

## KAISAI KMK-100RY3+KHA-10RY1

Product code: PC.KAISAI.S.1f.r32.KMK-100RY3+KHA-10RY1



The new series of KAISAI Arctic split heat pumps offers a wide operating range in outdoor temperatures from -25°C to 35°C during heating. The external unit is characterized by a quieter design and an anti-corrosion coating on the fins. The Arctic series allows the connection of up to 16 units via MODBUS protocol and cascading connection of up to 6 units, enabling efficient heating or cooling of larger areas. The USB socket allows for software updates and settings storage, and the ComfortHome application enables remote temperature control, zone switching, and energy consumption control via Wi-Fi module. The Arctic split heat pump (KHA+KMK) is a compact and reinforced device with an independent internal unit, easy installation, and the possibility of cascading connection, making it an ideal solution for various types of buildings. For easy access to all hydraulic components, the product has been designed with user convenience in mind. The refrigerant connection between the external and internal unit is freeze-resistant, even during prolonged power outages, and additional refrigerant is only needed for cable lengths exceeding 15 meters. These features ensure the safe and efficient operation of the split heat pump. KAISAI Arctic split heat pumps are KEYMARK certified, confirming a high product standard and compliance with European norms.

## Product variants

| Index   | Price  |
|---|--|
| <b>KAISAI KMK-100RY3+KHA-10RY1</b><br>PC.KAISAI.S.1f.r32.KMK-100RY3+KHA-10RY1 | Product prices only visible after login. If you do not have an account, please register. |

## Product description

KAISAI KMK-100RY3+KHA-10RY1 The new series of KAISAI Arctic split heat pumps offers a wide range of operation in outdoor temperatures from -25°C to 35°C during heating. The outdoor unit is characterized by a quieter construction

and an anti-corrosive coating on the fins. The Arctic series allows for connecting up to 16 units via the MODBUS protocol and cascading connection of up to 6 units, enabling efficient heating or cooling of larger areas. A USB socket allows for software updates and settings saving, and the ComfortHome application enables remote temperature control, zone switching, and monitoring of electricity consumption via Wi-Fi module. The Arctic split heat pump (KHA+KMK) is a compact and reinforced device with an independent indoor unit, easy installation, and the possibility of cascading connection, making it an ideal solution for various types of buildings. For easy access to all hydraulic components, the product has been designed with user convenience in mind. The refrigerant connection between the outdoor and indoor units is resistant to freezing, even during prolonged power outages, and additional refrigerant is only needed for pipe lengths exceeding 15 m. These features ensure safe and efficient operation of the split heat pump. KAISAI Arctic split heat pumps are certified with KEYMARK, confirming the high product standard and compliance with European norms. Advantages of the KAISAI KMK-100RY3+KHA-10RY1 heat pump: 6 operating modes: Heating / Cooling / DHW / Heating + DHW / Cooling + DHW / AUTO Modbus RTU protocol Compact design (complete hydraulic module for operation in C.O. mode) Modern controller built into the indoor unit Support for two heating circuits as standard Additional electric heater Anti-corrosive fin coating Operation using Wi-Fi wireless network

Technical data of the KAISAI KMK-100RY3+KHA-10RY1 heat pump: Refrigerant: R32 Energy class (35°C/55°C): A+++/A+++ COP coefficient: up to 5.2 Water temperature range - Heating mode: 25-65°C Water temperature range - Cooling mode: 5-35°C Water temperature range - DHW mode: 30-60°C Outdoor temperature range - Heating mode: -25-35°C Outdoor temperature range - Cooling mode: -5-43°C Outdoor temperature range - DHW mode: -25-43°C NOTE! Purchase requires certification of the F-GAS document or document of further resale.

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