

KAISAI | **auratsu**



PRODUCT GUIDE



KHC

Air-to-water heat pump
R32 monoblock



Specifications

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

Heating capacity of heater: 3/6/9 kW

Refrigerant: R32

Energy rate (heating): A+++

COP: up to 5.15

Water temperature – heating mode: 25~65°C

Water temperature – cooling mode: 5~25°C

Water temperature – DHW mode: 25~60°C

Outdoor temperature range – heating mode: -25~35°

Outdoor temperature range – cooling mode: -5~43°

Outdoor temperature range – DHW mode: -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
R32 monoblock



Specifications

Nominal capacity: 12/15 kW

Refrigerant: R32

Energy rate (heating): A+++

COP: up to 4.45

Water temperature – heating mode: 9~70°C

Water temperature – cooling mode: 5~15°C

Outdoor temperature range – heating mode: -25~43°

Outdoor temperature range – cooling mode: -5~43°

Functions



Operation of 2
heating systems



Intelligent defrost



Soundproof isolation



Shock absorption

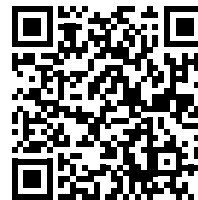


Intuitive control

KMK 190L-100RY1|240L-100/160RY3
KHA 06|08|10RY1-B 12|14|16RY3-B

KMK KHA

Air-to-water heat pump
split with DHW tank



Specifications

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

Heating capacity of heater: 3/6/9 kW

Refrigerant: R32

Energy rate (heating): A+++

COP: up to 5.15

Water temperature – heating mode: 25~65°C

Water temperature – cooling mode: 5~25°C

Water temperature – DHW mode: 25~60°C

Outdoor temperature range – heating mode: -25~35°

Outdoor temperature range – cooling mode: -5~43°

Outdoor temperature range – DHW mode: -25~43°C

Functions



Wireless
Wi-Fi operation



Modbus
RTU protocol



Additional
electric heater



Operation of 2
heating circuits

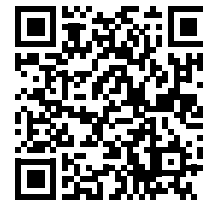


190L/240L
Stainless steel tank

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

KMK KHA

Air-to-water heat pump
R32 split



Specifications

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

Heating capacity of heater: 3/6/9 kW

Refrigerant: R32

Energy rate (heating): A+++

COP: up to 5.20

Water temperature – heating mode: 25~65°C

Water temperature – cooling mode: 5~35°C

Water temperature – DHW mode: 30~60°C

Outdoor temperature range – heating mode: -25~35°

Outdoor temperature range – cooling mode: -5~43°

Outdoor temperature range – DHW mode: -25~43°C

Functions



Wireless
Wi-Fi operation



Modbus
RTU protocol



Additional
electric heater

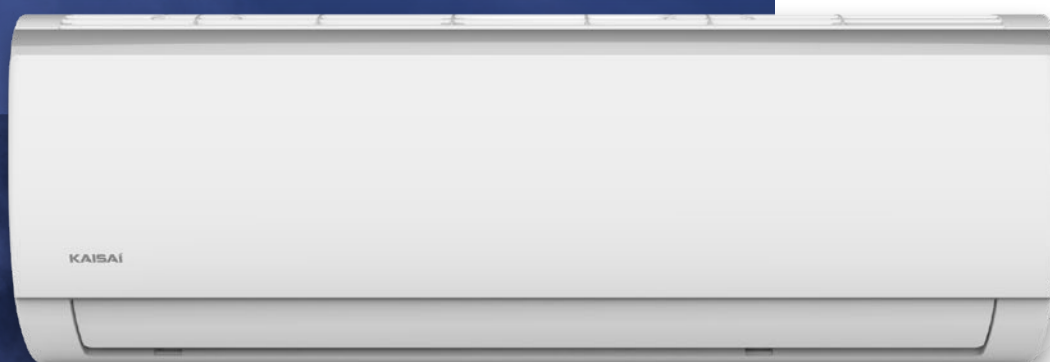


Operation of 2
heating circuits



FLY

Split air conditioner
wall mounted



Specifications

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 rating: A++/A+

SEER: up to 7.4

SCOP: 4.1

Recommended cooling temperature range: -15~50°C

Recommended heating temperature range: -25~30°C

Functions



WiFi Module



Bio Hepa Filter



Cold Catalyst Filter



3D Airflow



Compressor and
condensate tray heaters

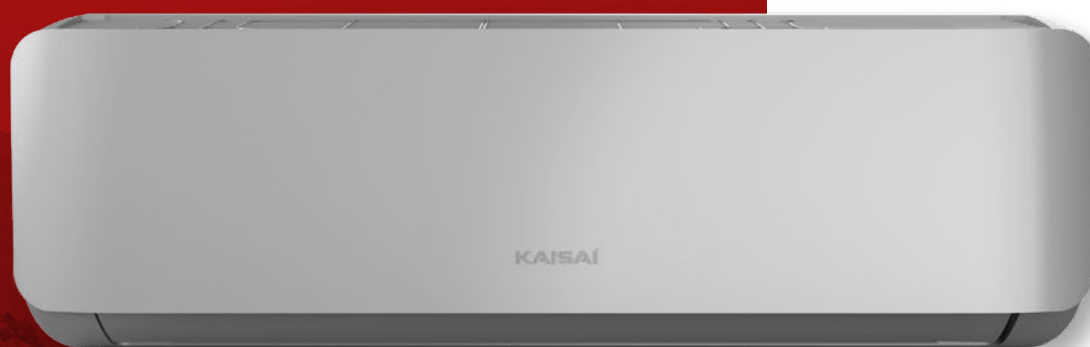


Wired controller (option)



GEO

Split air conditioner
wall mounted



Specifications

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 rating: A+++/A++

SEER: up to 9.3

SCOP: 4.6

Recommended cooling temperature range: -15~50°C

Recommended heating temperature range: -25~24°C

Functions



WiFi Module



Bio Hepa Filter



Air Ionization



3D Airflow



Cold Catalyst Filter



Compressor and
condensate tray heaters



ICE BLACK

Split air conditioner
wall mounted



Specifications

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 rating: A+++/A++

SEER: up to 8.8

SCOP: 4.6

Recommended cooling temperature range: -15~50°C

Recommended heating temperature range: -25~30°C

Functions



WiFi Module



Bio Hepa Filter



Cold Catalyst Filter



3D airflow



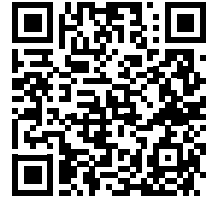
Compressor and
condensate tray heaters



Wired controller (option)

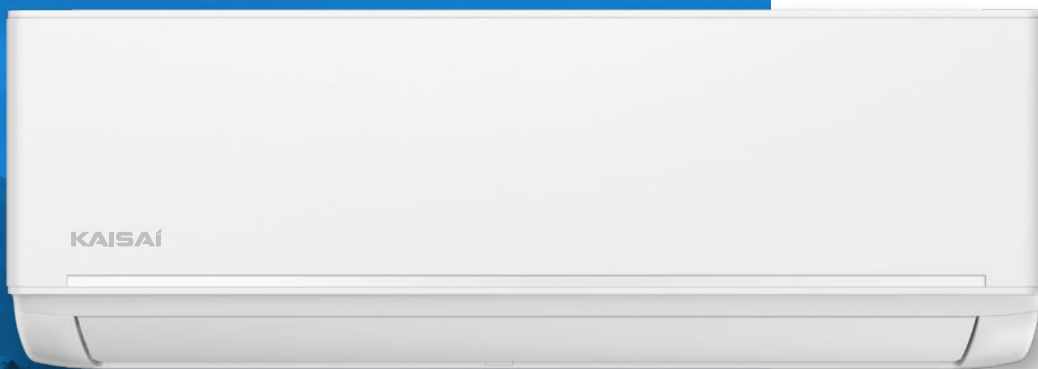


Central controller (option)



ICE WHITE

Split air conditioner
wall mounted



Specifications

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 rating: A+++ / A++

SEER: up to 8.8

SCOP: 4.6

Recommended cooling temperature range: -15~50°C

Recommended heating temperature range: -25~30°C

Functions



WiFi Module



Bio Hepa Filter



Cold Catalyst Filter



3D airflow



Compressor and
condensate tray heaters



Wired controller (option)

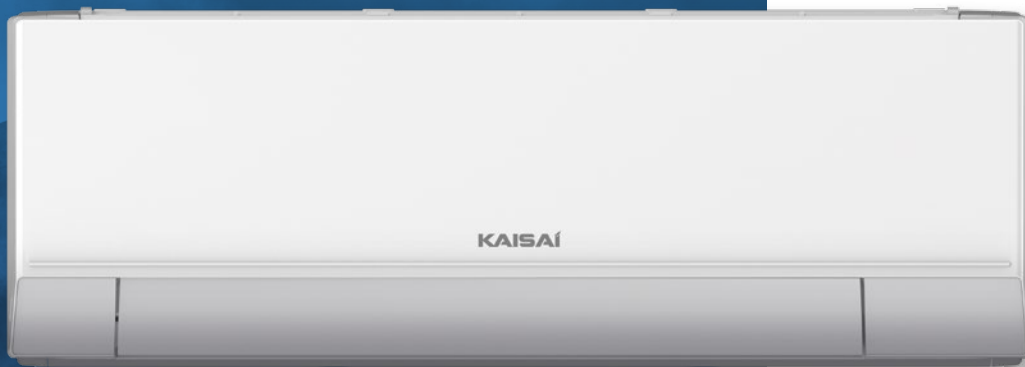


Central controller (option)



PRO HEAT

Split air conditioner
wall mounted



Specifications

Cooling capacity: 2.7/3.5/5.3/7.2 kW

Heating capacity: 3.1/3.9/5.6/7.3 kW

Refrigerant: R32

Energy rating: A+++/A++

SEER: up to 8.6

SCOP: up to 4.6

Recommended cooling temperature range: -15~50°C

Recommended heating temperature range: -25~24°C

Functions



WiFi Module



Bio Hepa Filter



Air Ionization



3D Airflow



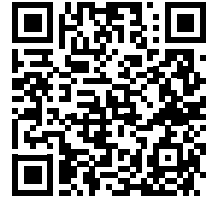
Compressor and
condensate tray heaters



Cold Catalyst Filter



Wired controller (option)



CONSOLE TYPE

air conditioner



Specifications

Cooling capacity: 3.5/5.0 kW

Heating capacity: 3.8/5.3 kW

Refrigerant: R32

Energy rating: A++/A+

SEER: up to 7.4

SCOP: 4.0

Recommended cooling temperature range: -15~50°C

Recommended heating temperature range: -15~24°C

Functions



WiFi Module (option)



2 Air outlets



8°C continuous
heating



Compressor and
condensate tray heaters

HYBRID INVERTER

Photovoltaic **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).

Specifications

Maximum PV Input Power: 20kW
Maximum DC Voltage: 1100V
Nominal Voltage: 720V
MPPT Voltage Range: 140V-1000V
Start Voltage: 200V
Maximum Short-circuit Current Per MPPT: 20A
Nominal AC Output Power: 9.2kW
Maximum Output Current: 14.5A
Nominal Output Voltage: 400V

Functions



Battery Management System



LCD Display



Maximum 8 modules connection



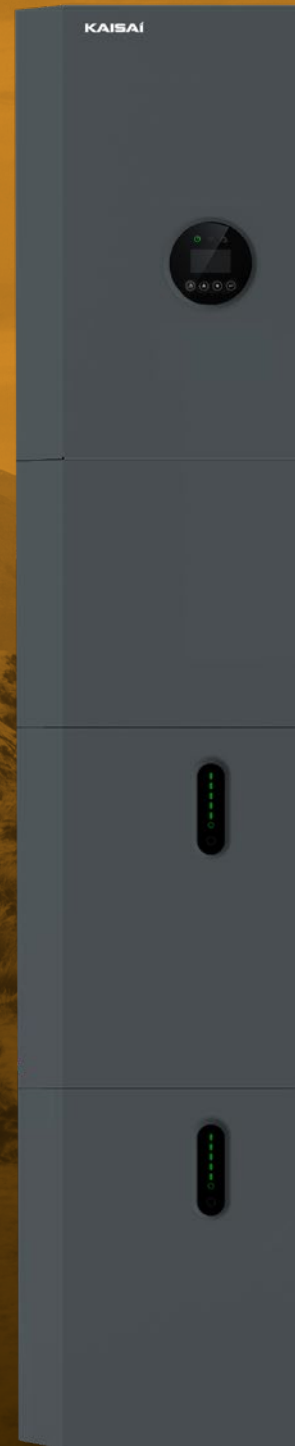
ON/OFF Grid work



CAN/WiFi/RS485 Communication



Unbalanced Output



5.1kWh BATTERY

Energy Storage Unit



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



Modular design, Plug and play, Mobile APP Monitoring.

Specifications

Energy Capacity: 5.12 kWh

Usable Capacity: 4.6 kWh

Battery type: LFP (LiFePO4)

Depth of Discharge: 90%

Nominal Volage: 51.2V

Cycle Life: 10000 cycle

Rated DC Power: 4096W

DC Circut Braker: 125A

Maximum Charge/Discharge Current: 50A/80A (with two batteries)

Maximum Charge/Discharge Power: 2825W/4096W (with two batteries)

Functions



WiFi Module



IP65 rated



Battery heaters



Multi AC/DC protection



Easy Installation

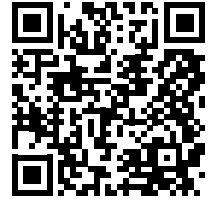


10000 Cycles

AHM 60RA1 • 100|160RA3
AHA 06|08|10RA1 • 12|14|16RA3

AHM AHA

Air-to-water heat pump
R32 split



Specifications

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 rating: A++/A+

SEER: up to 7.4

SCOP: 4.0

Recommended cooling temperature range: -15~50°C

Recommended heating temperature range: -25~30°C

Functions



WiFi Standard



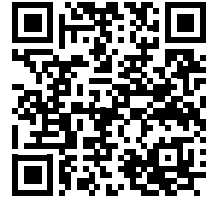
2 Heating circuits



Mobile application

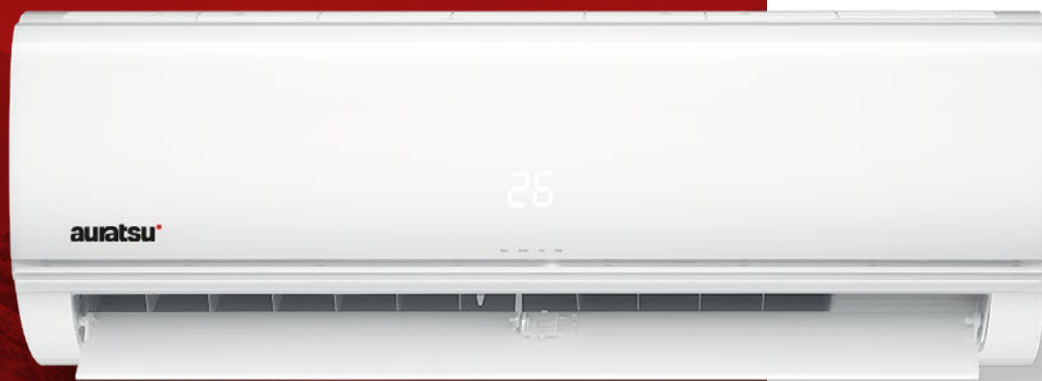


Rapid heating DHW



AWX

Split air conditioner
wall mounted



Specifications

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 rating: A++/A+

SEER: up to 7.4

SCOP: 4.0

Recommended cooling temperature range: -15~50°C

Recommended heating temperature range: -25~30°C

Functions



Cold Catalyst Filter



Follow me



WiFi Ready



Wired controller (option)

