

Air-Water monoblock heat pump

HPM2.C



HPM2.C - Heat pump system consisting of an **HPM02** outdoor unit and a 3in1 **HPMD** indoor unit for installation in new and modernized homes.



* detailed warranty conditions are described in the warranty card

HPM02 outdoor unit - monoblock inverter heat pump

The most important advantages and functions:

- Energy class: A+++ (35 °C) / A++ (55 °C)
- The EVI injection system ensures high operating efficiency and water temperature up to 60°C
- Wide operating range at outside air temperature from -25°C do +43°C
- Quiet operation of the device - sound pressure level at a distance of 1 m: 52 to 56 dB (A) depending on the selected device power
- Surface cooling of rooms or cooperation with a fan coil
- Protection of the condensate against freezing
- Smooth power modulation ensures optimal operation depending on the heating needs:
 - HPM02-8: from 2,3 to 8,2kW (A7/W35)
 - HPM02-12: from 3,8 to 12,5kW (A7/W35)
 - HPM02-16/23: from 7 to 23kW (A7/W35)



HPM02-8



HPM02-12



HPM02-16/23

The HPMD 3in1 indoor unit combines the functions of a hydraulic module with the system controller, DHW cylinder and the central heating buffer tank. Compact design enables easy installation of the device.



Hydraulic module

- heat pump control panel.
- electric heating unit
- circulation pump.
- three-way dividing valve
- safety valve, electronic pressure gauge, automatic air vent
- dirt separator
- remote control (C.MI2 module)

DHW cylinder - 250 liters

- the amount of hot water optimal for 3-5 people
- electronic anode (titanium)

CH buffer tank - 60 liters

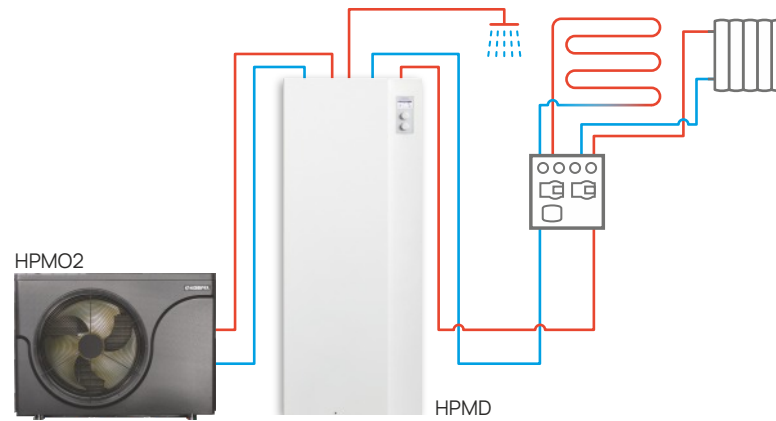
- supports defrosting of the heat pump as well as heating and cooling of rooms
- the partition prevents the mixing of hot water supplying the central heating system with cold water returning to the buffer





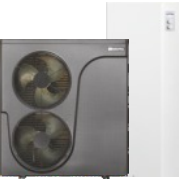
Technical data

Product code	Elements of the set	Max. heating power (kW)	Max. COP	Seasonal energy efficiency class	Max level of pressure / sound power dB (A)	Electric heating unit	Voltage	Rated current of the overcurrent circuit breaker	Minimum cross-section of the power cord
HPM2.C-8	HPM02-8 i HPMD-8	8,2 (A+7/W35) 7,1 (A+2/W35) 5,8 (A-7/W35)	4,6 (A+7/W35) 4,01 (A+2/W35) 3,49 (A-7/W35)	A+++ (W35) A++ (W55)	52 from 1m / 60	6kW	400V 3N~ / 230 V~	3x16A / 40A	5x2,5mm ² / 3x6mm ²
HPM2.C-12	HPM02-12 i HPMD-12	12,5 (A+7/W35) 11,3 (A+2/W35) 9,2 (A-7/W35)	4,75 (A+7/W35) 3,94 (A+2/W35) 3,37 (A-7/W35)		55 from 1m / 63	6kW	400V 3N~ / 230 V~	3x25A / 50A	5x2,5mm ² / 3x6mm ²
HPM2.C-16/23	HPM02-16/23 i HPMD-16	23,0 (A+7/W35) 20,5 (A+2/W35) 17,1 (A-7/W35)	4,76 (A+7/W35) 4,02 (A+2/W35) 3,47 (A-7/W35)		56 from 1m / 64	9kW	400 V 3N~	3x32A	5x2,5mm ²





Exemplary installation



HPM2.C sets

	Product code	Description	Elements of the set
	HPM2.C-8	The heat pump system includes: <ul style="list-style-type: none"> HPM02-8 outdoor unit HPMD-8 „3in1“ indoor unit outdoor and indoor temperature sensors and 2 heating circuit sensors 	HPM02-8 HPMD-8 sensor WE-019/05 - 2 pcs. sensor WE-027 sensor WE-033/02
	HPM2.C-12	The heat pump system includes: <ul style="list-style-type: none"> HPM02-12 outdoor unit HPMD-12 „3in1“ indoor unit outdoor and indoor temperature sensors and 2 heating circuit sensors 	HPM02-12 HPMD-12 sensor WE-019/05 - 2 pcs. sensor WE-027 sensor WE-033/02
	HPM2.C-16	The heat pump system includes: <ul style="list-style-type: none"> HPM02-16/23 outdoor unit HPMD-16/23 „3in1“ indoor unit outdoor and indoor temperature sensors and 2 heating circuit sensors 	HPM02-16/23 HPMD-16 sensor WE-019/05 - 2 pcs. sensor WE-027 sensor WE-033/02

Additional equipment

Product code	Picture	Description
C.MI2		The C.MI2 internet module enables remote control of the heat pump's operation via the Internet using a computer, tablet or smartphone. The control is via a web browser, ensuring easy and intuitive operation and the use of all the advanced functions of the device driver
HPFF		Vibro-isolating stand (base) for the heat pump 600x190x200 (2 pcs. in the set)
WE-019/05		Temperature sensor for heating circuits
HPHS.24		24V humidity sensor to protect against the accumulation of moisture