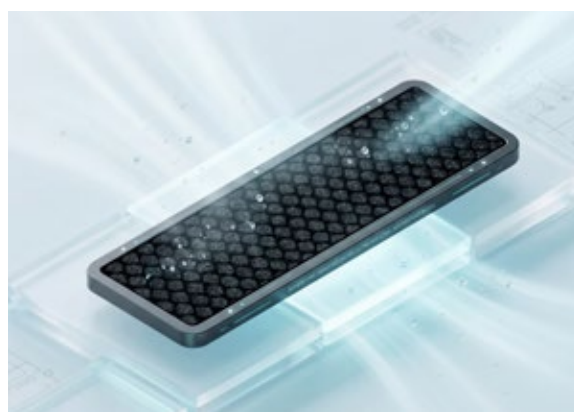
3D Airflow

Automatically controlled horizontal and vertical blinds ensure even temperature distribution and optimal air circulation.



Bio HEPA Filter

The air purification function is further enhanced by a Bio HEPA filter, which effectively traps 99% of dust particles and bacteria measuring $0.3\ \mu\text{m}$, as well as up to 95% of particles ranging from 0.1 to $0.3\ \mu\text{m}$, including fungal cells and some viruses.



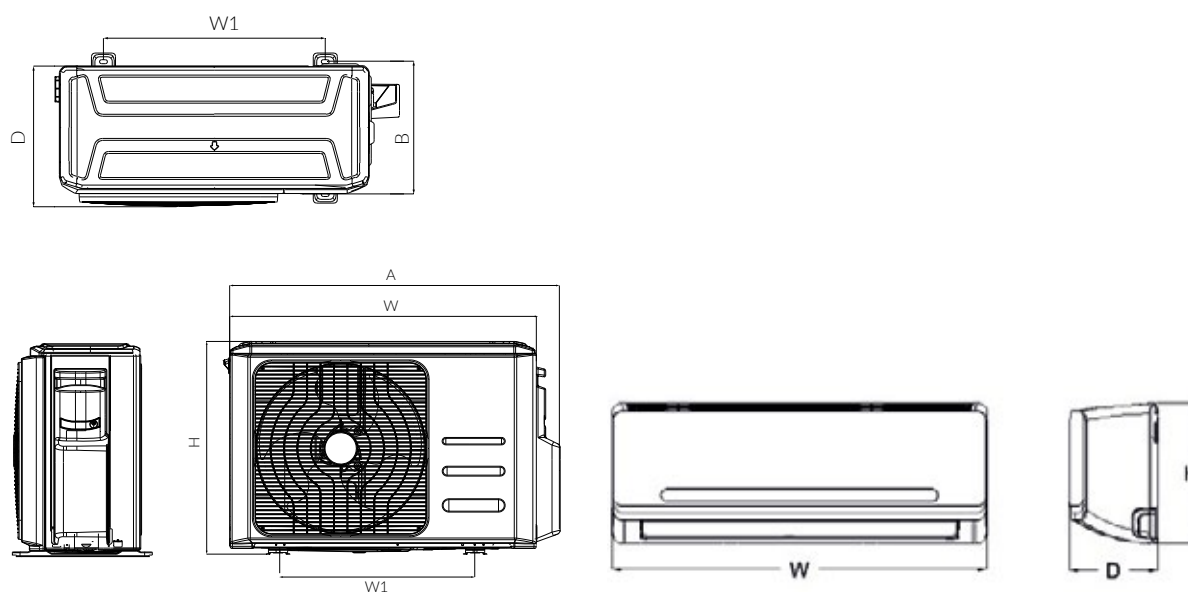
Cold Catalytic Filter

The cold catalytic filter removes chemicals such as carbon monoxide, hydrogen sulfide, ammonia, benzene, and formaldehyde, ensuring a high standard of air quality.

Technical Specifications

Geo	indoor unit		KGE-09GRHI	KGE-12GRHI	KGE-18GRHI	KGE-24GRHI
	outdoor unit		KGE-09GRHO	KGE-12GRHO	KGE-18GRHO	KGE-24GRHO
Capacity average (min-max)	cooling	kW	2,6 (1,0÷3,2)	3,5 (1,4÷4,3)	5,3 (3,4÷5,9)	7,0 (2,1÷8,2)
	heating	kW	2,9 (0,8÷3,4)	3,8 (1,1÷4,4)	5,6 (3,1÷5,8)	7,3 (1,5÷8,5)
Energy efficiency class	cooling/ heating		A+++/A++	A+++/A++	A++/A+	A++/A+
SEER	average	W/W	9,3	8,5	7,0	6,5
SCOP	average	W/W	4,6	4,6	4,0	4,0
Electric power consumption average (min-max)	cooling	W	613 (90÷1140)	977 (130÷1650)	1550 (560÷2050)	2510 (420÷3200)
	heating	W	637 (110÷1080)	977 (160÷1560)	1500 (780÷2000)	2130 (300÷3100)
Operating current average (min-max)	cooling	A	2,7 (0,4÷4,7)	4,2 (0,6÷7,2)	6,7 (2,4÷9,0)	10,9 (1,8÷13,9)
	heating	A	2,8 (0,5÷4,7)	4,2 (0,7÷6,8)	6,5 (3,4÷8,7)	9,3 (1,3÷13,5)
Airflow rate (Hi/Mi/Lo/Si)	indoor	m³/h	483/362/303	584/477/395	730/500/420	1020/830/640
	outdoor	m³/h	2150	2100	2200	3500
Operating temperature cooling/heating	indoor	°C	17÷32/0÷30	17÷32/0÷30	17÷32/0÷30	17÷32/0÷30
	outdoor	°C	-15÷50/-25÷24	-15÷50/-25÷24	-15÷50/-25÷24	-15÷50/-25÷24
Sound pressure level	indoor	dB(A)	36,5/29,0/24,0	39,5/33/25	43/33,5/28	47/41,5/30,5
	outdoor	dB(A)	54	54,5	55,5	60,5
Net dimensions (W/H/D)	indoor	mm	802×297×189	802×297×189	965×319×215	1080×335×226
	outdoor	mm	765×555×303	765×555×303	805×554×330	890×673×342
Transport dimensions (W/H/D)	indoor	mm	875×380×285	875×380×285	1045×410×305	1155×415×320
	outdoor	mm	887×610×337	887×610×337	915×615×370	995×740×398
Net weight	indoor	kg	8,6	8,6	10,9	13,7
	outdoor	kg	26,7	26,7	33,5	43,9
Transport weight	indoor	kg	11,1	11,1	14,2	17,3
	outdoor	kg	29,1	29,1	36,1	46,9
Pipe diameter (liquid/gas)		mm (in)	6,35/9,52 (1/4/3/8)	6,35/9,52 (1/4/3/8)	6,35/12,7 (1/4/1/2)	9,52/15,9 (3/8/5/8)
Max. installation length		m	25	25	30	30
Max. high difference		m	10	10	20	20
Power supply	outdoor	V/Hz/Ph	220÷240/50/1	220÷240/50/1	220÷240/50/1	220÷240/50/1
Circuit breaker/fuse	outdoor	A	10	10	16	20
Power supply lines	outdoor	fig. veins x mm²	3×1,5	3×1,5	3×1,5	3×2,5
Control lines	indoor-outdoor		5×1,5	5×1,5	5×1,5	5×1,5
Factory amount of refrigerant	up to 5 mb	kg	0,62	0,62	1,10	1,45
Additional amount of refrigerant	area: 5 mb	g/m	12	12	12	24

Unit Dimensions



Model	Dimensions [mm]					
	W	D	H	W1	A	B
KGE-09GRHO	765	303	555	452	835	286
KGE-12GRHO	765	303	555	452	835	286
KGE-18GRHO	805	330	554	511	874	317
KGE-24GRHO	890	342	673	663	955	348

Model	Dimensions [mm]		
	Width	Depth	Height
KGE-09GRHI	802	189	297
KGE-12GRHI	802	189	297
KGE-18GRHI	965	215	319
KGE-24GRHI	1080	226	335

Included in the set



KGE-09|12|18|24 GRHO
Outdoor Unit



RG10B1
Remote
Controller

Wall-mounted **Geo+**

KKWR-09/12/18/24RAA1

KKWS-09/12/18/24RAA1

KKOG-09/12/18/24RAA1

KKOG-09/12/18/24RAA1

Kaisai Geo+ is a modern, premium model designed for users who expect the highest level of comfort and effective air purification. Available in elegant white and gray color options, it combines modern design with high energy efficiency.



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An advanced air purification system that uses a multifunctional filter and a UVC lamp effectively eliminates pollutants, bacteria, and unpleasant odors, ensuring a healthy indoor environment. Soft Wind technology guarantees a gentle, even airflow without any drafts, enhancing comfort during everyday use. The evaporator's self-cleaning function ensures high hygiene by limiting the buildup of moisture and microorganisms.



Kaisai Geo+ Features

 Soft Wind Feature	 3D Airflow	 Quiet Operation	 Self-Cleaning Evaporator	 Sleep Function	 Self-Diagnosis
 Refrigerant Leak Alarm	 Remote Controller Temperature Sensor	 Wide temperature range	 Auto Restart	 Turbo Mode	 Cold Air Intake Control
 8°C Constant Heating Function	 Multifunction Remote Controller	 Timer	 High-Density Filter	 Easy Installation	 Automatic Louver (Swing)
 Wi-Fi Control	 Double-Sided Installation	 ON/OFF Port	 UVC Lamp	 Condensate Tray Heater	 Combination of 3 filters
 Preheating	 Louver Position Memory	 Golden Fins	 Silver-Ion Filter (optional)		



Soft Wind Feature

Nearly 2,000 precisely positioned micro-holes in the horizontal supply louvers generate a gentle airflow that spreads evenly throughout the room. This feature minimizes the sensation of a draft, ensuring optimal thermal comfort and subtle cooling—ideal for users who are sensitive to intense ventilation.



Wi-Fi Control

The Wi-Fi module lets you control your air conditioner using your phone or tablet from anywhere in the world.



UVC Lamp

It effectively eliminates bacteria, viruses, and other micro-organisms, ensuring hygienic and healthy conditions in an air-conditioned room. The lamp also helps neutralize unpleasant odors, which results in better air quality.



Heating at 8 °C

It allows you to maintain a minimum temperature in unused rooms, preventing the building from getting too cold and the plumbing from freezing. This feature is particularly useful in seasonal homes and utility rooms.



Port ON/OFF

The air conditioner has a port that allows it to be turned on and off remotely from outside using a potential-free signal.



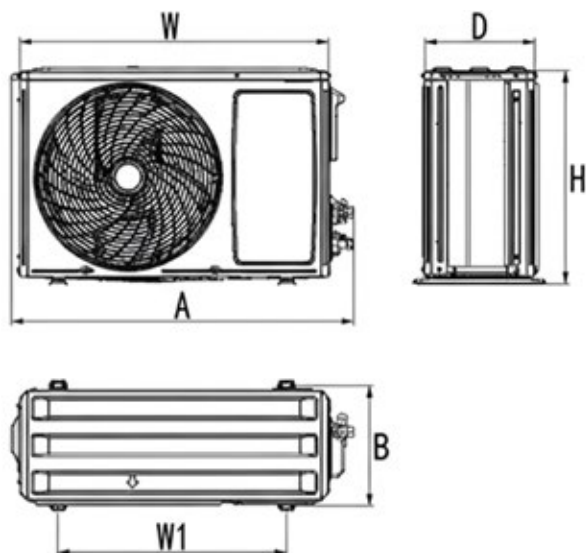
Combination of 3 filters

The three-color multifunctional filter consists of a yellow vitamin filter, a black activated carbon filter, and a red anti-formaldehyde filter. This filter is capable of capturing and filtering fine dust and smoke, absorbing unpleasant odors, breaking down formaldehyde in the air, and releasing vitamin C, making the air cleaner and fresher.

Technical Specifications

Geo+	indoor unit – white		KKWR-09RAA1	KKWR-12RAA1	KKWR-18RAA1	KKWR-24RAA1
	indoor unit – grey		KKWS-09RAA1	KKWS-12RAA1	KKWS-18RAA1	KKWS-24RAA1
	outdoor unit		KKOG-09RAA1	KKOG-12RAA1	KKOG-18RAA1	KKOG-24RAA1
Capacity average (min–max)	cooling	kW	2,7 (0,6÷4,0)	3,5 (0,7÷4,1)	5,4 (1,3÷5,9)	7,2 (1,8÷7,4)
	heating	kW	3,3 (0,8÷4,2)	4,2 (0,9÷4,2)	5,8 (1,3÷6,1)	7,3 (1,8÷8,0)
Energy efficiency class	cooling/heating		A+++/A++	A+++/A++	A+++/A++	A+++/A++
SEER	average	W/W	8,7	8,7	8,7	8,7
SCOP	average	W/W	4,7	4,7	4,6	4,6
Electric Power Consumption average (min–max)	cooling	W	720 (100÷1200)	870 (130÷1550)	1430 (290÷1950)	1700 (230÷2300)
	heating	W	800 (200÷1200)	1060 (230÷1300)	1330 (250÷1800)	2300 (230÷2530)
Operating current average (min–max)	cooling	A	3,3 (0,6÷5,3)	4,2 (0,6÷5,8)	6,4 (2,2÷6,8)	7,9 (1,0÷10,0)
	heating	A	3,9 (1,0÷5,3)	4,8 (1,0÷6,3)	6,1 (2,0÷8,0)	10,5 (1,0÷11,0)
Flow air (Hi/Mi/Lo/Si)	indoor unit	m³/h	650/540/ 500/430	650/580/550/500	1060/900/800/650	1300/1200/1010/870
	outdoor unit	m³/h	1800	2300	2800	4900
Amount of moisture removed	indoor unit	L/h	1,3	1,7	2,5	3,1
Operating temperature	indoor unit	°C	16÷32/0÷30	16÷32/0÷30	16÷32/0÷30	16÷32/0÷30
	outdoor unit	°C	-15÷53/-25÷32	-15÷53/-25÷32	-15÷53/-25÷32	-15÷53/-25÷32
Sound Pressure Level (Hi/Mi/Lo/Si)	indoor unit	dB(A)	42/38/34/27/23	44/39/34/30/24	45/40/36/32/25	50/45/39/35/27
	outdoor unit	dB(A)	49	50	51	54
Dimensions net weight s/w/g	indoor unit	mm	768×299×201	827×299×201	1140×332×230	1140×332×230
	outdoor unit	mm	708×530×258	705×530×280	785×548×281	890×695×319
Transport dimensions (W/H/D)	indoor unit	mm	831×371×282	891×371×282	1210×400×327	1210×400×327
	outdoor unit	mm	825×595×345	825×595×345	903×615×382	1015×762×425
Net weight	indoor unit	kg	8,0	8,5	13,0	14,0
	outdoor unit	kg	22,5	24,5	28,5	41,0
Weight transport	indoor unit	kg	10,5	11,0	17,0	18,0
	outdoor unit	kg	26,5	27,0	32,0	46,0
Pipe diameter (liquid/gas)		mm (in)	6,35/9,52 (1/4/3/8)	6,35/9,52 (1/4/3/8)	6,35/12,7 (1/4/1/2)	6,35/15,9 (1/4/5/8)
Max. installation length		m	20	20	20	30
Max. high difference		m	10	10	10	15
Power supply	outdoor unit	V/Hz/Ph	220÷240/50/1	220÷240/50/1	220÷240/50/1	220÷240/50/1
Circuit breaker/fuse	outdoor unit	A	10	10	16	20
Power supply lines	outdoor unit	mm²	3x1,5	3x1,5	3x2,5	3x2,5
Control lines	indoor-outdoor unit	mm²	4x1,5	4x1,5	4x1,5	4x1,5
Factory amount of refrigerant	up to 5 mb	kg	0,55	0,60	1,03	1,20
Additional amount of refrigerant	more than 5 meters	g/m	20	20	20	30

Unit Dimensions



Model	Dimensions [mm]					
	W	D	H	W1	A	B
KKOG-09RAA1	705	258	530	480	780	283
KKOG-12RAA1	705	258	530	480	780	283
KKOG-18RAA1	785	281	548	545	867	315
KKOG-24RAA1	890	319	695	630	965	350



Model	Dimensions [mm]		
	W	D	H
KKWR-09RAA1	768	199	299
KKWR-12RAA1	827	199	299
KKWR-18RAA1	1140	288	334
KKWR-24RAA1	1140	288	334
KKWS-09RAA1	768	199	299
KKWS-12RAA1	827	199	299
KKWS-18RAA1	1140	288	334
KKWS-24RAA1	1140	288	334

Included in the set



KKOG-09|12|18|24 RAA1
Outdoor Unit



KWA-T1
Remote
Controller

Wall-mounted **Art**

KKWI-09/12/18/24RTA1

KKWF-09/12/18/24RTA1

KKOH-09/12/18/24RTA1

KKOH-09/12/18/24RTA1

Kaisai Art is a modern air conditioner that combines elegant design with functionality. Available in white and black, it is ideal for homes, apartments, and hotels, offering reliability, comfort, and smart controls.



R32
REFRIGERANT

A⁺⁺
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The air conditioner is equipped with a fragrance filter featuring notes of lemon, jasmine, and gardenia, ensuring a long-lasting feeling of freshness. Dual horizontal louvers allow for precise vertical and horizontal airflow direction. Hotel mode and an ON/OFF port enable the unit to be integrated with building management systems and allow for control of operating parameters. A condensate tray heater and an expansion valve ensure reliable operation even in winter. Thanks to Wi-Fi connectivity, the software can be easily updated. Kaisai Art combines elegant design, ease of use, and solutions that enhance energy efficiency.



Kaisai Art Features

 Aroma Tablet	 Double Horizontal Blinds	 Software Update via Wi-Fi	 Hotel Mode and ON/OFF Port	 UVC Lamp	 3D Airflow
 Quiet Operation	 Self-Cleaning Evaporator	 Sleep Function	 Self-Diagnosis	 Refrigerant Leak Alarm	 Remote Controller Temperature Sensor
 Breeze Away Feature	 Silver-Ion Filter	 Auto Restart	 Turbo Mode	 Cold Air Intake Control	 8°C Constant Heating Function
 Gear Feature	 Wide Temperature Range	 Electronic Pressure Relief Valve	 Timer	 High-Density Filter	 Louver Position Memory
 Straight installation	 Automatic Louver (Swing)	 Wi-Fi Control	 Double-Sided Installation	 Golden Fins	 Ionization
 Gentle cooling	 Preheating	 Condensate Tray Heater	 Eco	 Temperature Compensation	 Multifunction Remote Controller
 Modbus	 Single and Multi Split	 Personalized Remote Control			

Aroma Tablet

The air conditioner is equipped with a scent tablet featuring notes of lemon, jasmine, and gardenia, which provides a feeling of freshness for many weeks.



Hotel Mode and ON/OFF Port

Hotel mode and the ON/OFF port allow you to turn the air conditioner on and off using an outdoor signal triggered by the opening of a window, door, or hotel key card. In addition, you can disable the cooling or heating functions and set temperature limits using the remote control.



Double horizontal louvers

Thanks to its dual horizontal louvers, the Kaisai Art ensures unrestricted vertical and horizontal airflow. This allows the flow of cool or warm air to be perfectly adjusted to the shape of the room and the users' preferences.



Air Conditioning Software Update via Wi-Fi

Convenient air conditioner software updates via Wi-Fi.



Condensate Tray Heater

The condensating tray heater supports the air conditioner's operation in heating mode by preventing the condensate tray from freezing, improving efficiency, and minimizing the risk of fan failure.



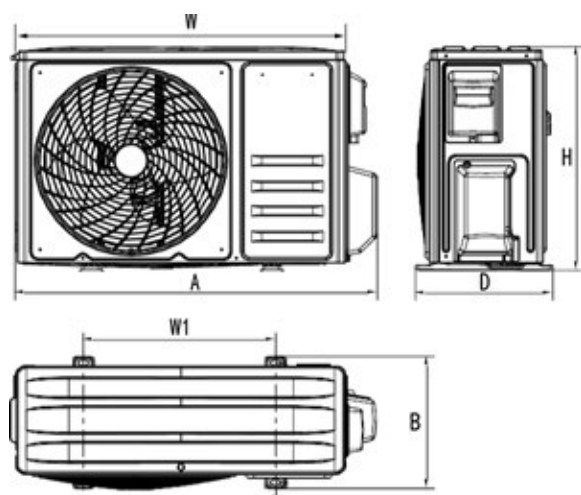
Built-in expansion valve

The unit features a built-in expansion valve that optimizes refrigerant flow. As a result, the Kaisai Art air conditioner operates more stably, consumes less energy, and maintains high efficiency in both cooling and heating modes.

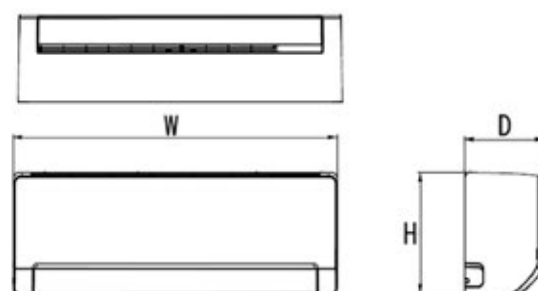
Technical Specifications

Art	indoor unit – white		KKWI-09RTA1	KKWI-12RTA1	KKWI-18RTA1	KKWI-24RTA1
	indoor unit – black		KKWF-09RTA1	KKWF-12RTA1	KKWF-18RTA1	KKWF-24RTA1
	outdoor unit		KKOH-09RTA1	KKOH-12RTA1	KKOH-18RTA1	KKOH-24RTA1
Capacity average (min–max)	cooling	kW	2,7 (0,9÷3,8)	3,6 (1,0÷4,0)	5,3 (1,3÷6,0)	7,0 (1,8÷7,4)
	heating	kW	3,4 (0,9÷4,2)	3,9 (1,0÷4,5)	5,6 (1,3÷6,8)	7,1 (1,8÷8,0)
Energy efficiency class	cooling/heating		A+++/A++	A+++/A++	A+++/A++	A+++/A++
SEER	average	W/W	8,5	8,5	8,5	8,5
SCOP	average	W/W	4,6	4,7	4,6	4,7
Electric power consumption average (min–max)	cooling	W	667 (240÷1360)	1063 (290÷1500)	1421 (330÷2360)	1900 (410÷2800)
	heating	W	857 (240÷1656)	974 (290÷1830)	1407 (340÷2750)	1795 (420÷3000)
Operating current average (min–max)	cooling	A	3,1 (1,2÷7,5)	4,9 (1,5÷9,0)	6,5 (1,7÷12,0)	8,5 (2,3÷13,0)
	heating	A	3,8 (1,2÷8,0)	4,4 (1,5÷10,0)	6,4 (1,7÷13,2)	8,2 (2,3÷14,0)
Airflow rate (Hi/Mi/Lo/Si)	indoor unit	m³/h	680/630/590/550/510/470/420	860/790/740/680/630/570/510	970/860/790/740/680/630/570	1100/1020/960/890/830/770/680
	outdoor unit	m³/h	2000	2300	3000	4000
Amount of moisture removed	indoor unit	L/h	1,2	1,5	1,8	2,0
Operating temperature	indoor unit	°C	17÷32/0÷30	17÷32/0÷30	17÷32/0÷30	17÷32/0÷30
	outdoor unit	°C	-15÷53/-25÷30	-15÷53/-25÷30	-15÷53/-25÷30	-15÷53/-25÷30
Sound pressure level (Hi/Mi/Lo/Si)	indoor unit	dB(A)	44/41/37/34/29/25/19	44/41/37/34/29/25/19	47/42/38/33/30/27/23	50/44/40/37/34/30/26
	outdoor unit	dB(A)	52	53	55	58
Net dimensions (W/H/D)	indoor unit	mm	808×305×209	808×305×209	909×305×209	1096×333×222
	outdoor unit	mm	787×498×290	810×549×305	927×699×380	978×803×421
Transport dimensions (W/H/D)	indoor unit	mm	880×375×275	880×375×275	981×375×275	1165×405×295
	outdoor unit	mm	818×520×325	835×575×328	960×732×430	1022×835×480
Net weight	indoor unit	kg	9,7	9,7	10,0	14,2
	outdoor unit	kg	22,0	24,0	38,0	46,5
Transport weight	indoor unit	kg	12,2	12,2	13,0	17,2
	outdoor unit	kg	24,0	26,0	41,0	49,5
Pipe diameter (liquid/gas)		mm (in)	6,35/9,52 (1/4/3/8)	6,35/9,52 (1/4/3/8)	6,35/12,7 (1/4/1/2)	6,35/12,7 (1/4/1/2)
Max. installation length		m	25	25	25	25
Max. high difference		m	10	10	10	10
Power supply	outdoor unit	V/Hz/Ph	220÷240/50/1	220÷240/50/1	220÷240/50/1	220÷240/50/1
Circuit breaker/fuse	outdoor unit	A	10	10	16	20
Power supply lines	outdoor unit	mm²	3×1,5	3×1,5	3×2,5	3×2,5
Control lines	indoor-outdoor unit	mm²	4×1,5	4×1,5	4×1,5	4×1,5
Factory amount of refrigerant	up to 5 mb	kg	0,57	0,60	0,87	1,27
Additional amount of refrigerant	more than 5 meters	g/m	15	15	25	25

Unit Dimensions



Model	Dimensions [mm]					
	W	D	H	W1	A	B
KKOH-09RTA1	712	290	498	415	787	263
KKOH-12RTA1	735	305	549	434	810	278
KKOH-18RTA1	852	375	699	586	927	347,5
KKOH-24RTA1	903	421	803	607	978	390



Model	Dimensions [mm]		
	W	D	H
KKWI-09RTA1	808	209	305
KKWI-12RTA1	808	209	305
KKWI-18RTA1	909	209	305
KKWI-24RTA1	1096	222	333
KKWF-09RTA1	768	199	299
KKWF-12RTA1	827	199	299
KKWF-18RTA1	1140	288	334
KKWF-24RTA1	1140	288	334

Included in the set



KKOH-09/12/18/24 RTA1
Outdoor Unit



85TH
Remote
Controller with
Hotel Mode



WRCT01
Wireless
Controller
(optional)

Wall-mounted **Pro Heat+**

KRW-09/12/18/24TLHI
KRWB-09/12/18/24TLHO

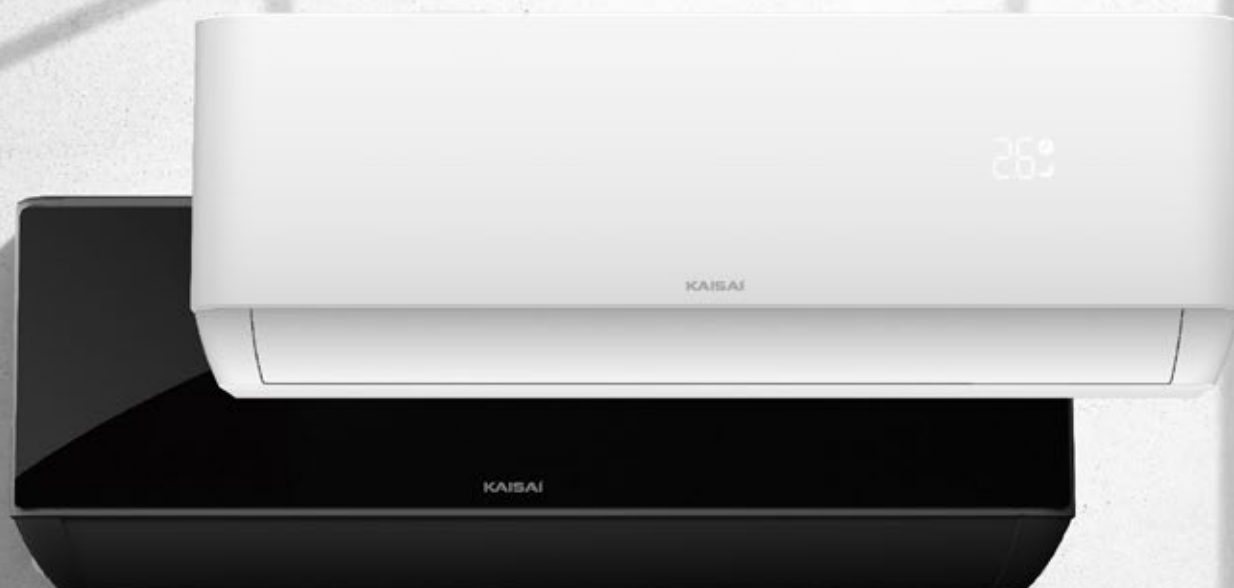
KRB-09/12/18/24TLHI
KRWB-09/12/18/24TLHO

The Kaisai Pro Heat+ is an advanced model designed for efficient heating and reliable year-round operation. Available in white and black, it combines a modern design with features engineered for use in demanding conditions.



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The use of compressor and drip tray heating ensures stable operation even at low outdoor temperatures. High energy efficiency helps reduce operating costs, while automatic cleaning features and Wi-Fi control enhance the convenience of everyday use. It's the perfect solution for those looking for an efficient heating source.



Kaisai Pro Heat+ Features

	Wide Temperature Range		High-Density Filter		Louver Position Memory		Refrigerant Leak Alarm		Cold Air Intake Control		Wi-Fi Control
	Double-Sided Installation		Easy installation		8°C Constant Heating Function		Heater condensate trays		Self-Cleaning Evaporator		3D Airflow
	Sleep Function		Timer		Eco		Gear Feature		Auto Restart		Remote Controller Temperature Sensor
	Electronic Pressure Relief Valve		Filter with silver ions		Gentle cooling		Self-Diagnosis		UVC Lamp		Turbo Mode
	Breeze Away Feature		Preheating		Port ON/OFF		Automatic Louver (Swing)		Single and Multi Split		Quiet Operation
	Golden Fins		Multifunction Remote Controller		Ionization		Modbus (optional)		Mode hotel		



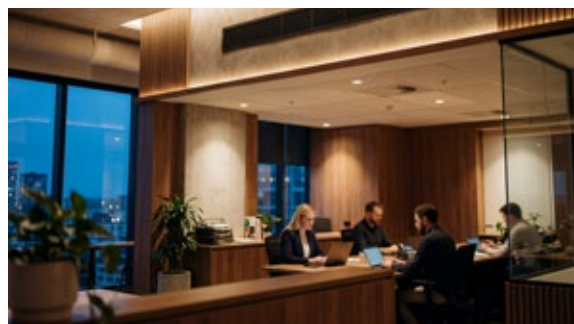
Wi-Fi Control

The Wi-Fi module lets you control your air conditioner using your phone or tablet from anywhere in the world.



Electronic Expansion Valve

An electronic expansion valve reduces the refrigerant pressure in a variable manner controlled by the controller. This allows for precise regulation of both the superheat value and the cooling/heating capacity.



Gentle Cooling Feature

More than 1,000 precisely positioned micro-holes evenly distribute a gentle stream of air, eliminating the sensation of a draft and providing comfortable, subtle cooling.



3D Airflow

Automatically controlled horizontal and vertical blinds ensure even temperature distribution and optimal air circulation.



Air Ionization

The ions emitted by the air conditioner break down dust mites, mold, bacteria, and viruses, eliminating them from the environment, and humidify the air, which has a positive effect on the skin and provides a pleasant feeling of freshness.



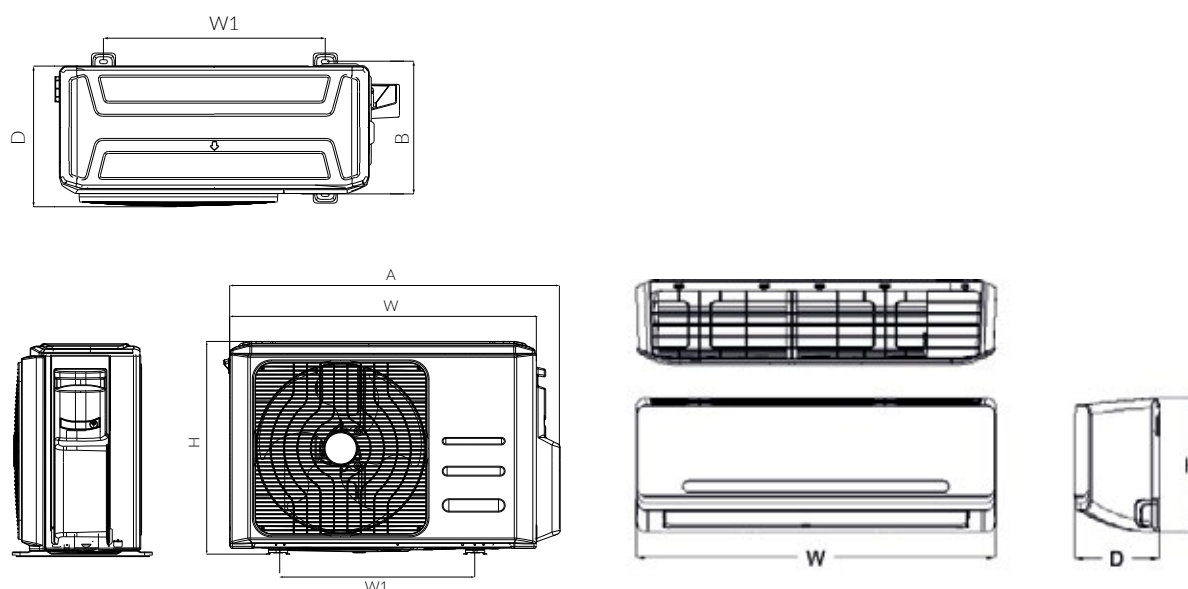
Silver-Ion Filter

It helps eliminate bacteria and other harmful microorganisms by using active silver ions, ensuring a high standard of air hygiene.

Technical Specifications

Pro Heat+	indoor unit – white		KRW-09TLHI	KRW-12TLHI	KRW-18TLHI	KRW-24TLHI
	indoor unit – black		KRB-09TLHI	KRB-12TLHI	KRB-18TLHI	KRB-24TLHI
	outdoor unit		KRWB-09TLHO	KRWB-12TLHO	KRWB-18TLHO	KRWB-24TLHO
Capacity average (min–max)	cooling	kW	2,6 (0,9÷3,7)	3,5 (1,0÷4,6)	5,2 (1,3÷5,9)	7 (1,8÷7,8)
	heating	kW	3,3 (0,9÷4,0)	3,9 (1,0÷4,9)	5,5 (1,3÷6,7)	7,1 (1,9÷8,0)
Energy efficiency class	cooling/heating		A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++
SEER	average	W/W	8,5	8,5	8,5	8,5
SCOP	average	W/W	4,6	4,7	4,6	4,7
Average electrical power consumption (min–max)	cooling	W	672 (240÷1380)	1051 (290÷1510)	1417 (330÷2350)	1940 (410÷2830)
	heating	W	860 (240÷1552)	963 (290÷1720)	1401 (340÷2540)	1810 (420÷3010)
Operating current average (min–max)	cooling	A	3,0 (1,2÷8,1)	4,8 (1,5÷9,2)	6,4 (1,7÷12,0)	8,7 (2,3÷15,5)
	heating	A	3,9 (1,2÷9,0)	4,0 (1,5÷10,0)	6,4 (1,7÷13,0)	8,0 (2,3÷16,0)
Airflow rate (Hi/Mi/Lo/Si)	indoor unit	m³/h	560	670	1000	1100
	outdoor unit	m³/h	2200	2200	3000	4000
Amount of moisture removed	indoor unit	L/h	1,2	1,5	1,8	2
Operating temperature cooling/heating	indoor unit	°C	17÷32/0÷30	17÷32/0÷30	17÷32/0÷30	17÷32/0÷30
	outdoor unit	°C	-15÷53/-25÷30	-15÷53/-25÷30	-15÷53/-25÷30	-15÷53/-25÷30
Sound pressure level	indoor unit	dB(A)	44/41/37/34/29/25/19	44/41/37/34/29/25/19	47/42/38/33/30/27/23	50/44/40/37/34/30/26
	outdoor unit	dB(A)	52	53	55	58
Net dimensions (W/H/D)	indoor unit	mm	820×306×195	820×306×195	920×306×195	1100×333×222
	outdoor unit	mm	787×498×290	810×549×305	927×699×380	978×803×421
Transport dimensions (W/H/D)	indoor unit	mm	890×380×265	890×380×265	990×380×265	1165×405×295
	outdoor unit	mm	818×520×325	835×575×328	949×732×392	1022×835×480
Net weight	indoor unit	kg	9,0	9,0	10,0	14,0
	outdoor unit	kg	22,0	24,0	38,0	45,0
Transport weight	indoor unit	kg	11,0	11,0	13,0	17,0
	outdoor unit	kg	24,0	26,0	41,0	49,5
Pipe diameter (liquid/gas)		mm (in)	6,35/9,52 (1/4/3/8)	6,35/9,52 (1/4/3/8)	6,35/12,7 (1/4/1/2)	6,35/12,7 (1/4/1/2)
Max. installation length		m	25	25	25	25
Max. high difference		m	10	10	10	10
Power supply	outdoor unit	V/Hz/Ph	220÷240/50/1	220÷240/50/1	220÷240/50/1	220÷240/50/1
Circuit breaker/fuse	outdoor unit	A	10	10	16	20
Power Cables	outdoor unit	fig. veins x mm²	3×1,5	3×1,5	3×2,5	3×2,5
Control cables	indoor-outdoor unit		4×1,5	4×1,5	4×1,5	4×1,5
Factory amount of refrigerant	up to 5 mb	kg	0,57	0,60	0,87	1,27
Additional amount of refrigerant	area: 5 mb	g/m	15	15	25	25

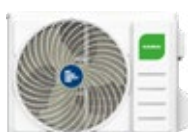
Unit Dimensions



Model	Dimensions [mm]					
	W	D	H	W1	A	B
KRWB-09TLHO	706	234	498	415	758	263
KRWB-12TLHO	726	252	549	433,8	778	278
KRWB-18TLHO	843	325,7	699	586	902,2	347,5
KRWB-24TLHO	904	353	803	607	966	390

Model	Dimensions [mm]		
	W	D	H
KRW-09TLHI	820	195	306
KRB-09TLHI	820	195	306
KRW-12TLH	820	195	306
KRB-12TLHI	820	195	306
KRW-18TLH	920	195	306
KRB-18TLHI	920	195	306
KRW-24TLH	1100	222	333
KRB-24TLHI	1100	222	333

Included in the set



KRWB-09/12/18/24 TLHO
Outdoor Unit



85T
Remote
Controller



WRCT01
Wireless
Controller
(optional)



85TH
Remote
Controller
(optional)

Wall-mounted **Air**

KKWK-09/12/18/24RTA1

KKOK-09/12/18/24RTA1

Kaisai Air is a modern and versatile model that combines ease of use with a high level of comfort. Its minimalist design and high energy efficiency make it ideal for both homes and small commercial spaces.

**R32**
REFRIGERANT**A⁺**
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The ECO function helps reduce energy consumption, and the 8°C heating mode prevents rooms from getting too cold. The evaporator self-cleaning function ensures hygienic operation, while the gold-coated fins, condensate tray heater, and compressor preheating enhance durability and ensure reliable year-round performance. Easy installation and convenient operation make the Air model a practical solution for everyday use.



Kaisai **Air** Features

 Wide Temperature Range	 High-Density Filter	 Louver Position Memory	 Golden Fins	 Controls Wi-Fi	 Double-Sided Installation
 Cold Air Intake Control	 8°C 8°C Constant Heating Function	 Heater condensate trays	 Emergency Use	 Self-Cleaning Evaporator	 Sleep Function
 Timer	 Eco	 Gear Feature	 Auto Restart	 Remote Controller Temperature Sensor	 Silver-Ion Filter
 Turbo Mode	 Breeze Away Feature	 Self-Diagnosis	 Port ON/OFF	 Quiet Operation	 Multifunction Remote Controller
 Single and Multi Split	 Refrigerant Leak Alarm	 Automatic Louver (Swing)	 Straight installation	 Mode hotel (options)	 Modbus (optional)



Wi-Fi Control

The Wi-Fi module lets you control your air conditioner using your phone or tablet from anywhere in the world.



Easy installation and maintenance

The circuit board in the air conditioner can be easily removed, which reduces maintenance time. The indoor unit features a durable mounting plate and a recessed compartment that provides ample space for refrigerant lines and wiring and allows for easier terminal connections, which significantly reduces installation time.



Self-Cleaning Evaporator

After the unit has finished operating, the air conditioner enters a cleaning mode and removes any moisture that may have accumulated in the indoor unit. This prevents the growth of microorganisms and mold.



Eco Mode

When the Eco function is enabled, the device consumes up to 60% less energy compared to conventional mode.



Condensate Tray Heater

The condensate tray heater prevents condensation from freezing and ensures continuous operation even during severe cold spells.



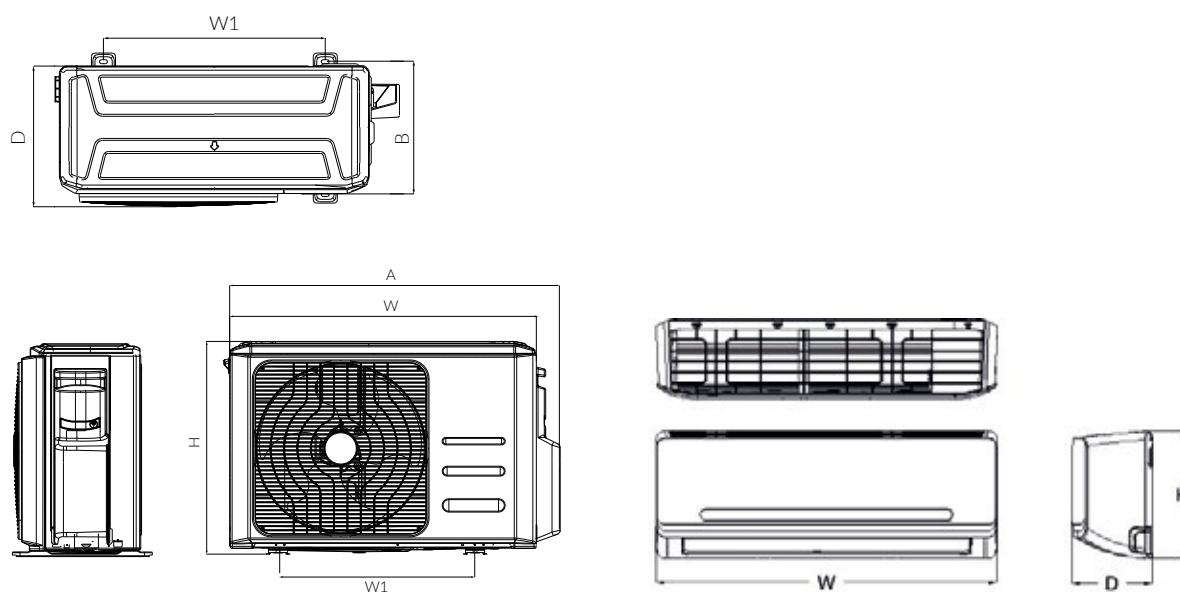
Heating at 8°C

When the user is away, the air conditioner in heating mode maintains a constant temperature of up to 8°C in the room, preventing it from getting too cold.

Technical Specifications

Air	indoor unit		KKWK-09RTA1	KKWK-12RTA1	KKWK-18RTA1	KKWK-24RTA1
	outdoor unit		KKOK-09RTA1	KKOK-12RTA1	KKOK-18RTA1	KKOK-24RTA1
Capacity average (min-max)	cooling	kW	2,6 (0,9÷3,3)	3,4 (1,0÷3,8)	5,1 (1,3÷5,9)	7,0 (1,5÷7,8)
	heating	kW	2,7 (1,0÷3,8)	3,4 (1,0÷3,8)	5,2 (1,3÷6,0)	7,1 (1,5÷7,9)
Energy efficiency class	cooling/ heating		A++/A+	A++/A+	A++/A+	A++/A+
SEER	average	W/W	6,4	6,1	6,8	6,4
SCOP	average	W/W	4,0	4,0	4,0	4,0
Electric power consumption average (min-max)	cooling	W	811 (240÷1380)	1130 (290÷1500)	1567 (330÷2350)	2324 (390÷2800)
	heating	W	726 (290÷1720)	1005 (290÷1720)	1376 (340÷2550)	2178 (390÷3000)
Operating current average (min-max)	cooling	A	5,4 (1,2÷8,0)	5,8 (1,5÷9,0)	6,9 (1,5÷12,0)	10,5 (1,8÷12,6)
	heating	A	4,8 (1,5÷9,0)	4,4 (1,5÷10,0)	6,2 (1,6÷13,0)	10,0 (1,8÷13,4)
Airflow rate (Hi/Mi/Lo/Si)	indoor	m³/h	550/520/490/450/ 410/370/330	550/520/490/450/ 410/370/330	800/760/690/630/ 580/540/440	1000/950/870/790/ 720/670/550
	outdoor	m³/h	1700	1700	2600	3000
Amount of moisture removed	indoor	L/h	1,0	1,2	1,8	2,4
Operating temperature cooling/heating*	indoor	°C	17÷32/0÷30	17÷32/0÷30	17÷32/0÷30	17÷32/0÷30
	outdoor	°C	-15÷53/-20÷30	-15÷53/-20÷30	-15÷53/-20÷30	-15÷53/-20÷30
Sound pressure level	indoor	dB(A)	42/38/36/32/30/26/22	42/38/36/32/30/26/22	47/43/40/37/34/31/27	48/46/44/41/39/36/30
	outdoor	dB(A)	54	54	55	57
Net dimensions (W/H/D)	indoor	mm	778×272×192	778×272×192	910×305×195	1005×321,5×220
	outdoor	mm	712×459×276	712×459×276	853×602×349	920×699×380
Transport dimensions (W/H/D)	indoor	mm	840×335×255	840×335×255	979×380×265	1096×390×297
	outdoor	mm	765×481×310	765×481×310	890×628×385	949×732×392
Net weight	indoor	kg	7,3	7,3	9,0	11,0
	outdoor	kg	20,0	20,0	30,0	38,0
Transport weight	indoor	kg	9,5	9,5	11,0	13,0
	outdoor	kg	22,0	22,0	32,5	40,5
Pipe diameter (liquid/gas)		mm (in)	6,35/9,52 (1/4/3/8)	6,35/9,52 (1/4/3/8)	6,35/9,52 (1/4/3/8)	6,35/12,7 (1/4/1/2)
Max. installation length		m	25	25	25	25
Max. high difference		m	10	10	10	10
Power supply	outdoor	V/Hz/Ph	220÷240/50/1	220÷240/50/1	220÷240/50/1	220÷240/50/1
Circuit breaker/fuse	outdoor	A	10	10	16	20
Power supply lines	outdoor	No. of wires × mm²	3x1,5	3x1,5	3x2,5	3x2,5
Control lines	indoor- outdoor	No. of wires × mm²	4x1,5	4x1,5	4x1,5	4x1,5
Factory amount of refrigerant	up to 5 mb	kg	0,52	0,52	0,78	1,14
Additional amount of refrigerant	area: 5 mb	g/m	15	15	25	25

Unit Dimensions



Model	Dimensions [mm]					
	W	D	H	W1	A	B
KKOK-09RTA1	660	224	459	362	712	256,2
KKOK-12RTA1	660	224	459	362	712	256,2
KKOK-18RTA1	794	288	602	516	846	314
KKOK-24RTA1	845	336	693	586	908	347,5

Model	Dimensions [mm]		
	W	D	H
KKWK-09RTA1	778	192	272
KKWK-12RTA1	778	192	272
KKWK-18RTA1	910	195	305
KKWK-24RTA1	1005	220	322

Included in the set



KKOK-09/12/18/24RTA1
Outdoor Unit



85TH
Remote
Controller
(optional)



WRCT01
Wired
Controller
(optional)



85TH
Remote
Controller (with
Hotel Mode)

Wall-mounted **Evo**

KEV-09/12/18/24TLHI
KEV-09/12/18/24TLHO

The Kaisai Evo is a modern wall-mounted air conditioner that combines high energy efficiency with reliable year-round operation. With its ability to heat effectively even at low outdoor temperatures, it ensures comfort regardless of the season.



R32
REFRIGERANT

A⁺
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A silver-ion filter and an evaporator self-cleaning function help maintain a healthy microclimate by limiting the growth of bacteria and mold. The gold-coated fins increase the unit's durability, while the Wi-Fi module, timer, and ECO mode enhance user convenience and help reduce energy consumption. It's a combination of performance, comfort, and modern technology.



Kaisai **Evo** Features

 Wide Temperature Range	 High-Density Filter	 Louver Position Memory	 Golden Fins	 Wi-Fi Control	 Double-Sided Installation
 Cold Air Intake Control	 8°C 8°C Constant Heating Function	 Condensate tray heater	 Emergency Use	 Self-Cleaning Evaporator	 Sleep Function
 Timer	 Eco	 Gear Feature	 Auto Restart	 Remote Controller Temperature Sensor	 Silver-Ion Filter
 Turbo Mode	 Breeze Away Feature	 Self-Diagnosis	 Port ON/OFF	 Quiet Operation	 Multifunction Remote Controller
 Single and Multi Split	 Refrigerant Leak Alarm	 Automatic Louver (Swing)	 Straight installation	 Hotel Mode (options)	 Modbus (optional)



Wi-Fi Control

The Wi-Fi module lets you control your air conditioner using your phone or tablet from anywhere in the world.



Easy installation and maintenance

The circuit board in the air conditioner can be easily removed, which reduces maintenance time. The indoor unit features a sturdy mounting plate and a recessed compartment that provides ample space for refrigerant lines and wiring and allows for easier terminal connections, which significantly reduces installation time.



Evaporator Self-Cleaning

After the unit has finished operating, the air conditioner enters a cleaning mode and removes any moisture that may have accumulated in the indoor unit. This prevents the growth of microorganisms and mold.



Eco Mode

When the Eco function is enabled, the device consumes up to 60% less energy compared to conventional mode.



Condensate Tray Heater

The condensate tray heater prevents condensation from freezing and ensures continuous operation even during severe cold spells.



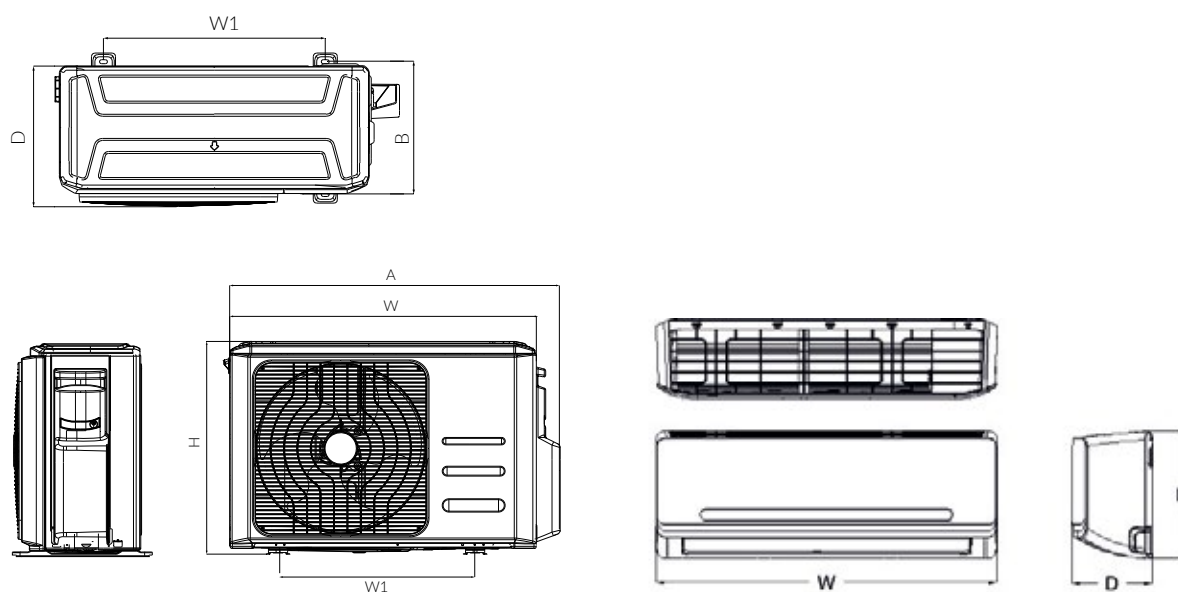
Heating at 8°C

When the user is away, the air conditioner in heating mode maintains a constant temperature of up to 8°C in the room, preventing it from getting too cold.

Technical Specifications

Evo	indoor unit		KEV-09TLHI	KEV-12TLHI	KEV-18TLHI	KEV-24TLHI
	outdoor unit		KEV-09TLHO	KEV-12TLHO	KEV-18TLHO	KEV-24TLHO
Capacity average (min-max)	cooling	kW	2,6 (0,9÷3,3)	3,4 (1,0÷3,8)	5,1 (1,3÷5,9)	7,0 (1,5÷7,8)
	heating	kW	2,7 (1,0÷3,8)	3,4 (1,0÷3,8)	5,2 (1,3÷6,0)	7,1 (1,5÷7,9)
Energy efficiency class	cooling/ heating		A++/A+	A++/A+	A++/A+	A++/A+
SEER	average	W/W	6,4	6,1	6,8	6,4
SCOP	average	W/W	4,0	4,0	4,0	4,0
Electric power consumption average (min-max)	cooling	W	811 (240÷1380)	1130 (290÷1500)	1567 (330÷2350)	2324 (390÷2800)
	heating	W	726 (290÷1720)	1005 (290÷1720)	1376 (340÷2550)	2178 (390÷3000)
Operating current average (min-max)	cooling	A	5,4 (1,2÷8,0)	5,8 (1,5÷9,0)	6,9 (1,5÷12,0)	10,5 (1,8÷12,6)
	heating	A	4,8 (1,5÷9,0)	4,4 (1,5÷10,0)	6,2 (1,6÷13,0)	10,0 (1,8÷13,4)
Airflow rate (Hi/Mi/Lo/Si)	indoor	m³/h	550/520/490/450/ 410/370/330	550/520/490/450/ 410/370/330	800/760/690/630/ 580/540/440	1000/950/870/790/ 720/670/550
	outdoor	m³/h	1700	1700	2600	3000
Amount of moisture removed	indoor	L/h	1,0	1,2	1,8	2,4
Operating temperature cooling/heating*	indoor	°C	17÷32/0÷30	17÷32/0÷30	17÷32/0÷30	17÷32/0÷30
	outdoor	°C	-15÷53/-20÷30	-15÷53/-20÷30	-15÷53/-20÷30	-15÷53/-20÷30
Sound pressure level	indoor	dB(A)	42/38/36/32/30/26/22	42/38/36/32/30/26/22	47/43/40/37/34/31/27	48/46/44/41/39/36/30
	outdoor	dB(A)	54	54	55	57
Net dimensions (W/H/D)	indoor	mm	778×272×192	778×272×192	910×305×195	1005×321,5×220
	outdoor	mm	712×459×276	712×459×276	853×602×349	920×699×380
Transport dimensions (W/H/D)	indoor	mm	840×335×255	840×335×255	979×380×265	1096×390×297
	outdoor	mm	765×481×310	765×481×310	890×628×385	949×732×392
Net weight	indoor	kg	7,3	7,3	9,0	11,0
	outdoor	kg	20,0	20,0	30,0	38,0
Transport weight	indoor	kg	9,5	9,5	11,0	13,0
	outdoor	kg	22,0	22,0	32,5	40,5
Pipe diameter (liquid/gas)		mm (in)	6,35/9,52 (1/4/3/8)	6,35/9,52 (1/4/3/8)	6,35/9,52 (1/4/3/8)	6,35/12,7 (1/4/1/2)
Max. installation length		m	25	25	25	25
Max. high difference		m	10	10	10	10
Power supply	outdoor	V/Hz/Ph	220÷240/50/1	220÷240/50/1	220÷240/50/1	220÷240/50/1
Circuit breaker/fuse	outdoor	A	10	10	16	20
Power supply lines	outdoor	No. of wires × mm²	3×1,5	3×1,5	3×2,5	3×2,5
Control lines	indoor-out- door	No. of wires × mm²	4×1,5	4×1,5	4×1,5	4×1,5
Factory amount of refrigerant	up to 5 mb	kg	0,52	0,52	0,78	1,14
Additional amount of refrigerant	area: 5 mb	g/m	15	15	25	25

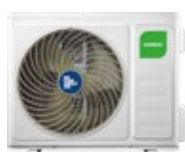
Unit Dimensions



Model	Dimensions [mm]					
	W	D	H	W1	A	B
KEV-09TLHO	660	224	459	362	712	256,2
KEV-12TLHO	660	224	459	362	712	256,2
KEV-18TLHO	794	288	602	516	846	314
KEV-24TLHO	845	336	693	586	908	347,5

Model	Dimensions [mm]		
	W	D	H
KEV-09TLHI	778	192	272
KEV-12TLHI	778	192	272
KEV-18TLHI	910	195	305
KEV-24TLHI	1005	220	322

Included in the set



KEV-09/12/18/24TLHO
Outdoor Unit



85T
Remote
Controller with
Hotel Mode

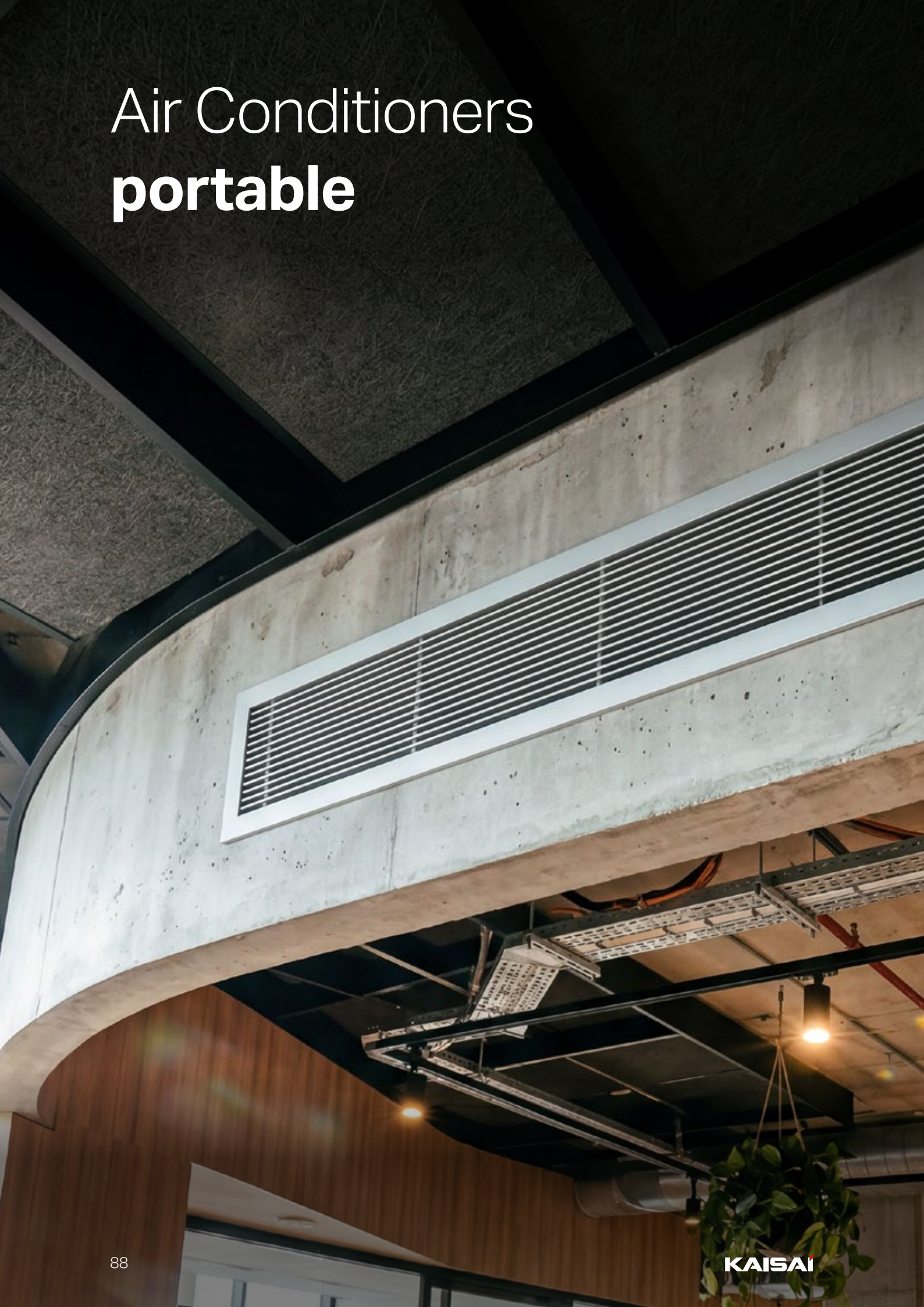


WRCT01
Wired
Controller
(optional)



85TH
Remote
Controller
(optional)

Air Conditioners **portable**





Kaisai portable air conditioners are a practical solution for those seeking comfort without the need to install a permanent system. Thanks to their compact design and portability, these units can be easily moved from room to room, allowing you to adjust their operation to your current needs.

These units effectively cool, heat, ventilate, and dehumidify the air, helping to maintain optimal conditions year-round. They are ideal for apartments, offices, and anywhere else where installing a split-type air conditioning system is difficult or impossible.

Its modern design, intuitive operation, and wireless remote control ensure convenient everyday use. Regular maintenance and cleaning help maintain the unit's high performance and ensure reliable operation for many seasons.



Kaisai KKPE
p. 90



Kaisai KKPA
p. 94



Kaisai KKPM
p. 98

Portable **KKPE**

KKPE-12PTA1

Kaisai KKPE Portable Air Conditioner – comfort all year round

The Kaisai KKPE portable air conditioner is a versatile 3-in-1 unit that effectively cools, heats, and dehumidifies the air, ensuring comfort all year round. Thanks to its portable design and simple installation, it's ideal for apartments, offices, and vacation homes. The model features automatic louvers, a timer, a sleep mode, and automatic restart after a power outage. The eco-friendly R290 refrigerant and high A/A+ energy efficiency rating ensure efficient and energy-saving operation.

**R290**
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CLASS



Kaisai KKPE Features



Timer



Automatic
Louver
(Swing)



Auto Restart



Sleep
Function



Self-Diag-
nosis



Turbo Mode

Wi-Fi Control

The timer allows you to set the times when the air conditioner will turn on and off automatically.



Automatic Restart

During a power outage, the air conditioner saves the last settings and restores them when power is restored. There is no need to reprogram the unit after every power outage.



Sleep Function

Within 2 hours, the unit raises (or lowers, in heating mode) the set temperature by 1°C per hour, while the fan runs at low speed. This reduces electricity consumption, and the air conditioning system ensures optimal comfort for the user.

Technical Specifications

Model	indoor unit		KKPE-12PTA1
Capacity avg.	cooling	kW	3,5
	heating	kW	3,2
Energy efficiency class	cooling/heating		A/A+
EER	average	W/W	2,6
COP	average	W/W	2,8
Electric power consumption	cooling	W	1345
	heating	W	1130
Operating current	cooling	A	6,0
	heating		5,1
Airflow rate (Hi/Mi/Lo/Si)	m³/h		390/280
Operating temperature	°C		17÷35
Sound pressure level	dB(A)		53/51
Net dimensions (W/H/D)	mm	358×688×419	
Transport dimensions (W/H/D)		396×865×460	
Net weight	kg	27,5	
Transport weight		31,0	
Electrical Power supply	V/Hz/Ph		220÷240/50/1
Amount of R290 refrigerant	kg		0,2
Amount of moisture removed	l/h		1,7

Included in the set



KWA-HQ
Remote
Controller

Portable **KKPA**

KKPA-12PAA1

Kaisai KKPA Small, Portable Air Conditioner

The Kaisai KKPA portable air conditioner is a compact 3-in-1 unit that cools, heats, and dehumidifies the air, ensuring year-round comfort. With a cooling capacity of 3.4 kW and an energy efficiency rating of A/A+, it's ideal for apartments, offices, and vacation homes. Automatic louvers distribute air evenly, while the Sleep mode, timer, and automatic restart features enhance user convenience. Its portable design, remote control, and eco-friendly R290 refrigerant make the KKPA model a practical and modern solution that doesn't require permanent installation.



R290
REFRIGERANT

A
CLASS





Features of **Kaisai KKPA**



Timer



Automatic
Louver
(Swing)



Auto Restart



Sleep
Function



Self-Diag-
nosis



Turbo Mode

Wi-Fi Control

The Wi-Fi module lets you control your air conditioner using your phone or tablet from anywhere in the world.



Automatic Restart

During a power outage, the air conditioner saves the last settings and restores them when power is restored. There is no need to reprogram the unit after every power outage.



Sleep Function

Within 2 hours, the unit raises (or lowers, in heating mode) the set temperature by 1°C per hour, while the fan operates at low speed. This reduces electricity consumption, and the air conditioning system provides optimal comfort for the user.

Technical Specifications

Model		KKPA-12PAA1	
Capacity avg.	refrigeration	kW	3,4
	heating	kW	2,8
Energy efficiency class	cooling/heating		A/A+
EER	average	W/W	2,6
COP	average		2,6
Electric Power Consumption	cooling	kW	1,3
	heating	kW	1,1
Operating current	cooling	A	6,0
	heating	A	4,5
Airflow rate (Hi/Mi/Lo/Si) W/N		m ³ /h	450
Operating temperature		°C	17÷35
Sound Pressure Level W/S/N		dB(A)	52
Net Dimensions (W/H/D)		mm	452×794×403
Transport dimensions (W/H/D)		mm	497×885×445
Net weight		kg	32,0
Transport weight		kg	37,0
Electrical Power supply		V/Hz/Ph	220÷240/50/1
Amount of R290 refrigerant		kg	0,22
Amount of moisture removed		l/h	2,3

Included in the set



KWA-T2
Remote
Controller

Portable **KKPM**

KKPM-12PRA1

Kaisai KKPM Small, Portable Air Conditioner

The Kaisai KKPM is a portable air conditioner designed for users who want a convenient and multifunctional device for year-round climate control. With its 3-in-1 functionality, this model effectively cools, heats, and dehumidifies the air, ensuring comfortable conditions during both the summer heat and cooler days.



R290
REFRIGERANT

A
CLASS





Kaisai KKPM Features



Timer



Automatic
Louver
(Swing)



Auto Restart



Sleep
Function



Self-Diag-
nosis



Turbo Mode



Automatic louver

The automatic operation of horizontal blinds significantly improves air distribution in the room.



Automatic Restart

During a power outage, the air conditioner saves the last settings and restores them when power is restored. There is no need to reprogram the unit after every power outage.



Compact dimensions

Thanks to the well-designed components, the air conditioner is compact while maintaining full performance.

Technical Specifications

Model	indoor unit		KKPM-12PRA1
Capacity avg.	cooling	kW	3,5
	heating	kW	2,9
Energy efficiency class	cooling/heating		A/A+
EER	average	W/W	2,6
COP	average	W/W	2,6
Electric power consumption	cooling	W	1350
	heating	W	1125
Operating current	cooling	A	5,9
	heating		5,0
Airflow rate (Hi/Mi/Lo/Si)	m³/h		402/342/296
Operating temperature	°C		17÷35
Sound pressure level	dB(A)		52/51/50
Net dimensions (W/H/D)	mm		443×728×349
Transport dimensions (W/H/D)			477×887×385
Net weight	kg		32,4
Transport weight			35,2
Electrical Power supply	V/Hz/Ph		220÷240/50/1
Amount of R290 refrigerant	kg		0,25
Amount of moisture removed	l/h		2,3

Included in the set



RG51
Remote
Controller

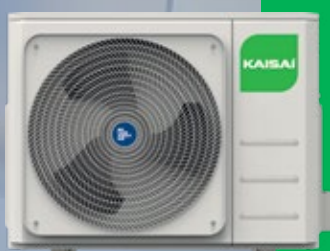
Multi Split Series

Multi Split Series



Kaisai Multi Split systems are an energy-efficient and flexible solution that allows you to cool or heat multiple rooms using just one outdoor unit. Depending on your needs, you can connect 2 to 5 indoor units to a single outdoor unit, creating a system perfectly tailored to the building's layout.

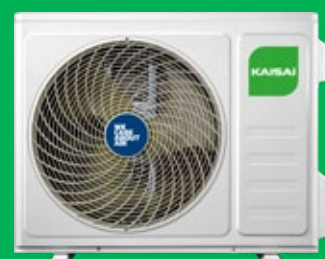
Each indoor unit operates independently, allowing for individual temperature control and the adjustment of operating parameters to meet the needs of users in specific rooms. Multi-Split systems reduce the number of outdoor units on a building's facade while maintaining high energy efficiency, aesthetic appeal, and user comfort.



Multi Split
M-line, p. 104



Multi Split
M-line, p. 112



Multi Split
T-line, p. 118

Multi Split **M-line**

K2OE-18HFN32H / K30A-27HFN32H / K4OE-28HFN32H
/ K40B-36HFN32H / K5OE-42HFN32H

The M-LINE series offers solutions compatible with wall-mounted, cassette, duct-mounted, and console units, providing great flexibility in system design.



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Kaisai Multi Split M-line

Indoor Units



FLY KWX-09/12/18/24KRHI

WI-FI AS STANDARD

MODEL			KWX-09KRHI	KWX-12KRHI	KWX-18KRHI	KWX-24KRHI
Power supply		V/Hz/Ph	220÷240/50/1	220÷240/50/1	220÷240/50/1	220÷240/50/1
Capacity	cooling	kW	2,6	3,5	5,3	7,0
	heating	kW	2,9	3,8	5,6	7,3
Airflow rate (Hi/Mi/Lo/Si)		m³/h	435/333/259	530/430/310	840/680/540	980/817/662
Sound pressure level	(Hi/Mi/Lo/Si)	dB(A)	37/32/25/21,5	39,5/35,5/25/21,5	42,5/36/26/20	45/40,5/36/30
Dimensions (W/H/D)	net	mm	715/285/194	805/285/194	957/302/213	1040/327/220
	transport	mm	780/365/270	870/365/270	1035/385/295	1120/405/315
Weight	net	kg	6,7	7,3	10,0	12,3
	transport	kg	8,8	9,5	13,0	15,8
Pipe diameter	liquid	mm (in)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	9,52 (3/8)
	gas	mm (in)	9,52 (3/8)	9,52 (3/8)	12,70 (1/2)	15,90 (5/8)



FLY+ KKWX-07/09/12/18/24RRA1

WI-FI AS STANDARD

MODEL			KKWX-07RRA1	KKWX-09RRA1	KKWX-12RRA1	KKWX-18RRA1	KKWX-24RRA1
Power supply		V/Hz/Ph	220÷240,50,1	220÷240,50,1	220÷240/50/1	220÷240/50/1	220÷240/50/1
Capacity	cooling	kW	2	2,6	3,5	5,2	7
	heating		2,3	2,9	3,8	5,4	7,3
Airflow rate (Hi/Mi/Lo/Si)		m³/h	490/360/300/140	510/380/300/140	590/420/340/190	800/600/470/340	1039/752/606/400
Sound pressure level	(Hi/Mi/Lo/Si)	dB(A)	38/32/23/18	38,5/33/23,5/19	39/32/24/20	43/35,5/33,5/20	45/39,5/36/20
Dimensions (W/H/D)	net	mm	723×286×199	723×286×199	813×289×201	975×308×218	1055×330×231
	transport		780×365×270	780×365×270	870×365×270	1035×385×295	1130×310×405
Weight	net	kg	6,9	7,0	7,4	10,3	12,4
	transport		9,1	9,2	9,7	13,3	15,9
Pipe diameter	liquid	mm (in)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	9,52 (3/8)
	gas	mm (in)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	12,70 (1/2)	15,90 (5/8)

Kaisai Multi Split M-line

Indoor Units



GEO KGE-09/12/18/24GRHI

WI-FI AS STANDARD

MODEL			KGE-09GRHI	KGE-12GRHI	KGE-18GRHI	KGE-24GRHI
Power supply		V/Hz/Ph	220÷240/50/1	220÷240/50/1	220÷240/50/1	220÷240/50/1
Capacity	cooling	kW	2,6	3,5	5,3	7,0
	heating	kW	2,9	3,8	5,6	7,3
Airflow rate (Hi/Mi/Lo/Si)		m³/h	483/362/303	584/477/395	730/500/420	1020/830/640
Sound pressure level (Hi/Mi/Lo/Si)		dB(A)	36,5/29/24	39,5/33/25	43/33,5/28	47/41,5/30,5
Dimensions (W/H/D)	net	mm	802/297/189	802/297/189	965/319/215	1080/335/226
	transport	mm	875/380/285	875/380/285	1045/410/305	1155/415/320
Weight	net	kg	8,6	8,6	10,9	13,7
	transport	kg	11,1	11,1	14,2	17,3
Pipe diameter	liquid	mm (in)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	9,52 (3/8)
	gas	mm (in)	9,52 (3/8)	9,52 (3/8)	12,70 (1/2)	15,90 (5/8)



ICE KLB-09/12/18/24HRHI / KLB-09/12/18/24KRHI

WI-FI AS STANDARD

MODEL			KLB-09HRHI KLB-09KRHI	KLB-12HRHI KLB-12KRHI	KLB-18HRHI KLB-18KRHI	KLB-24HRHI KLB-24KRHI
Power supply		V/Hz/Ph	220÷240/50/1	220÷240/50/1	220÷240/50/1	220÷240/50/1
Capacity	cooling	kW	2,6	3,5	5,3	7,0
	heating	kW	2,9	3,8	5,6	7,3
Airflow rate (Hi/Mi/Lo/Si)		m³/h	510/360/300	520/370/310	800/600/500	1090/770/610
Sound pressure level (Hi/Mi/Lo/Si)		dB(A)	37/31/22/19	39/33/22/21	41/37/31/20	46/37/34,5/21
Dimensions (W/H/D)	net	mm	835x295x208	835x295x208	969x320x241	1083x336x244
	transport	mm	905x355x290	905x355x290	1045x405x315	1155x415x315
Weight	net	kg	8,7	8,7	11,2	13,6
	transport	kg	11,5	11,5	14,6	17,3
Pipe diameter	liquid	mm (in)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	9,52 (3/8)
	gas	mm (in)	9,52 (3/8)	9,52 (3/8)	12,70 (1/2)	15,90 (5/8)

Kaisai Multi Split M-line

Indoor Units



KKR7-12RRA1 / KKR7-18RRA1

Model			KKR7-12RRA1	KKR7-18RRA1
Power supply		V/Hz/Ph	220÷240/50/1	220÷240/50/1
Capacity	cooling	kW	5,3	5,3
	heating	kW	5,6	5,6
Airflow rate (Hi/Mi/Lo/Si)		m³/h	911/706/515	911/706/515
Sound pressure level	(Hi/Mi/Lo/Si)	dB(A)	41/38/34/26	41/38/34/26
Available capacity	factory / max.	Bye	25/100	25/100
Dimensions (W/H/D)	net	mm	880/210/674	880/210/674
	transport	mm	1070/280/725	1070/280/725
Weight	net	kg	24,4	24,4
	transport	kg	29,6	29,6
Pipe diameter	liquid	mm (in)	6,35 (1/4)	6,35 (1/4)
	gas	mm (in)	12,70 (1/2)	12,70 (1/2)



KTI-18HWH32X

Model			KTI-18HWH32X
Power supply		V/Hz/Ph	220÷240/50/1
Capacity	cooling	kW	5,3
	heating	kW	5,6
Airflow rate (Hi/Mi/Lo/Si)		m³/h	911/706/515
Sound pressure level	(Hi/Mi/Lo/Si)	dB(A)	41/38/34/26
Available capacity	factory / max.	Bye	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 (in)	6,35 (1/4)
	gas	mm (in)	12,70 (1/2)



KFAU-12HRG32X

Model			KFAU-12HRG32X
Power supply		V/Hz/Ph	220÷240/50/1
Capacity	cooling	kW	3,5
	heating	kW	3,8
Airflow rate (Hi/Mi/Lo/Si)		m³/h	650/580/490
Sound pressure level	(Hi/Mi/Lo/Si)	dB(A)	37/34/27
Available capacity	factory / max.	Bye	
Dimensions (W/H/D)	net	mm	794/621/206
	transport	mm	865/719/280
Weight	net	kg	14,9
	transport	kg	18,8
Pipe diameter	liquid	mm (in)	6,35 (1/4)
	gas	mm (in)	9,52 (3/8)

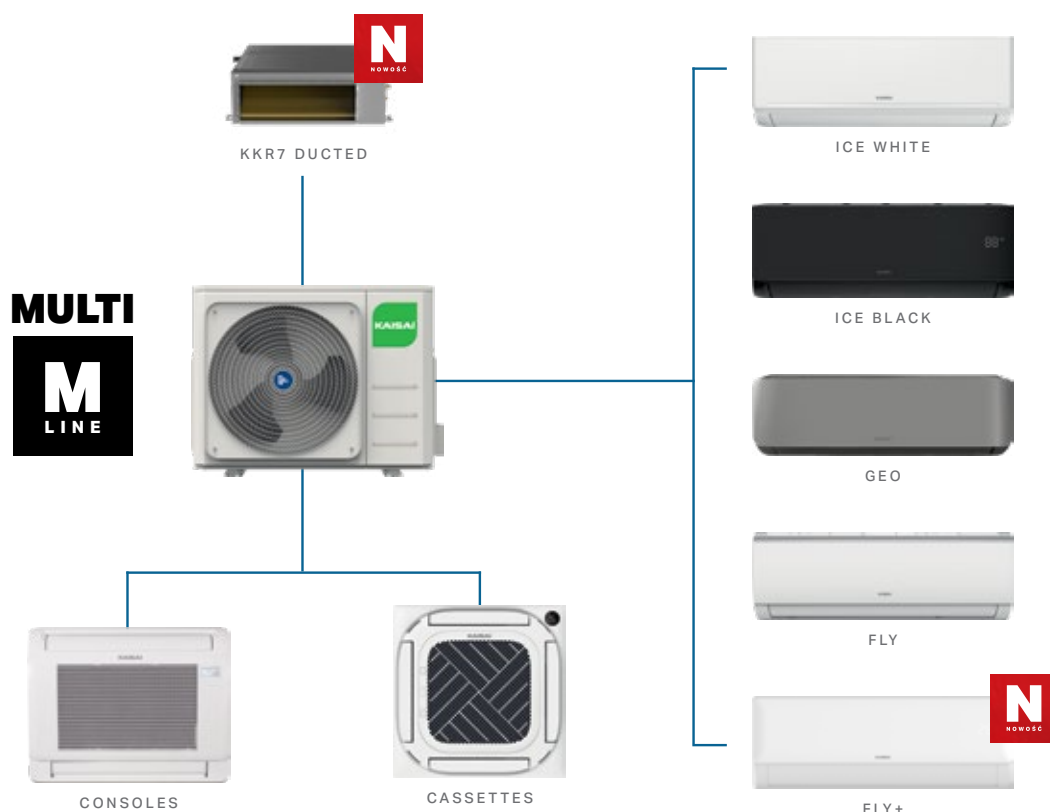
Kaisai Multi Split M-line

Indoor Units



KCA4U-09/12/18HRG32X

Model			KCA4U-09HRG32X	KCA4U-12HRG32X	KCA4U-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
Airflow rate (Hi/Mi/Lo/Si)		m³/h	500/460/400	620/520/330	660/540/300
Sound pressure level (Hi/Mi/Lo/Si)		dB(A)	37/35,5/33	42/38,5/31,5/25,5	44/41/31,5/25
Dimensions (W/H/D) of the indoor unit	net	mm	570/245/570	570/245/570	570/245/570
	transport	mm	715/295/640	715/295/640	715/295/640
Panel dimensions (W/H/D)	net	mm	620/50/620	620/50/620	647/50/647
	transport	mm	715/115/700	715/115/700	715/115/700
Weight per unit / panel	net	kg	14,6/2,7	16,1/2,7	16,2/2,7
	transport	kg	17,5/4,3	18,8/4,3	19/4,3
Pipe diameter	liquid	mm (in)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)
	gas	mm (in)	9,52 (3/8)	9,52 (3/8)	12,70 (1/2)



Kaisai **Multi Split M-line**

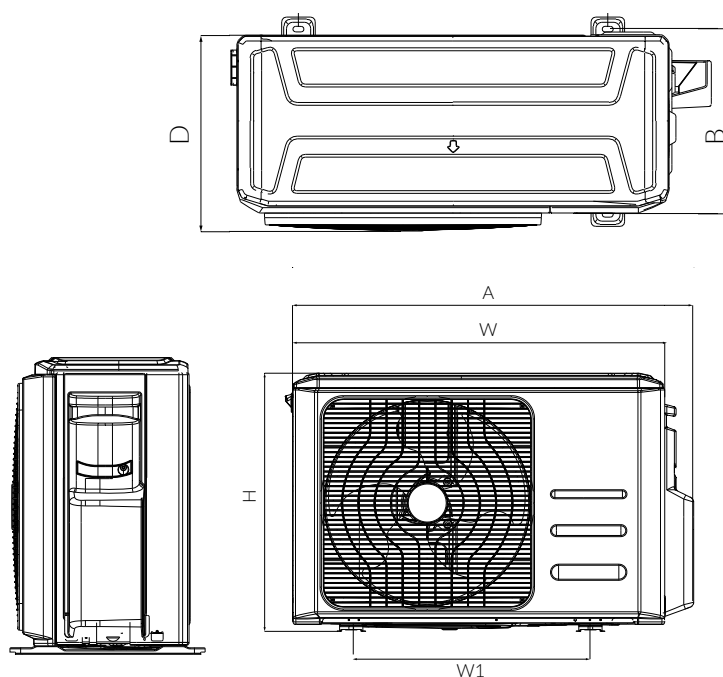
Outdoor Units



Technical Specifications

Model	outdoor unit		K2OE-18HFN32H	K30A-27HFN32H	K4OE-28HFN32H	K4OB-36HFN32H	K5OE-42HFN32H
Capacity average (min-max)	cooling	kW	5,3 (2,3÷5,7)	7,9 (3,2÷8,2)	8,2 (2,0÷9,8)	10,6 (2,0÷12,7)	12,3 (3,0÷12,3)
	heating	kW	5,6 (2,4÷5,7)	8,2 (2,3÷8,5)	8,8 (2,4÷10,6)	10,8 (2,3÷13,0)	12,3 (3,5÷12,3)
Energy efficiency class	cooling/ heating		A++/A+	A++/A+	A++/A	A++/A	A++/A
SEER	average	W/W	6,1	6,1	6,1	6,2	6,1
SCOP	average	W/W	3,8	4,0	3,8	3,8	3,5
Electric power consumption average (min-max)	cooling	W	1635 (690÷2000)	2450 (290÷3100)	2540 (890÷3180)	3270 (1140÷4090)	3810 (280÷4650)
	heating	W	1500 (600÷1780)	2210 (370÷2900)	2200 (770÷2750)	2760 (970÷3450)	3300 (650÷3800)
Operating current average (min-max)	cooling	A	7,3 (3,2÷9,0)	11,2 (2,0÷13,5)	11,3 (3,9÷14,1)	14,3 (5,1÷18,2)	16 (1,4÷20,7)
	heating	A	6,6 (2,8÷8,0)	10,1 (2,4÷13,0)	9,8 (3,4÷12,2)	12,1 (4,3÷15,3)	14,6 (3,0÷16,6)
Airflow rate (Hi/Mi/Lo/Si)		m³/h	2100	3000	3800	4000	3850
Operating temperature (cooling/heating)		°C	-15+50/-15+24	-15+50/-15+24	-15+50/-15+24	-15+50/-15+24	-15+50/-15+24
Sound pressure level		dB(A)	54	58	61,5	63	64
Net dimensions (W/H/D)		mm	805/554/330	890/673/342	946/810/410	946/810/410	946/810/410
Dimensions (W/H/D)		mm	915/615/370	1030/750/438	1090/875/500	1090/875/500	1090/875/500
Net weight		kg	35,0	48,0	62,1	68,8	74,1
Transport weight		kg	38,0	51,8	67,7	75,6	79,5
Pipe diameter (liquid/gas)		mm (in)	2×6,35/9,52 (2×1/4/3/8)	3×6,35/9,52 (3×1/4/3/8)	3×6,35/9,52 (3×1/4/3/8) +1×6,35/12,7 (1×1/4/1/2)	3×6,35/9,52 (3×1/4/3/8) +1×6,35/12,7 (1×1/4/1/2)	4×6,35/9,52 (4×1/4/3/8) +1×6,35/12,7 (1×1/4/1/2)
Max. system length		m	40	60	80	80	80
Max. installation length for 1 indoor unit		m	25	30	35	35	35
Max. high difference		m	15	15	15	15	15
Power supply		V/Hz/Ph	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1	220-240/50/1
Circuit breaker/fuse		A	16	20	25	25	25
Power supply lines	fig. veins x mm²		3×2,5	3×2,5	3×4,0	3×4,0	3×4,0
Control lines			4×1,5	4×1,5	4×1,5	4×1,5	4×1,5
Factory amount of refrigerant		kg	1,25	1,85	2,10	2,10	2,90
Additional amount of refrigerant		g/m	12 (for installations longer than 15 m)	12 (for installations longer than 22.5 m)	12 (for installations longer than 30 m)	12 (for installations longer than 30 m)	12 (for installations over 37.5 m)

Unit Dimensions



Model	W	D	H	W1	A	B
K2OE-18HFN32H	805	330	554	511	877	317
K3OA-27HFN32H	890	342	673	663	990	354
K4OE-28HFN32H	946	410	810	673	1034	403
K4OB-36HFN32H	946	410	810	673	1034	403
K5OE-42HFN32H	946	410	810	673	1034	403

Multi Split **M-line**

High
EFFICIENCY

KKO2-18RRA1 / KKO3-27RRA1

The Kaisai M-Line High Efficiency systems are an advanced multi-split solution designed for users who expect maximum energy efficiency and a high level of comfort.

This series features a new generation of KKO outdoor units, which deliver even better performance and higher efficiency in both cooling and heating modes.

You can connect 2 to 3 wall-mounted units to a single outdoor unit, creating a flexible system tailored to the building's needs. Each indoor unit operates independently, allowing for individual temperature control in each room. By limiting the number of outdoor units, the system helps maintain the aesthetic appeal of the building's facade while offering high energy efficiency and year-round comfort.



R32
REFRIGERANT

A⁺
CLASS

Kaisai Multi Split M-line HE

Indoor Units



ICE KLV-09/12/18/24HRHI / KLB-09/12/18/24KRHI

WI-FI AS STANDARD

MODEL			KLV-09HRHI KLB-09KRHI	KLV-12HRHI KLB-12KRHI	KLV-18HRHI KLB-18KRHI	KLV-24HRHI KLB-24KRHI
Power supply	V/Hz/Ph		220÷240/50/1	220÷240/50/1	220÷240/50/1	220÷240/50/1
Capacity	cooling	kW	2,6	3,5	5,3	7,0
	heating	kW	2,9	3,8	5,6	7,3
Airflow rate (Hi/Mi/Lo/Si)		m³/h	510/360/300	520/370/310	800/600/500	1090/770/610
Sound pressure level	(Hi/Mi/Lo/Si)	dB(A)	37/31/22/19	39/33/22/21	41/37/31/20	46/37/34,5/21
Dimensions (W/H/D)	net	mm	835x295x208	835x295x208	969x320x241	1083x336x244
	transport	mm	905x355x290	905x355x290	1045x405x315	1155x415x315
Weight	net	kg	8,7	8,7	11,2	13,6
	transport	kg	11,5	11,5	14,6	17,3
Pipe diameter	liquid	mm (in)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)
	gas	mm (in)	9,52 (3/8)	9,52 (3/8)	12,7 (1/2)	15,9 (5/8)



GEO KGE-09/12/18/24GRHI

WI-FI AS STANDARD

MODEL			KGE-09GRHI	KGE-12GRHI	KGE-18GRHI	KGE-24GRHI
Power supply	V/Hz/Ph		220÷240/50/1	220÷240/50/1	220÷240/50/1	220÷240/50/1
Capacity	cooling	kW	2,6	3,5	5,3	7,0
	heating	kW	2,9	3,8	5,6	7,3
Airflow rate (Hi/Mi/Lo/Si)		m³/h	483/362/303	584/477/395	730/500/420	1020/830/640
Sound pressure level	(Hi/Mi/Lo/Si)	dB(A)	36,5/29,0/24,0	39,5/33/25	43/33,5/28	47/41,5/30,5
Dimensions (W/H/D)	net	mm	802/297/189	802/297/189	965/319/215	1080/335/226
	transport	mm	875/380/285	875/380/285	1045/410/305	1155/415/320
Weight	net	kg	8,6	8,6	10,9	13,7
	transport	kg	11,1	11,1	14,2	17,3
Pipe diameter	liquid	mm (in)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	9,52 (3/8)
	gas	mm (in)	9,52 (3/8)	9,52 (3/8)	12,7 (1/2)	15,9 (5/8)

Kaisai Multi Split M-line HE

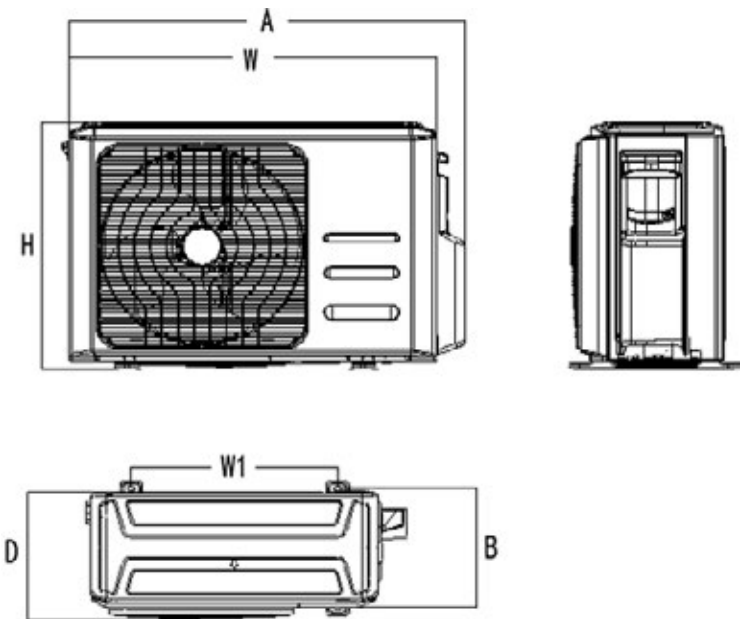
Outdoor Units



Technical Specifications

Model	outdoor unit		KKO2-18RRA1	KKO3-27RRA1
Capacity average (min-max)	cooling	kW	5,3 (2,3÷5,6)	7,9 (2,5÷8,2)
	heating	kW	5,3 (2,0÷6,5)	8,2 (2,1÷8,4)
Energy efficiency class	cooling/heating		A++/A++	A++/A++
SEER	average	W/W	7,8	8,0
SCOP	average	W/W	4,6	4,6
Electric power consumption average (min-max)	cooling	W	1280 (250÷1470)	2082 (250÷2300)
	heating	W	1260 (260÷1790)	2159 (260÷2300)
Operating current average (min-max)	cooling	A	6,0 (2,2÷6,7)	9,3 (2,1÷10,5)
	heating	A	5,9 (2,3÷8,0)	10,0 (2,2÷10,5)
Airflow rate (Hi/Mi/Lo/Si)		m³/h	3000	4000
Cooling/Heating System		°C	-15÷50/-15÷24	-15÷50/-15÷24
Sound pressure level		dB(A)	59	62
Net dimensions (W/H/D)		mm	890×673×342	946×810×410
Transport dimensions (W/H/D)		mm	1030×750×438	1090×885×500
Net weight		kg	45,0	61,0
Transport weight			48,5	66,0
Pipe diameter (liquid/gas)		mm (in)	2×6,35/9,52 (1/4/3/8)	3×6,35/2×9,52 +1×12,7 (3×1/4/2×3/8 +1×1/2)
Max. installation length			40	60
Maximum installation length for 1 indoor unit		m	25	25
Max. high difference			15	15
Electrical Power supply		V/Hz/Ph	220÷240/50/1	220÷240/50/1
Electrical Protection		A	10	16
Power supply lines	No. of wires × mm²		3×2,5	3×2,5
Control lines			4×1,5	4×1,5
Factory amount of refrigerant		kg	1,5	1,85
Additional amount of refrigerant		g/m	12 (for installations longer than 15 m)	12 (for installations longer than 22.5 m)

Unit Dimensions



Dimensions [mm]						
Model	W	D	H	W1	A	B
KKO2-18RRA1	890	342	673	663	990	348
KKO3-27RRA1	946	410	810	673	1034	403

MULTI
M
LINE
High
EFFICIENCY



Configuration Table

Multi Split and Multi Split HE indoor units

The table shows the possible options for connecting indoor units of various capacities to specific outdoor units. The numbers in the table correspond to the units' capacity, expressed in thousands of BTU/h.

K2OE-18HFN32H / KKO2-18RRA1

1 Unit	2 Units
7	7+7 9+9
9	7+9 9+12
12	7+12 12+12
18	

K3OA-27HFN32H / KKO3-27RRA1

1 Unit	2 Units	3 Units
7	7+7 7+18 9+18	7+7+7 7+9+12 9+9+12
9	7+9 9+9 12+12	7+7+9 7+12+12 9+12+12
12	7+12 9+12 12+18	7+7+12 9+9+9 12+12+12
18		7+9+9

K4OE-28HFN32H

1 Unit	2 Units	3 Units	4 Units
7	7+7 9+9 12+12	7+7+7 7+9+12 9+9+12	7+7+7+7 7+9+9+9
9	7+9 9+12 12+18	7+7+9 7+9+18 9+12+18	7+7+7+9 7+9+9+12
12	7+12 9+18 12+24	7+7+12 7+12+12 9+12+12	7+7+7+12 9+9+9+9
18	7+18 9+24 18+18	7+7+18 9+9+9 12+12+12	7+7+9+9
24	7+24	7+9+9	

K4OB-36HFN32H

1 Unit	2 Units	3 Units
7	7+7 9+9 12+12	7+7+7 7+9+12 9+18+18 9+12+18
9	7+9 9+12 12+18	7+7+9 7+9+18 9+9+9 9+12+24
12	7+12 9+18 12+24	7+7+12 7+9+24 9+9+12 9+18+18
18	7+18 9+24 18+18	7+7+18 7+12+12 9+9+18 12+12+12
24	7+24	7+9+24 7+12+18 9+9+24 12+12+18
		7+9+9 7+12+24 9+12+12
4 Units		
7+7+7+7	7+7+9+12	7+9+9+12 9+9+9+12
7+7+7+9	7+7+9+12	7+9+9+18 9+9+9+18
7+7+7+12	7+7+12+12	7+9+12+12 9+9+12+12
7+7+7+18	7+7+12+18	7+12+12+12 9+12+12+12
7+7+9+9	7+9+9+9	9+9+9+9 12+12+12+12

K5OE-42HFN32H

1 Unit	2 Units	3 Units
7	7+7 9+9 12+12	7+7+7 7+9+9 7+12+18 9+9+18 9+18+18
9	7+9 9+12 12+18	7+7+9 7+9+12 7+12+24 9+9+24 12+12+12
12	7+12 9+18 12+24	7+7+12 7+9+18 7+18+18 9+12+12 12+12+18
18	7+18 9+24 18+18	7+7+18 7+12+24 9+9+9 9+12+18 12+12+24
24	7+24	7+9+24 7+12+12 9+9+12 9+12+24 12+18+18
4 Units		
7+7+7+7	7+7+9+9 7+7+12+18	7+9+9+18 7+9+18+18 9+9+9+18 9+12+12+12
7+7+7+9	7+7+9+12 7+7+12+24	7+9+9+24 7+12+12+12 9+9+9+24 9+12+12+18
7+7+7+12	7+7+9+18 7+7+18+18	7+9+12+12 7+12+12+18 9+9+12+12 12+12+12+12
7+7+7+18	7+7+9+24 7+9+9+9	7+9+12+18 9+9+9+9 9+9+12+18 12+12+12+18
7+7+7+24	7+7+12+12 7+9+9+12	7+9+12+24 9+9+9+12 9+9+12+24
5 Units		
7+7+7+7+7	7+7+7+9+18	7+7+9+12+12 7+9+9+9+18 9+9+9+12+12
7+7+7+7+9	7+7+7+12+12	7+7+9+12+18 7+9+9+12+12 9+9+12+12+12
7+7+7+7+12	7+7+7+12+18	7+7+12+12+12 7+9+12+12+18
7+7+7+7+18	7+7+9+9+9	7+7+12+12+18 9+9+9+9+9
7+7+7+9+9	7+7+9+9+12	7+9+9+9+9 9+9+9+9+12
7+7+7+9+12	7+7+9+9+18	7+9+9+9+12 9+9+9+9+18

Multi Split **T-line**

High
EFFICIENCY

KKO2-18RTA1 / KKO3-24RTA1 KKO4-30RTA1 / KKO5-42RTA1

The new generation of KKO outdoor units stands out for its higher energy efficiency compared to other models in the lineup, providing better cooling and heating performance.

Most models achieve an A++ energy efficiency rating in heating mode, which translates to lower operating costs. The compact housing facilitates installation and saves space on balconies, roofs, and building facades. The KAISAI Multi-Split system allows for the connection of 2 to 5 indoor units to a single outdoor unit. Each room can be controlled independently, and the outdoor unit automatically adjusts its operation to meet demand. The KAISAI Multi-Split system with the KKO outdoor unit combines flexible configuration, high energy efficiency, and economical operation, ensuring comfort all year round.



R32
REFRIGERANT

A⁺⁺
CLASS

Kaisai Multi Split T-line HE

Indoor Units



PRO HEAT+ KRW-09/12/18/24TLHI / KRB-09/12/18/24TLHI

WI-FI AS STANDARD

MODEL			KRW/KRB-09TLHI	KRW/KRB-12TLHI	KRW/KRB-18TLHI	KRW/KRB-24TLHI
Power supply		V/Hz/Ph	220÷240/50/1	220÷240/50/1	220÷240/50/1	220÷240/50/1
Capacity	cooling	kW	2,6 (0,9÷3,7)	3,5 (1,0÷4,6)	5,2 (1,3-5,9)	7,0 (1,8÷7,8)
	heating	kW	3,0 (0,9÷4,0)	3,8 (1,0÷4,9)	5,5 (1,3-6,7)	7,1 (1,9÷8,0)
Airflow rate (Hi/Mi/Lo/Si)		m³/h	560	670	1000	1100
Sound pressure level (Hi/Mi/Lo/Si)		dB(A)	44/34/19	44/34/19	47/38/32	50/37/26
Dimensions (W/H/D)	net	mm	820×306×195	820×306×195	920×306×195	1100×333×222
	transport	mm	890×380×265	890×380×265	990×380×265	1165×405×295
Weight	net	kg	9	9	10	14
	transport	kg	11	11	13	17
Pipe diameter	liquid	mm (in)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)
	gas	mm (in)	9,52 (3/8)	9,52 (3/8)	12,7 (1/2)	12,7 (1/2)



ART KKWI-09/12/18/24RTA1 / KKWF-09/12/18/24RTA1

WI-FI AS STANDARD

MODEL			KKWI/KKWF-09RTA1	KKWI/KKWF-12RTA1	KKWI/KKWF-18RTA1	KKWI/KKWF-24RTA1
Power supply		V/Hz/Ph	220÷240/50/1	220÷240/50/1	220÷240/50/1	220÷240/50/1
Capacity	cooling	kW	2,7	3,6	5,3	7
	heating	kW	3,4	3,9	5,6	7,1
Airflow rate (Hi/Mi/Lo/Si)		m³/h	680/550/420	860/680/510	970/740/570	1100/890/680
Sound pressure level (Hi/Mi/Lo/Si)		dB(A)	44/34/19	44/34/19	47/33/23	50/37/26
Dimensions (W/H/D)	net	mm	808×305×209	808×305×209	909×305×209	1096×333×222
	transport	mm	880×375×275	880×375×275	981×375×275	1165×405×295
Weight	net	kg	9,7	9,7	10	14,2
	transport	kg	12,2	12,2	13	17,2
Pipe diameter	liquid	mm (in)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)
	gas	mm (in)	9,52 (3/8)	9,52 (3/8)	12,7 (1/2)	12,7 (1/2)

Kaisai Multi Split T-line HE

Indoor Units



AIR KKWK-09/12/18/24RTA1

Wi-Fi AS STANDARD

MODEL			KKWK-09RTA1	KKWK-12RTA1	KKWK-18RTA1	KKWK-24RTA1
Power supply		V/Hz/Ph	220÷240/50/1	220÷240/50/1	220÷240/50/1	220÷240/50/1
Capacity	cooling	kW	2,6	3,4	5,1	7
	heating	kW	2,7	3,4	5,2	7,1
Airflow rate (Hi/Mi/Lo/Si)		m³/h	550/450/330	550/450/330	800/630/440	1000/790/550
Sound pressure level (Hi/Mi/Lo/Si)		dB(A)	42/32/22	42/32/22	47/33/27	48/41/30
Dimensions (W/H/D)	net	mm	778×272×192	778×272×192	910×305×195	1005×321.5×220
	transport	mm	840×335×255	840×335×255	979×380×265	1096×390×297
Weight	net	kg	7,3	7,3	9	11
	transport	kg	9,5	9,5	11	13
Pipe diameter	liquid	mm (in)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)	6,35 (1/4)
	gas	mm (in)	9,52 (3/8)	9,52 (3/8)	9,52 (3/8)	12,7 (1/2)

MULTI



High
EFFICIENCY



AIR



ART WHITE



ART BLACK



PRO HEAT+ WHITE



PRO HEAT+ BLACK

Kaisai **Multi Split T-line HE**

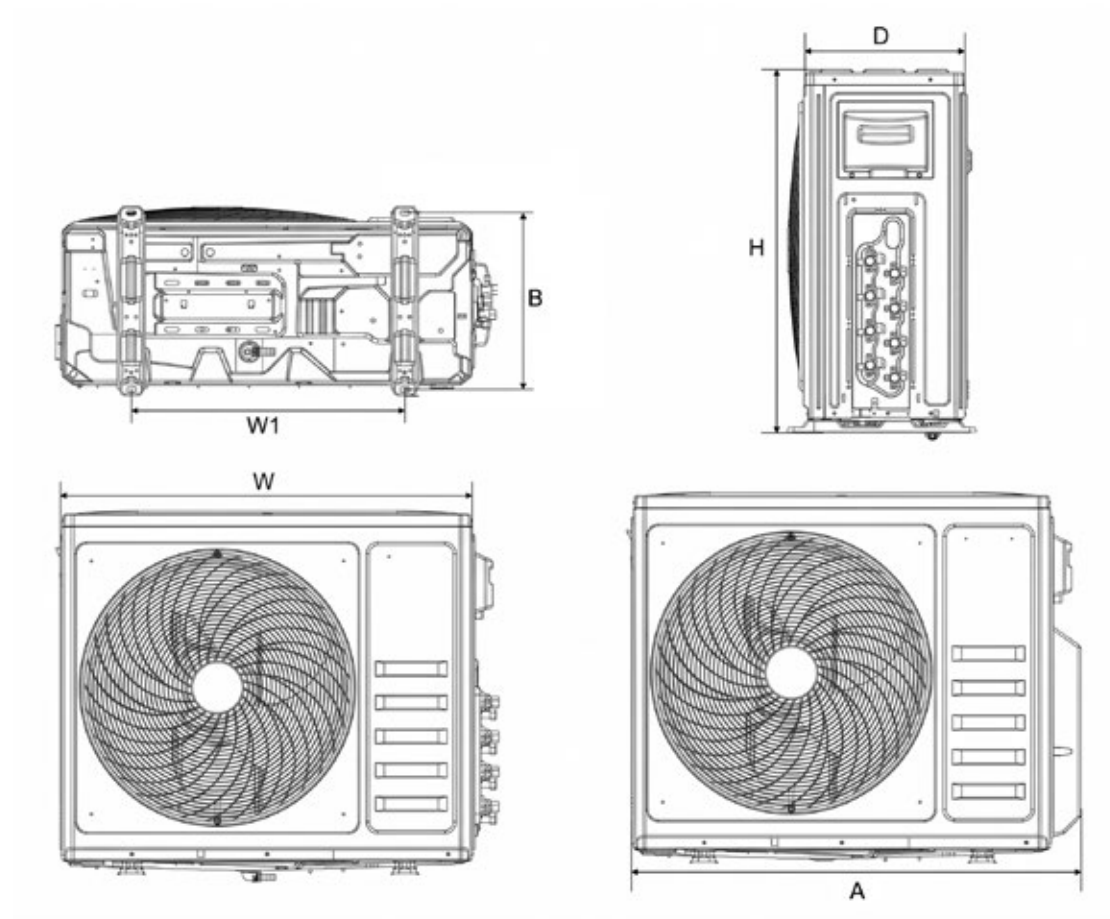
Outdoor Units



Technical Specifications

Model	outdoor unit		KKO2-18RTA1	KKO3-24RTA1	KKO4-30RTA1	KKO5-42RTA1
Capacity average (min-max)	cooling	kW	5,3 (1,3÷6,3)	7,0 (2,0÷8,9)	8,8 (2,0÷9,5)	12,3 (2,3÷13,1)
	heating	kW	5,3 (1,3÷6,3)	8,2 (2,0÷8,9)	9,1 (2,0÷10,7)	13,1 (2,3÷14,0)
Energy efficiency class	cooling/heating		A+++/A++	A+++/A++	A+++/A++	A++/A+
SEER	average	W/W	8,50	8,50	8,5	6,8
SCOP	average	W/W	4,60	4,60	4,7	4,3
Electric power consumption average (min-max)	cooling	W	1350 (280÷2000)	1800 (350÷3000)	2050 (350÷3600)	3550 (400÷4900)
	heating	W	1250 (280÷2000)	1950 (420÷3000)	2166 (350÷3600)	3508 (430÷4520)
Operating current average (min-max)	cooling	A	6,0 (1,3÷9,5)	8,0 (1,0÷13,0)	9,3 (1,6÷19,0)	16,0 (1,8÷21,5)
	heating	A	5,6 (1,3÷9,5)	8,7 (1,0÷13,0)	9,9 (1,6÷19,0)	15,8 (1,9÷20,0)
Airflow rate (Hi/Mi/Lo/Si)		m³/h	2600	3000	3400	3400
Cooling/Heating System		°C	-15+53/-25-30	-15+53/-25+30	-15+53/-20+30	-15+53/-20+30
Sound pressure level		dB(A)	56	61	63	63
Net dimensions (W/H/D)		mm	852×603×349	913×699×375	1083×858×494	1083×858×494
Transport dimensions (W/H/D)		mm	890×628×385	960×732×400	1135×925×530	1135×925×530
Net weight		kg	32	43	67,5	69
Transport weight			37	48	76	77,5
Pipe diameter (liquid/gas)		mm (in)	2×6,35/9,52 (2×1/4/3/8)	3×6,35/9,52 (3×1/4/3/8)	4×6,35/9,52 (4×1/4/3/8)	5×6,35/9,52 (5×1/4/3/8)
Max. installation length			40	60	80	90
Maximum installation length for 1 indoor unit		m	15	15	15	15
Max. high difference			25	25	25	25
Electrical Power supply	V/Hz/Ph	220-240 V AC / 50 Hz	220-240 V AC / 50 Hz	220-240 V AC / 50 Hz	220-240 V AC / 50 Hz	220-240 V AC / 50 Hz
Electrical Protection	A	10	16	25	25	25
Power supply lines	No. of wires × mm²	3×2,5	3×2,5	3×2,5	3×4,0	3×4,0
Control lines		4×1,5	4×1,5	4×1,5	4×1,5	4×1,5
Factory amount of refrigerant	kg	1,2	1,70	2,4	2,4	2,4
Factory charge based on the length of the installation	m	10	15	20	25	25
Additional amount of refrigerant	g/m	15	15	15	15	15

Unit **Dimensions**



Model	Dimensions					
	W	H	D	W1	B	A
KKO2-18RTA1	794	603	288	516	314	852
KKO3-24RTA1	843	699	325.7	580.2	335.8	913
KKO4-30RTA1	1004	858	410	660	462	1083
KKO5-42RTA1	1004	858	410	660	462	1083

Configuration Table

Multi T-line indoor units

The table shows the possible options for connecting indoor units of various capacities to specific outdoor units. The numbers in the table correspond to the units' capacities, expressed in thousands of BTU/h.

KKO2-18RTA1

1 Unit	2 Units
09	09+09 09+12
12	09+18 12+12
18	

KKO3-24RTA1

1 Unit	2 Units	3 Units
09	09+09 09+12 12+12	09+09+09 09+09+12 09+09+18
12	09+18 12+18 18+18	09+12+12 12+12+12
18		

KKO4-30RTA1

1 Unit	2 Units	3 Units
09 18	09+09 09+12 12+12	09+09+09 09+09+12 09+09+18
12	09+18 12+18 18+18	09+12+12 09+12+18 12+12+12
4 Units		
09+09+09+09	09+09+09+12	09+09+09+18 09+09+12+12 09+12+12+12

KKO5-42RTA1

1 Unit	2 Units	3 Units
09 18	09+09 09+12 12+12	09+09+09 09+09+12 09+12+12 09+09+18
12 24	09+18 12+18 18+18	09+12+18 12+12+12 12+12+18 12+18+18
	09+24 12+24 18+24 24+24	18+18+18 09+09+24 09+12+24 12+12+24 12+18+24

4 Units						
09+09+09+09	09+09+09+12	09+09+09+18	09+09+12+12	09+09+12+18	09+12+12+12	
09+12+18+18	09+18+18+18	12+12+12+12	12+12+12+18	12+12+18+18	09+09+09+24	09+12+12+18
09+09+12+24						

5 Units				
09+09+09+09+09	09+09+09+09+12	09+09+09+09+18	09+09+09+12+12	09+09+09+12+18
09+09+09+18+18	09+09+12+12+12	09+09+12+12+18	09+12+12+12+12	09+12+12+12+18
12+12+12+12+12				

Effective cooling and real comfort



LCAC Wi-Fi Module for Kai-sai Commercial Air Conditioners



Wi-Fi control is now available not only for wall-mounted air conditioners, but also for other Kai-sai air conditioner models: cassette, duct, floor-to-ceiling, and console units.



Overview of Device Operation Information



Changing the operating mode, temperature, and fan speed



Mobile app for Android and iOS

Air Conditioners **commercial**





Kaisai's modern air conditioning systems ensure year-round comfort by combining efficient cooling, heating, and energy-efficient operation. The product line includes solutions tailored for homes, offices, and commercial spaces.



Cassettes
p. 128



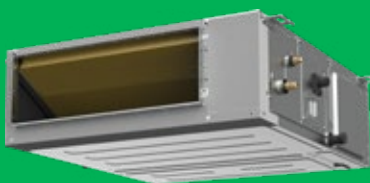
Consoles
p. 140



Floor Standing
p. 158



Floor-to-ceiling
p. 152



Ducted
p. 176

Cassette KCA4U

KCA4U-12/18HRG32X

Kaisai compact cassette air conditioners are designed for offices, conference rooms, commercial spaces, and other areas that require efficient and even air distribution.

KAISAI cassette air conditioners are designed for rooms with suspended ceilings, such as offices, conference rooms, and commercial spaces. Installed directly into the ceiling, these units offer a discreet installation and ensure even air distribution throughout the room, guaranteeing a high level of comfort.

The increased surface area of the air intake slots promotes quiet and efficient operation of the unit, improving acoustic comfort. The condensate pump, with a lift height of up to 100 cm, increases installation design flexibility, and its easily accessible design facilitates maintenance and servicing. An optional Wi-Fi module allows for convenient control of the air conditioner via a smartphone or tablet, providing full control over indoor conditions.



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Features of the **Kaisai Compact (KCA)**

	Louver Position Memory		Fresh air		360° Airflow		Refrigerant Leak Alarm		Wide temperature range		Remote Controller Temperature Sensor
	Emergency Use		Timer		Auto Restart		Alarm Port		Self-Diagnosis		Sleep Function
	Twin Combination		8°C Constant Heating Function		Turbo Mode		Eco Mode		Built-in Condensate Pump		Quiet Operation
	Temperature Compensation		Compressor heater and such condensate		Port ON/OFF		Self-Cleaning Evaporator		Stepless Fan Speed Control		Cold Air Intake Control
	Electronic Pressure-Relief Valve		Vane Function		Personalized Remote Control		Function Gear		Automatic Louver (Swing)		Mode hotel
	Single and Multi Split		Central Controller (optional)		Wi-Fi Control (optional)		Wired Controller (optional)		Modbus (optional)		



Louver Position Memory

Each time the air conditioner is turned off, it saves the last blind settings and restores them when it is turned back on.



Automatic Restart

During a power outage, the air conditioner saves the last settings and restores them when power is restored. There is no need to reprogram the unit after every power outage.



Built-in Condensate Pump

Thanks to the built-in pump, condensate can be drained to a height of up to 1,000 mm.



360° airflow

The unit can provide optimal air distribution throughout the room thanks to the additional air vents in the air conditioner panel.



A reliable and quiet compressor

The use of a modern compressor ensures stable, efficient, and energy-efficient operation of the unit across a wide range of conditions. Thanks to its low noise level, the air conditioner operates quietly, providing a high level of comfort.



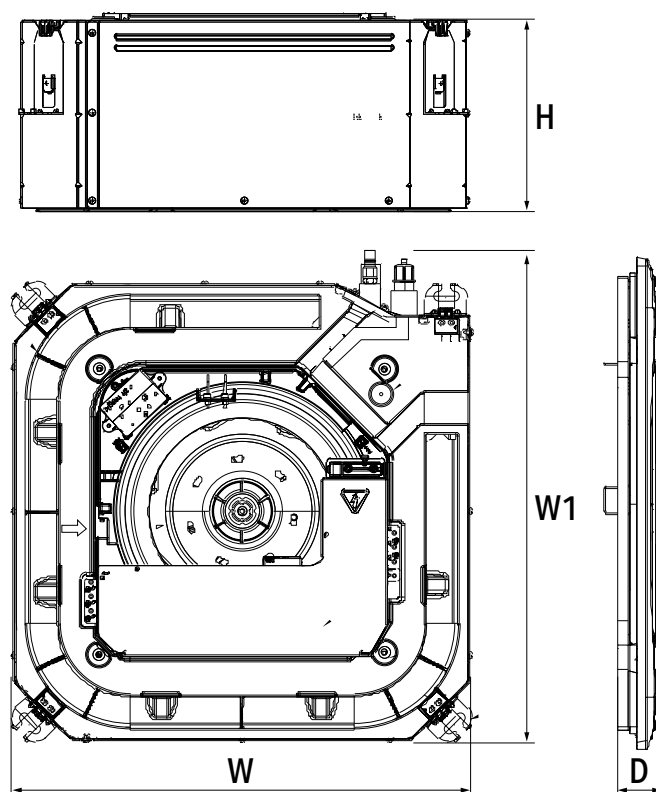
Wi-Fi Module (optional)

The Wi-Fi module lets you control your air conditioner using your phone or tablet from anywhere in the world.

Technical Specifications

Model	indoor unit		KCA4U-12HRG32X	KCA4U-18HRG32X
	outdoor unit		KOX230-12HFN32X	KOX330-18HFN32X
Capacity average (min-max)	cooling	kW	3,5 (0,8÷4,1)	5,3 (2,9÷5,9)
	heating	kW	3,8 (0,5÷4,3)	5,6 (2,4÷6,3)
Energy efficiency class	cooling/heating		A++/A+	A++/A+
SEER	average	W/W	6,8	6,5
SCOP	average	W/W	4,1	4,1
Electric power consumption average (min-max)	cooling	W	1015 (160÷1450)	1550 (720÷2040)
	heating	W	1020 (125÷1390)	1560 (700÷1950)
Operating current average (min-max)	cooling	A	4,5 (1,3÷6,4)	6,9 (3,2÷9,0)
	heating	A	4,5 (1,1÷6,2)	6,8 (3,1÷8,6)
Airflow rate (Hi/Mi/Lo/Si)	indoor	m³/h	620/520/330	660/540/300
	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)	42/38,5/31,5/25,5	44/41/31,5/25
	outdoor	dB(A)	57	58
Net Dimensions as per	indoor	mm	570×245×570	570×245×570
	panel	mm	620×50×620	620×50×620
	outdoor	mm	765×555×303	805×554×330
Transport dimensions as per	indoor	mm	715×295×640	715×295×640
	panel	mm	715×115×700	715×115×700
	outdoor	mm	887×610×337	915×615×370
Net weight	indoor	kg	16,1/2,7	16,2/2,7
	outdoor	kg	26,6	32,5
Transport weight	indoor	kg	18,8/4,3	19/4,3
	outdoor	kg	29,0	35,2
Pipe diameter (liquid/gas)		mm (in)	6,35/9,52 (1/4/3/8)	6,35/12,7 (1/4/1/2)
Max. installation length		m	25	30
Max. high 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	No. of wires × mm²	3×2,5	3×2,5
Control lines	indoor - outdoor	No. of wires × mm²	4×1,5	4×1,5
Factory amount of refrigerant	up to 5 mb	kg	0,72	1,15
Additional amount of refrigerant	more than 5 meters	g/m	12	12
Outer diameter of the condensate drain		mm	25	25

Unit **Dimensions**



Model	Dimensions [mm]			
	W	H	W1	D
KCA4U-12HRG32X	570	245	620	50
KCA4U-18HRG32X	570	245	620	50

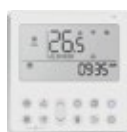
Included in the set



RG10N2
Remote
Control
wireless



KJR-12B
Wired
Controller
(optional)



KJR-120N
Wired
Controller
(optional)



CCM
Central
Controller
(optional)



KJR-120L
Wired
Controller
(optional)



OSK 105
Wi-Fi Module
(optional)

Cassette KCD

KCD-24/36/48/55HRG32X

Kaisai super-slim cassette air conditioners are designed for rooms with suspended ceilings, such as offices, conference rooms, and commercial spaces.

Thanks to their ceiling-mounted design, these units provide a discreet installation and even air distribution throughout the room, ensuring a high level of comfort.

The increased surface area of the air intake slots supports quiet and efficient operation of the unit, improving acoustic comfort. The condensate pump, with a lift height of up to 100 cm, increases installation design flexibility, and its easily accessible design facilitates maintenance and servicing. The built-in Wi-Fi module allows for convenient control of the air conditioner via a smartphone or tablet, providing full control over indoor conditions.



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Kaisai KCD Features

	Louver Position Memory		Fresh air		360° Airflow		Refrigerant Leak Detection		Wide temperature range		Remote Controller Temperature Sensor
	Emergency Use		Timer		Auto Restart		Port emergency		Self-Diagnosis		Sleep Function
	Twin Combination		Function fixed heating at 8°C		Turbo Mode		Eco Mode		Built-in Condensate Pump		Quiet Operation
	Temperature Compensation		Compressor heater and condensate		Port ON-OFF		Self-Cleaning Evaporator		Stepless Fan Speed Control		Cold Air Intake Control
	Electronic Pressure Relief Valve		Vane Function		Wi-Fi Control		Hotel Mode		Multifunction Remote Controller		Automatic Louver Control (Swing)
	Gear Feature		Personalized Remote Control		Central Controller (optional)		Wire Controller (optional)		Modbus (optional)		



Fresh air

Fresh outdoor air is supplied to the unit through a connection duct. This significantly improves indoor air quality.



Built-in Condensate Pump

Thanks to the built-in pump, condensate can be drained to a height of up to 1,000 mm.



TWIN Combination

Two identical indoor units operate simultaneously, connected to a single outdoor unit.



ECO Function

When the Eco function is enabled, the device consumes up to 60% less energy compared to conventional mode.



A reliable and quiet compressor

The use of a modern compressor ensures stable, efficient, and energy-efficient operation of the unit across a wide range of conditions. Thanks to its low noise level, the air conditioner operates quietly, providing a high level of comfort.



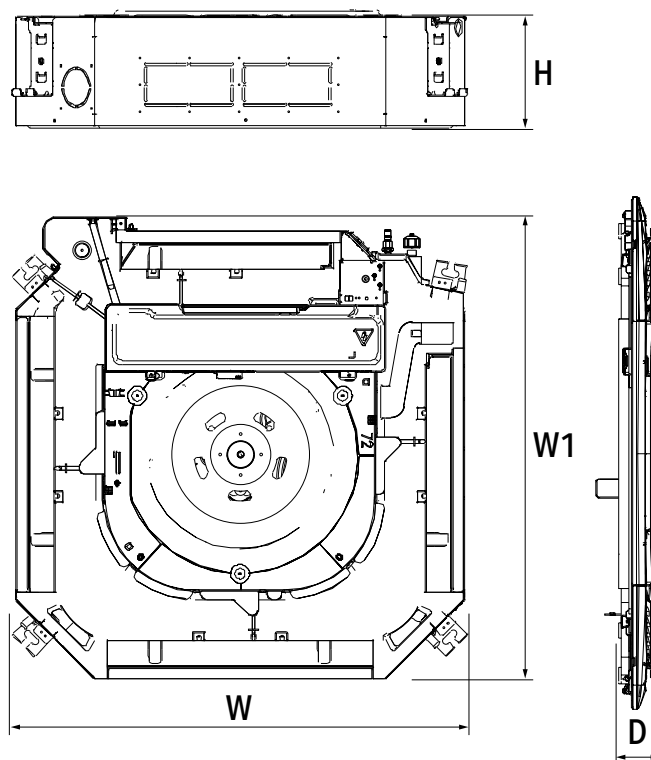
Wi-Fi Module

The Wi-Fi module lets you control your air conditioner using your phone or tablet from anywhere in the world.

Technical Specifications

Model	indoor unit		KCD-24HRG32X	KCD-24HRG32X	KCD-36HRG32X	KCD-36HRG32X	KCD-48HRG32X	KCD-48HRG32X	KCD-55HRG32X	KCD-55HRG32X
	outdoor unit		KOX430-24HFN32X	KKOS-24RRA1	KOD30U-36HFN32X	KOD30U-36HFN32X	KOE30U-48HFN32X	KKOS-48RRA3	KOE30U-55HFN32X	KKOS-55RRA3
Capacity average (min-max)	cooling	kW	7,0 (3,3÷7,9)	7,0 (3,3÷7,9)	10,6 (2,7÷11,4)	10,6 (2,7÷11,4)	14,1 (3,5÷15,8)	14,1 (3,5÷15,8)	15,2 (4,1÷16,7)	15,2 (4,1÷16,1)
	heating	kW	7,6 (2,8÷8,9)	7,6 (2,8÷8,5)	11,1 (2,8÷12,0)	11,1 (2,8÷12,7)	16,1 (4,1÷17,3)	16,1 (4,1÷17,3)	18,2 (4,4÷19,9)	18,2 (4,4÷19,0)
Energy efficiency class	cooling/heating		A++/A+	A++/A+	A++/A+	A++/A+	A++/A+	A++/A+	A++/A+	A++/A+
SEER	average	W/W	6,2	6,3	6,7	6,4	6,1	6,1	6,3	6,1
SCOP	average	W/W	4,0	4,1	4,0	4,0	4,0	4,0	4,0	4,0
Average electrical power consumption (min-max)	cooling	W	2320 (780÷2748)	2320 (780÷2750)	3950 (900÷4200)	4000 (890÷4150)	4650 (800÷5900)	4980 (810÷6350)	5000 (980÷6200)	5700 (1000÷6250)
	heating	W	1900 (610÷2700)	1900 (610÷2300)	3000 (800÷3950)	3000 (780÷4000)	4580 (900÷5500)	4580 (910÷5900)	5550 (1020÷6700)	5700 (1020÷6350)
Operating current average (min-max)	cooling	A	10,2 (4,2÷12,0)	10,2 (4,2÷12,1)	17,5 (4,2÷18,5)	6,5 (1,4÷6,5)	8,1 (1,8÷10,2)	8,0 (1,8÷10,3)	8,6 (2,1÷10,7)	8,8 (2,1÷10,7)
	heating	A	8,5 (3,6÷12,1)	8,5 (3,6÷10,1)	13,5 (3,5÷17,5)	5,0 (1,3÷6,4)	8,0 (1,9÷9,5)	7,5 (1,9÷9,6)	9,6 (2,1÷10,7)	8,8 (2,1÷10,8)
Airflow rate (Hi/Mi/Lo/Si)	indoor	m³/h	1300/1140/1000	1247/1118/992	1700/1550/1380	1800/1600/1400	1970/1780/1580	1970/1780/1580	2000/1850/1650	2000/1850/1650
	outdoor	m³/h	3500	3500	4000	4000	7500	5600	7500	5600
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	16÷32/0÷30	16÷32/0÷30	16÷32/0÷30
	outdoor	°C	-15÷50/-15÷24	-15÷50/-20÷24	-15÷50/-15÷24	-15÷50/-15÷24	-15÷50/-15÷24	-15÷50/-20÷24	-15÷50/-15÷24	-15÷50/-20÷24
Sound pressure level	indoor	dB(A)	45,5/42,5/39,5/27	45/42,5/37/27,5	50/47,5/44,5/39	50/47,5/44,5/39	51/48,5/46,5/37,5	51/48,5/46,5/37,5	53/50,5/48/40	53/50,5/48/40
	outdoor	dB(A)	60	60	63	63	63,5	64,5	64	64
Net dimensions (W/H/D)	indoor	mm	830×205×830	830×205×830	830×245×830	830×245×830	830×287×830	830×287×830	830×287×830	830×287×830
	panel	mm	950×55×950	950×55×950	950×55×950	950×55×950	950×55×950	950×55×950	950×55×950	950×55×950
	outdoor	mm	890×673×342	890×673×342	946×810×410	946×810×410	952×1333×415	980/975/375	952×1333×415	980/975/375
Dimensions transport s/w/g	indoor	mm	910×250×910	910×910×250	910×290×910	910×290×910	910×330×910	910×330×910	910×330×910	910×330×910
	panel	mm	1035×90×1035	1035×90×1035	1035×90×1035	1035×90×1035	1035×90×1035	1035×90×1035	1035×90×1035	1035×90×1035
	outdoor	mm	995×740×398	995×740×398	1090×885×500	1090×885×500	1095×1480×495	1145x1080x500	1095×1480×495	1145x1080x500
Net weight	indoor	kg	21,6/6,0	21,6/6,0	27,2/6,0	27,2/6,0	29,3/6,0	29,3/6,0	29,3/6,0	29,3/6,0
	outdoor	kg	43,9	43,9	66,9	80,5	103,7	90,0	107,0	92,0
Transport weight	indoor	kg	25,4/9,0	25,4/6,0	31,2/9,0	31,2/9,0	33,5/9,0	33,5/9,0	33,5/9,0	33,5/9,0
	outdoor	kg	46,9	46,9	71,5	85,0	118,3	105,0	121,2	107,0
Pipe diameter (liquid/gas)	mm (in)		9,52/15,9 (3/8/1/2)	9,52/15,9 (3/8/1/2)	9,52/15,9 (3/8/1/2)	9,52/15,9 (3/8/1/2)	9,52/15,9 (3/8/1/2)	9,52/15,9 (3/8/1/2)	9,52/15,9 (3/8/1/2)	9,52/15,9 (3/8/1/2)
Max. installation length	m		50	50	75	75	75	75	75	75
Max. high difference	m		25	25	30	30	30	30	30	30
Power supply outdoor	V/Hz/Ph		220÷240/50/1	220÷240/50/1	220÷240/50/1	380÷420/50/3	380÷420/50/3	220÷240/50/1	380÷420/50/3	220÷240/50/1
Circuit breaker/fuse	outdoor	A	20	20	25	16	16	16	16	16
Power supply lines	outdoor	No. of wires × mm²	3×2,5	3×2,5	3×4,0	5×2,5	5×2,5	5×2,5	5×2,5	5×2,5
Control lines	indoor - outdoor	No. of wires × mm²	4×1,5	4×1,5	4×1,5	4×1,5	4×1,5	4×1,5	4×1,5	4×1,5
Factory-set refrigerant charge	up to 5 mb	kg	1,50	1,50	2,40	2,40	2,90	2,90	3,00	3,00
Additional amount of refrigerant	more than 5 meters	g/m	24	24	24	24	24	24	24	24
Outer diameter condensate drain	mm		25	25	25	25	25	25	25	25

Unit **Dimensions**



Model	Dimensions [mm]			
	W	H	W1	D
KCD-24HRG32X	830	205	950	55
KCD-36HRG32X	830	205	950	55
KCD-48HRG32X	830	205	950	55
KCD-55HRG32X	830	205	950	55

Included in the set



RG10N2
Remote
Control
wireless



KJR-120N
Wired
Controller
(optional)



CCM
Central
Controller
(optional)



KJR-120L
Wired
Controller (op-
tional)



KJR-12B
Wired
Controller
(optional)

Console **KFAU**

KFAU-12HRG32X

In challenging indoor environments, every detail counts, which is why the KFAU console unit is equipped with two air outlets, adjustable air deflectors, and a wide airflow angle. As a result, the unit distributes air effectively and evenly throughout the entire room, ensuring reliable operation under all conditions.



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Technology plays a key role in the operation of a console air conditioner. The compressor sump heater protects the oil from absorbing refrigerant at low temperatures, while the condensate tray heater prevents icing during the heating cycle, improving operational efficiency. User comfort is also enhanced by the ECO and GEAR functions, as well as the 8°C constant heating feature, which prevents the interior from getting too cold.



Kaisai KFAU Features

	Louver Position Memory		Turbo Mode		Double-sided installation		Refrigerant Leak Alarm		Wide Temperature Range		Remote Controller Temperature Sensor
	Compressor heater and such condensate		Emergency Use		Timer		Auto Restart		3D Airflow		Single and Multi Split
	Electronic Pressure Relief Valve		Mode hotel		Eco Mode		Sleep Function		8°C Constant Heating Function		Self-Cleaning Evaporator
	Cold Air Intake Control		Quiet Operation		Stepless Fan Speed Control		Multifunction Remote Controller		Golden Fins		Automatic Louver (Swing)
	Self-Diagnosis		Wi-Fi Control (optional)		Silver-Ion Filter (optional)		Vitamin C Filter (optional)		3M Filter (optional)		



Compact dimensions

The well-thought-out, compact design allows for easy installation of the unit in various types of rooms. The shallow depth of the housing increases design flexibility and helps maintain the interior's aesthetic appeal.



Quiet Operation

The unit's quiet operation ensures a high level of comfort both during the day and at night. Thanks to its optimized design and state-of-the-art technology, the console operates discreetly without disrupting users' daily activities.



Eco

When the Eco function is enabled, the device consumes up to 60% less energy compared to conventional mode.



Two air vents

Two air outlets allow for flexible air circulation. Thanks to the adjustable supply air louvers and their wide range of adjustment, the console ensures efficient and effective air distribution throughout the entire room.



Wi-Fi Control

The Wi-Fi module lets you control your air conditioner using your phone or tablet from anywhere in the world.



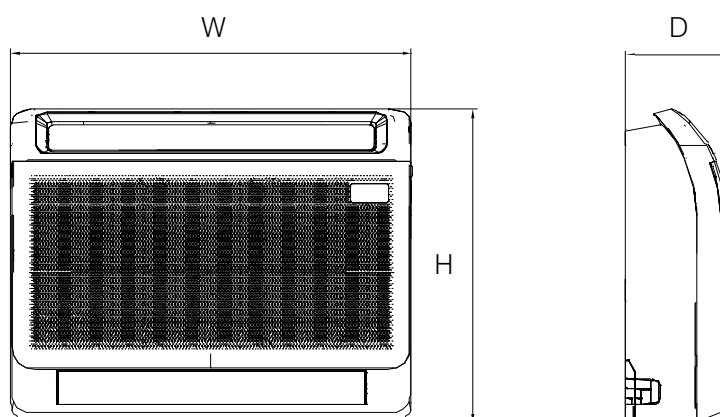
Automatic Louver (Swing)

The automatic operation of horizontal blinds significantly improves air distribution in the room.

Technical Specifications

KFAU Console	indoor unit		KFAU-12HRG32X
	outdoor unit		KOX230-12HFN32X
Capacity average (min-max)	cooling	kW	3,5 (0,8÷4,2)
	heating	kW	3,8 (0,4÷4,7)
Energy efficiency class	cooling/heating		A++/A+
SEER	average	W/W	7,3
SCOP	average	W/W	4,0
Electric power consumption average (min-max)	cooling	W	1000 (170÷1350)
	heating	W	980 (150÷1300)
Operating current average (min-max)	cooling	A	4,5 (1,4÷5,9)
	heating	A	4,4 (1,2÷6,0)
Airflow rate (Hi/Mi/Lo/Si)	indoor	m³/h	650/580/490
	outdoor	m³/h	2100
Operating temperature cooling/heating	indoor	°C	16÷32/0÷30
	outdoor	°C	-15÷50/-15÷24
Sound pressure level	indoor	dB(A)	37/34/27
	outdoor	dB(A)	53,6
Net dimensions (W/H/D)	indoor	mm	794×621×206
	outdoor	mm	765×555×303
Transport dimensions (W/H/D)	indoor	mm	865×719×280
	outdoor	mm	887×610×337
Net weight	indoor	kg	14,9
	outdoor	kg	26,6
Transport weight	indoor	kg	18,8
	outdoor	kg	29,0
Pipe diameter (liquid/gas)		mm (in)	6,35/9,52 (1/4/3/8)
Max. installation length		m	25
Max. high difference		m	10
Power supply	outdoor	V/Hz/Ph	220÷240/50/1
Circuit breaker/fuse	outdoor	A	16
Power supply lines	outdoor	No. of wires × mm²	3x2,5
Control lines	indoor-outdoor		4x1,5
Factory amount of refrigerant	up to 5 mb	kg	0,72
Additional amount of refrigerant	area: 5 mb	g/m	12

Unit **Dimensions**



Model	Dimensions [mm]		
	W	H	D
KFAU-12HRG32X	794	621	200

Included in the set



KOX230-12HFN32X
Outdoor Unit



RG10A
Remote
Control



OSK 105/109
Wi-Fi Module
(optional)



Wi-Fi Adapter
(optional)

Console **KKGB**

KKGB-12RTA1

The Kaisai KKGB console air conditioner is a solution designed for rooms where installing a wall-mounted unit is difficult. Its compact, floor-mounted design provides comfortable cooling, heating, and even air distribution all year round.



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The KKGB model is equipped with DC Inverter technology, automatically controlled louvers, and a temperature sensor in the remote control, which allows you to precisely adjust the unit's operation to the conditions in the room. The drip tray heater ensures reliable operation during heating at low temperatures, while features such as quiet operation, self-diagnosis, and automatic restart enhance the comfort of everyday use. The unit achieves an A++/A+ energy efficiency rating and uses the eco-friendly R32 refrigerant.



Kaisai KKGB Features

 Self-Diagnosis	 Self-Cleaning Evaporator	 Remote Controller Temperature Sensor	 Refrigerant Leak Alarm	 Timer	 Turbo Mode
 Controls Wi-Fi	 Cold Air Intake Control	 Preheating	 Automatic Louver (Swing)	 Sleep Function	 Auto Restart
 3D Airflow	 Quiet Operation	 Condensate Tray Heater	 8°C Constant Heating Function	 Compact dimensions	 High-Density Filter
 Wide temperature range	 Double-Sided Installation	 Louver Position Memory	 Golden Fins	 Multifunction Remote Controller	 Mode hotel (optional)



Compact dimensions

Thanks to its well-designed components, the air conditioner is compact in size.



Low noise level

The unit's quiet operation ensures a high level of comfort both during the day and at night. Thanks to its optimized design and state-of-the-art technology, the console operates discreetly without disrupting users' daily activities.



3D Airflow

Automatically controlled horizontal and vertical blinds ensure even temperature distribution and optimal air circulation.



2 air vents

Two air outlets allow for flexible air circulation in both cooling and heating modes.



Wi-Fi Control

The Wi-Fi module lets you control your air conditioner using your phone or tablet from anywhere in the world.



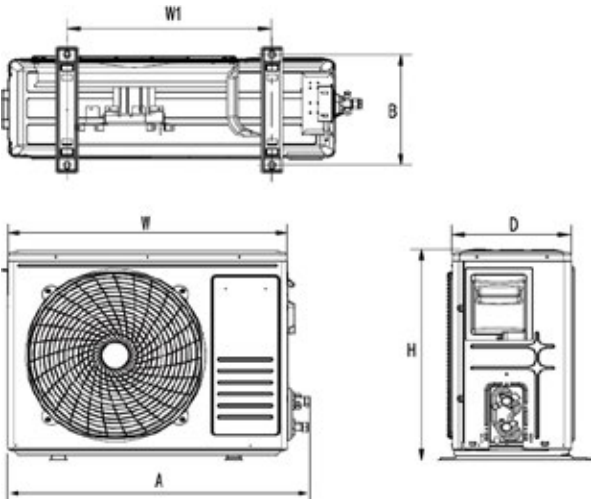
Automatic Louver (Swing)

The automatic operation of horizontal blinds significantly improves air distribution in the room.

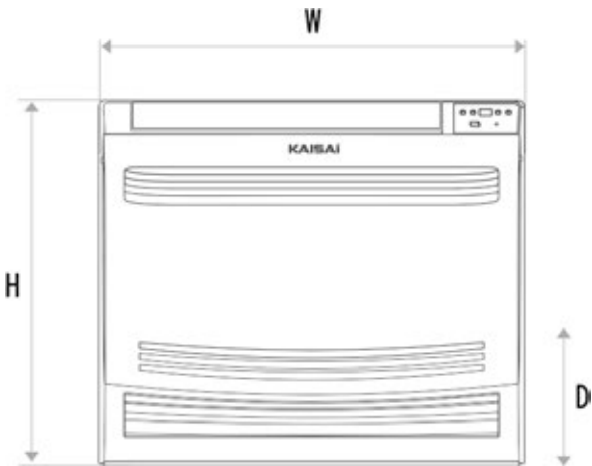
Technical Specifications

KKGB Console	indoor unit		KKGB-12RTA1
	outdoor unit		KKOS-12RTA1
Capacity average (min-max)	cooling	kW	3,5 (0,6÷4,0)
	heating	kW	3,6 (0,6÷4,1)
Energy efficiency class	cooling/heating		A++/A+
SEER	average	W/W	6,5
SCOP	average	W/W	4,0
Electric power consumption average (min-max)	cooling	W	1100 (200÷1700)
	heating	W	900 (200÷1700)
Operating current average (min-max)	cooling	A	4,8 (1,3÷9,0)
	heating	A	4,1 (1,3÷9,0)
Airflow rate (Hi/Mi/Lo/Si) (Hi/Mi/Lo/Si)	indoor unit	m³/h	650
	outdoor unit	m³/h	1900
Operating temperature	indoor unit	°C	16÷31/0÷30
	outdoor unit	°C	-15÷53/-20÷30
Sound pressure level (Hi/Mi/Lo/Si)	indoor unit	dB(A)	44/42/36/30/27
	outdoor unit	dB(A)	52
Net dimensions (W/H/D)	indoor unit	mm	700×215×600
	outdoor unit	mm	722×499×234
Transport dimensions (W/H/D)	indoor unit	mm	775×280×725
	outdoor unit	mm	818×515×325
Net weight	indoor unit	kg	14,5
	outdoor unit	kg	22,0
Transport weight	indoor unit	kg	16,5
	outdoor unit	kg	24,0
Pipe diameter (liquid/gas)		mm (in)	6,35/9,52 (1/4/3/8)
Max. installation length		m	25
Max. high difference		m	10
Power supply	outdoor unit	V/Hz/Ph	220-240/50/1
Circuit breaker/fuse	outdoor unit	A	10
Power supply lines	outdoor unit	mm²	3x1,5
Control lines	Indoor - Outdoor Unit	mm²	4x1,5
Factory amount of refrigerant	up to 5 mb	kg	0,53
Additional amount of refrigerant	more than 5 meters	g/m	15

Unit Dimensions



Model	Dimensions [mm]					
	W	D	H	W1	A	B
KKOS-12RTA1	722	234	499	415	775	265



Model	Dimensions [mm]		
	W	D	H
KKGB-12RTA1	700	215	600

Included in the set



KKOS-12RTA1
Outdoor Unit



85T
Remote
Controller



85TH
Remote
Controller
(optional)

Floor-to-ceiling KUE

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

Versatile floor-to-ceiling air conditioners that are ideal for use in rooms without a suspended ceiling, among other applications.



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They feature three-dimensional airflow thanks to automatic louver control. This ensures optimal air circulation and even temperature distribution. The timer allows you to set the times for the air conditioner to turn on and off automatically. To minimize the sensation of an unpleasant, cold airflow, the air conditioner starts up in heating mode and automatically reduces the fan speed until the heat exchanger warms up.



Kaisai KUE Features

	Louver Position Memory		Turbo Mode		Double-Sided Installation		Refrigerant Leak Alarm		Temperature Compensation		Remote Controller Temperature Sensor
	Compressor heater and such condensate		Emergency Use		Timer		Auto Restart		3D Airflow		Port emergency
	Port emergency		Twin Combination		Fresh air		Port ON/OFF		Gear Feature		Eco
	Sleep Function		8°C Constant Heating Function		Self-Cleaning Evaporator		Cold Air Intake Control		Quiet Operation		Stepless Fan Speed Control
	Built-in Condensate Pump		Automatic Louver (Swing)		Multifunction Remote Controller		Wide temperature range		Self-Diagnosis		Personalized Remote Control
	Mode hotel		Electronic Pressure Relief Valve		Central Controller (optional)		Wi-Fi Control (optional)		Modbus (optional)		

Louver Position Memory

Each time the air conditioner is turned off, it saves the last blind settings and restores them when it is turned back on.



Twin Combination

Two identical indoor units operate simultaneously, connected to a single outdoor unit.



Emergency Use

If one of the sensors fails, the device continues to operate and can be used until the malfunction is corrected.



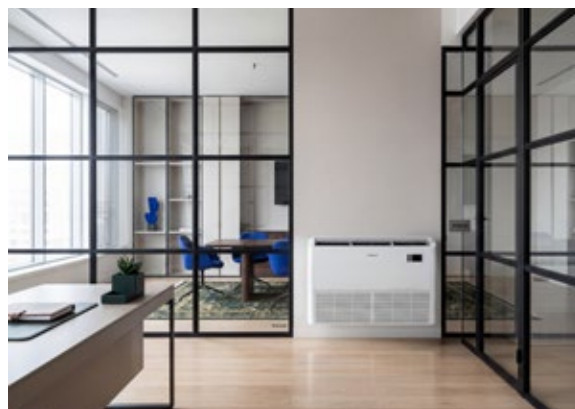
Eco Mode

When the Eco function is enabled, the device consumes up to 60% less energy compared to conventional mode.



Fresh air

Fresh outdoor air is supplied to the unit through a connection duct. This significantly improves indoor air quality.



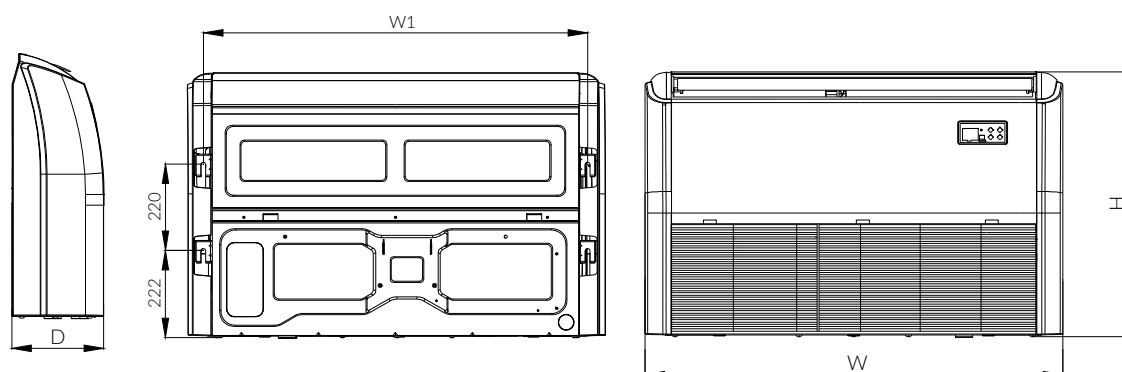
Timer

The timer allows you to set the times when the air conditioner will turn on and off automatically.

Technical Specifications

KUE Console	indoor unit		KUE-18HRG32X	KUE-24HRG32X	KUE-24HRG32X	KUE-36HRG32X	KUE-36HRG32X	KUE-48HRG32X	KUE-48HRG32X	KUE-55HRG32X	KUE-55HRG32X
	outdoor unit		KOX330-18HFN32X	KKOS-24RRA1	KOX430-24HFN32X	KOD30U-36HFJ32X	KOD30U-36HFN32X	KOE30U-48HFN32X	KKOS-48RRA3	KOE30U-55HFN32X	KKOS-55RRA3
Capacity average (min-max)	cooling	kW	5,3 (2,7÷5,9)	7,0 (3,2÷7,9)	7,0 (3,2÷7,8)	10,6 (2,7÷11,4)	10,6 (2,7÷11,8)	14,1 (3,5÷15,2)	14,01 (3,5÷15,2)	15,8 (4,1÷16,7)	15,2 (4,1÷16,1)
	heating	kW	5,6 (2,4÷6,3)	7,6 (2,7÷8,5)	7,6 (2,7÷8,3)	11,7 (2,8÷12,8)	11,7 (2,8÷12,8)	16,1 (4,1÷17,0)	16,1 (4,1÷17,6)	18,2 (4,4÷19,6)	18,2 (4,4÷19,4)
Energy efficiency class	cooling/ heating		A++/A+	A++/A+	A++/A+	A++/A+	A++/A+	A++/A+	A++/A+	A++/A+	A++/A+
SEER	average	W/W	6,2	6,3	6,1	6,2	6,4	6,1	6,1	6,1	6,1
SCOP	average	W/W	4,0	4,1	4,0	4,0	4,1	4,0	4,0	4,0	4,0
Electric power consumption average (min-max)	cooling	W	1450 (670÷2027)	2300 (750÷2730)	2300 (747÷2930)	3900 (900÷4250)	4000 (890÷4300)	5000 (900÷5950)	5000 (910÷6200)	5650 (1100÷6650)	5900 (1100÷6500)
	heating	W	1500 (540÷1640)	1980 (650÷2940)	2050 (650÷2850)	3350 (800÷3950)	3350 (780÷3950)	5100 (1000÷6050)	4800 (950÷5950)	6050 (1050÷7100)	5950 (1120÷6350)
Operating current average (min-max)	cooling	A	6,0 (3,2÷9,0)	10,5 (3,9÷12,1)	10,5 (3,9÷13,1)	17,0 (4,2÷19,0)	6,3 (1,4÷6,8)	8,8 (1,9÷10,3)	7,6 (2,1÷9,6)	9,7 (3,2÷11,5)	8,9 (3,1÷10,8)
	heating	A	6,6 (2,7÷7,3)	8,7 (3,5÷10,6)	9,5 (3,5÷12,7)	15,0 (3,5÷17,5)	5,4 (1,3÷6,2)	8,9 (2,1÷10,5)	7,4 (2,2÷9,2)	10,5 (2,2÷12,0)	9,1 (3,1÷10,5)
Airflow rate (Hi/Mi/Lo/Si)	indoor	m³/h	958/839/723	1192/1023/853	1192/1023/853	1955/1728/1504	1955/1728/1504	2100/1850/1600	2100/1850/1600	2200/1950/1650	2200/1950/1650
	outdoor	m³/h	2200	3500	3500	4000	4000	7500	5600	7500	5600
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	16÷32/0÷30	-15÷50/-20÷24	16÷32/0÷30	-15÷50/-20÷24
	outdoor	°C	-15÷50/-15÷24	-15÷50/-20÷24	-15÷50/-15÷24	-15÷50/-15÷24	-15÷50/-15÷24	-15÷50/-15÷24	-15÷50/-20÷24	-15÷50/-15÷24	-15÷50/-20÷24
Sound pressure level	indoor	dB(A)	43,5/41,3/36,5/24	49,5/45,5/36,5/22,5	49/46/43/32	50/48,5/44/37	50/48,5/44/37	53/50/45/36	53/50/45/36	54/50,5/46,5/38	54/50,5/46,5/38
	outdoor	dB(A)	56	60	60	63	63	63,5	64,5	64	64
Net dimensions (W/H/D)	indoor	mm	1068×675×235	1068×675×235	1068×675×235	1650×675×235	1650×675×235	1650×675×235	1650×675×235	1650×675×235	1650×675×235
	outdoor	mm	805×554×330	890×673×342	890×673×342	946×810×410	946×810×410	952×1333×415	980×975×375	952×1333×415	980×975×375
Transport dimensions as per	indoor	mm	1145×755×318	1145×755×318	1145×755×318	1725×755×318	1725×755×318	1725×755×318	1725×755×318	1725×755×318	1725×755×318
	outdoor	mm	915×615×370	995×740×398	995×740×398	1090×885×500	1090×885×500	1095×1480×495	1145×1080×500	1095×1480×495	1145×1080×500
Net weight	indoor	kg	28,0	28,0	28,0	41,5	41,5	41,7	41,7	42,3	42,3
	outdoor	kg	26,6	43,9	43,9	66,9	80,5	103,7	90,0	107,0	92,0
Transport weight	indoor	kg	33,1	33,1	33,3	48,0	48,0	48,5	48,5	49,2	49,2
	outdoor	kg	29,0	46,9	46,9	71,5	85,0	118,3	105,0	121,2	107,0
Diameter of liquid/gas pipes	mm (in)		6,35/12,7 (¼/½)	9,52/15,9 (¾/¾)	9,52/15,9 (¾/¾)	9,52/15,9 (¾/¾)	9,52/15,9 (¾/¾)	9,52/15,9 (¾/¾)	9,52/15,9 (¾/¾)	9,52/15,9 (¾/¾)	9,52/15,9 (¾/¾)
Max. system length	m		30	50	50	75	75	75	75	75	75
Max. high difference	m		20	25	25	30	30	30	30	30	30
Power supply	outdoor	V/Hz/Ph	220÷240/50/1	220÷240/50/1	220÷240/50/1	220÷240/50/1	380÷420/50/3	380÷420/50/3	380÷420/50/3	380÷420/50/3	380÷420/50/3
Circuit breaker/ fuse	outdoor	A	16	20	20	25	16	16	16	16	16
Power supply lines	outdoor	fig. veins x mm	3×2,5	3×2,5	3×2,5	3×4,0	5×2,5	5×2,5	5×2,5	5×2,5	5×2,5
Control lines	indoor - outdoor		4×1,5	4×1,5	4×1,5	4×1,5	4×1,5	4×1,5	4×1,5	4×1,5	4×1,5
Factory-set refrigerant charge	up to 5 mb	kg	1,15	1,50	1,50	2,40	2,40	2,90	2,90	3,00	3,20
Additional amount of refrigerant	area 5 mb	g/m	12	24	24	24	24	24	24	24	24
Outer diameter of the condensate drain	mm		25	25	25	25	25	25	25	25	25

Unit Dimensions



Model	Dimensions [mm]			
	W	H	D	W1
KUE-18HRG32X	1068	675	235	983
KUE-24HRG32X	1068	675	235	983
KUE-36HRG32X	1650	675	235	1565
KUE-48HRG32X	1650	675	235	1565
KUE-55HRG32X	1650	675	235	1565

Included in the set



RG10A1
Remote
Control
wireless



KJR-120N
Controller
wired
(optional)



CCM
Central
Controller
(optional)



KJR-12B
Wired
Controller
(optional)



KJR-120L
Controller
wired (optional)



LCAC
Wi-Fi Module
(optional)

Floor standing **KKFS-24**

KKFS-24RRA1

The Kaisai floor-mounted air conditioner is designed for efficient cooling of large commercial and service spaces. Thanks to its high power and long airflow range, it ensures comfortable conditions all year round.



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Features of the **Kaisai KKFS-24**

 Self-Diagnosis	 Wide temperature range	 Refrigerant Leak Alarm	 Timer	 3D Airflow	 Wi-Fi Control
 Cold Air Intake Control	 Automatic Louver (Swing)	 Sleep Function	 Auto Restart	 Stepless Fan Speed Control	 Remote Controller Temperature Sensor
 Emergency Use	 Compressor heater and such condensate	 Multifunction Remote Controller	 Electronic Pressure-Relief Valve	 Personalized Remote Control	 Cold Air Intake Control
 Silver-Ion Filter (optional)					

Louver Position Memory

Each time the air conditioner is turned off, it saves the last blind settings and restores them when it is turned back on.



Intuitive touch panel

The intuitive control panel and multifunction remote control ensure ease of use. Thanks to its built-in temperature sensor, the floor-mounted air conditioner can automatically adjust its cooling capacity to the conditions in a given location.



Emergency Use

If one of the sensors fails, the device continues to operate and can be used until the malfunction is corrected.



ECO Function

When the Eco function is enabled, the device consumes up to 60% less energy compared to conventional mode.



Compressor and condensate tray heater

The compressor sump heater prevents the refrigerant from being absorbed by the oil, which can occur when the temperature drops. The condensating tray heater supports the air conditioner's operation in heating mode by preventing the drain pan from icing up, improving efficiency, and minimizing the risk of fan failure.



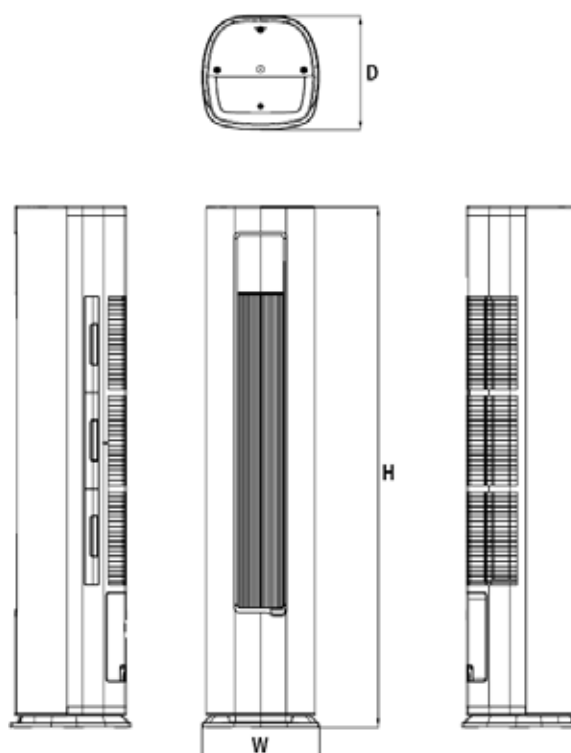
Wi-Fi Module

The Wi-Fi module lets you control your air conditioner using your phone or tablet from anywhere in the world.

Technical Specifications

KKFS	indoor unit		KKFS-24RRA1
	outdoor unit		KOX430L-24HFN32X
Capacity average (min-max)	cooling	kW	7,2 (2,1÷8,2)
	heating	kW	8,1 (1,8÷9,7)
Energy efficiency class	cooling/heating		A++/A++
SEER	average	W/W	7,0
SCOP	average	W/W	4,60
Electric power consumption average (min-max)	cooling	W	2100 (200÷2919)
	heating	W	2150 (250÷2920)
Operating current average (min-max)	cooling	A	9,3 (1,5÷12,8)
	heating	A	9,5 (1,7÷12,8)
Airflow rate (Hi/Mi/Lo/Si)	indoor	m³/h	1400/1200/800
	outdoor	m³/h	3500
Operating temperature cooling/heating	indoor	°C	17÷32/0÷30
	outdoor	°C	-15÷50/-20÷24
Sound pressure level	indoor	dB(A)	44/40/38/31
	outdoor	dB(A)	60,5
Net dimensions (W/H/D)	indoor	mm	380×1802×392
	outdoor	mm	890×673×342
Transport dimensions (W/H/D)	indoor	mm	475×2040×490
	outdoor	mm	995×740×398
Net weight	indoor	kg	25,1
	outdoor	kg	43,8
Transport weight	indoor	kg	33,6
	outdoor	kg	46,8
Pipe diameter (liquid/gas)	mm (in)		6,35/12,7 (1/4/1/2)
Max. installation length	m		50
Max. high difference	m		25
Power supply	outdoor	V/Hz/Ph	220÷240/50/1
Circuit breaker/fuse	outdoor	A	20
Power supply lines	outdoor	No. of wires × mm²	3×2,5
Control lines	indoor - outdoor		4×1,5
Factory amount of refrigerant	up to 5 mb	kg	1,13
Additional amount of refrigerant	area: 5 mb	g/m	12
Outer diameter of the condensate drain	mm		25

Unit **Dimensions**



Model	Dimensions [mm]		
	W	D	H
KKFS-24RRA1	380	392	1802

Included in the set



KOX430L-24HFN32X
Outdoor Unit



RG10LL
Remote
Control
wireless

Floor standing **KKFS-48**

KKFS-48RRA1

Designed for use in demanding environments, the Kaisai floor-mounted air conditioner effectively cools and heats even large rooms. Its high efficiency and even air distribution ensure comfort regardless of the size of the space.



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Features of the **Kaisai KKFS-48**

 Self-Diagnosis	 Wide temperature range	 Refrigerant Leak Alarm	 Timer	 3D Airflow	 Wi-Fi Control
 Cold Air Intake Control	 Automatic Louver (Swing)	 Sleep Function	 Auto Restart	 Stepless Fan Speed Control	 Remote Controller Temperature Sensor
 Emergency Use	 Compressor heater and such condensate	 Multifunction Remote Controller	 Electronic Pressure Relief Valve	 Personalized Remote Control	 Cold Air Intake Control
 Silver-Ion Filter (optional)					

Intuitive touch panel

The intuitive control panel and multifunction remote control ensure ease of use. Thanks to its built-in temperature sensor, the floor-mounted air conditioner can automatically adjust its cooling capacity to the conditions in a given location.



Built-in expansion valve

An electronic expansion valve reduces the refrigerant pressure in a variable manner controlled by the controller. This allows for precise regulation of both the superheat value and the cooling/heating capacity.



Compressor and condensation tray heater

The compressor sump heater prevents the refrigerant from being absorbed by the oil, which can occur when the temperature drops. The condensation pan heater supports the air conditioner's operation in heating mode by preventing the drain pan from icing up, improving efficiency, and minimizing the risk of fan failure.



3D Airflow

The 3D airflow function ensures even air distribution throughout the room—the airflow is directed not only straight ahead, but also upward and to the sides. This prevents the formation of zones with different temperatures and enhances user comfort.



A reliable and quiet compressor

Modern air conditioners require the latest compressor technology, which allows them to operate very quietly, efficiently, and reliably.



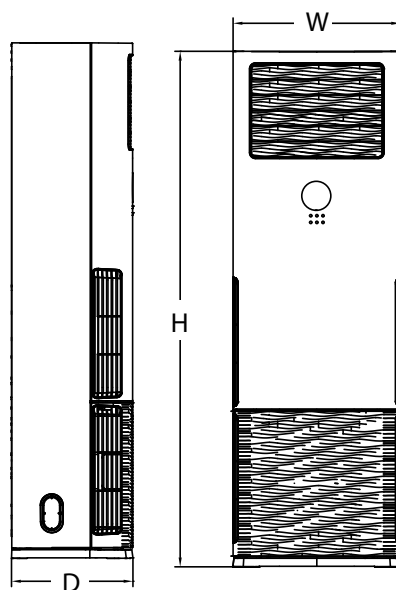
Wi-Fi Module

The Wi-Fi module lets you control your air conditioner using your phone or tablet from anywhere in the world.

Technical Specifications

KKFS	indoor unit	KKFS-48RRA1	
	outdoor unit	KKOS-48RRA3	
Capacity average (min-max)	cooling	kW	14,1 (3,5÷16,1)
	heating	kW	15,3 (4,1÷17,6)
Energy efficiency class	cooling/heating		A++/A
SEER	average	W/W	6,0
SCOP	average	W/W	3,9
Electric power consumption average (min-max)	cooling	W	4850 (910÷6500)
	heating	W	4560 (950÷5800)
Operating current average (min-max)	cooling	A	7,3 (2,12÷10,5)
	heating	A	6,9 (1,5÷8,8)
Airflow rate (Hi/Mi/Lo/Si)	indoor	m³/h	1400/1200/800
	outdoor	m³/h	2500/2300/2100
Operating temperature cooling/heating	indoor	°C	17÷32/0÷30
	outdoor	°C	-15÷50/-20÷24
Sound pressure level	indoor	dB(A)	55,0/52,5/50,0/44,5
	outdoor	dB(A)	65,0
Net dimensions (W/H/D)	indoor	mm	600×1934×455
	outdoor	mm	980×975×415
Transport dimensions (W/H/D)	indoor	mm	755×2080×585
	outdoor	mm	1145×1080×500
Net weight	indoor	kg	54,4
	outdoor	kg	90,0
Transport weight	indoor	kg	73,3
	outdoor	kg	105,0
Pipe diameter (liquid/gas)		mm (in)	9,52/15,9 (3/8/5/8)
Max. installation length		m	75
Max. high difference		m	30
Power supply	outdoor		380÷420/50/3
Circuit breaker/fuse	outdoor	A	16
Power supply lines	outdoor	No. of wires × mm²	5×2,5
Control lines	indoor - outdoor		4×1,5
Factory amount of refrigerant	up to 5 mb	kg	2,90
Additional amount of refrigerant	area: 5 mb	g/m	24
Outer diameter of the condensate drain		mm	25

Unit **Dimensions**



Model	Dimensions [mm]		
	W	D	H
KKFS-48RRA1	380	392	1802

Included in the set



KKOS-48RRA3
Outdoor Unit



RG10F18
Remote
Control
wireless

Floor standing **KKFS-48**

KKFS-48RAA1

The high-performance Kaisai floor-mounted air conditioner is designed for spaces where effective cooling, heating, and reliable operation are essential. This solution is ideal for stores, restaurants, showrooms, and offices.

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Features of **Kaisai KKFS**

	Self-Diagnosis		Self-Cleaning Evaporator		Remote Controller Temperature Sensor		Refrigerant Leak Alarm		Timer		Turbo Mode
	Wide temperature range		Automatic Louver (Swing)		Eco		Auto Restart		Cold Air Intake Control		3D Airflow

Intuitive touch panel

The intuitive control panel and multifunction remote control ensure ease of use. Thanks to its built-in temperature sensor, the floor-mounted air conditioner can automatically adjust the cooling capacity to the conditions at the specific location.



Automatic louver

The automatic operation of horizontal blinds significantly improves air distribution in the room.



Automatic Restart

During a power outage, the air conditioner saves the last settings and restores them once power is restored. The unit does not need to be reprogrammed after each power outage.



ECO Function

The built-in ECO function automatically adjusts the airflow speed and temperature setting so that the unit operates in the most energy-efficient manner. Energy consumption can be reduced by as much as 60% compared to standard operating mode, which significantly lowers operating costs—especially in commercial facilities where the air conditioning runs for many hours a day.



3D Airflow

Automatically controlled horizontal and vertical blinds ensure even temperature distribution and optimal air circulation.



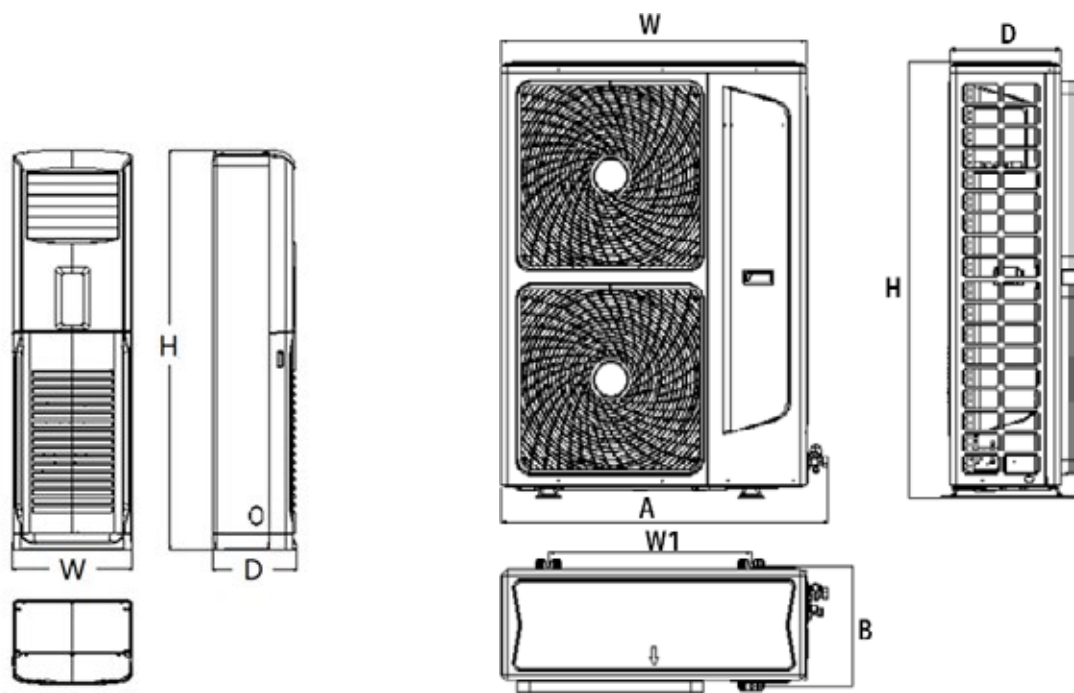
Timer

A precise timer allows you to fully automate the unit's operation on a daily cycle. You can set the exact time for the air conditioner to turn on and off, while also optimizing your electricity costs.

Technical Specifications

Model	indoor unit		KKFS-48RAA1
	outdoor unit		KKOS-48RAA1
Capacity average (min-max)	cooling	kW	14,0 (6,5÷15,0)
	heating	kW	15,0 (5,0÷15,0)
Energy efficiency class	cooling/heating		A++/A+
SEER	average	W/W	6,1
SCOP	average	W/W	4,0
Electric power consumption average (min-max)	cooling	W	5200 (1300÷5500)
	heating	W	4900 (1000÷5500)
Operating current average (min-max)	cooling	A	23
	heating	A	22
Airflow rate (Hi/Mi/Lo/Si)	indoor	m³/h	2100/1850/1700/1500
	outdoor	m³/h	8 000
Operating temperature cooling/heating	indoor	°C	16÷32/0÷30
	outdoor	°C	-15÷49/-15÷32
Sound pressure level	indoor	dB(A)	66
	outdoor	dB(A)	69
Net dimensions (W/H/D)	indoor	mm	580×1925×400
	outdoor	mm	940×1320×340
Transport dimensions (W/H/D)	indoor	mm	695×2075×555
	outdoor	mm	1070×1445×450
Net weight	indoor	kg	52,0
	outdoor	kg	82,0
Transport weight	indoor	kg	57,0
	outdoor	kg	87,0
Pipe diameter (liquid/gas)	mm (in)		9,52/15,9 (3/8/5/8)
Max. installation length	m		25
Max. high difference	m		15
Power supply	outdoor	V/Hz/Ph	220÷240/50/1
Circuit breaker/fuse	outdoor	A	32
Power supply lines	outdoor	No. of wires × mm²	3x4,0
Control lines	indoor - outdoor		4x1,5
Factory amount of refrigerant	up to 5 mb	kg	2,90
Additional amount of refrigerant	area: 5 mb	g/m	30
Outer diameter of the condensate drain	mm		25

Unit Dimensions



Model	Dimensions [mm]		
	W	D	H
KKFS-48RAA1	580	400	1925

Model	Dimensions [mm]					
	W	D	H	W1	A	B
KKOS-48RAA1	940	340	1321	625	1008	364

Included in the set



KKOS-48RAA1
Outdoor Unit



KWA-T2
Remote
Control
wireless

Duct KKR7

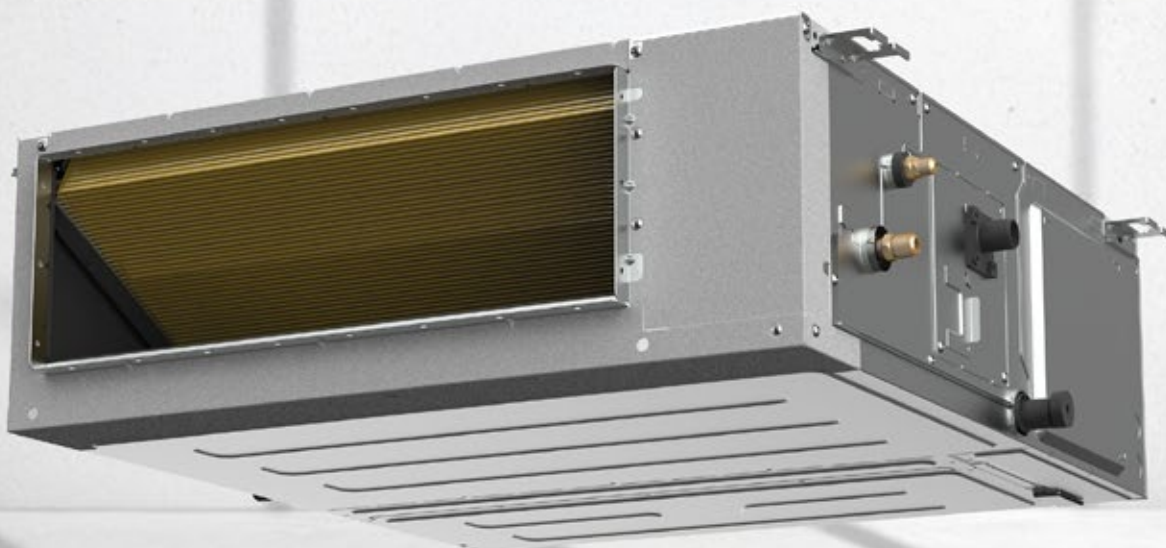
KKR7-12/18/24/36/48/55RRA1

A ducted air conditioner designed for discreet climate control in large commercial, office, and residential spaces. By distributing air through ventilation ducts, it ensures even temperature distribution and a high level of comfort while maintaining the interior's aesthetic appeal.



R32
REFRIGERANT

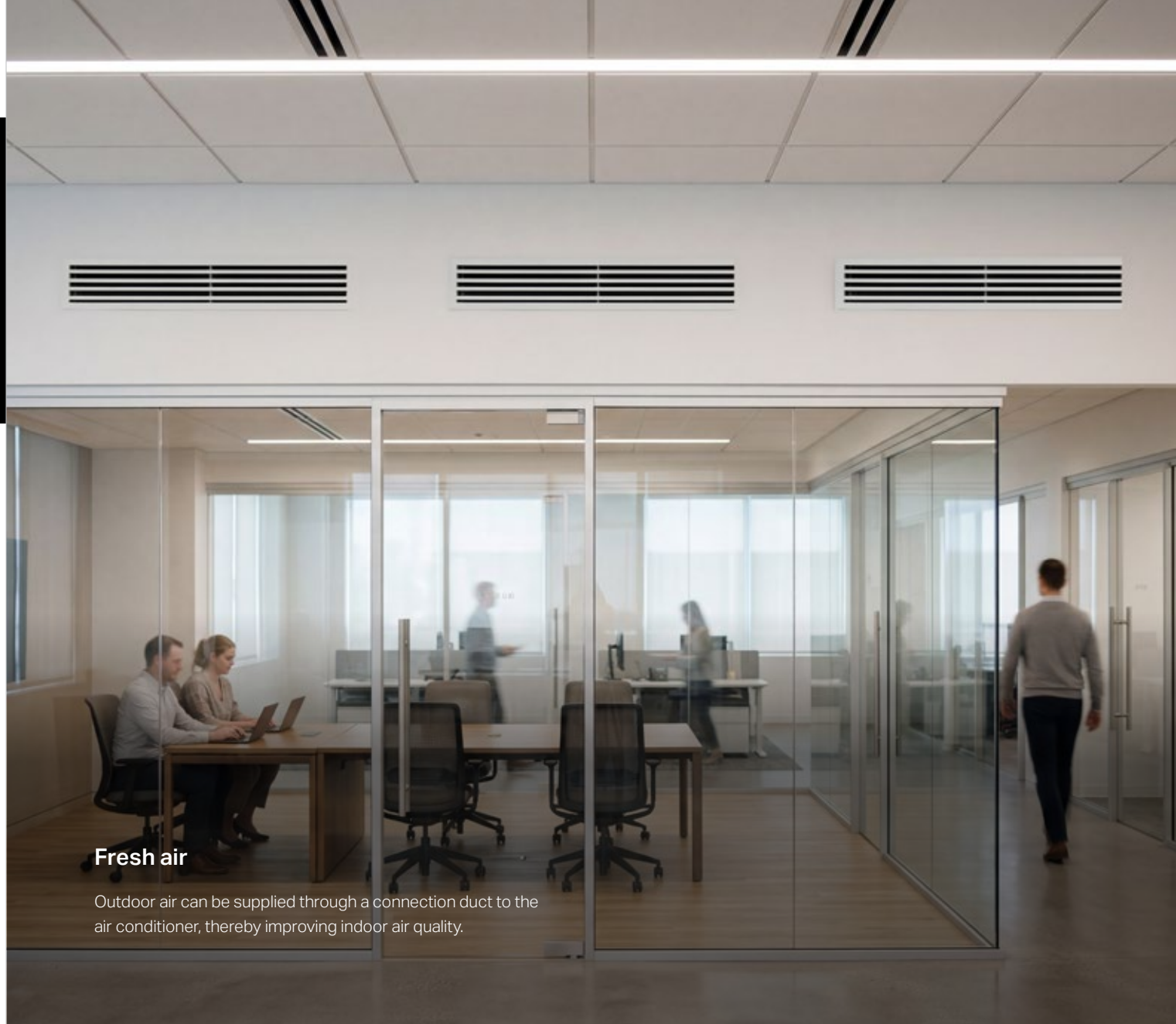
A⁺
CLASS





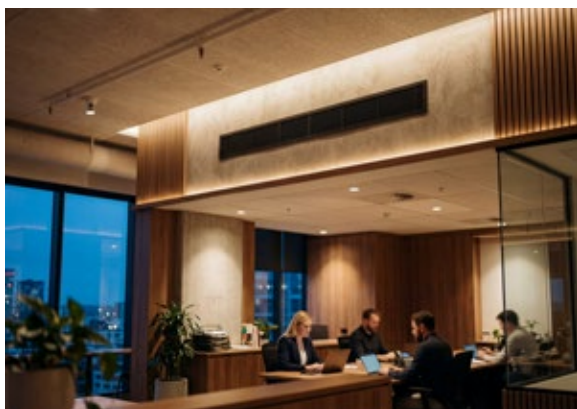
Features of the Kaisai KKR7

 Timer	 Single and Multi Split	 Port ON/OFF	 Wi-Fi Control	 Built-in Condensate Pump	 Stepless Fan Speed Control
 Auto Restart	 Self-Cleaning Evaporator	 Temperature Compensation	 Cold Air Intake Control	 Compressor heater and such condensate	 Quiet Operation
 Sleep Function	 Remote Controller Temperature Sensor	 Eco	 Gear Feature	 Port emergency	 Refrigerant Leak Alarm
 Electronic Pressure Relief Valve	 Twin Combination	 Wide Temperature Range	 Fresh air	 Turbo Mode	 Central Controller (optional)
 Emergency Use	 Self-Diagnosis	 Hotel Mode	 Modbus (optional)		



Fresh air

Outdoor air can be supplied through a connection duct to the air conditioner, thereby improving indoor air quality.



Gear Feature

Thanks to the ability to adjust the temperature and fan speed in Gear mode, you can control electricity consumption by determining the maximum operating intensity of the unit.



Built-in Condensate Pump

Thanks to the built-in condensate pump, condensate can be drained to a height of up to 1,000 mm.



Low noise level

The ability to set the minimum sound level of the device in an air-conditioned room.



Port ON/OFF

The air conditioner has a port that allows it to be turned on and off remotely from a great distance (using a potential-free signal).



Wi-Fi Module

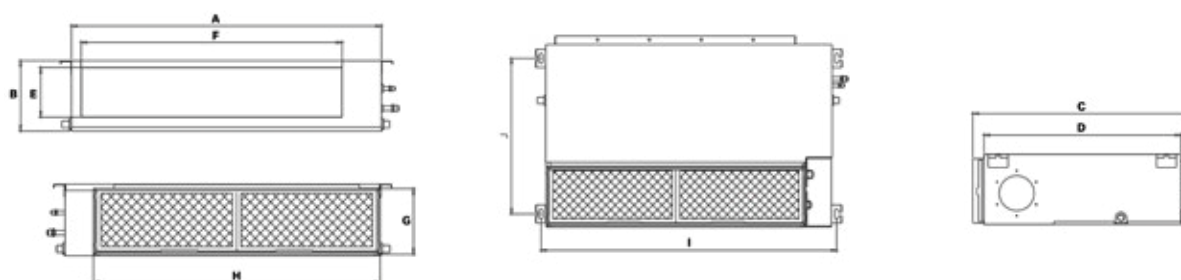
The Wi-Fi module lets you control your air conditioner using your phone or tablet from anywhere in the world.

Technical Specifications

Model	indoor unit		KKR7-12RRA1	KKR7-18RRA1
	outdoor unit		KOX230-12HFN32X	KOX330-18HFN32X
Capacity average (min–max)	cooling	kW	3,5 (0,5÷3,9)	5,3 (1,3÷6,2)
	heating		3,8 (1,0÷4,5)	6,0 (1,5÷6,3)
Energy efficiency class	cooling/heating		A++/A+	A++/A+
SEER	average	W/W	6,5	6,5
SCOP	average		4,1	4,1
Electric power consumption average (min–max)	cooling	W	1164 (155÷1465)	1590 (360÷2130)
	heating		1285 (302÷1423)	1615 (500÷1850)
Operating current average (min–max)	cooling	A	4,8 (1,3÷6,5)	7,1 (1,6÷9,4)
	heating		5,7 (1,5÷6,3)	7,2 (2,2÷8,1)
Airflow rate (Hi/Mi/Lo/Si)	indoor unit	m³/h	660/570/470	900/780/650
	outdoor unit		2200	2200
Available capacity	factory setting / max.		25/100	25/160
Cooling/Heating System	indoor unit	°C	16÷32/0÷30	16÷32/0÷30
	outdoor unit		-15÷50/-15÷24	-15÷50/-15÷24
Sound pressure level	indoor unit	dB(A)	35/33/31	36,5/34/31
	outdoor unit		55,5	56
Net dimensions (W/H/D)	indoor unit	mm	700×200×450	700×245×750
	outdoor unit		765×555×303	805×554×330
Transport dimensions (W/H/D)	indoor unit		860×285×540	925×298×850
	outdoor unit		887×337×610	915×615×370
Net weight	indoor unit	kg	16,6	24,4
	outdoor unit		26,6	26,6
Transport weight	indoor unit		19,8	29,0
	outdoor unit		29,0	29,0
Pipe diameter (liquid/gas)		mm	6,35/9,52 (1/4/3/8)	6,35/12,7 (1/4/1/2)
Max. installation length		m	25	30
Max. high difference		m	10	20
Power supply	indoor	V/Hz/Ph	220÷240/50/1	220÷240/50/1
	outdoor		220÷240/50/1	220÷240/50/1
Circuit breaker/fuse	outdoor	A	10	16
Power supply lines	indoor	No. of wires × mm²	3×1,5	3×1,5
	outdoor		3×2,5	3×2,5
Control lines	Indoor - Outdoor Unit		4×1,5	4×1,5
Factory amount of refrigerant	up to 5 mb	kg	0,71	1,15
Additional amount of refrigerant	area: 5 mb	g/m	12	12
Outer diameter of the condensate drain		mm	25	25

KKR7-24RRA1	KKR7-36RRA1	KKR7-36RRA1	KKR7-48RRA1	KKR7-55RRA1
KKOS-24RRA1	KOD30U-36HFN32X	KOD30U-36HFN32X	KKOS-48RRA3	KKOS-55RRA3
7,1 (3,2÷7,9)	10,6 (2,7÷11,7)	10,6 (2,8÷11,7)	14,1 (3,5÷15,8)	15,2 (4,1÷17,3)
8,0 (2,8÷8,6)	11,7 (2,78÷12,8)	11,7 (2,8÷12,6)	16,1 (4,1÷17,6)	18,2 (4,4÷20,5)
A++/A+	A++/A+	A++/A+	A++/A+	A++/A+
6,6	6,1	6,3	6,1	6,1
4,2	4,0	4,1	4,0	4,0
2280 (750÷2860)	3900 (890÷4200)	3950 (900÷4300)	4500 (810÷6450)	5250 (1030÷6650)
2000 (640÷2500)	3300 (780÷4000)	3250 (800÷3950)	4600 (950÷5800)	5150 (950÷6600)
10,0 (4,2÷12,6)	6,0 (1,4÷6,7)	17,5 (4,2÷19)	7,0 (1,8÷10,5)	8,1 (3,1÷11,5)
9,0 (3,8÷11)	5,3 (1,3÷6,4)	14,5 (3,5÷17,5)	8,0 (2,0÷9,0)	8,0 (2÷11,5)
1200/1000/700	1700/1400/1100	1700/1400/1100	2000/1700/1300	2200/1900/1500
3500	4000	4000	5600	5600
25/160	37/160	37/160	50/160	50/160
16÷32/0÷30	16÷32/0÷30	16÷32/0÷30	16÷32/0÷30	16÷32/0÷30
-15÷50/-20÷24	-15÷50/-15÷24	-15÷50/-15÷24	-15÷50/-20÷24	-15÷50/-20÷24
33,5/32,5/31	40/37/34	38/36/33	43,5/41,5/39,5	44,5/43/41,5
60	63	63	63,5	64
1000×245×750	1200×245×750	1200×245×750	1200×245×750	1200×300×750
890×673×342	946×810×410	946×810×410	952×1333×415	952×1333×415
1225×304×860	1425×304×860	1425×304×860	1425×304×860	1425×304×860
995×740×398	1090×885×500	1090×885×500	1145×1080×500	1145×1080×500
31,8	38,4	38,4	40,4	42,9
43,9	80,5	80,5	90,0	92,0
37,2	44,4	44,4	46,8	49,1
46,9	85,0	85,0	105,0	107,0
9,52/15,9 (%/%)	9,52/15,9 (%/%)	9,52/15,9 (%/%)	9,52/15,9 (%/%)	9,52/15,9 (%/%)
50	75	75	75	75
25	30	30	30	30
220÷240/50/1	220÷240/50/1	220÷240/50/1	220÷240/50/1	220÷240/50/1
220÷240/50/1	380÷420/50/3	220÷240/50/1	380÷420/50/3	380÷420/50/3
20	16	16	16	16
3×1,5	3×1,5	3×1,5	3×1,5	3×1,5
3×2,5	5×2,5	3×4,0	5×2,5	5×2,5
4×1,5	4×1,5	4×1,5	4×1,5	4×1,5
1,50	2,40	2,40	2,90	3,00
24	24	24	24	24
25	25	25	25	25

Unit Dimensions



Model	Dimensions [mm]									
	A	B	C	D	E	F	G	H	I	J
KKR7-12RRA1	700	200	506	450	537	152	599	186	741	360
KKR7-18RRA1	700	245	795	750	527	178	592	212	740	640
KKR7-24RRA1	1000	245	795	750	827	178	892	212	1040	640
KKR7-36RRA1	1200	245	795	750	1027	178	1092	212	1240	640
KKR7-48RRA1	1200	245	795	750	1027	178	1092	212	1240	640
KKR7-55RRA1	1200	300	795	750	1027	233	1092	267	1240	640

Included in the set



KJR-120N
Wired
Controller



RG10A
Remote
control
(optional)



KJR-12B
Wired
Controller
(optional)



CCM
Central
Controller
(optional)



KJR-120L
Controller
wired (optional)



Duct KTI

KTI 18 L 24 L 36 L 48 L 55 HWH32X

A ducted air conditioner designed for the efficient cooling of large commercial, office, and service spaces. Thanks to its ability to distribute air through ventilation ducts, it ensures even temperature distribution while remaining a virtually invisible part of the interior design.

R32
REFRIGERANT

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Kaisai KTI Features

 Timer	 Single and Multi Split	 Port ON/OFF	 Wi-Fi Control	 Built-in Condensate Pump	 Stepless Fan Speed Control
 Auto Restart	 Self-Cleaning Evaporator	 Temperature Compensation	 Cold Air Intake Control	 Compressor and condensate tray heater	 Quiet Operation
 Sleep Function	 Remote Controller Temperature Sensor	 Eco	 Gear Feature	 Port emergency	 Refrigerant Leak Alarm
 Electronic Pressure Relief Valve	 Twin Combination	 Wide temperature range	 Fresh air	 Turbo Mode	 Central Controller (optional)
 Emergency Use	 Self-Diagnosis	 Hotel Mode	 Modbus (optional)		



Low noise level

The ability to set the minimum sound level of the device in an air-conditioned room.



Emergency Use

If one of the sensors fails, the device continues to operate and can be used until the malfunction is corrected.



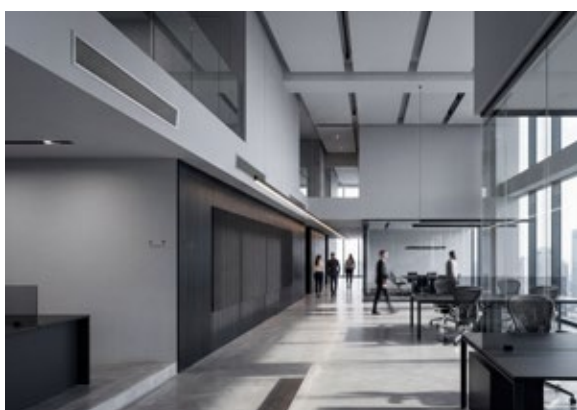
Heated condensation tray

The air conditioner is equipped with a heated condensation pan that allows condensate to drain freely directly beneath the unit or to be reused, for example, by diverting it to a rain-water collection tank.



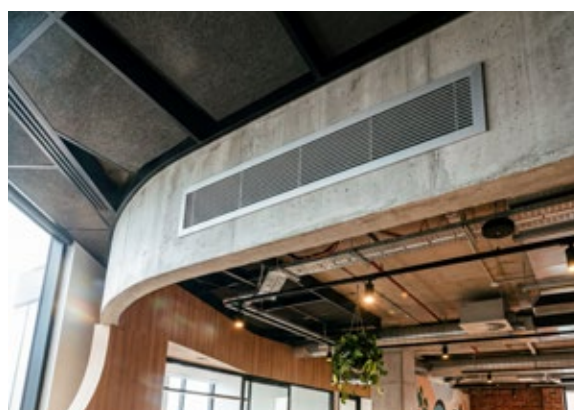
Fresh air

Outdoor air can be supplied through a connection duct to the air conditioner, thereby improving indoor air quality.



Built-in Condensate Pump

Thanks to the built-in pump, condensate can be drained to a height of up to 1,000 mm.



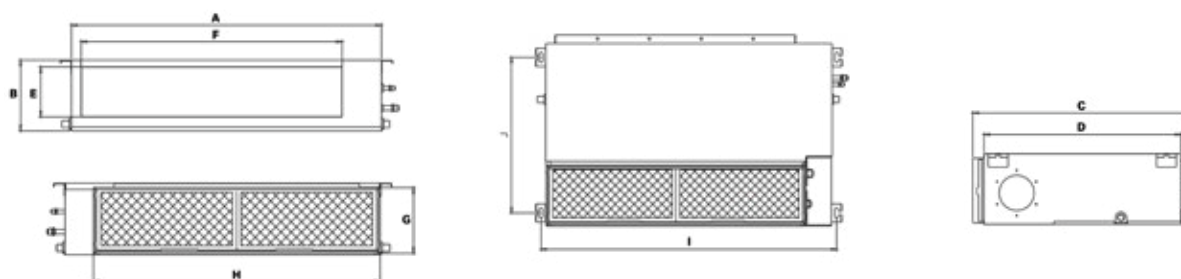
Wi-Fi Module

The Wi-Fi module lets you control your air conditioner using your phone or tablet from anywhere in the world.

Technical Specifications

KKR7	indoor unit		KTI-18HWH32X	KTI-24HWH32X	KTI-36HWH32X	KTI-36HWH32X	KTI-48HWH32X	KTI-55HWH32X
	outdoor unit		KOX330-18HFN32X	KOX430-24HFN32X	KOD30U-36HFJ32X	KOD30U-36HFN32X	KOE30U-48HFN32X	KOE30U-55HFN32X
Capacity average (min-max)	cooling	kW	5,3 (2,6÷5,9)	7,0 (3,3÷8,2)	10,6 (2,8÷11,1)	10,6 (2,7÷11,8)	14,1 (3,5÷15,5)	15,2 (4,1÷17,3)
	heating	kW	5,6 (2,2÷6,2)	7,6 (2,8÷8,5)	11,7 (2,8÷12,8)	11,7 (2,8÷12,8)	16,1 (4,1÷18,2)	18,2 (4,4÷20,5)
Energy class	cooling/heating		A++/A+	A++/A+	A++/A+	A++/A+	A++/A+	A++/A+
SEER	average	W/W	6,5	6,2	6,2	6,1	6,1	6,1
SCOP	average	W/W	4,0	4,0	4,0	4,0	4,0	4,0
Electric power consumption average (min-max)	cooling	W	1530 (710÷2150)	2190 (750÷2960)	3950 (900÷4150)	4000 (890÷4200)	4800 (880÷6000)	5250 (1030÷6650)
	heating	W	1510 (740÷1760)	1900 (640÷2580)	3250 (800÷3950)	3250 (780÷4000)	4500 (950÷5700)	5150 (950÷6600)
Operating current average (min-max)	cooling	A	7,1 (3,2÷9,6)	10,2 (4,2÷13,2)	17,5 (4,2÷18,5)	6,5 (1,4÷6,7)	8,4 (1,9÷10,4)	9,6 (3,1÷11,5)
	heating	A	6,8 (3,3÷7,7)	9,2 (3,8÷11,6)	14,5 (3,5÷17,5)	5,3 (1,3÷6,4)	8,0 (2,0÷9,8)	9,5 (2,0÷11,5)
Airflow rate (Hi/Mi/Lo/Si)	indoor	m³/h	911/706/515	1229/1035/825	2100/1800/1500	2100/1800/1500	2400/2040/1680	2600/2210/1820
	outdoor	m³/h	2200	3500	4000	4000	7500	7500
Available capacity		Bye	25/100	25/160	37/160	37/160	50/160	50/160
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	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	-15÷50/-15÷24
Sound pressure level	indoor	dB(A)	41/38/34/26	42/40/37/27	49,5/48/46/42	49,5/48/46/42	50/49/47/42	52,5/49/47/42
	outdoor	dB(A)	56	60	63	63	63,5	64
Net dimensions (W/H/D)	indoor	mm	880×210×674	1100×249×774	1360×249×774	1360×249×774	1200×300×874	1200×300×874
	outdoor	mm	805×554×330	890×673×342	946×810×410	946×810×410	952×1333×415	952×1333×415
Transport dimensions (W/H/D)	indoor	mm	1070×280×725	1305×315×805	1570×330×805	1570×330×805	1405×365×915	1405×365×915
	outdoor	mm	915×615×370	995×740×398	1090×885×500	1090×885×500	1095×1480×495	1095×1480×495
Net weight	indoor	kg	24,4	32,3	40,5	40,5	47,4	47,6
	outdoor	kg	26,6	43,9	66,9	80,5	103,7	107,0
Transport weight	indoor	kg	29,6	39,1	48,2	48,2	55,8	56,1
	outdoor	kg	29,0	46,9	71,5	85,0	118,3	121,2
Pipe diameter (liquid/gas)		mm	6,35×12,7 (1/4/1/2)	9,52×15,9 (3/8/5/8)	9,52×15,9 (3/8/5/8)	9,52×15,9 (3/8/5/8)	9,52×15,9 (3/8/5/8)	9,52×15,9 (3/8/5/8)
Max. installation length		m	30	50	75	75	75	75
Max. high difference		m	20	25	30	30	30	30
Power supply	outdoor	V/Hz/Ph	220÷240/50/1	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	16	20	25	16	16	16
Cables power supply	outdoor	No. of wires x mm²	3×2,5	3×2,5	3×4,0	5×2,5	5×2,5	5×2,5
Control lines	indoor, outdoor	No. of wires x mm²	4×1,5	4×1,5	4×1,5	4×1,5	4×1,5	4×1,5
Factory amount of refrigerant	up to 5 mb	kg	1,15	1,50	2,40	2,40	2,90	3,00
Additional area: 5 mb		g/m	12	24	24	24	24	24
Outer diameter of the condensate drain		mm	25	25	25	25	25	25

Unit **Dimensions**



Model	Dimensions [mm]									
	A	B	C	D	E	F	G	H	I	J
KTI-18HWH32X	880	210	674	600	136	706	190	782	920	508
KTI-24HWH32X	1100	249	774	700	175	926	228	1001	1140	598
KTI-36HWH32X	1360	249	774	700	175	1186	228	1261	1400	598
KTI-48HWH32X, KTI-55HWH32X	1200	300	874	800	227	1044	280	1101	1240	697

Included in the set



KJR-120N
Wired
Controller



RG10A
Remote
control
(optional)



KJR-12B
Wired
Controller
(optional)



CCM
Central
Controller
(optional)



KJR-120L
Controller
wired (optional)

Condensing units

KOX / KOD / KOE / KKOS

Inverter-driven condensing units are equipped with a control module that allows a universal outdoor unit to be connected to the refrigerant heat exchanger in the air handling unit.

This solution allows the condensing unit's capacity to be controlled via a 0–10 V signal sent from the air handling unit's control system. Operation is possible in both cooling and heating modes. The units feature built-in expansion valves, eliminating the need for additional refrigeration fittings. Kaisai condensing units may only be used with air handling units equipped with safety features due to the flammable properties of R32 refrigerant.

R32
REFRIGERANT

A⁺
CLASS



Unit Dimensions

Model			KOX230-12HFN32X	KOX330-18HFN32X	KOX430-24HFN32X
Capacity average (min-max)	cooling	kW	3,5 (0,8÷4,1)	5,3 (2,7÷5,9)	7,0 (3,2÷7,8)
	heating	kW	3,8 (0,5÷4,3)	5,6 (2,4÷6,3)	7,6 (2,7÷8,3)
Energy efficiency class	cooling/heating		A++/A+	A++/A+	A++/A+
SEER	average	W/W	6,6	6,2	6,1
SCOP	average	W/W	4,1	4,0	4,0
Electric power consumption average (min-max)	cooling	W	1010 (168÷1434)	1450 (670÷2027)	2300 (747÷2930)
	heating	W	1019 (124÷1376)	1500 (540÷1640)	2050 (650÷2850)
Operating current average (min-max)	cooling	A	4,4 (1,3÷6,3)	6,0 (3,2÷9,0)	10,5 (3,9÷13,1)
	heating	A	4,7 (1,0÷6,1)	6,6 (2,7÷7,3)	9,5 (3,5÷12,7)
Airflow rate (Hi/Mi/Lo/Si)		m³/h	2100	2200	3500
Operating temperature	cooling/heating	°C	-15÷50/-15÷24	-15÷50/-15÷24	-15÷50/-15÷24
Sound pressure level		dB(A)	53,6	56	60
Net dimensions (W/H/D)		mm	765×555×303	805×554×330	890×673×342
Transport dimensions (W/H/D)		mm	887×610×337	915×615×370	995×740×398
Net weight		kg	26,6	26,6	43,9
Transport weight		kg	29,0	29,0	46,9
Pipe diameter (liquid/gas)		mm	6,35/9,52	6,35/12,7	9,52/15,9
Max. installation length		m	25	30	50
Max. high difference		m	10	20	25
Power supply		V/Hz/Ph	220÷240/50/1	220÷240/50/1	220÷240/50/1
Circuit breaker/fuse		A	16	16	20
Power supply lines	No. of wires × mm²		3×2,5	3×2,5	3×2,5
Control lines			4×1,5	4×1,5	4×1,5
Factory amount of refrigerant	up to 5 mb	kg	0,72	1,15	1,50
Additional amount of refrigerant	area: 5 mb	g/m	12	12	24

Included in the set



KOX230-12HFN32X
KOX330-18HFN32X
KOX430-24HFN32X
KOD30U-36HFN32X
KOD30U-36HFN32X
KKOS-24RRA1



KOE30U 48 L 55 HFN32X



KKOS-48/55 RRA3



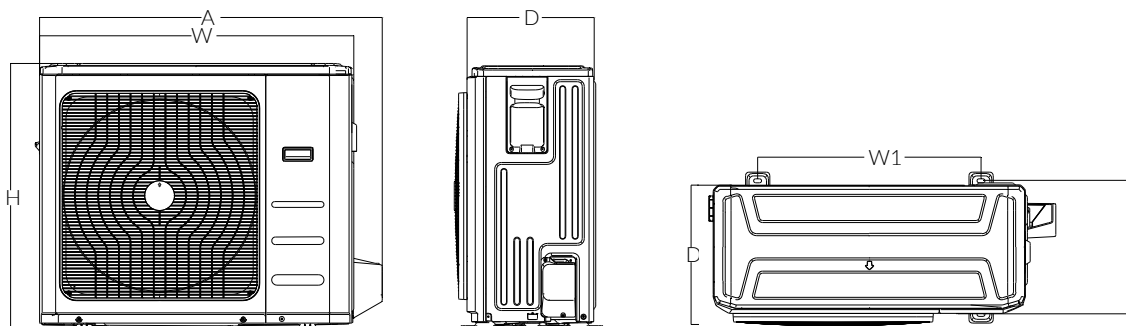
Control Module
KMS-8142

Technical Specifications

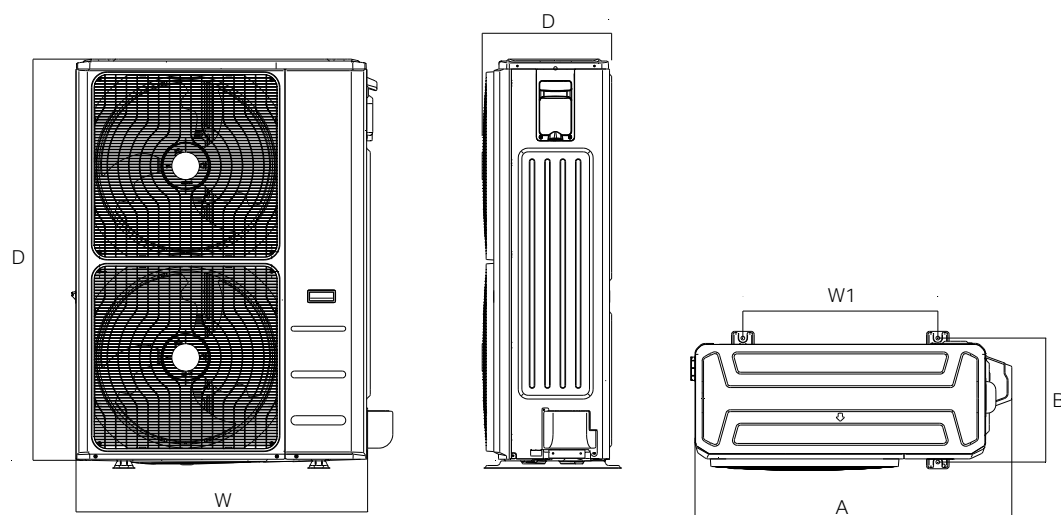
MODEL			KKOS-24RRA1	KOD30U-36HFJ32X	KOD30U-36HFN32X	KOE30U-48HFN32X	KKOS-48RRA3	KOE30U-55HFN32X	KKOS-55RRA3
Capacity average (min-max)	cooling	kW	7,1 (3,2÷7,9)	10,6 (2,7÷11,4)	10,6 (2,7÷11,8)	14,1(3,5÷15,2)	14,1 (3,5÷15,8)	15,8(4,1÷16,7)	15,2 (4,1÷17,3)
	heating	kW	8,0 (2,8÷8,6)	11,7 (2,8÷12,8)	11,7 (2,8÷12,8)	16,1(4,1÷17,0)	16,1 (4,1÷17,6)	18,2(4,4÷19,6)	18,2 (4,4÷20,5)
Energy efficiency class	cooling/ heating		A++/A+	A++/A+	A++/A+	A++/A+	A++/A+	A++/A+	A++/A+
SEER	average	W/W	6,6	6,2	6,4	6,1	6,1	6,1	6,1
SCOP	average	W/W	4,2	4,0	4,1	4,0	4,0	4,0	4,0
Electric power consumption average (min-max)	cooling	W	2280 (750÷2860)	3900 (900÷4250)	40000 (890÷4300)	5000(900÷5950)	4500 (810÷6450)	5650(1100÷6650)	5250 (1030÷6650)
	heating	W	2000 (640÷2500)	3350 (800÷3950)	3350 (780÷3950)	5100(1000÷6050)	4600 (950÷5800)	6050(1050÷7100)	5150 (950÷6600)
Operating current average (min-max)	cooling	A	10,0 (4,2÷12,6)	17,0 (4,2÷19,0)	6,3 (1,4÷6,8)	8,8(1,9÷10,3)	7,0 (1,8÷10,5)	9,7(3,2÷11,5)	8,1 (3,1÷11,5)
	heating	A	9,0 (3,8÷11)	15,0 (3,5÷17,5)	5,4 (1,3÷6,2)	8,9(2,1÷10,5)	8,0 (2,0÷9,0)	10,5(2,2÷12,0)	8,0 (2,0÷11,5)
Airflow rate (Hi/Mi/Lo/Si)		m³/h	3500	4000	4000	7500	5600	7500	5600
Operating temperature cooling		°C	-15÷50/-20÷24	-15÷50/-15÷24	-15÷50/-15÷24	-15+50/-15+24	-15÷50/-20÷24	-15+50/-15+24	-15÷50/-20÷24
Sound pressure level		dB(A)	60	63	63	63,5	63,5	64	64
Net dimensions (W/H/D)		mm	890×673×342	946×810×410	946×810×410	952/1333/415	952×1333×415	952/1333/415	952×1333×415
Transport dimensions (W/H/D)		mm	995×740×398	1090×885×500	1090×885×500	1095/1480/495	1145x1080x500	1095/1480/495	1145x1080x500
Net weight		kg	43,9	66,9	80,5	103,7	90,0	107,0	92,0
Transport weight		kg	46,9	71,5	85,0	118,3	105,0	121,2	107,0
Pipe diameter (liquid/gas)		mm (in)	9,52/15,9 (%/%)	9,52/15,9 (%/%)	9,52/15,9 (%/%)	9,52/15,9 (%/%)	9,52/15,9 (%/%)	9,52/15,9 (%/%)	9,52/15,9 (%/%)
Max. installation length		m	50	75	75	75	75	75	75
Max. high difference		m	25	30	30	30	30	30	30
Power supply		V/Hz/ Ph	220÷240/50/ 1	220÷240/50/1	380÷420/50/3	380-420/50/3	380÷420/50/3	380-420/50/3	380÷420/50/3
Circuit breaker/fuse		A	20	25	16	16	16	16	16
Power supply lines		No. of 3x2,5 wires		3x4,0	5x2,5	5x2,5	5x2,5	5x2,5	5x2,5
Control lines		mm²	4x1,5	4x1,5	4x1,5	4x1,5	4x1,5	4x1,5	4x1,5
Factory amount of refrigerant	up to 5 mb	kg	1,50	2,40	2,40	2,90	2,90	3,00	3,00
Additional amount of refrigerant	area: 5 mb	g/m	24	24	24	24	24	24	24

Unit Dimensions

KOX230-12HFN32X, KOX330-18HFN32X, KOX430-24HFN32X, KOD30U-36HFJ32X, KOD30U-36HFN32X



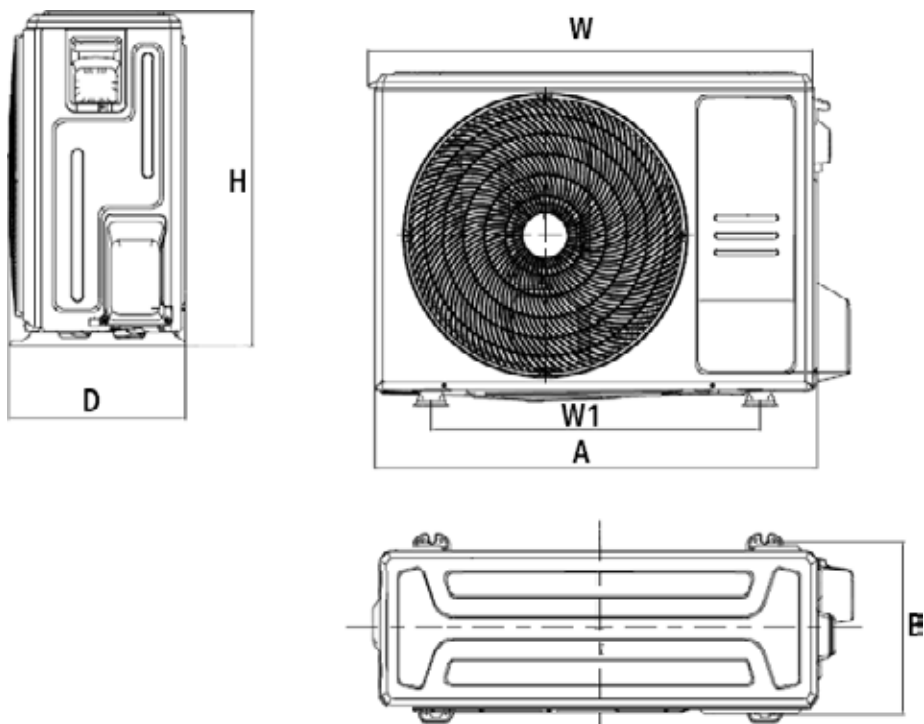
KOE30U-48HFN32X, KOE30U-55HFN32X



MODEL	DIMENSIONS [mm]					
	W	D	H	W1	A	B
KOX230-12HFN32X	765	303	555	452	835	286
KOX330-18HFN32X	805	330	554	511	874	317
KOX430-24HFN32X	890	342	673	663	955	348
KOD30U-36HFJ32X	946	410	810	673	1030	403
KOD30U-36HFN32X	946	410	810	673	1030	403
KOE30U-48HFN32X	952	415	1333	634	1045	404
KOE30U-55HFN32X	952	415	1333	634	1045	404

Unit Dimensions

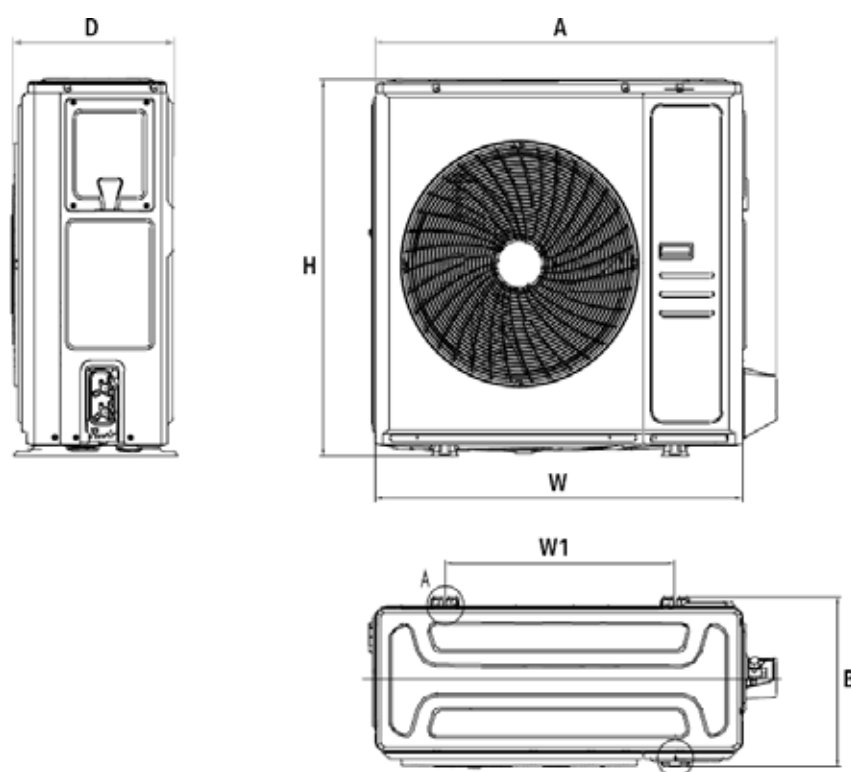
KKOS-24RRA1



MODEL	DIMENSIONS [mm]					
	W	D	H	W1	A	B
KKOS-24RRA1	895	342	673	663	955	348

Unit **Dimensions**

KKOS-48RRA3 and KKOS-55RRA3



MODEL	DIMENSIONS [mm]					
	W	D	H	W1	A	B
KKOS-48RRA3	980	430	975	616	1073	397
KKOS-55RRA3	980	430	975	616	1073	397

Twin System

The TWIN simultaneous system allows you to connect two indoor units of the same type and capacity to a single outdoor unit. This solution improves air distribution in air-conditioned rooms and saves installation space by requiring only one outdoor unit. This system is ideal for cooling large spaces such as conference and banquet halls, open-plan offices, restaurants, and other commercial and service facilities. In

a TWIN system, one indoor unit must be set as the master, and the other as the slave. Only the master unit can receive control signals from the remote control; the slave unit merely replicates the settings of the master unit.



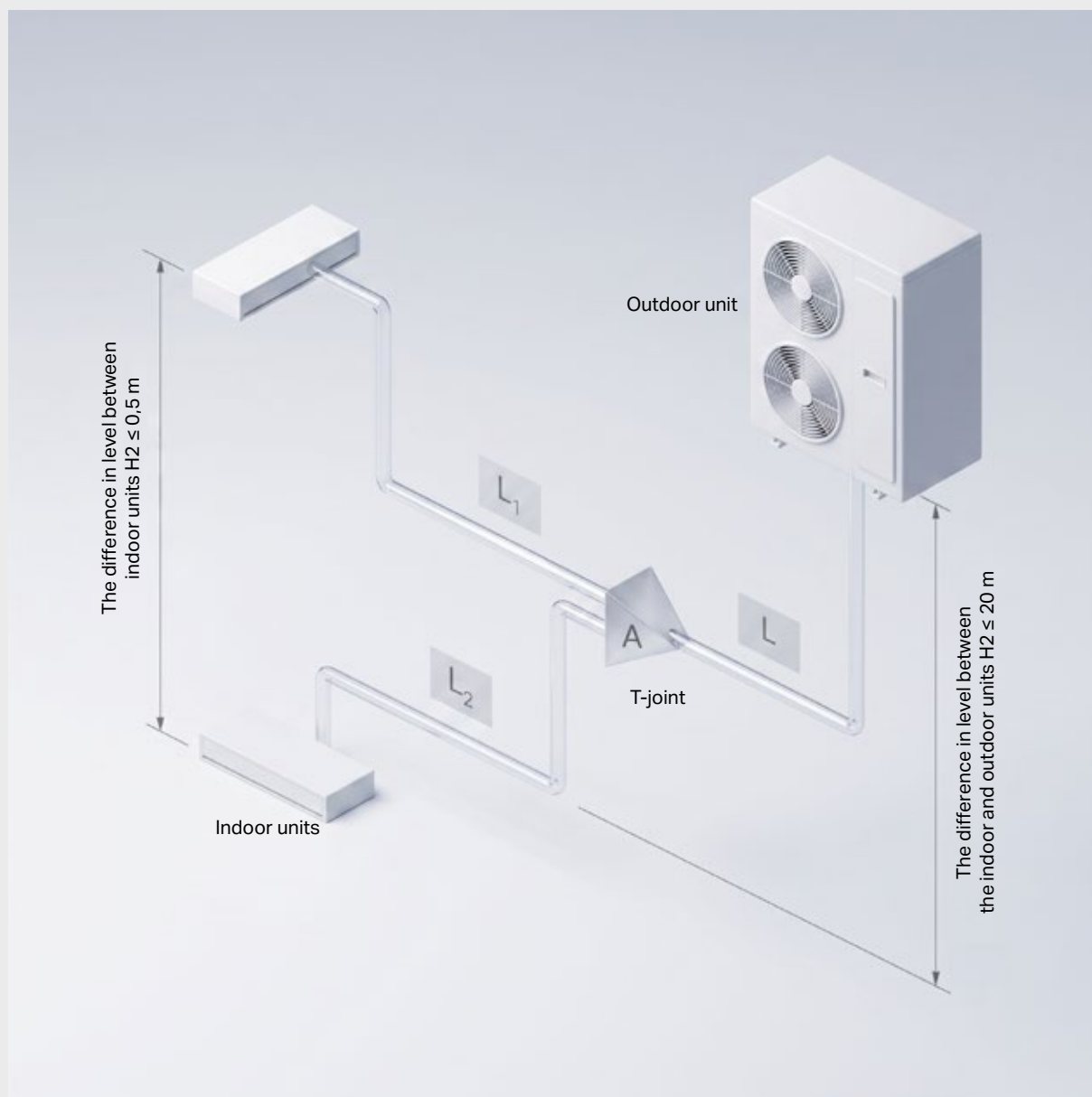
Outdoor unit	Indoor unit	T-joint
 KKOS-24RRA1	2 x KCA4U-12HRG32X	KWAAFG-00B
	2 x KKR7-12RRA1	
 KOD30U-36HFN(J)32X	2 x KUE-18HRG32X 2 x KCA4U-18HRG32X	KWAAFG-00B
	2 x KKR7-18RRA1	
 KOE30U-48HFN32X /KKOS-48RRA3	2 x KCD-24HRG32X	KWAAFG-00B
	2 x KUE-24HRG32X	
	2 x KTI-24HWH32X /KKR7-24RRA1	

For the KCA4U compact cassette units and KKR7 duct units, it is possible to install dual, triple, and quadruple simultaneous systems. Technical details can be found in the service manual for cassette and duct air conditioners.

System Installation Diagram

Simultaneous **Twin**

To prevent system malfunctions, use Kaisai brand T-fittings. Install the indoor units at equal distances on both sides of the U-type T-fitting.



		Permissible value		Installation
Installation Length	Total length of the system (active)	12K + 12K	50 m	L+L1+L2
		18K+18K	50m	
		24K+24K	50m	
	Maximum branch length		65m	L1, L2
The Difference levels	Maximum difference in branch lengths		10m	L1-L2
	Maximum height difference between the indoor and outdoor units		20m	H1
	Maximum height difference between indoor units		0,5m	H2

Everything under control

KAISAI's modern remote controls and controllers provide convenient and intuitive management of air conditioning systems. Both wireless and wired models allow for precise control of key unit parameters, such as temperature, operating mode, fan speed, and operating schedule.

A wide range of controllers allows you to tailor the operating mode to the nature of the facility and the user's individual preferences. Intuitive interfaces and easy access to functions ensure comfort in everyday use, while advanced control options help optimize system performance and improve energy efficiency. As a result, all air conditioning parameters remain under full control at all times.



Remote Controllers



RG10A4
Remote Controller

Remote control designed specifically for Fly Series wall-mounted air conditioners

Basic functions: On/Off | Operating mode | Air temperature | Fan speed | Timer | Temperature sensor in the remote control | Automatic louver function | Airflow direction | Turbo function | Evaporator self-cleaning | 8°C constant heating function | Eco function



RG10D4
Remote controller

Remote control designed specifically for the Fly+ series of air conditioners

Basic Functions: On/Off | Operating Mode | Air Temperature | Fan Speed | Timer | Temperature Sensor in the Remote Control | Automatic Louver Function | Airflow Direction | Turbo Function | Evaporator Self-Cleaning | 8°C Constant Heating Function | Eco Function | Gear Function



RG10B1
Remote controller

Remote control designed specifically for Geo wall-mounted air conditioners

Basic functions: On/Off | Operating mode | Air temperature | Fan speed | Timer | Temperature sensor in the remote control | Automatic louver function | Airflow direction | Turbo function | Evaporator self-cleaning | 8°C constant heating function | Eco function



RG10L5
Remote controller

Remote control designed specifically for Nordic air conditioners

Basic Functions: On/Off | Operating Mode | Air Temperature | Fan Speed | Timer | Temperature Sensor in the Remote Control | Automatic Blind Function | Airflow Direction | ECO Mode/GEAR Mode/Motion Detection



RG10N2
Remote controller

Remote control designed for super-slim cassette air conditioners and compact cassette air conditioners

Basic Functions: On/Off | Operating Mode | Air Temperature | Fan Speed | Timer | VANE Function | Clock/ECO Function/GEAR Function/Breeze Away Function/Temperature Sensor in the Remote Control



RG10A, RG10A1
Remote controller

Remote control designed for the Ice series of floor-to-ceiling, console, and wall-mounted models.

Basic Functions: On/Off | Operating Mode | Air Temperature | Fan Speed | Timer | Temperature Sensor in the Remote Control | Automatic Blind Function | Airflow Direction | ECO Function | Ionization Function | Constant Heating Function at 8°C

Remote Controllers



RG10LL

Remote controller

Remote control designed specifically for KKFS-24 M-line floor-mounted air conditioners

Basic Functions: On/Off | Operating Mode | Air Temperature | Fan Speed | Timer | Temperature Sensor in the Remote Control | Automatic Blind Function | Airflow Direction | ECO Function



RG10F18

Remote controller

Remote control designed specifically for KKFS-48 M-line floor-mounted air conditioners

Basic Functions: On/Off | Operating Mode | Air Temperature | Fan Speed | Timer | Temperature Sensor in the Remote Control | Automatic Blind Function | Airflow Direction | ECO Function



KJR-12B

Wired controller

Optional controller for wall-mounted, cassette, ducted, and floor-to-ceiling air conditioners in the M-line series

Basic functions: On/Off | Operating mode | Air temperature | Fan speed | Timer | Temperature sensor in the remote control | Automatic louver function



KJR-120N

Wired controller

Standard controller for ducted air conditioners and optional controller for Ice and Fly+ wall-mounted, cassette, and floor-to-ceiling air conditioners.

Basic Functions: On/Off | Operating Mode | Air Temperature | Fan Speed | Timer | Weekly Timer/Temperature Sensor in the Remote Control



CCM

Central Controller

Optional controller for air conditioners: cassette units, Ice and Fly+ wall-mounted units, floor-to-ceiling units, and ducted units.

Capable of controlling up to 64 indoor units. In addition to standard functions, it offers locking options for: operating mode, individual controllers, and central controller buttons. The maximum length of communication cables is 1,200 m.



KJR-120L

Wired controller

Optional controller for air conditioners: wall-mounted cassette units, ducted units, and floor-ceiling units of the M-line series

Basic functions: On/Off | Operating mode | Air temperature | Fan speed | Timer | Temperature sensor in the remote control | Automatic louver function



WRCT01

Remote controller

Optional remote control for wall-mounted air conditioners in the Pro Heat+, Evo, Air, and Art series

Basic functions: On/Off | Operating mode | Air temperature | Fan speed | Timer | Weekly timer | Temperature sensor in the remote control



KWA-HQ

Remote controller

KWA-HQ Wireless Remote Control Designed for T-line Series Portable Air Conditioners

Basic Functions: On/Off | Operating Mode | Air Temperature | Fan Speed | Timer | Automatic Louver Function | Airflow Direction



85T

Remote controller

Remote control designed specifically for wall-mounted air conditioners in the Pro Heat+ Evo and Air series, and console units in the T-line series

Basic Functions: On/Off | Operating Mode | Air Temperature | Fan Speed | Timer | Turbo | Clock | ECO Mode | 8°C Constant Heating Mode



85TH

Remote controller

A remote control designed specifically for Art Series wall-mounted air conditioners and available as an option for the EVO, AIR, and T-line Series console units

Basic Functions: On/Off | Operating Mode | Air Temperature | Fan Speed | Timer | Turbo | Clock | ECO Mode | 8°C Constant Heating Mode | Hotel Mode



KWA-T1

Remote controller

Remote control designed specifically for Geo+ series air conditioners

Basic Functions: On/Off | Operating Mode | Air Temperature | Fan Speed | Timer | Temperature Sensor in the Remote Control | Automatic Blind Function | Airflow Direction



KWA-T2

Remote controller

Remote control designed for KKFS-48 floor-mounted air conditioners and portable air conditioners from the A-line series

Basic Functions: On/Off | Operating Mode | Air Temperature | Fan Speed | Timer | Temperature Sensor in the Remote Control | Automatic Blind Function | Airflow Direction

Accessories

Functionality and Comfort





Modbus Gateway
MD-AC-MBS1

Applies to select models of the M-line series air conditioners

The gateway allows the air conditioner to be connected to the BMS central control system.



Wi-Fi Module
For management in the KAISAI X/X Lite system

Applies to M-line series air conditioners

This module allows you to control your air conditioner using the KAISAI X system—all Kaisai devices in a single app.



OSK105/109
Wi-Fi Module

Applies to M-line series air conditioners

The module allows you to control a split-type air conditioner using a smartphone or tablet.



LCAC
Wi-Fi Module

Applies to air conditioners floor-to-ceiling

The module allows you to control a split-type air conditioner using a smartphone or tablet.



SPN-IR

Sequential Operation Controller

Applies to all split-system air conditioner models

It is used to control the operation of 2 air conditioners (optionally 4) on an alternating (rotating) basis. The controller communicates with the air conditioners via an infrared module (it replicates the signal from the wireless remote control).



TS4

Sequential Operation Controller

**Applies to select air conditioner models
split units with an ON/OFF port**

It is used to control the operation of 2 to 4 devices in a rotating schedule mode. The TS4 controller replaces timers and other complex electrical systems and communicates with air conditioners via a wired connection.



Wi-Fi Adapter

Applies to KFAU console air conditioners

This adapter allows you to connect the OSK 105 or 109 Wi-Fi module to the air conditioner's control board.



Diagnostic Module

Dr. Smart

Applies to all M-line series air conditioners

The diagnostic module allows you to read the operating parameters of split-type air conditioners and facilitates their diagnosis and repair.

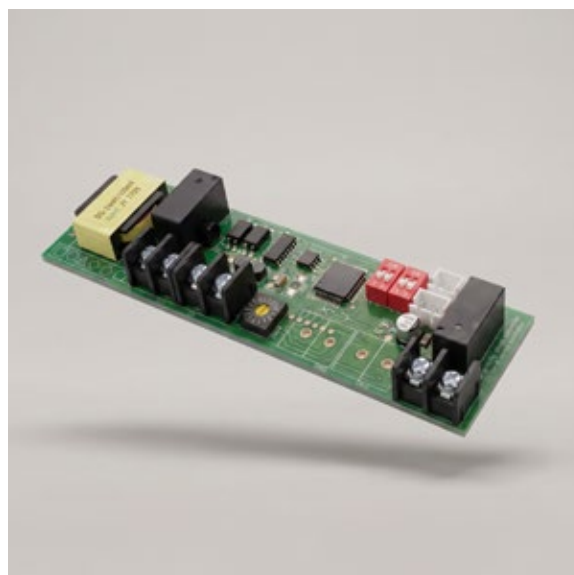


KMS-8142

Control module for an air handling unit

**Applies to M-line series condensing units
with L, N, and S communication lines**

The module allows you to control an inverter-driven condensing unit using a 0–10 V DC signal from the air handling unit's control system.



MFB ICE 09-18 and MFB ICE 24

Extension Module

Applies to ICE air conditioners

Allows connection of: the KJR-120N wired controller, the CCM central controller, a Modbus gateway, an ON/OFF control signal, and an alarm signal output



MFB FLY +

Extension Module

Applies to FLY+ air conditioners

Allows connection of: the KJR-120N wired controller, the CCM central controller, a Modbus gateway, an ON/OFF control signal, and an alarm signal output.



KWAAFG-00B

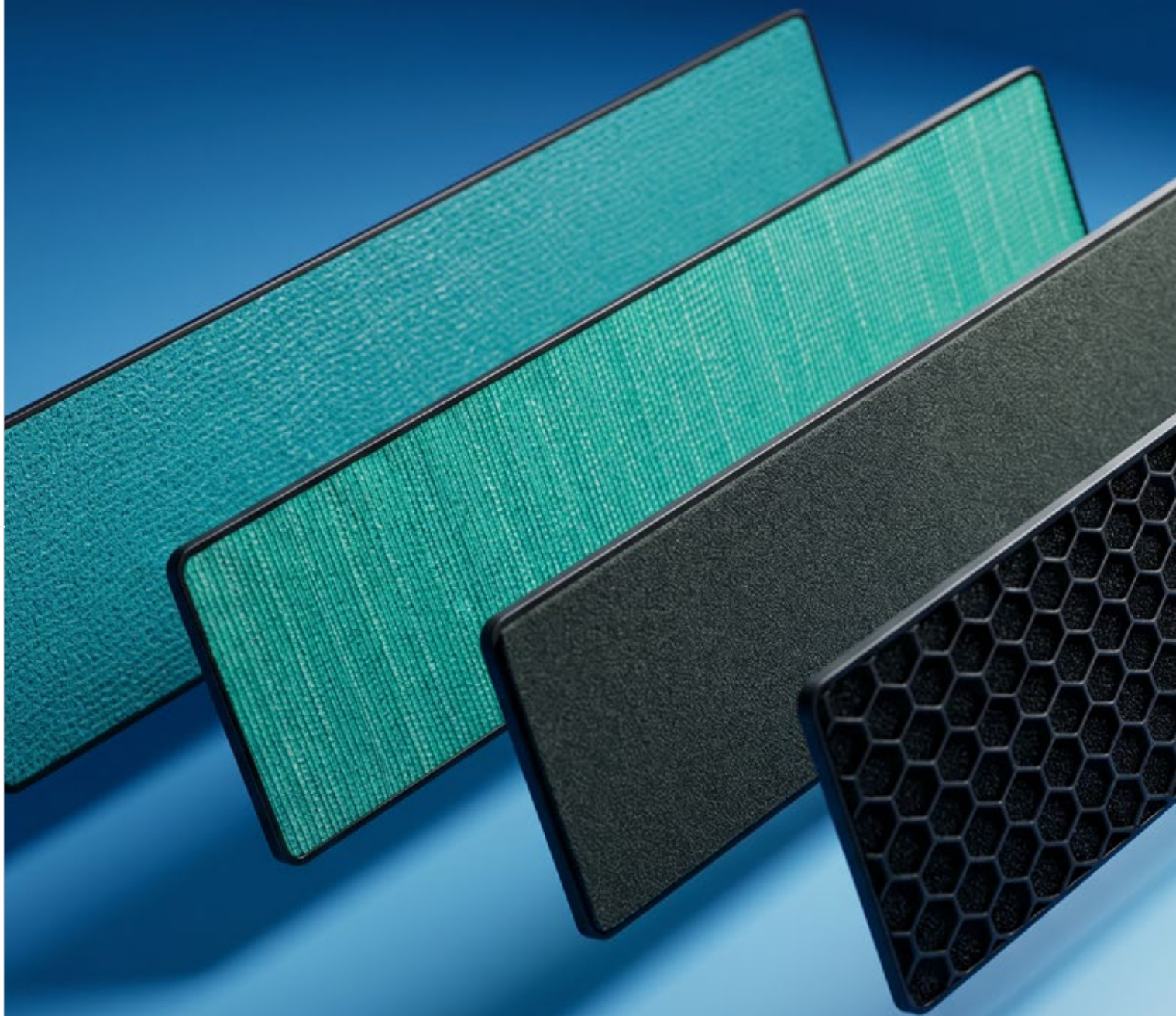
Branch pipe

For the Twin simultaneous systems

Branch pipes are necessary for installing the Twin simultaneous cooling system.

For the sake of health

and user comfort

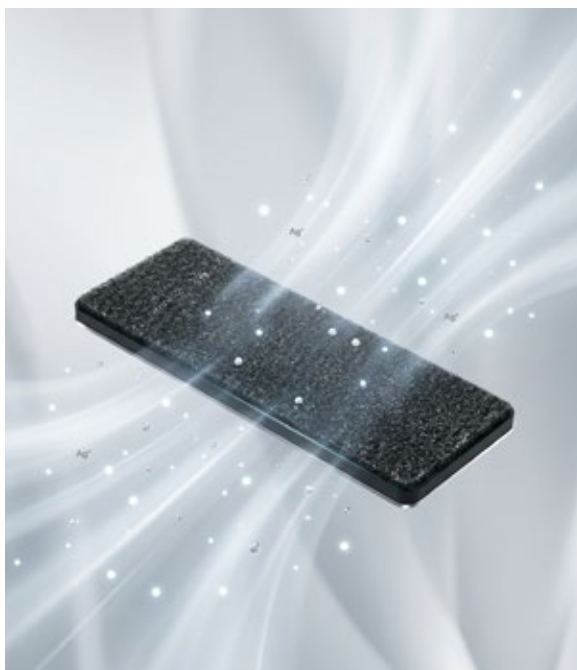




The advanced filters used in Kaisai products ensure clean and fresh air in air-conditioned rooms. The filters capture very small dust particles, bacteria, fungi, and microorganisms, leaving the air healthy and clean.

Self-cleaning of the heat exchanger

To ensure the highest standards of hygiene and user comfort, Kaisai units feature the latest self-cleaning technology for the indoor heat exchanger. After operation, the air conditioner enters cleaning mode. During this process, it removes any moisture that may have accumulated inside the unit, which prevents the growth of microorganisms and mold.



Silver-Ion Filter

The silver-ion filter is responsible for destroying bacteria and preventing the growth of microorganisms such as viruses and fungi. The indoor structure of the silver ions destroys microorganisms.



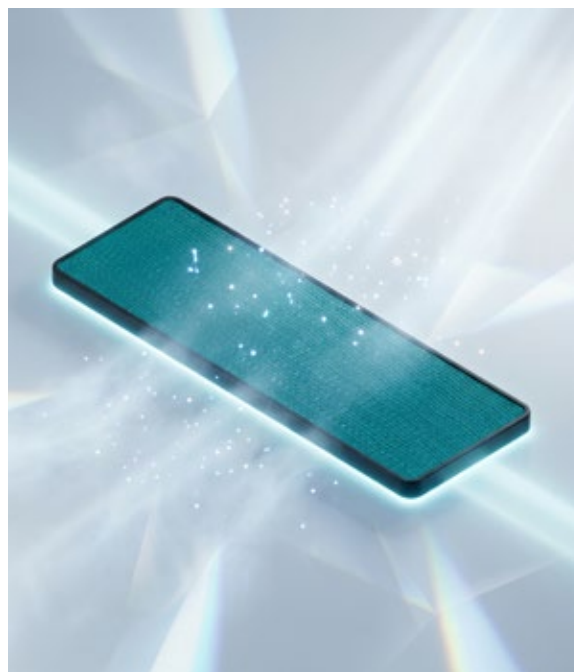
Vitamin C Filter

The filter releases vitamin C, which has a positive effect on the skin by protecting it from the sun's rays. As an active antioxidant, vitamin C nourishes the skin, stimulates collagen production, and reduces stress.



High-Density Filter

The use of high-density filters significantly increases the efficiency of contaminant retention—by as much as 50%.



3M Filter

Thanks to its unique design, the filter captures dust particles and other harmful substances from the air that can cause many respiratory diseases.



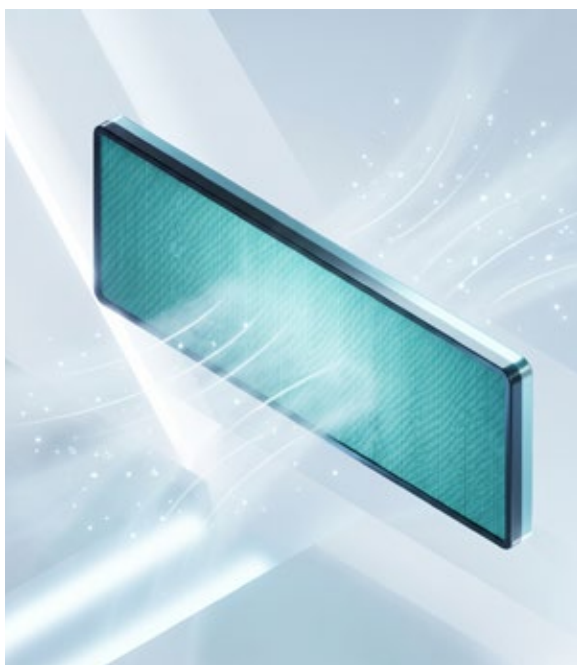
3-Filter Combination

The three-color multifunctional filter consists of a yellow vitamin filter, a black activated carbon filter, and a red filter that neutralizes formaldehyde. This filter is capable of capturing and filtering fine dust and smoke, adsorbing unpleasant odors, breaking down formaldehyde in the air, and releasing vitamin C, making the air cleaner and fresher.



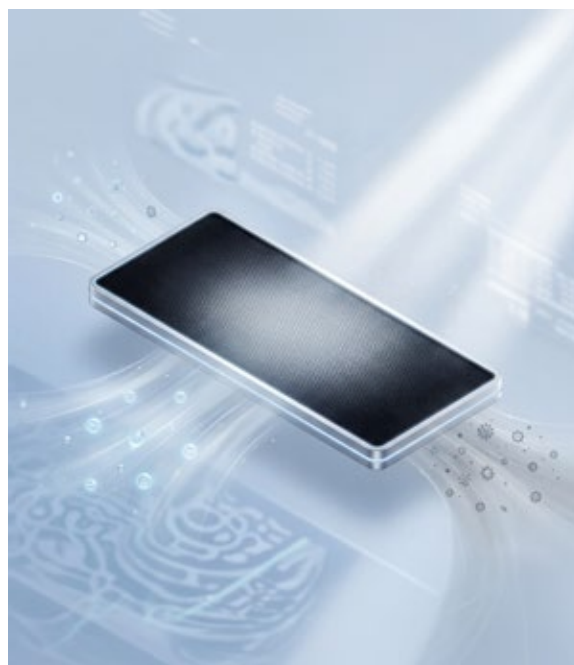
Aroma Tablet

A fragrance refill with notes of lemon, jasmine, and gardenia that provides a feeling of freshness for many weeks.



Bio HEPA Filter

The Bio HEPA filter effectively captures 99% of dust particles and bacteria measuring $0.3\text{ }\mu\text{m}$, as well as up to 95% of particles ranging from 0.1 to $0.3\text{ }\mu\text{m}$, including fungal cells and some viruses.



Cold Catalytic Filter

A cold catalytic filter removes chemicals such as carbon monoxide, hydrogen sulfide, ammonia, benzene, and formaldehyde.

Contact Details

For Consumers:

Are you interested in purchasing our products?

Check the current list of Distributors at: **www.kaisai.com**

For Distributors and Installers:

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22 517 36 00 | 22 879 99 07

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Would you like to become one of our distributors? Email or call us.

Klima-Therm Group Academy:

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All technical data comply with the guidelines of standards EN 14511; EN 14825; EN 50564; EN 12102; (EU) No. 811:2013; (EU) No. 813:2013; OJ 2014/C 207/02:2014.
The seasonal heating efficiency (SCOP) was determined for temperate climate conditions.
The sound power level in heating mode is specified in accordance with EN 12102 under conditions compliant with EN 14825.





kaisai.com