

KAISAI KHC-22RY3

Product code: PC.KAISAI.M.3f.r32.00220



KAISAI KHC-22RY3 Heat Pump In the monoblock-type heat pump, the refrigerant system is entirely built into the external unit, ensuring excellent thermal insulation, space efficiency, and quiet operation. The compact design facilitates easy installation and straightforward maintenance. The new KAISAI Arctic series excels in its ability to operate in a wide range of external temperatures and boasts a significantly quieter external unit. In addition to connecting up to 16 units through the MODBUS protocol, the Arctic series allows the connection of up to 6 units in a cascading system. The device features a USB port for software updates and settings storage. The ComfortHome app for tablets and phones enables remote control of supply and domestic hot water temperatures, zone switching, and monitoring electricity consumption. KAISAI Arctic heat pumps have been awarded the KEYMARK certificate, confirming a high product standard and compliance with European norms.

Product variants

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| KAISAI KHC-22RY3 PC.KAISAI.M.3f.r32.00220 | Product prices only visible after login. If you do not have an account, please register. |

Product description

Heat pump KAISAI KHC-22RY3 In a monoblock type heat pump, the refrigerant installation is entirely built into the outdoor unit. This solution ensures good thermal insulation, space saving, 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 it distinguishes itself with a significantly quieter outdoor unit construction. In addition to the ability to connect up to 16

units via the MODBUS protocol, the Arctic series also allows connection of 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 remote control of power and hot water temperatures, 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. Advantages of the KAISAI KHC-22RY3 heat pump: 6 operating modes: Heating / Cooling / DHW (Domestic Hot Water) / Heating + DHW / Cooling + DHW / AUTO Modbus RTU protocol Compact construction (complete hydraulic module for central heating operation: circulation pump, expansion tank, safety valve, air vent valve, flow sensor - as standard) Operation of 2 heating circuits - as standard Heated drip tray - as standard Wired controller included Adapted for operation with glycol solution Anticorrosive coating of fins Operation using WiFi wireless network - not available on every device, which does not constitute grounds for complaint. Technical data of the KAISAI KHC-22RY3 heat pump: Nominal heating power: 22 kW Refrigerant: R32 Energy class (35°C/55°C): A+++/A++(22kW), A++/A+(30kW) Coefficient of Performance (COP): up to 4.4 Water temperature range - heating mode: 25-60°C Water temperature range - cooling mode: 5-25°C Water temperature range - DHW mode: 40-60°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