

## KAISAI KHC-06RY1-B

Product code: **PC.KAISAI.M.1f.r32.00060-B**



Kaisai Monoblock Arctic Heat Pump, 6.3 kW KHC-06RY1, is a modern and compact solution with a fully integrated refrigerant system in the external unit. The KAISAI Arctic series offers a wide operating range in low external temperatures, a quiet external unit, and the ability to connect up to 16 units using the MODBUS protocol or 6 units in a cascading system. Equipped with a USB port and the ComfortHome app for remote temperature control and energy consumption monitoring. The KEYMARK certificate confirms high quality and compliance with European standards. Ideal for homes, apartments, offices, and hotels.

## Product variants

Index	Price
<b>KAISAI KHC-06RY1-B</b> <b>PC.KAISAI.M.1f.r32.00060-B</b>	Product prices only visible after login. If you do not have an account, please register.

## Product description

Heat pump KAISAI Monoblock Arctic, 6.3 kW KHC-06RY1 KAISAI Monoblock Arctic heat pumps In a monoblock type heat pump, the refrigerant installation is entirely built into the external unit. This solution ensures good thermal insulation, space savings, and quiet operation of the device. Additionally, the compact design ensures easy installation and straightforward maintenance. The new series of KAISAI Arctic heat pumps is characterized by the ability to operate in a very wide range of outdoor temperatures and features a significantly quieter construction of the external unit. In addition to the possibility of connecting up to 16 units via the MODBUS protocol, the Arctic series also allows the connection of up to 6 units in a cascading system. The device is equipped with a USB socket for software updates and settings storage. The new ComfortHome application for tablets and phones allows remote control of the supply

temperature, hot water, switching between zones, and monitoring electricity consumption. KAISAI Arctic heat pumps have obtained the KEYMARK certificate confirming the high product standard and compliance with European standards. Application: for a house, apartment, office, hotel. Advantages of the KAISAI Monoblock Arctic heat pump, 6.3 kW KHC-06RY1: 6 operating modes: Heating / Cooling / DHW / Heating + DHW / Cooling + DHW / AUTO Modbus RTU protocol Compact design (complete hydraulic module for central heating operation: circulation pump, expansion tank, safety valve, air vent valve, flow sensor – included as standard) Support for 2 heating circuits Heated drip tray Additional electric heater Wired controller included Adapted for use with glycol solution Anticorrosive fin coating Operation via WiFi wireless network Product features of KAISAI Monoblock Arctic, 6.3 kW KHC-06RY1: Nominal heating power: 6.35 kW 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: 5~25°C Water temperature range – DHW mode: 30~60°C Outdoor temperature range – heating mode: -25~35°C Outdoor temperature range – cooling mode: -5~46°C Outdoor temperature range – DHW mode: -25~43°C

---