

## KAISAI KHC-14RY3-B

Product code: **PC.KAISAI.M.3f.r32.00140-B**



Kaisai Monoblock Arctic Heat Pump, 14,5 kW KHC-14RY3, 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-14RY3-B</b> <b>PC.KAISAI.M.3f.r32.00140-B</b>	Product prices only visible after login. If you do not have an account, please register.

## Product description

Heat pump KAISAI Monoblock Arctic, 14.5 kW KHC-14RY3 Heat pumps Kaisai Monoblock Arctic In a monoblock-type heat pump, the installation of the refrigerant is entirely built into the outdoor unit. This solution primarily ensures good thermal insulation, space savings, and quiet operation of the device. Additionally, the compact construction ensures easy installation and simple maintenance. The new series of heat pumps KAISAI Arctic is characterized by the ability to operate in a very wide range of outdoor temperatures and also by a significantly quieter construction of the outdoor unit. In addition to the possibility of connecting up to 16 units via the MODBUS protocol, the Arctic series also allows for the connection of up to 6 units in a cascading system. The device is equipped with a USB port enabling software updates and saving settings. The new ComfortHome application for tablet and phone allows remote control of power

supply temperature and hot water, switching zones, and monitoring electricity consumption. KAISAI Arctic heat pumps have obtained a KEYMARK certificate confirming the high product standard and compliance with European norms. Application: for homes, apartments, offices, hotels. Advantages of the KAISAI Monoblock Arctic heat pump, 14.5 kW KHC-14RY3 6 operating modes: Heating / Cooling / DHW / Heating + DHW / Cooling + DHW / AUTO Modbus RTU protocol Compact construction (complete hydraulic module for central heating operation: circulating pump, expansion vessel, safety valve, air vent valve, flow sensor - as standard) Operation of 2 heating circuits Heated drip tray Additional electric heater Wired controller included Adapted for operation with glycol solution Anticorrosive lamellar coating Operation using WiFi wireless network Features of the KAISAI Monoblock Arctic product, 14.5 kW KHC-14RY3 Nominal heating power: 14.50 kW Coolant R32 Energy class (35°C/55°C): A+++/A+++ Coefficient of Performance (COP): 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: -5-6°C Outdoor temperature range - DHW mode: -25-43°C

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