

# KAISAI

## PRODUCT OVERVIEW

AIR CONDITIONING | HEAT PUMPS



2025

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

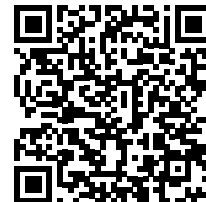
By operating in accordance with ESG principles, we aim to reduce the negative impact of our operations on the environment while creating value for our stakeholders, including employees, customers, local communities and investors. We are committed to conducting business ethically and responsibly, placing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

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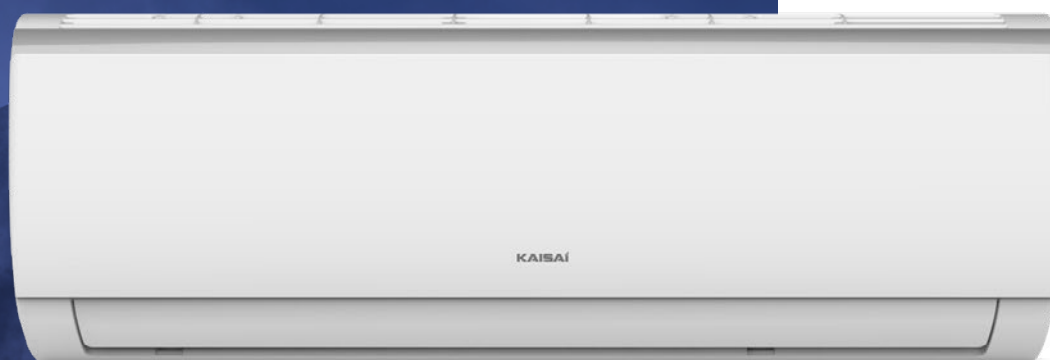
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# FLY

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

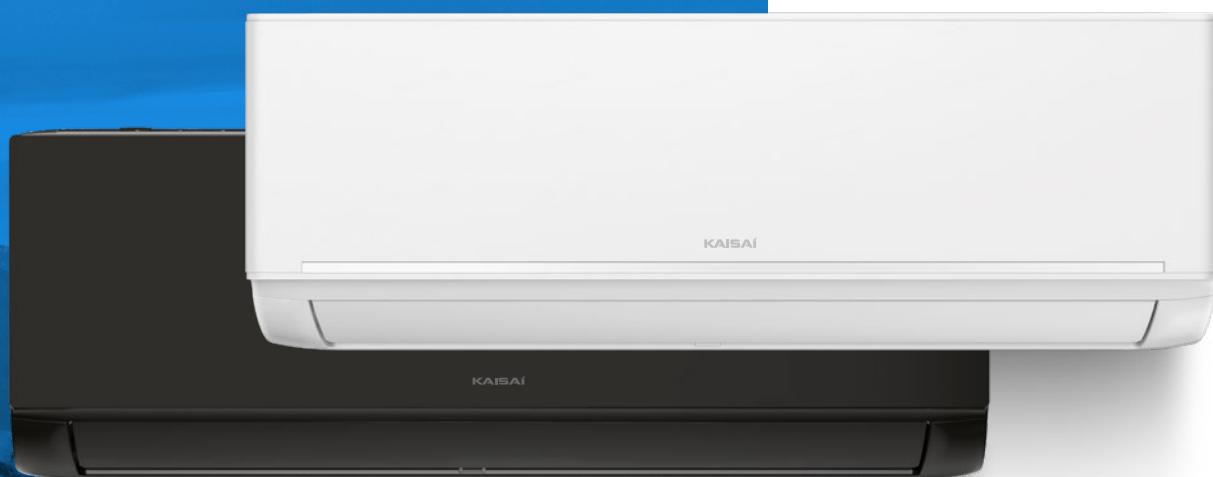


KLW 09|12|18|24HRHI/HRHO  
KLB 09|12|18| 24KRHI/HRHO



# ICE ICE 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



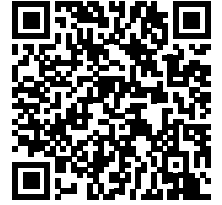
Compressor and  
condensate tray heaters



Wired controller  
(optional)



Central controller  
(optional)



# 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



Wi-Fi module



Bio Hepa filter



Air ionization



3D airflow



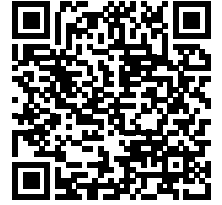
Cold catalyst filter



Compressor and  
condensate tray heaters



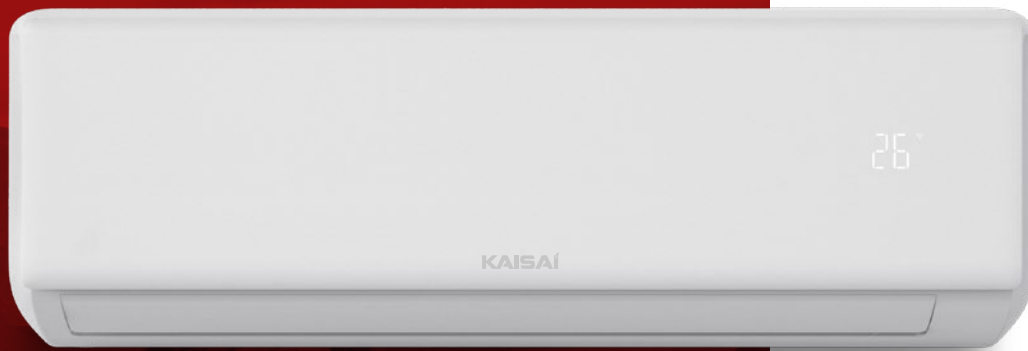
KNP-12NRHI/NRHO



# NORDIC

Split air conditioner  
**wall mounted**

NEW  
2025



## Specification

Cooling capacity: 3.5 kW

Heating capacity: 3.8 kW

Refrigerant: R32

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

SEER: 9.2

SCOP: 5.1

Cooling operating temperature range: -15~50°C

Heating operating temperature range: -35~30°C

## Functions



Wi-Fi module



Sterilisation 56°C



Air ionization



3D airflow



Compressor and  
condensate tray heaters



Fireplace function

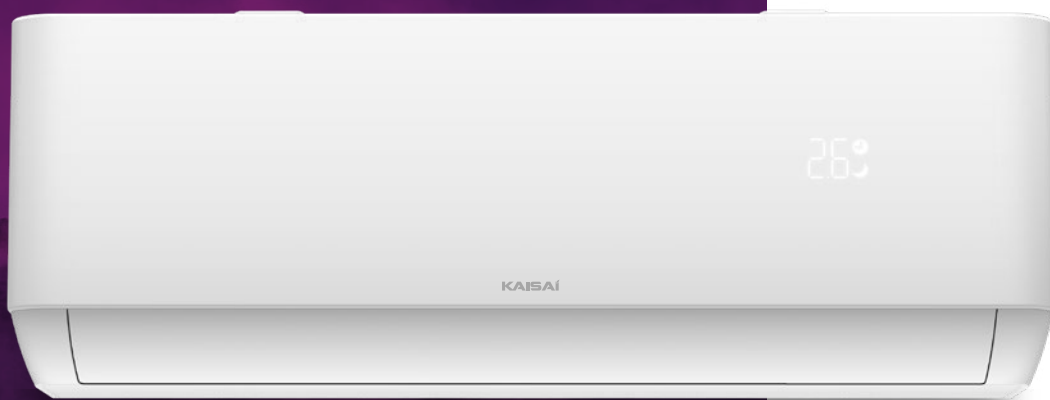




# PRO HEAT+

Split air conditioner  
**wall mounted**

NEW  
2025



## 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



Wi-Fi module



Silver ion filter



Air ionization



3D airflow



Condensate tray  
heater



Gentle Cooling  
function



UVC lamp



# PRO HEAT+

Split air conditioner  
**wall mounted**

NEW  
2025



## 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



Wi-Fi module



Silver ion filter



Air ionization



3D airflow



Condensate tray  
heater



Gentle Cooling  
function



UVC lamp





# 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



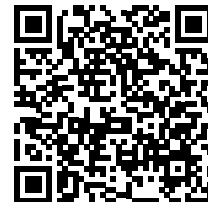
8°C continuous  
heating



Compressor and  
condensate tray heaters



# The range of air conditioners also includes



## **Cassette**

air conditioners  
(KCA/KCD)



## **Floor/ceiling**

air conditioners  
(KUE)



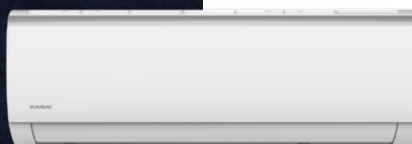
## **Duct**

air conditioners  
(KTI)



## **Multi-split**

air conditioners



## **Floor**

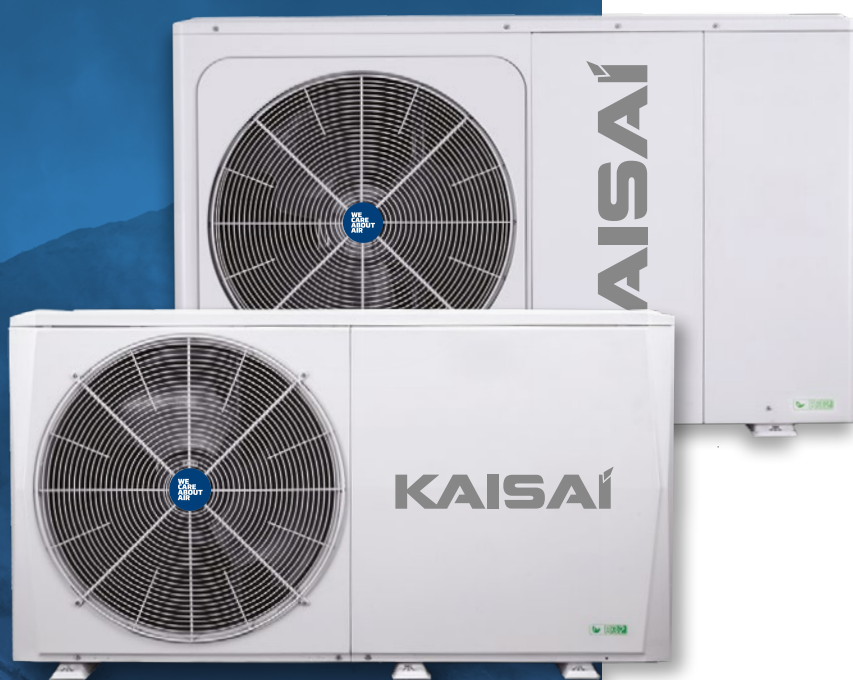
air conditioners





# KHC

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



## 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 5.15

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

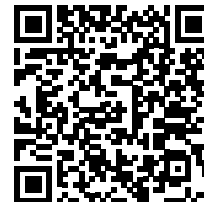


Additional  
electric heater



Operation of 2  
heating circuits





# KHY

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



## Specification

Nominal capacity: 12/15 kW

Refrigerant: R290

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

COP: up to 4.45

Water outlet temperature – heating: 9~70°C

Outlet water temperature – cooling: 5~15°C

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

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

## Functions



Operation of 2  
heating circuits



Intelligent  
defrost



Soundproof  
isolation



Shock  
absorption



Intuitive  
control



KMK 190L-100RY1|240L-100/160RY3  
KHA 06|08|10RY1-B 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

Czynnik chłodniczy: 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



190L/240L  
Stainless steel tank

KMK 60RY1 100/160RY3  
KHA 06|08|10RY1-B 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

Czynnik chłodniczy: 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: 30~60°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



# 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

# BATTERY ENERGY STORAGE UNIT

5.1 kWh



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



Modular design, Plug and play, Mobile APP Monitoring.

## Specification

Energy capacity: 5.12 kWh

Usable volume: 4.6 kWh

Battery type:: LFP (LiFePO4)

Depth of discharge (DoD): 90%

Nominal voltage: 51.2V

Life: 10 000 cycles

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

DC circuit breaker: 125A

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

## 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

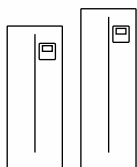




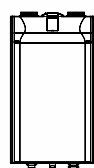
AIR CONDITIONING | HEATING  
VENTILATION | PHOTOVOLTAIC



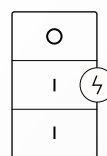
AIR CONDITIONERS



HEAT PUMPS



RECUPERATION  
UNITS



ALL-IN-ONE  
SYSTEM



Full range of products available on our website [kaisai.com](https://kaisai.com)

# Contact details

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Check the current list of Distributors at: [www.kaisai.com](http://www.kaisai.com)

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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.**

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58 768 03 33

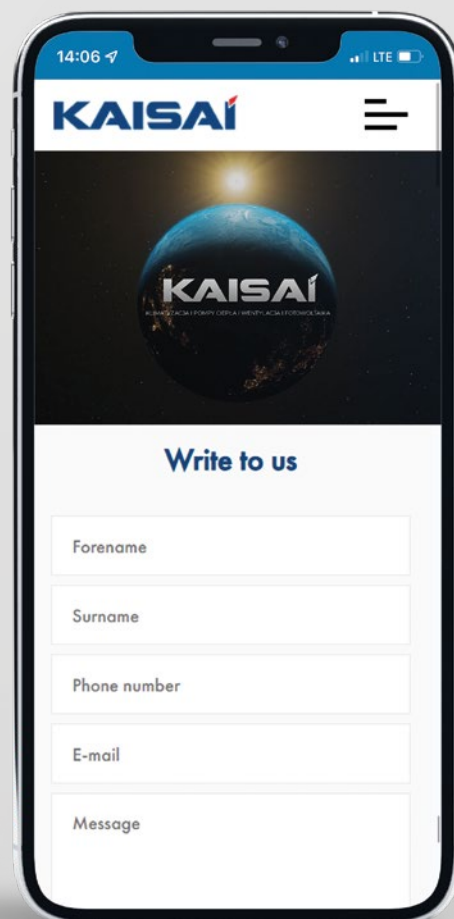
### WARSAW BRANCH

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22 517 36 00

### KATOWICE BRANCH

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| As the production process is technologically advanced, it requires constant monitoring and improvement, and the information contained in this publication is therefore subject to change. | Specifications and prices are subject to change.  
Up-to-date information is always available: [www.kaisai.com](http://www.kaisai.com)





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