

# KAISAI



## PRODUCT OVERVIEW

AIR CONDITIONING | HEAT PUMPS | RENEWABLE ENERGY

### 2026

The background of the entire page is a close-up photograph of various green leaves, likely from a tropical plant, with prominent veins and a slightly glossy texture. The leaves are layered, creating a sense of depth. A white rectangular border is centered on the page, enclosing the 'ESG' text and the subtitle below it.

# ESG

ENVIRONMENTAL | SOCIAL | GOVERNANCE

By operating in accordance with ESG principles, we aim to reduce the negative impact of our operations on the environment while creating value for our stakeholders, including employees, customers, local communities and investors. We are committed to conducting business ethically and responsibly, placing great importance on transparency and corporate responsibility to enhance the trust and loyalty of our stakeholders.

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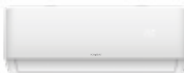
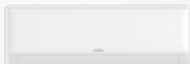
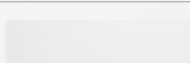


# WE CARE ABOUT AIR

The KAISAI brand specialises in providing modern air conditioning systems, eco-friendly heat pumps and advanced solutions for energy storage and optimisation. Thanks to many years of investment in technology development, KAISAI devices are among the most innovative solutions in their category and are successfully used in both public buildings and residential construction.

**KAISAI** is a proprietary brand of Klima-Therm, a global company with an established position and a long history in the HVACR industry. As a pioneering company, Klima-Therm has been setting standards in modern HVACR solutions for years. Consistent commitment to quality, innovation and customer satisfaction has allowed the company to build a strong and recognisable brand on international markets.

# KAISAI WALL-MOUNTED Air conditioner series

|                                                                                                          |                                                                                     |           | COOLING / HEATING CAPACITY [kW] |         |         |         |         |
|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------|---------------------------------|---------|---------|---------|---------|
|                                                                                                          |                                                                                     |           | PAGE NO.                        | 2,6÷2,7 | 3,4÷3,6 | 5,1÷5,4 | 7,0÷7,2 |
| <b>HIGH PERFORMANCE LINE</b><br>Top performance and advanced features for maximum comfort                |                                                                                     |           |                                 |         |         |         |         |
|                         |    | ART       | 6                               | •       | •       | •       | •       |
|                         |                                                                                     | NORDIC    | 7                               |         | •       |         |         |
|                         |    | PRO HEAT+ | 11                              | •       | •       | •       | •       |
| <b>DESIGN LINE</b><br>Stylish, modern appliances combining exclusive design with reliable performance    |                                                                                     |           |                                 |         |         |         |         |
|                        |   | GEO+      | 8                               | •       | •       | •       | •       |
|                       |                                                                                     | GEO       | 9                               | •       | •       | •       | •       |
|                       |  | ART       | 6                               | •       | •       | •       | •       |
|                       |  | ICE       | 10                              | •       | •       | •       | •       |
|                       |                                                                                     | NORDIC    | 7                               |         | •       |         |         |
| <b>CORE LINE</b><br>Best-selling models offering balanced performance and quality at an attractive price |                                                                                     |           |                                 |         |         |         |         |
|                       |                                                                                     | FLY       | 13                              | •       | •       | •       | •       |
|                       |                                                                                     | FLY+      | 12                              | •       | •       | •       | •       |
|                       |                                                                                     | ECO       | 14                              | •       | •       | •       | •       |
|                       |                                                                                     | EVO       | 16                              | •       | •       | •       | •       |
|                       |                                                                                     | AIR       | 15                              | •       | •       | •       | •       |

KKWI 09|12|18|24RTA1  
KKOH 09|12|18|24RTA1

KKWF 09|12|18|24RTA1  
KKOH 09|12|18|24RTA1



# ART WHITE / BLACK

**Split air conditioner**  
wall mounted

**NEW  
2026**



## Specification

Cooling capacity: 2.7/3.6/5.3/7.0 kW

Heating capacity: 3.4/3.9/5.6/7.1 kW

Refrigerant: R32

Energy efficiency class: A+++/A++

SEER: up to 8.5

SCOP: 4.7

Cooling operating temperature range: -15~50°C

Heating operating temperature range: -25~30°C

## Functions



WiFi module



Aroma tablet



Hotel mode and  
on/off port



Double horizontal  
louvers

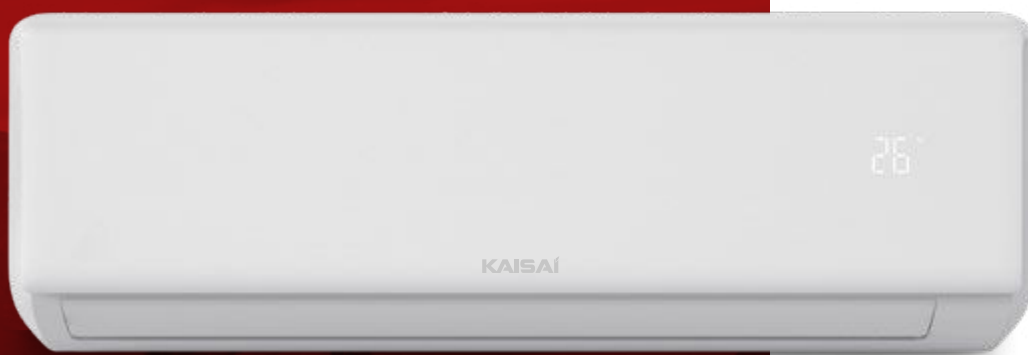


Electronic  
expansion valve

KNP 12NRHI  
KNP 12NRHO

# NORDIC

**Split air conditioner**  
wall mounted



## Specification

Cooling capacity: 3.5 kW

Heating capacity: 3.8 kW

Refrigerant: R32

Energy efficiency class: A+++/A+++

SEER: up to 9.2

SCOP: up to 5.1

Cooling operating temperature range: -15~50°C

Heating operating temperature range: -35~30°C

## Functions



WiFi module



Sterilisation 56°C



Air ionization



3D airflow



Compressor and  
condensate tray heaters



Fireplace function

KKWR 09|12|18|24RAA1  
KKOG 09|12|18|24RAA1

KKWS 09|12|18|24RAA1  
KKOG 09|12|18|24RAA1



# GEO+ WHITE / GREY

**Split air conditioner**  
wall mounted

**NEW  
2026**



## Specification

Cooling capacity: 2.7/3.5/5.4/7.2 kW

Heating capacity: 3.3/4.2/5.8/7.3 kW

Refrigerant: R32

Energy efficiency class: A+++/A++

SEER: up to 8.7

SCOP: 4.7

Cooling operating temperature range: -15~53°C

Heating operating temperature range: -25~32°C

## Functions



WiFi module



UVC Lamp



Soft Wind function



3 filters



Self-cleaning  
evaporator



8°C heating

KGE 09|12|18|24GRHI  
KGE 09|12|18|24GRHO



# GEO

**Split air conditioner**  
wall mounted



## Specification

Cooling capacity: 2.6/3.5/5.3/7.0 kW

Heating capacity: 2.9/3.8/5.6/7.3 kW

Refrigerant: R32

Energy efficiency class: A+++/A++

SEER: up to 9.3

SCOP: 4.6

Cooling operating temperature range: -15~50°C

Heating operating temperature range: -25~24°C

## Functions



WiFi module



Bio Hepa filter



Air ionization



3D airflow



Cold catalyst filter



Compressor and  
condensate tray heaters

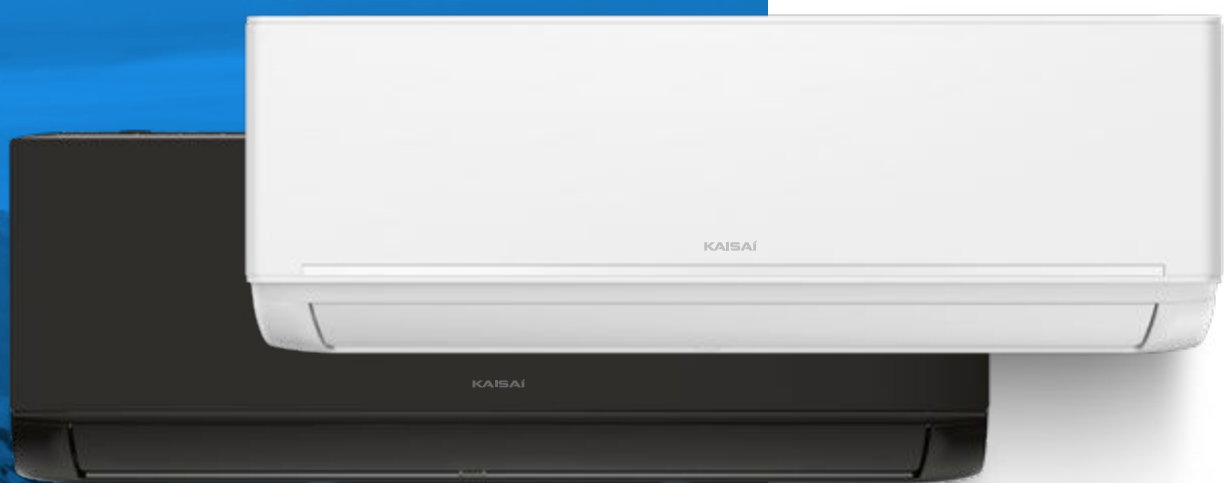
KLW 09|12|18|24HRHI  
KLWB 09|12|18|24HRHO

KLB 09|12|18| 24KRHI  
KLWB 09|12|18| 24HRHO



# ICE WHITE / BLACK

**Split air conditioner**  
wall mounted



## Specification

Cooling capacity: 2.6/3.5/5.3/7.0 kW

Heating capacity: 2.9/3.8/5.6/7.3 kW

Refrigerant: R32

Energy efficiency class: A+++/A++

SEER: up to 8.8

SCOP: up to 4.6

Cooling operating temperature range: -15~50°C

Heating operating temperature range: -25~30°C

## Functions



Wi-Fi module



Bio Hepa filter



Cold catalyst filter



3D airflow



Compressor and  
condensate tray heaters



Wired controller  
(optional)



Central controller  
(optional)

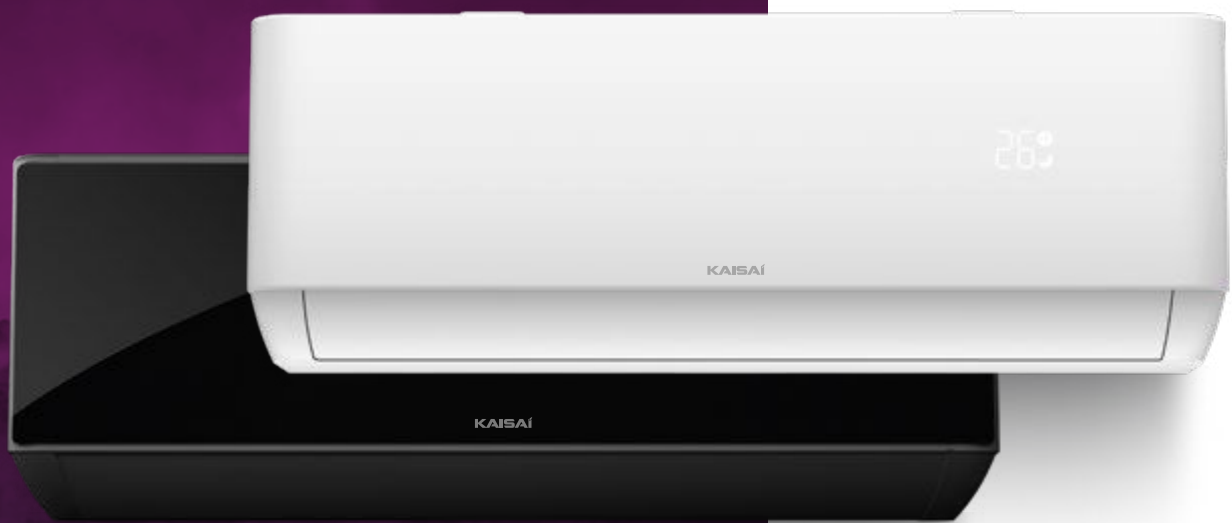
KRW 09|12|18|24TLHI  
KRWB 09|12|18|24TLHO

KRB 09|12|18|24TLHI  
KRWB 09|12|18|24TLHO



# PRO HEAT+ WHITE / BLACK

**Split air conditioner**  
wall mounted



## Specification

Cooling capacity: 2.6/3.5/5.2/7.0 kW

Heating capacity: 3.0/3.8/5.5/7.1 kW

Refrigerant: R32

Energy efficiency class: A+++/A++

SEER: up to 8.5

SCOP: up to 4.7

Cooling operating temperature range: -15~50°C

Heating operating temperature range: -25~30°C

## Functions

-  WiFi module
-  Silver ion filter
-  Air ionization
-  3D airflow
-  Condensate tray heater
-  Gentle Cooling function
-  UVC Lamp

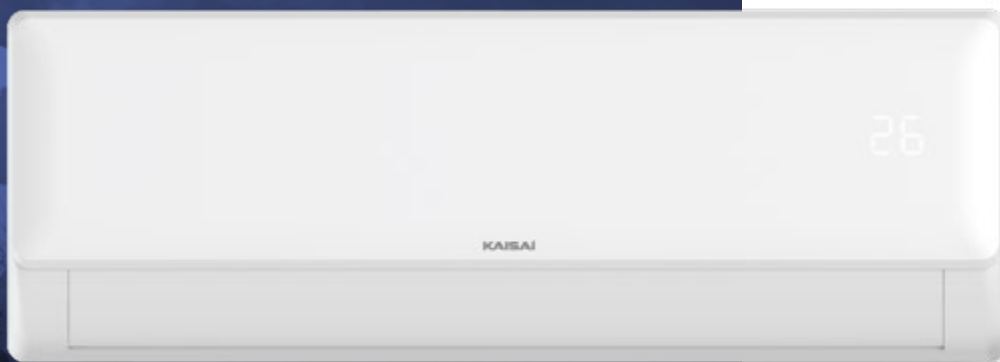
KKWX 09|12|18|24RRA1  
KKOX 09|12|18|24RRA1



# FLY+

**Split air conditioner**  
wall mounted

NEW  
**2026**



## Specification

Cooling capacity: 2.6/3.5/5.2/7.0 kW

Heating capacity: 2.9/3.8/5.4/7.3 kW

Refrigerant: R32

Energy efficiency class: A++/A+

SEER: up to 7.4

SCOP: up to 4.1

Cooling operating temperature range: -15~50°C

Heating operating temperature range: -25~24°C

## Functions



Wi-Fi module



ECO+ function (based on AI algorithm)



Quiet operation function of the outdoor unit



Sterilisation 56°C



Gear function



Smooth adjustment of internal fan speed



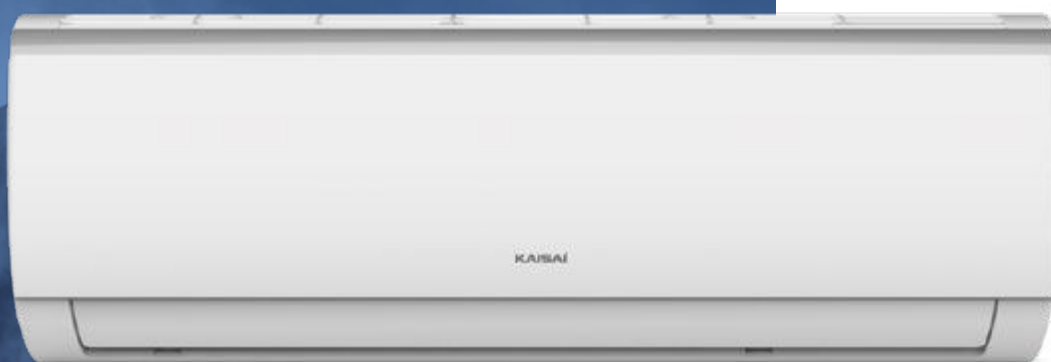
Multifunctional MFB board (optional)

KWX 09|12|18|24KRHI  
KWX 09|12|18|24KRHO



# FLY

**Split air conditioner**  
wall mounted



## Specification

Cooling capacity: 2.6/3.5/5.3/7.0 kW

Heating capacity: 2.9/3.8/5.6/7.3 kW

Refrigerant: R32

Energy efficiency class: A++/A+

SEER: up to 7.4

SCOP: up to 4.1

Cooling operating temperature range: -15~50°C

Heating operating temperature range: -25~30°C

## Functions



Wi-Fi module



Bio Hepa filter



Cold catalyst filter

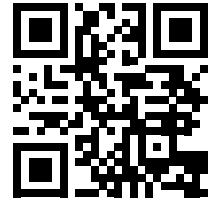


3D airflow



Compressor and  
condensate tray heaters

KEX 09|12|18|24KTH2I  
KEX 09|12|18|24KTH2O



# ECO

**Split air conditioner**  
wall mounted



## Specification

Cooling capacity: 2.6/3.5/5.3/7.0 kW

Heating capacity: 2.9/3.8/5.6/7.3 kW

Refrigerant: R32

Energy efficiency class: A++/A+

SEER: up to 7.4

SCOP: up to 4.1

Cooling operating temperature range: -15~50°C

Heating operating temperature range: -25~30°C

## Functions



Wi-Fi module



Cold catalyst filter



Compressor and  
condensate tray heaters



Self-cleaning  
evaporator

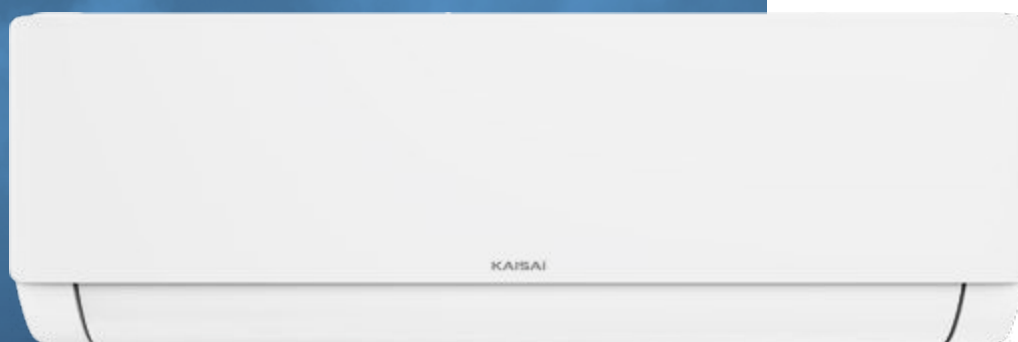
KKWK 09|12|18|24RTA1  
KKOK 09|12|18|24RTA1



# AIR

**Split air conditioner**  
wall mounted

NEW  
**2026**



## Specification

Cooling capacity: 2.6/3.4/5.1/7.0 kW

Heating capacity: 2.7/3.4/5.2/7.1 kW

Refrigerant: R32

Energy efficiency class: A++/A+

SEER: do 6.8

SCOP: do 4.0

Cooling operating temperature range: -15~53°C

Heating operating temperature range: -20~30°C

## Functions



Wi-Fi



ECO function



8°C heating



Condensate tray  
heater



Simple maintenance



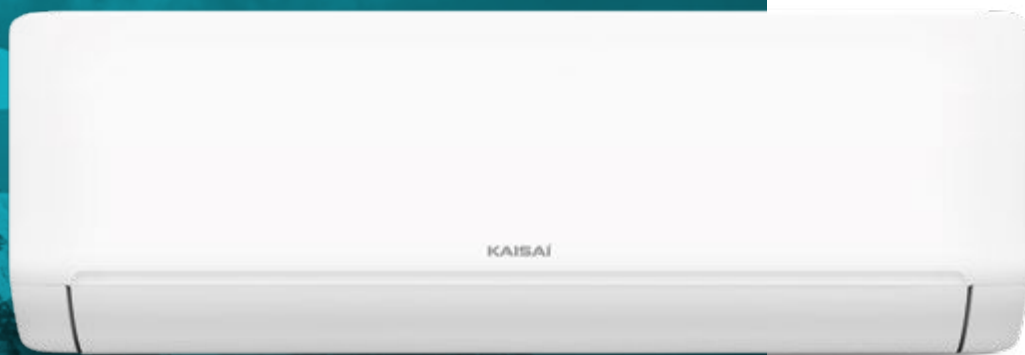
Self-cleaning  
evaporator

KEV 09|12|18|24TLHI  
KEV 09|12|18|24TLHO



# EVO

**Split air conditioner**  
wall mounted



## Specification

Cooling capacity: 2.6/3.4/5.1/7.0 kW

Heating capacity: 2.7/3.4/5.2/7.1 kW

Refrigerant: R32

Energy efficiency class: A++/A+

SEER: up to 6.8

SCOP: up to 4.0

Cooling operating temperature range: -15~53°C

Heating operating temperature range: -20~30°C

## Functions



WiFi module



ECO function



8°C heating



Condensate tray  
heater



Simple maintenance



Self-cleaning  
evaporator

KKPM 12PRA1  
KKPE 12PTA1  
KKPA 12PAA1

# PORTABLE

Air conditioners



NEW  
2026



## Specification

Cooling capacity: 3.4/3.5 kW

Heating capacity: 2.8/3.2 kW

Refrigerant: R290

Energy efficiency class: A/A+

EER: up to 2.6

COP: up to 2.8

## Functions



WiFi module



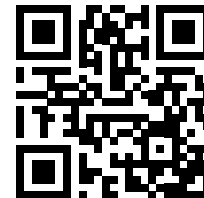
Touch panel



Installation accessories  
included

KFAU-12HRG32X  
KOX230-12HFN32X

KFAU-17HRG32X  
KOX330-18HFN32X



# CONSOLE TYPE

Air conditioner



## Specification

Cooling capacity: 3.5/5.0 kW

Heating capacity: 3.8/5.3 kW

Refrigerant: R32

Energy efficiency class: A++/A+

SEER: up to 7.3

SCOP: 4.0

Cooling operating temperature range: -15~50°C

Heating operating temperature range: -15~24°C

## Functions



WiFi module  
(option)



2 air outlets



8°C continuous  
heating



Compressor and  
condensate tray heaters

KKGB 12RTA1  
KKOS 12RTA1

# CONSOLE TYPE

Air conditioner

NEW  
2026



## Specification

Cooling capacity: 3.5 kW

Heating capacity: 3.6 kW

Refrigerant: R32

Energy efficiency class: A++/A+

SEER: 6.5

SCOP: 4.0

Cooling operating temperature range: -15~53°C

Heating operating temperature range: -20~30°C

## Functions



WiFi module



2 air outlets



Compact dimensions



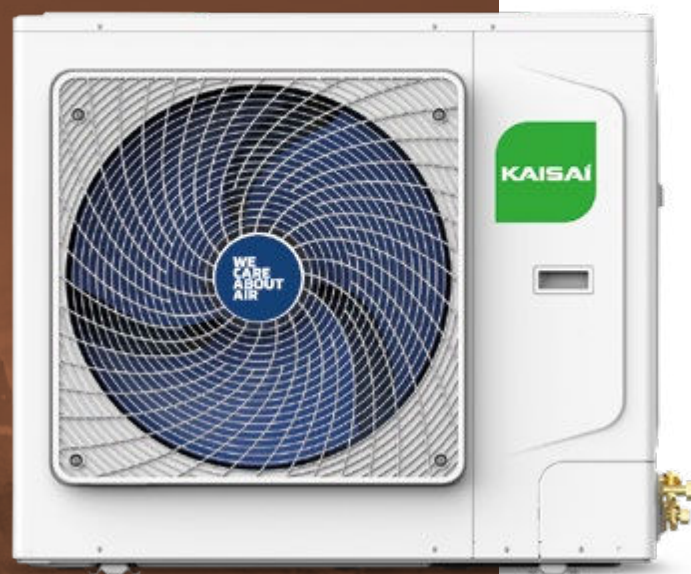
Low noise level



# Mini VRF SYSTEMS

Outdoor units

NEW  
2026



## Specification

Cooling capacity: 12.1/14.0/15.5 kW

Heating capacity: 14/16/18 kW

Maximum number of indoor units: 7|8|9

Maximum system length: 100 m

Refrigerant: R32

Cooling operating temperature range: -15~49°C

Heating operating temperature range: -20~24°C

## Functions



Wi-Fi module  
(option)



Modbus RTU  
protocol



Low noise level



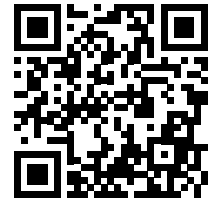
Compact design



Compressor and  
condensate tray heaters

KVUA 028|036|045|056RAA1  
KVWA 022|028|036|045|056|071RAA1  
KVRA 022|028|036|045|056|071RAA1

cassette  
wall mounted  
ducted



# Mini VRF SYSTEMS

Indoor units

NEW  
2026



## Specification

Cooling capacity: 2.2÷7.1 kW

Heating capacity: 2.5÷8.0 kW

Maximum number of indoor units: 7|8|9

Maximum system length: 100 m

Refrigerant: R32

Air flow rate: 340÷765 m<sup>3</sup>/h

Sound pressure level: 22÷44 dB(A)

## Functions



Wi-Fi module  
(option)



Modbus RTU  
protocol



Low noise level



Compact design



Fast cooling/heating



# The range of air conditioners also includes

**Cassette**  
air conditioners  
**(KCA/KCD)**



**Floor/ceiling**  
air conditioners  
**(KUE)**



**Duct**  
air conditioners  
**(KTI/KKR7)**



**Multi-split**  
air conditioners

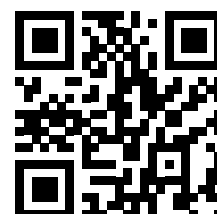


**Floor**  
air conditioners  
**(KFS/KKFS)**



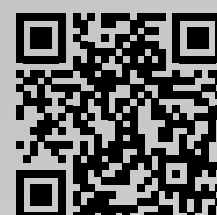
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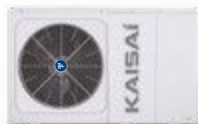
Download technical documentation for  
air conditioning, heat pumps, ventilation  
systems, and renewable energy equipment

**dokumentacja.kaisai.com**



KAISAI

# Heat pump series

|                                                                                     |            | REFRIGERANT     | CAPACITY [kW] |              |              |             |             |             |
|-------------------------------------------------------------------------------------|------------|-----------------|---------------|--------------|--------------|-------------|-------------|-------------|
|                                                                                     |            |                 | 6             | 8            | 10           | 12          | 14          | 16          |
| SPLIT WITHOUT DHW TANK                                                              |            |                 |               |              |              |             |             |             |
|    | KHA<br>KMK | <div>R32</div>  | A+++<br>A++   | A+++<br>A++  | A+++<br>A++  | A+++<br>A++ | A+++<br>A++ | A+++<br>A++ |
| SPLIT WITH DHW TANK                                                                 |            |                 |               |              |              |             |             |             |
|   | KHA<br>KMK | <div>R32</div>  | A+++<br>A++   | A+++<br>A++  | A+++<br>A++  | A+++<br>A++ | A+++<br>A++ | A+++<br>A++ |
| MONOBLOCK                                                                           |            |                 |               |              |              |             |             |             |
|  | KHC        | <div>R32</div>  | A+++<br>A++   |              |              |             |             |             |
|  | KHC        | <div>R32</div>  |               | A+++<br>A++  | A+++<br>A++  | A+++<br>A++ | A+++<br>A++ | A+++<br>A++ |
|  | KHY<br>KSH | <div>R290</div> |               |              |              | A+++<br>A++ |             |             |
|  | KHOA       | <div>R290</div> | A+++<br>A++   | A+++<br>A++  | A+++<br>A++  |             |             |             |
|  | KHON       | <div>R290</div> |               | A+++<br>A+++ | A+++<br>A+++ |             |             |             |

KHC 06RY1-B  
KHC 08|10|12|14|16RY3-B  
KHC 22|30RX3



# KHC

Air-to-water heat pump  
**R32 monoblock**



## Specification

Nominal capacity: 6/8/10/12/14/16/22/30 kW

Electric auxiliary heater: 3/6/9 kW

Refrigerant: R32

Energy efficiency class (heating 35°C/55°C): A+++/A++

COP: up to 5.15

Water leaving temp. – heating: 25~65°C

Water leaving temp. – cooling: 5~25°C

Outlet water temp. – DHW: 25~60°C

Outdoor air temp. range – heating: -25~35°

Outdoor air temp. range – cooling: -5~43°

Outdoor air temp. range – DHW: -25~43°C

## Functions



Wireless  
Wi-Fi operation



Modbus RTU  
protocol



Additional  
electric heater



Operation of 2  
heating circuits

KMK 190L-100RY1/240L-100RY3  
KHA 06|08|10RY1-B

KMK 240L-160RY3  
KHA 12|14|16RY3-B



# KMK KHA

Air-to-water heat pump  
**R32 split with DHW tank**



## Specification

Nominal capacity: 6/8/10/12/14/16 kW

Electric auxiliary heater: 3/6/9 kW

Refrigerant: R32

Energy efficiency class (heating 35°C/55°C): A+++/A++

COP: up to 5.20

Water leaving temp. – heating: 25~65°C

Water leaving temp. – cooling: 5~25°C

Outlet water temp. – DHW: 25~60°C

Outdoor air temp. range – heating: -25~35°

Outdoor air temp. range – cooling: -5~43°

Outdoor air temp. range – DHW: -25~43°C



## Functions



Wireless  
Wi-Fi operation



Modbus RTU  
protocol



Additional  
electric heater



Operation of 2  
heating circuits



190L/240L  
Stainless steel tank

KMK 60RY1-B KMK 100RY3 KMK 160RY3  
KHA 06RY1-B KHA 08|10RY1-B KHA 12|14|16RY3-B



# KMK KHA

Air-to-water heat pump  
**R32 split**



## Specification

Nominal capacity: 6/8/10/12/14/16 kW

Electric auxiliary heater: 3/6/9 kW

Refrigerant: R32

Energy efficiency class (heating 35°C/55°C): A+++/A++

COP: up to 5.20

Water leaving temp. – heating: 25~65°C

Water leaving temp. – cooling: 5~25°C

Outlet water temp. – DHW: 25~60°C

Outdoor air temp. range – heating: -25~35°

Outdoor air temp. range – cooling: -5~43°

Outdoor air temp. range – DHW: -25~43°C



## Functions



Wireless  
Wi-Fi operation



Modbus RTU  
protocol



Additional  
electric heater



Operation of 2  
heating circuits

# GREEN Comfort

NEW  
2026



Air-to-water heat pump  
**R290 monoblock**



## Specification

Nominal capacity: 6/8/10 kW

Electric auxiliary heater: 3 kW

Refrigerant: R290

Energy efficiency class (heating 35°C/55°C): A+++/A++

COP: up to 5.00

Water leaving temp. – heating: 25~75°C

Water leaving temp. – cooling: 5~25°C

Outlet water temp. – DHW: 20~70°C

Outdoor air temp. range – heating: -25~35°

Outdoor air temp. range – cooling: -5~46°

Outdoor air temp. range – DHW: -25~46°C

## Functions



Two heating circuits



Built-in electric flow heater



User-friendly controller with color display



Drip tray with heater



Working in a cascade



Wireless Wi-Fi operation

# GREEN Power

Air-to-water heat pump  
**R290 monoblock**

NEW  
2026



## Specification

Nominal capacity: 8/10 kW

Electric auxiliary heater: 3 kW

Refrigerant: R290

Energy efficiency class (heating 35°C/55°C): A+++/A+++

COP: up to 5.25

Water leaving temp. – heating: 25~80°C

Water leaving temp. – cooling: 5~25°C

Outlet water temp. – DHW: 20~70°C

Outdoor air temp. range – heating: -25~35°

Outdoor air temp. range – cooling: -5~46°

Outdoor air temp. range – DHW: -25~46°C

## Functions



Two heating circuits



Built-in electric flow heater



Low noise level



Drip tray with heater



Working in a cascade



Precise temperature control



Wireless Wi-Fi operation

KHY 12PY3  
KHSH 090NPA3

# KHY

NEW  
2026



Air-to-water heat pump  
**R290 monoblock  
with hydraulic module**



## Specification

Nominal capacity: 12 kW

Refrigerant: R290

Energy efficiency class (heating 35°C/55°C): A+++/A++

COP: up to 4.49

Water leaving temp. – heating: 9~70°C

Water leaving temp. – cooling: 5~15°C

Outdoor air temp. range – heating: -25~43°

Outdoor air temp. range – cooling: -5~43°

## Functions



Two heating circuits



Intelligent defrost



Soundproof isolation



Shock absorption



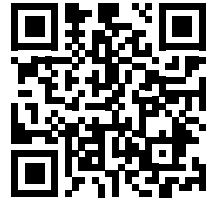
Intuitive control

KTFD 280XNA1

# KTFD

NEW  
2026

ECO HOME DHW/Heating tank



## Specification

DHW tank actual capacity: 274 l

Buffer tank actual capacity: 134 l

Max. design water pressure: 10 Bar

Max. tank design pressure: 10 Bar

Max. water temperature in the tank: 95°C

Coil surface: 2.9 m<sup>2</sup>

Energy efficiency class: C

Rated power of the electric heater: 3 kW

## Functions



DHW tank including the coil made of SUS316 stainless steel



Buffer tank made of SUS316 stainless steel



50 mm polyurethane insulation



3 kW electric heater included as standard



Compact design



Use in newly designed and modernized installations

# HYBRID INVERTER

## 10 kW



Supporting 200% oversized PV power, Simple Efficient On&OFF Grid parallel system.



Adjustable power in each phase, Support diesel generator control (DI/DO).

## Specification

Max. continuous photovoltaic input power: 20kW

Max. DC voltage: 1100V

Nominal voltage: 720V

MPPT voltage range: 140V-1000V

Starting voltage: 200V

Max. short-circuit current per MPPT: 20A

Backup Nominal AC output power: 9.2kW

Backup Max. output current: 14.5A

Nominal output voltage: 400V

## Functions



Intelligent operating modes



LCD display



Maximum 8 modules connection



ON/OFF Grid work



CAN/WiFi/RS485 communication



Unbalanced Output

5.1 kWh

# ENERGY STORAGE

5.1 kWh



CATL LFP Battery, Stable and safe Module, pack, system, triple protection.



Modular design, Plug and play, Mobile APP Monitoring.

## Specification

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Energy capacity: 5.12 kWh

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Usable volume: 4.6 kWh

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Battery type: LFP (LiFePO<sub>4</sub>)

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Depth of discharge (DoD): 90%

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Nominal voltage: 51.2V

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Life: 10 000 cycles

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Max. charging/discharging power: 2825W/4096W

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DC circuit breaker: 125A

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Max. charging/discharging current: 50 A/80 A

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## Functions



BMS in each battery



IP65 rated



Built-in battery heaters Advanced AC/DC



Multi AC/DC protection

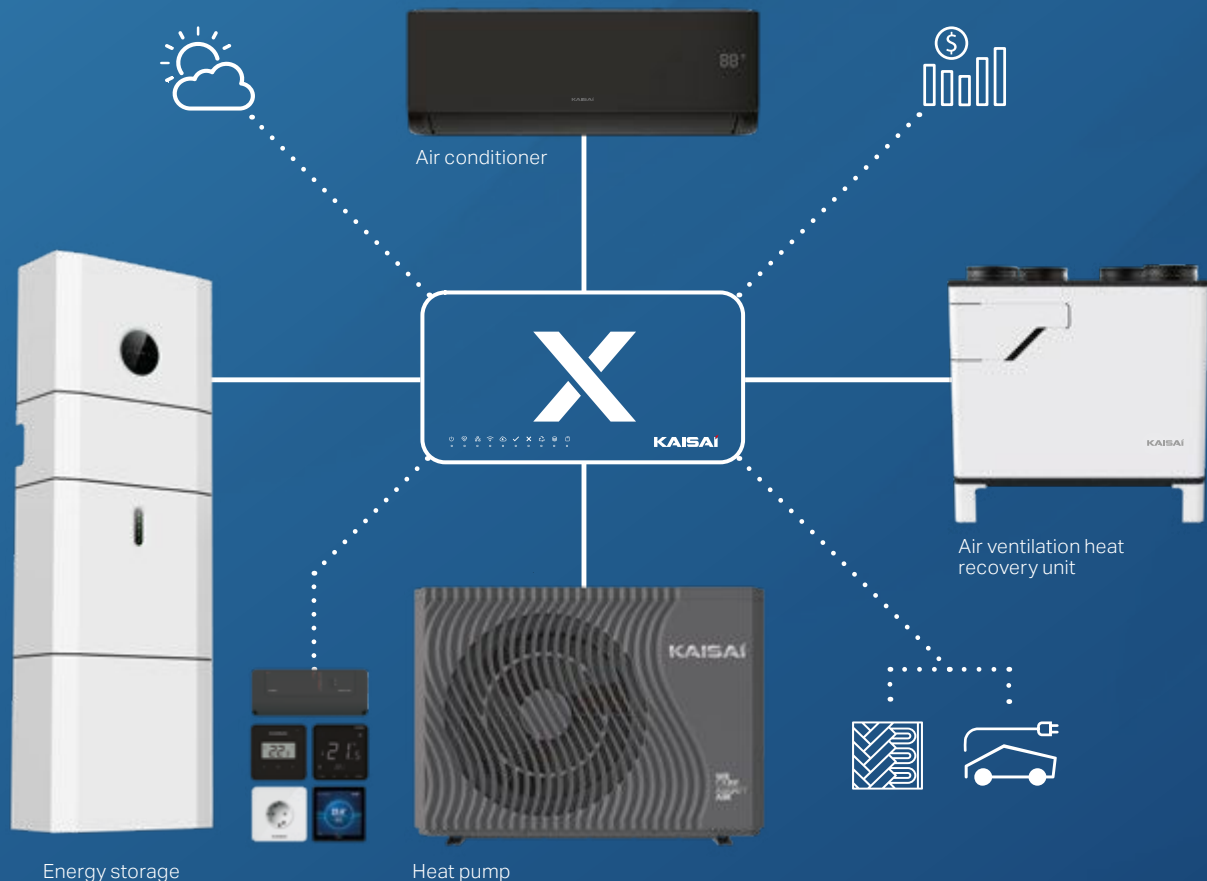


Detailed monitoring of battery parameters



High performance after a long period of operation

# One brand, multiple devices



## Kaisai X Controller

By combining Kaisai's solutions and products, the system **effectively integrates with the user's daily life and external data** (weather forecasts, dynamic energy prices), along with the logic and algorithms of Kaisai products, to generate real savings.

The full range of products is available on [kaisai.com](https://kaisai.com)

# Contact details

## FOR CONSUMERS:

Are you interested in purchasing our products?  
Check the current list of Distributors at: [www.kaisai.com](http://www.kaisai.com)

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## FOR DISTRIBUTORS AND INSTALLERS:

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101A Ostrobramska St.  
04-041 Warsaw  
22 517 36 00 | 22 879 99 07

### SALES DEPARTMENT

22 465 65 85  
[export@kaisai.com](mailto:export@kaisai.com)

**Do you want to become our Distributor? Write or call us.**

---

## KLIMA-THERM GROUP ACADEMY:

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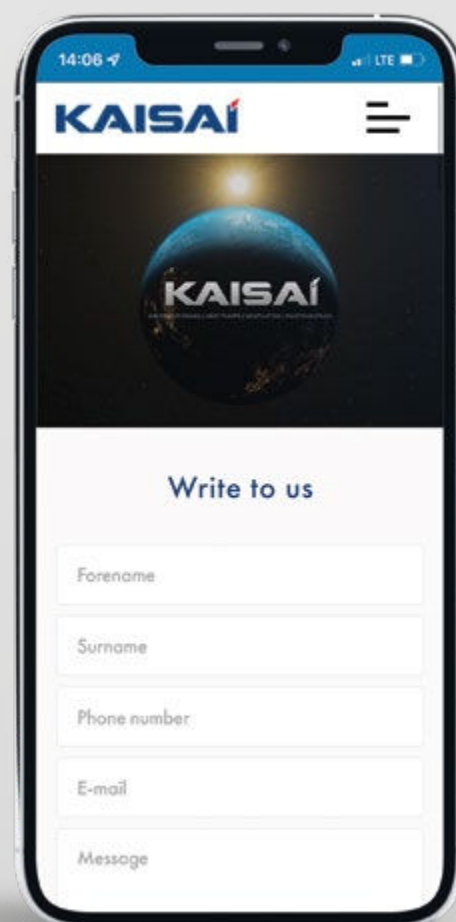
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This document is intended for informational and presentation purposes regarding Kaisai brand devices. | The technologically advanced production process necessitates continuous monitoring and improvement, therefore the information contained in this publication is subject to change. | The technical data contained in the catalogue is subject to change. Current information is always available at: [www.kaisai.com](http://www.kaisai.com)





[kaisai.com](http://kaisai.com)

