

Blaupunkt heat pumps have been designed to meet the needs of the most demanding customers. Blaupunkt air source heat pumps use high-quality components from leading suppliers, and moreover, they are characterized by modern design, well-thought-out color selection and precision of workmanship.

LOW-TEMPERATURE MONOBLOCK WITH ENERGY CLASS A +++ / A ++

Hymon Blaupunkt heat pumps are designed to meet your energy saving needs. It is a multifunctional device for heating domestic hot water and buildings.

Blaupunkt heat pumps are characterized by a low noise level. They have WIFI so you can use intelligent control. They achieve high efficiency with low power consumption. EVI technology allows to obtain increased pressure of the refrigerant at the outlet of the compressor. Higher condensing pressure and greater amount of refrigerant in the condenser allow to achieve higher heating efficiency and transformation temperature.

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COMPONENTS:

- PANASONIC compressor
- CAREL expansion valve
- WOLONG inverter fan
- CAREL pressure sensor
- CAREL driver

CAREL solutions are usually hidden inside larger devices. Valves are only a few centimeters in size, sensors, controllers, thermostats and supervision systems that make up the control system for air conditioning, cooling and heating systems. These are components that play a fundamental role within the wider system. Their function to monitor and control such systems helps to increase overall efficiency and ensure significant energy savings.

ADVANTAGES OF HEAT PUMPS:

- **MORE ENERGY EFFICIENCY**

By achieving the ERP A +++ energy class, they save energy by more than 30%.

- **QUIET OPERATION MODE**

Heat pumps use new measures to reduce noise: Panasonic compressor and brushless fans.

- **INTELLIGENT CONTROL**

The CAREL controller with the RS485 / WiFi App is adapted to control between the heat pump unit and the final application.

- **WIDE VOLTAGE APPLICATION**

The heat pump is stable in the 150V-260V (1st phase) or 330V-450V (3phase) voltage range to reduce the effect of main voltage disturbances on the equipment.

- **INTELLIGENT DEFROSTING**

Intelligent technology makes optimal defrost decisions to minimize energy consumption and increase user satisfaction.

Properly selected components and their high quality translate into high yields of Blaupunkt heat pumps. These devices are characterized by high energy classes. In tests carried out by TÜV SÜD, depending on the temperature of the heating system, with which they would cooperate, they obtained:

- for a CO flow temperature of 35 °C - energy class A +++
- for a central heating flow temperature of 55 °C - energy class A ++

This proves the very high savings of Blaupunkt devices which results in a low cost of their use, which will result in a quick return on investment.

LOW-TEMPERATURE SPLIT WITH ENERGY CLASS A +++ / A ++

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