

## KAISAI KHC-12RY3-B

Product code: PC.KAISAI.M.3f.r32.00120-B



Kaisai Monoblock Arctic Heat Pump, 12,1 kW KHC-12RY3, 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-12RY3-B</b> PC.KAISAI.M.3f.r32.00120-B	Product prices only visible after login. If you do not have an account, please register.

## Product description

Heat pump KAISAI Monoblock Arctic, 12.1 kW KHC-12RY3 Kaisai Monoblock Arctic heat pumps In a monoblock type heat pump, the installation of the refrigerant is entirely built into the external unit. This solution ensures primarily good thermal insulation, space savings, and quiet operation of the device. Additionally, the compact design ensures easy installation and simple 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 also by 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 for connection to up to 6 units in a cascade system. The device is equipped with a USB port for software updates and settings storage. The new ComfortHome application for tablet and phone allows for remote control of power and hot

water temperature, zone switching, and energy consumption monitoring. KAISAI Arctic heat pumps have obtained the KEYMARK certificate confirming the high product standard and compliance with European standards. Application: for home, apartment, office, hotel. Advantages of the KAISAI Monoblock Arctic heat pump, 12.1 kW KHC-12RY3 6 operating modes: Heating / Cooling / DHW / Heating + DHW / Cooling + DHW / AUTO Modbus RTU protocol Compact design (complete hydraulic module for operation in heating mode: circulation pump, expansion tank, safety valve, air vent valve, flow sensor - as standard) Support for 2 heating circuits Heated drip tray Additional electric heater Wired controller included Designed to work with glycol solution Anticorrosive lamella coating Operation using wireless WiFi network Features of the KAISAI Monoblock Arctic product, 12.1 kW KHC-12RY3 Nominal heating power: 12.10 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 External temperature range - heating mode: -25-35°C External temperature range - cooling mode: -5-46°C External temperature range - DHW mode: -25-43°C