

KAISAI

PRODUCT OVERVIEW

AIR CONDITIONING | HEAT PUMPS



2025



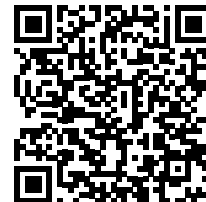
ESG

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.

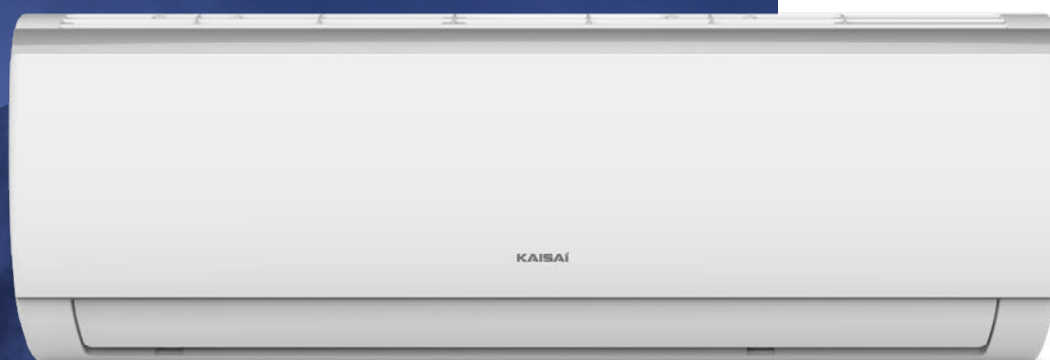
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FLY

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



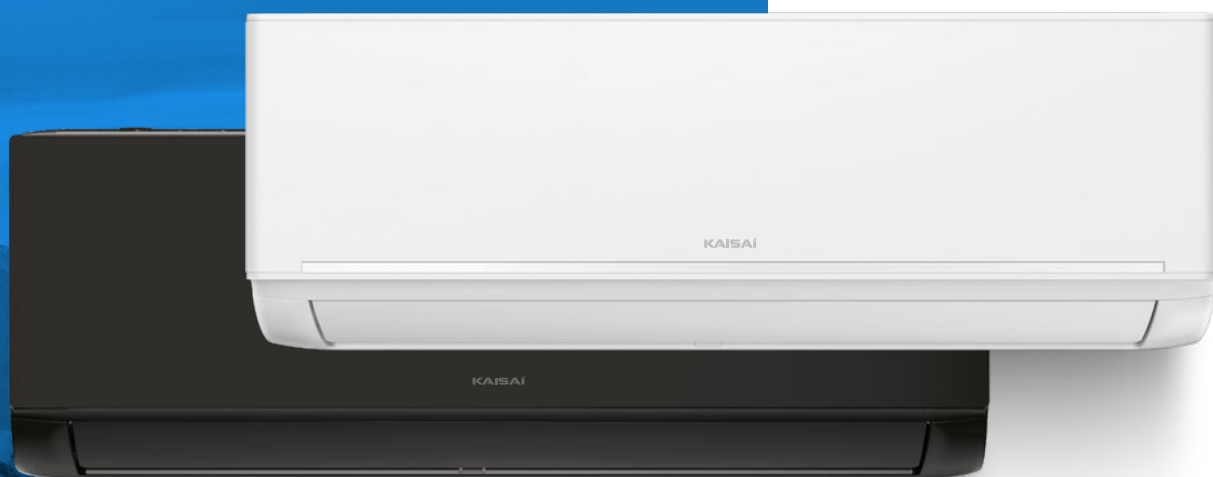
Compressor and
condensate tray heaters

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



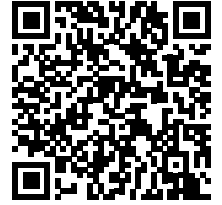
Compressor and
condensate tray heaters



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

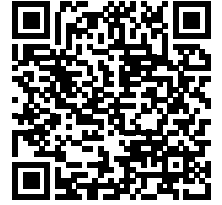


Cold catalyst filter



Compressor and
condensate tray heaters

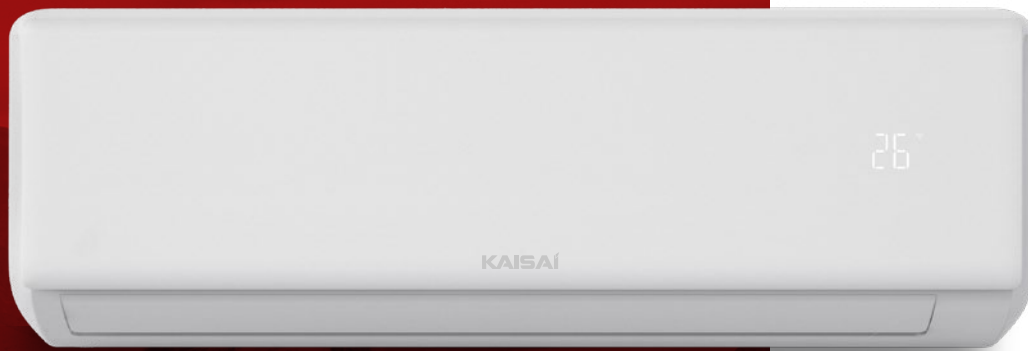
KNP-12NRHI/NRHO



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



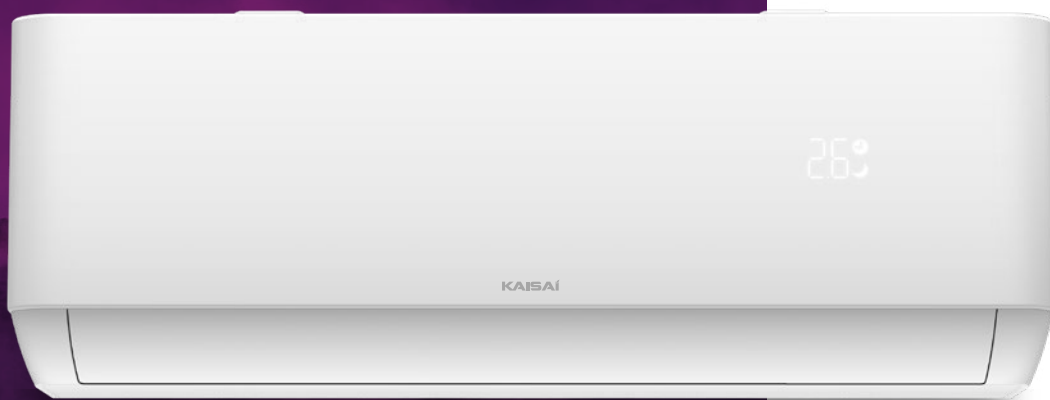
Fireplace function



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

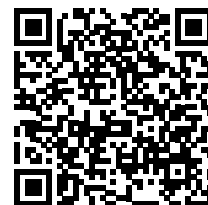


8°C continuous heating



Compressor and condensate tray heaters

The range of air conditioners also includes



Cassette

air conditioners
(KCA/KCD)



Floor/ceiling

air conditioners
(KUE)



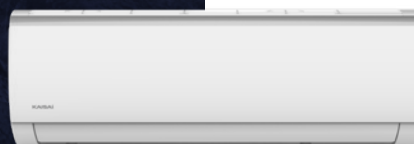
Duct

air conditioners
(KTI)



Multi-split

air conditioners



Floor

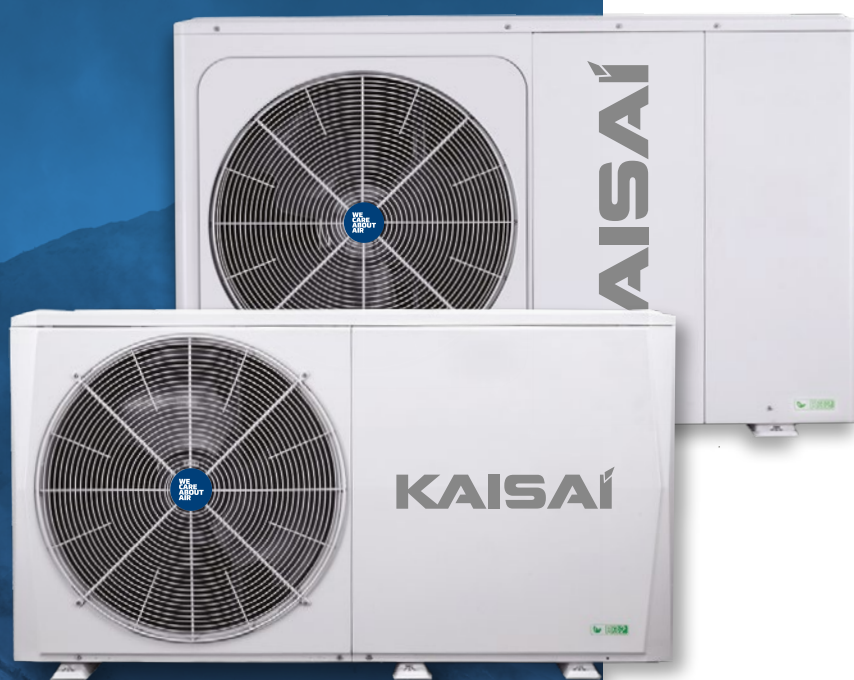
air conditioners





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



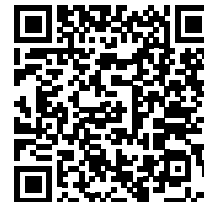
Modbus RTU
protocol



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



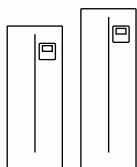
High performance after a long period of operation



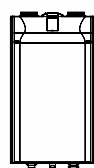
AIR CONDITIONING | HEATING
VENTILATION | PHOTOVOLTAIC



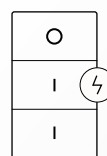
AIR CONDITIONERS



HEAT PUMPS



RECUPERATION
UNITS



ALL-IN-ONE
SYSTEM



Full range of products available on our website kaisai.com

Contact details

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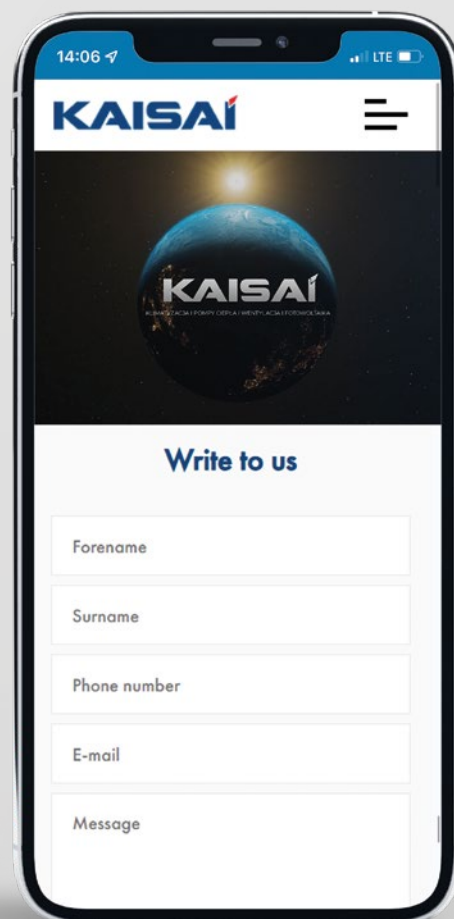
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| As the production process is technologically advanced, it requires constant monitoring and improvement, and the information contained in this publication is therefore subject to change. | Specifications and prices are subject to change.
Up-to-date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





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