



naturally  
**pure heat**



naturally  
**warm water**



# 35 Years of Leadership in Heating Solutions

Since 1990, we have been investing in modern technologies and proprietary solutions, achieving the position of one of the leading manufacturers of electric heating devices in Europe.

We have four production plants, including the latest with an advanced, fully automated production line, and our products are available in 55 countries.

We offer integrated systems, ensuring excellent quality of devices. We specialize in providing heating solutions, including hot water tanks and DHW cylinders, central heating buffers, heat pumps, electric water heaters, and central heating boilers.







**KOSPEL**  
since 1990

**35** years  
of experience



**4** mln  
devices



**55**  
countries worldwide



We stand out through the uniqueness of our products and services, as well as care for the customer. Thanks to flexibility and adaptability, we quickly respond to the changing needs of the market.



### Advanced, Fully Automated Tank Production Line

A new factory for hot water tanks and exchangers, 13,000 m<sup>2</sup>, fully automated production lines, FANUC robots. Innovative technological processes.



### Production of Electric Devices

We specialize in the production of electric water heaters, heat pumps, and central heating boilers. Each product is carefully designed to ensure ease of installation, efficiency, and reliability for the user.



### Modern Storage Facilities

A facility with an area of nearly 6,000 m<sup>2</sup>, located in the Panattoni complex in Koszalin. The applied logistical solutions ensure effective inventory management, which translates into process optimization and faster order fulfillment for our customers.





## Research and Development Centers

Research and Development Centers located in Koszalin and Krakow were created with the aim of developing projects and conducting advanced tests, which are crucial for developing innovative solutions.



## Training Centers

Located in Koszalin and Krakow, these spaces are for learning and exchanging experiences. Specialized courses, practical workshops, as well as demonstrations and presentations of the latest engineering achievements.



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# Heat pumps

We are proud to present a complete heating system with a Kospel brand heat pump, which has been developed based on our years of experience in the heating industry. With our system, equipped with an inverter monobloc heat pump, a domestic hot water tank and a central heating buffer, we, as users, can enjoy optimal thermal comfort in your home!

In our portfolio you will find devices with a wide range of heating power up to 23kW (A7, W35) and also tanks adjusted to the needs of any household. The only thing left to do is to enjoy the convenience provided by the Kospel heat pump heating system!









### Wide range of power up to 23 kW!

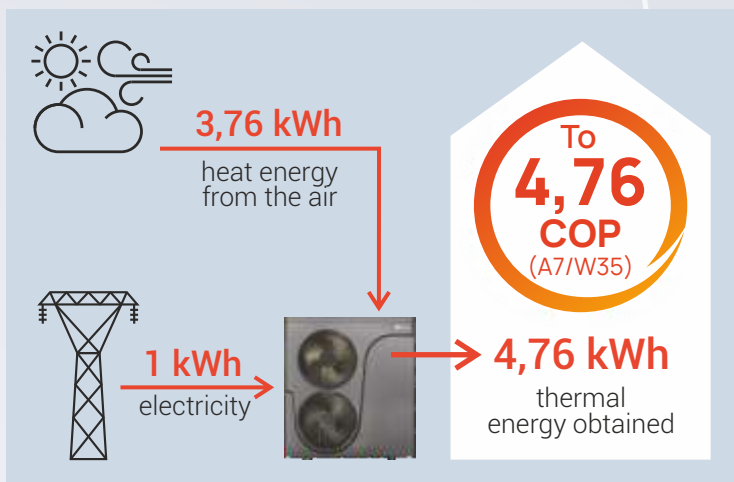


The possibility of selecting the appropriate power will make **HPM02** heat pumps capable of heating both small houses and larger residential buildings.

### Quiet operation of the unit      High COP factor!

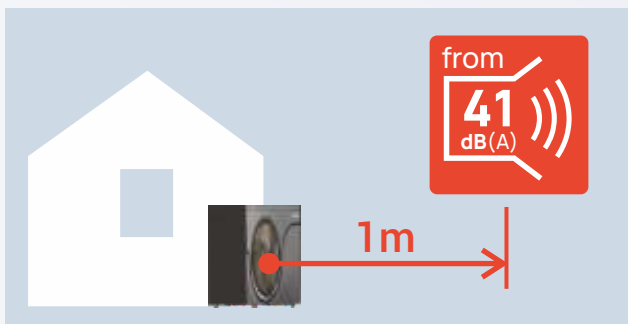


Appropriate design of the device and insulation of components ensures quiet operation.



This is the conversion of 1 kWh of electricity consumed into heating energy that the heat pump transfers to our home.

Depending on the **HPM02** heat pump selected, they have a **COP** value from 4.5 to as high as 4.76 (A7/W35). That means that one kilowatt of electricity consumed allows you to get almost five times more energy heat in the home from the delivered unit.





### Heat pump sets

With the **HPM02** heat pump heating system, you do not need to worry about the selection of additional equipment.  
The package includes optimally selected tanks to ensure the most efficient operation of the system.



Examples of HPM02 heat pump sets.

### Possibility to control the heat pump remotely

Using the C.MI2 module you gain full control over the operation of the device, you will be able to make changes in settings and parameter adjustments using your smartphone.

You will also remotely perform service diagnostics of the device.



internet module C.MI2  
(additional equipment)

### High energy class

**A+++** 35°C

**A++** 55°C

### Recommended for photovoltaics



Warranty care „KOSPEL SAFE”  
- up to 5 years warranty on HPM02

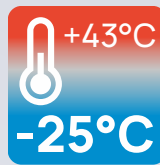




## Inverter monoblock heat pumps



The EVI injection system ensures high operating efficiency and water temperature of up to 60°C



Wide range of operation at temperature of outside air from -25°C to +43°C



Anti-Frost system to prevent freezing of condensation



Eco-friendly refrigerant



Inverter monoblock heat pumps

### HPM02-8

**2,3-8,2 kW**  
(A7/W35)  
smooth power modulation

from **41** dB(A)  
1 meter  
quiet operation

to **4,6** COP  
(A7/W35)  
high efficiency

	dimensions HxWxD (mm)
HPM02-8	795x1165x400

### HPM02-12

**3,8-12,5 kW**  
(A7/W35)  
smooth power modulation

from **47** dB(A)  
1 meter  
quiet operation

to **4,75** COP  
(A7/W35)  
high efficiency

	dimensions HxWxD (mm)
HPM02-12	928x1280x460

### HPM02-16/23

**7,0-23,0 kW**  
(A7/W35)  
smooth power modulation

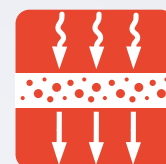
from **56** dB(A)  
1 meter  
quiet operation

to **4,76** COP  
(A7/W35)  
high efficiency

	dimensions HxWxD (mm)
HPM02-16/23	1329x1240x495



Optional **HPFF** vibration isolator kit ensuring quiet operation of the outdoor unit





## Indoor units



Weather control



Control of 2 heating circuits + hot water circuit.



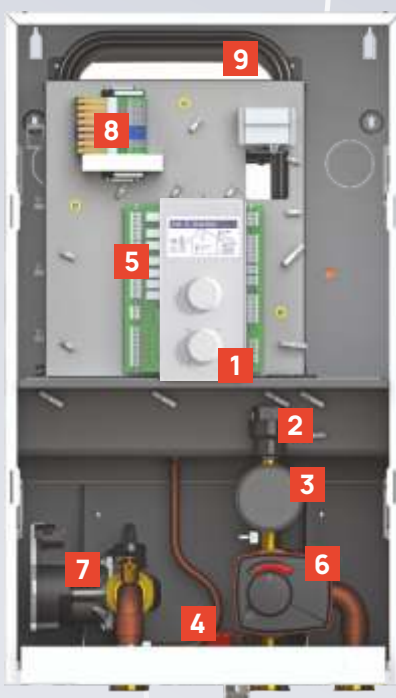
Electric heating unit with automatic power modulation



Hydraulic group



Cooling function



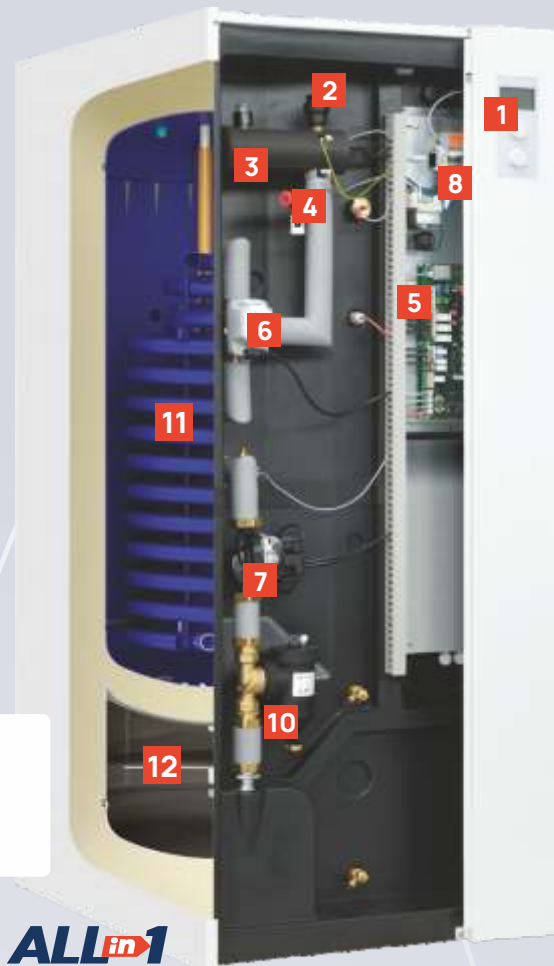
### HPMI2

Central heating unit with weather control, equipped with hydraulic group and electric heating unit.

	dimensions HxWxD (mm)
HPMI2	717x416x323

#### Legenda (HPMD/HPMI2)

- 1** control panel
- 2** automatic air vent
- 3** electric heating unit
- 4** safety vavel
- 5** device controller
- 6** three-way valve
- 7** circulation pump
- 8** electric connections
- 9** diaphragm vessel (HPMI2)



### Optional

Possibility to connect an external UPS- freeze protection freezing

### HPMD



Central heating unit with weather control, equipped with a hydraulic group with an electric heating unit, hot water tank and central heating buffer.

	dimensions HxWxD (mm)
HPMD	1678x690x851

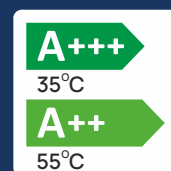
- 10** pollution separator (HPMD)
- 11** **hot water storage tank. 250 liters (HPMD)**
  - the amount of hot water optimal for 3-5 people
  - electronic anode (titanium)
- 12** **central heating buffer tank. 60 liters (HPMD)**
  - supports heat pump defrosting and heating
  - the separator prevents mixing of the hot water feeding the central heating system with the cool water returning to the buffer space cooling

\* 3/6 kW - HPMI2-8; HPMD-8 i HPMI2-12; HPMD-12; 3/6/9 kW - HPMI2-16; HPMD-16



## HPM2.C sets

System consisting of **HPM02** heat pump and a **3in1** type **HPMD** indoor unit for installation in new and renovated buildings.



5 years warranty

Set with monobloc heat pump

### HPM2.C-8.1

- HPM02-8 - heat pump
- HPMD-8 "3in1" - indoor unit

Set with monobloc heat pump

### HPM2.C-12.1

- HPM02-12 - heat pump
- HPMD-12 "3in1" - indoor unit

Set with monobloc heat pump

### HPM2.C-16.1

- HPM02-16/23 - heat pump
- HPMD-16 "3in1" - indoor unit

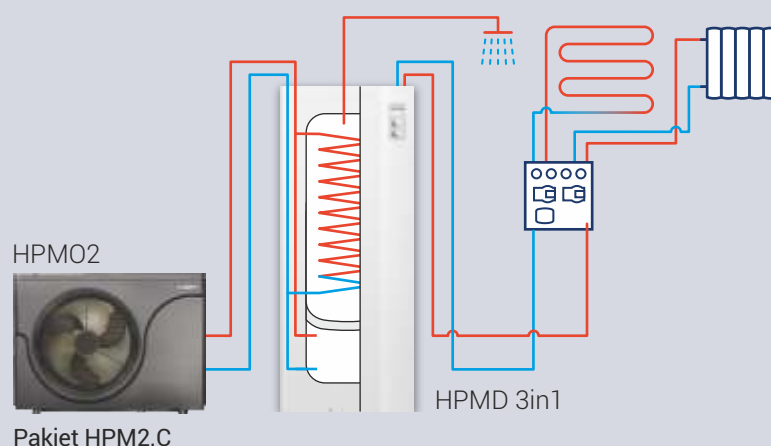


## Technical data




Product code	Set components	Maximum heating power (kW)*	Cop maximum*	Electricity efficiency class*	Pressure level -Q2 / power factor sound power dB(A)*	Electric unit heating	Power supply	Rated current of the overcurrent circuit breaker	Minimum cross-sectional area of the supply cable
HPM2.C-8.1	HPM02-8 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)	41 from dist.1m / 49	6kW	400V 3N~ / 230 V~	3x16A / 40A	5x2,5mm <sup>2</sup> / 3x6mm <sup>2</sup>
HPM2.C-12.1	HPM02-12 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)		47 from dist.1m / 55	6kW	400V 3N~ / 230 V~	3x25A / 50A	5x2,5mm <sup>2</sup> / 3x6mm <sup>2</sup>
HPM2.C-16.1	HPM02-16/23 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)		51 from dist.1m / 59	9kW	400 V 3N~	3x32A	5x2,5mm <sup>2</sup>

\* HPM02 heat pump data







Schematic diagram of the **HPM2.C** package installation

## HPM2.C sets with HPM02 heat pump

	Product code	Description	Set Components
	HPM2.C-8.1	the set consists of: - HPM02-8 heat pump - indoor unit 3in1 HPMD-8 - weather temperature sensor - sensors for outside temperature, room temperature and 2 sensors for heating circuits	HPM02-8 HPMD-8 sensor WE-019/05 - 2 pcs. sensor WE-027 sensor WE-033/02
	HPM2.C-12.1	the set consists of: - HPM02-12 heat pump - indoor unit 3in1 HPMD-12 - weather temperature sensor - sensors for outside temperature, room temperature and 2 sensors for heating circuits	HPM02-12 HPMD-12 sensor WE-019/05 - 2 pcs. sensor WE-027 sensor WE-033/02
	HPM2.C-16.1	the set consists of: - HPM02-16/23 heat pump - indoor unit 3in1 HPMD-16 - weather temperature sensor - sensors for outside temperature, room temperature and 2 sensors for heating circuits	HPM02-16/23 HPMD-16 sensor WE-019/05 - 2 pcs. sensor WE-027 sensor WE-033/02

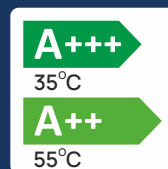
## Heat pump accessories

Product code	Photo	Description
C.MI2		The C.MI2 internet module allows remote control of heat pump operation via the internet using a computer, tablet or smartphone. Control takes place through a dedicated application (Android/iOS) or web browser, providing easy and intuitive operation and use of all advanced features of the device controller
HP.FF		Vibration isolation stand for heat pump 600x190x200 (2 pcs included)
WE-019/05		Temperature sensor for heating circuits
HP.HS.24		24V humidity switch to protect against moisture buildup - recommended for building cooling



## HPM2.Z sets

Integrated package consisting of **HPM02** heat pump and **HPMI2** indoor unit for installation in new and retrofit homes.



5 years warranty

Heat pump packages  
monoblock type

### HPM2.Z-8

- HPM02-8 - heat pump
- HPMI2-8 - indoor unit



Heat pump packages  
monoblock type

### HPM2.Z-12

- HPM02-12 - heat pump
- HPMI2-12 - indoor unit



Heat pump packages  
monoblock type

### HPM2.Z-16/23

- HPM02-16/23 - heat pump
- HPMI2-16 - indoor unit



## Technical data

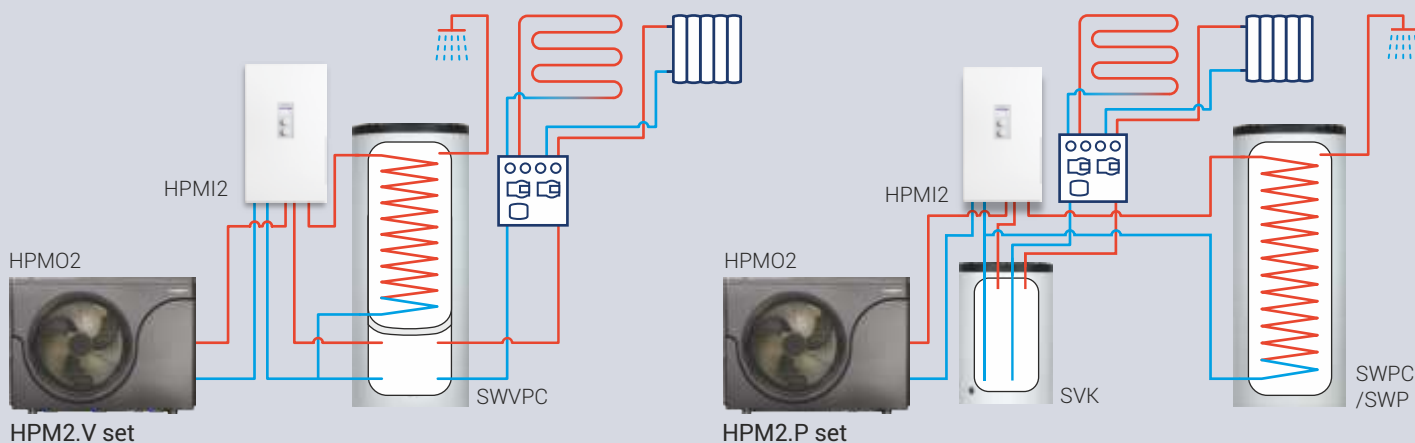
Product code	Set components	Maximum heating power (kW)*	Cop maximum*	Electricity efficiency class*	Pressure level -Q2 / power factor sound power dB(A)*	Electric unit heating	Power supply	Rated current of the overcurrent circuit breaker	Minimum cross-sectional area of the supply cable
HPM2.Z-8	HPM02-8 HPMI2-8	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)	41 from dist.1m / 49	6kW	400V 3N~ / 230 V~	3x16A / 40A	5x2,5mm <sup>2</sup> / 3x6mm <sup>2</sup>
HPM2.Z-12	HPM02-12 HPMI2-12	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)		47 from dist.1m / 55	6kW	400V 3N~ / 230 V~	3x25A / 50A	5x2,5mm <sup>2</sup> / 3x6mm <sup>2</sup>
HPM2.Z-16/23	HPM02-16/23 HPMI2-16	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)		51 from dist.1m / 59	9kW	400 V 3N~	3x32A	5x2,5mm <sup>2</sup>

HPM2.Z packages also include:  
- WE-019/01 storage tank sensor  
- 2 heating circuit sensors WE-019/05  
- WE-027 outdoor temperature sensor  
- room temperature sensor WE-033/02

\* HPM02 heat pump specifications



## Schematic diagram of the **HPM2.V** and **HPM2.P** package installation



### Sets with HPM02 heat pump and hot water tank and central heating buffer.

	Product code	Description	Set Components
	HPM2.V-8	The set includes: - HPM02-8 monobloc heat pump, - HPMI2-8 indoor unit - hot water tank/buffer tank SWVPC-250/60 (hot water for 3-5 people) - sensors for outdoor temperature, room temperature, DHW tank. and 2 sensors for heating circuits	HPM02-8 HPMI2-8 SWVPC-250/60 sensor WE-019/05 - 2 pcs. sensor WE-027, sensor WE-033/02 sensor WE-019/01
	HPM2.P-8.1	The set includes: - HPM02-8 monobloc heat pump, - HPMI2-8 indoor unit - hot water heat exchanger. SWP-300 (hot water for 5-7 people) - SVK-100 buffer tank - sensors for outdoor temperature, room temperature, DHW tank and 2 sensors for heating circuits	HPM02-8 HPMI2-8 SVK-100 SWP-300 sensor WE-019/05 - 2 pcs. sensor WE-019/01 sensor WE-027, sensor WE-033/02
	HPM2.V-12	The set includes: - HPM02-12 monobloc heat pump, - HPMI2-12 indoor unit - hot water tank/buffer tank SWVPC-250/60 (hot water for 3-5 people) - sensors for outdoor temperature, room temperature, DHW tank. and 2 sensors for heating circuits	HPM02-12 HPMI2-12 SWVPC-250/60 sensor WE-019/05 - 2 pcs. sensor WE-027, sensor WE-033/02 sensor WE-019/01
	HPM2.P-12	The set includes: - HPM02-12 monobloc heat pump, - HPMI2-12 indoor unit - hot water heat exchanger. SWPC-300 (hot water for 5-7 people) - SVK-100 buffer tank - sensors for outdoor temperature, room temperature, DHW tank. and 2 sensors for heating circuits	HPM02-12 HPMI2-12 SVK-100 SWPC-300 sensor WE-019/05 - 2 pcs. sensor WE-027, sensor WE-033/02 sensor WE-019/01
	HPM2.P-16/23	The set includes: - HPM02-16/23 monobloc heat pump, - HPMI2-16 indoor unit - hot water heat exchanger. SWPC-300 (hot water for 5-7 people) - SVK-100 buffer tank - sensors for outdoor temperature, room temperature, DHW tank. and 2 sensors for heating circuits	HPM02-16/23 HPMI2-16 SVK-100 SWPC-300 sensor WE-019/05 - 2 pcs. sensor WE-027, sensor WE-033/02 sensor WE-019/01

### Heat pump accessories

Product code	Photo	Description
C.MI2		The C.MI2 internet module allows remote control of heat pump operation via the internet using a computer, tablet or smartphone. Control takes place through a dedicated application (Android/iOS) or web browser, providing easy and intuitive operation and use of all advanced features of the device controller
HP.FF		Vibration isolation stand for heat pump 600x190x200 (2 pcs included)
WE-019/01		Temperature sensor for storage tank / buffer tank
WE-019/05		Temperature sensor for heating circuits
HP.HS.24		24V humidity switch to protect against moisture buildup - recommended for building cooling



## HPSW2-250



### Key advantages

#### Energy-efficient operation

- highest efficiency class on a scale of A+ to F

#### Easy installation in low rooms

- height of only 1.7m

#### Quiet operation

- compressor and fan are enclosed in a leak proof case
- noise level has been reduced to a minimum

#### Microchannel condenser - an efficient and environmentally friendly solution

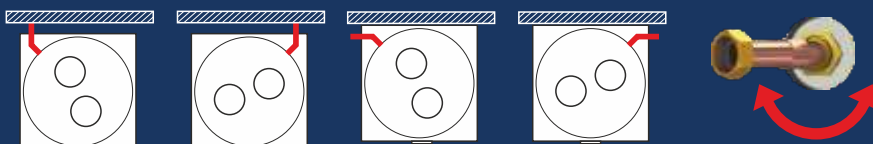
- large heat exchange surface and heating water with maximum efficiency
- requires small amounts of refrigerant, which is important for protection of the environment

#### Advanced control

- water temperature and operating time programming with the control panel
- control of the DHW circulation pump
- economy mode: only the compressor is activated, and if necessary, the boiler or immersion heater is activated afterwards
- turbo mode: rapid heating of water using all heat sources

#### Universal installation

- HPSW2 pump allows to change the location of the connections
- connections can be directed to the rear or side of the unit, to the right or to the left side



Pump with 250 l storage cylinder ideal for a household. In addition, it allows heating water by a built-in coil or electric heater.

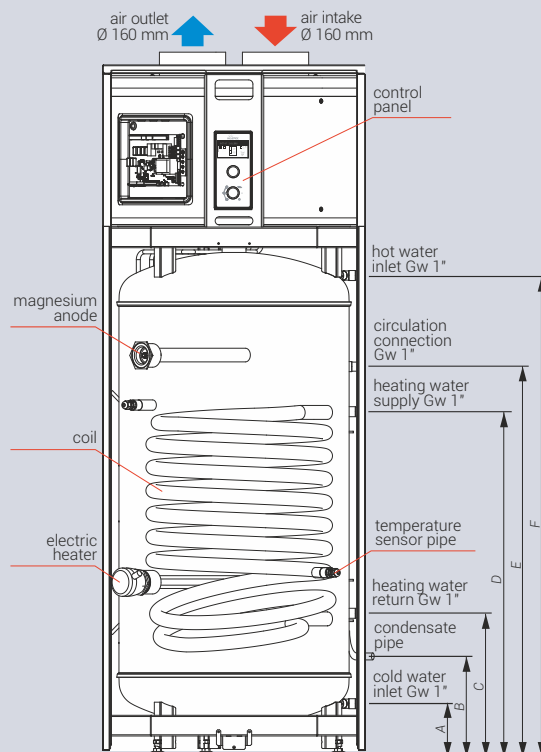
### Additional equipment

Product code	Photo	Description
C.MI2		The C.MI2 internet module enables remote control of pump operation via the internet using a computer, tablet, or smartphone. Control is facilitated through a dedicated application (Android/iOS) or a web browser, ensuring easy and intuitive operation while leveraging all advanced features of the device controller.

### Dimensions

Control water temperature	°C	30-60 /70*
Minimum air temperature	°C	5
Air flow	m³/h	300
Rated pressure (cylinder/coil)	MPa	0,6/1,0
Max. length of air pipes (inlet + outlet, with diameter DN 160)	m	10
Level of acoustic pressure (noise)	[dB]	49
Level of acoustic power	[dB]	59

\* by thermal disinfection



	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	dimensions (HxWxD)
HPSW2-250	125,8	229,3	332,5	831,5	932,5	1160	1669x627x670

### Technical data

Product code	Rated power pump/pump + immersion heater (kW)	COP coefficient (in acc with PN-EN 16147)	Max. power consumption pump/pump + immersion heater (kW)	Anode type	Capacity of hot water tank (l)	coil's heating surface area (m²)
HPSW2-250	1,6 / 3,6	4,06 (A20/W15-45) 3,63 (A20/W10-55) 3,60 (A15/W15-45) 3,22 (A15/W10-55)	0,6 / 2,6	AMW.M8.450	250	1,2







# Electric boilers

Did you know that electric heating is becoming increasingly popular? Modern technology, efficiency and maintenance-free operation make electric boilers an excellent alternative to other types of appliances.

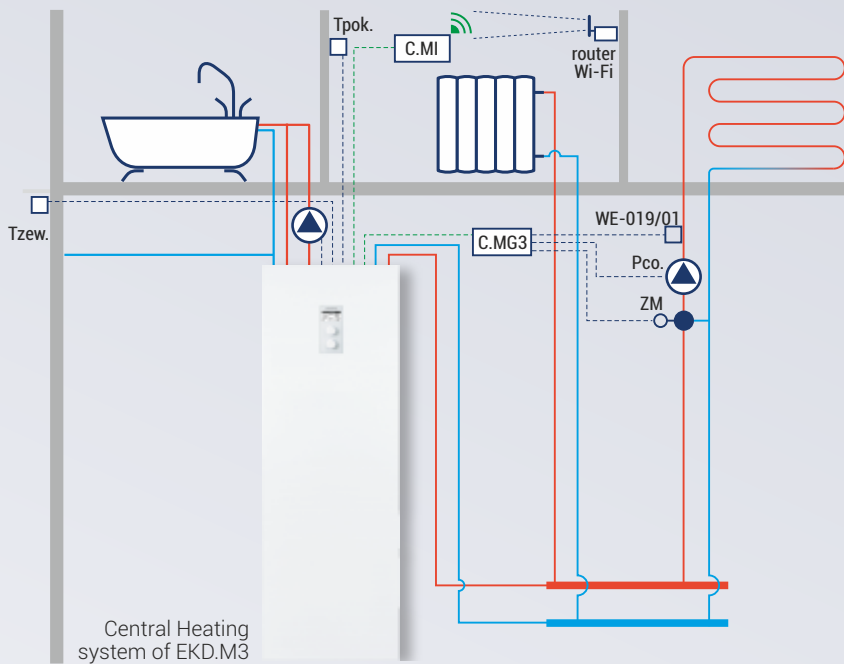
Furthermore, if you use renewable energy sources in the form of solar panels, your home can be heated in an economical way.





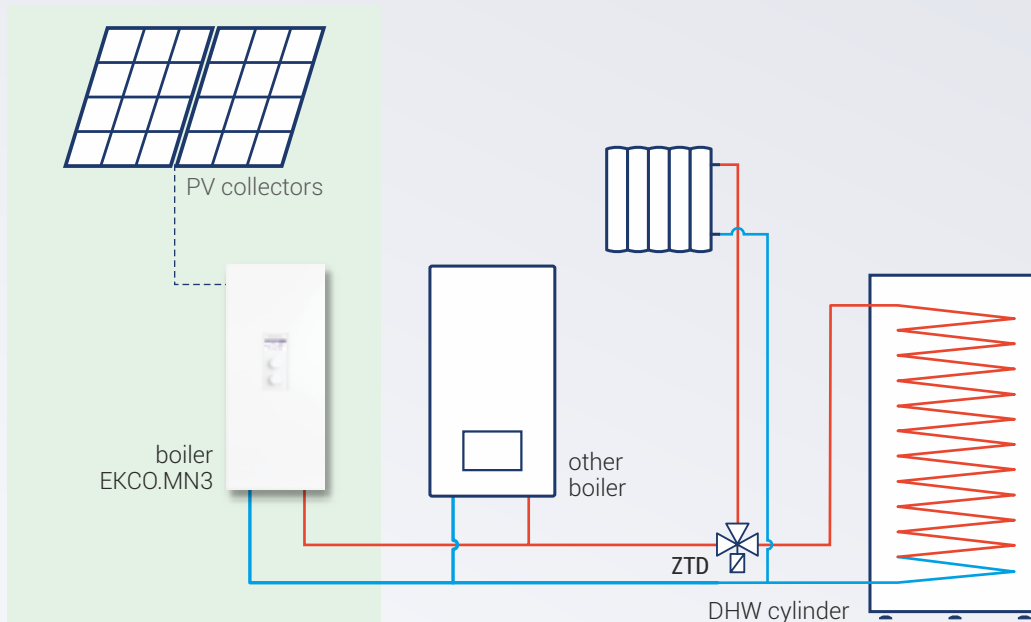


## Modern electric heating



The diagram shows EKD.M3 in Central Heating system. The boiler also controls the circulation pump.

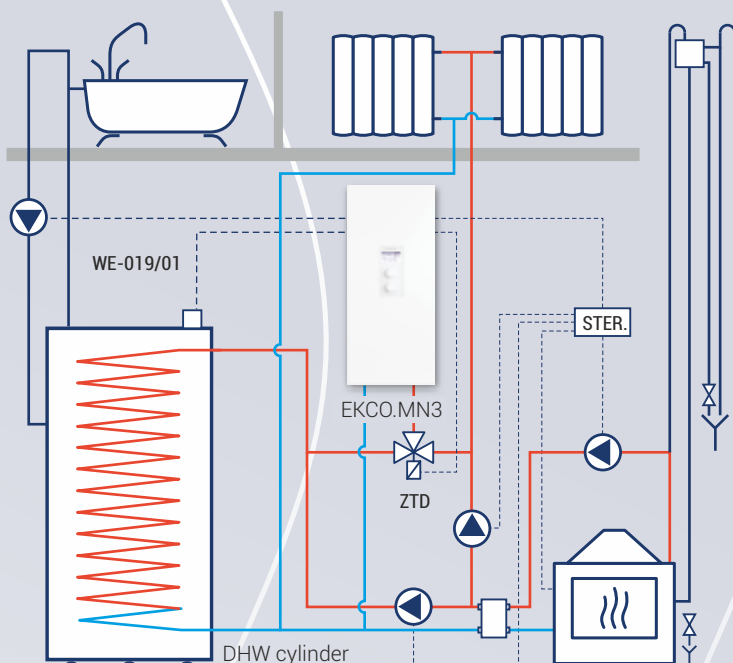
## Free energy from PV installation



Electric boiler is a device which can be used for central heating system. Electric boiler in connection to PV installation ensures using free energy.



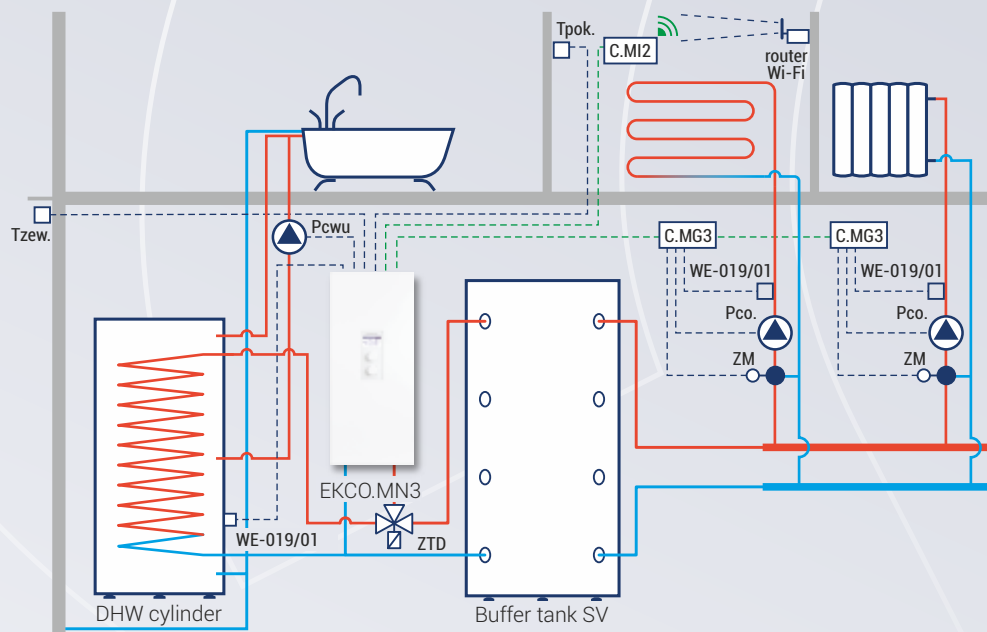
### Higher heating comfort



Electric boiler may co-operate parallelly with other gas boiler or oil boiler as an alternative heat source. Such installation is very useful in emergency situations or during the off-peak energy tariff.

Graph shows the co-operation of electric boiler with water jacket fireplace or with solid fuel boiler. Such compilation ensures

### Accumulation of cheap energy



The implementation of an electric boiler with a heat accumulation buffer provides comfortable and cost-effective heating while maintaining relatively low investment costs.

With the right choice of boiler power and buffer capacity, the system can potentially meet up to 100% of heating needs, using cheaper energy available during off-peak hours.

The presented drawings illustrate general schematic overviews. The installation of central heating, tailored to individual needs, should be entrusted to a specialized company.



## EKCO.MN3 EKCO.M3



### Most important advantages

Optimal Utilization of PV Installation Energy

- Charging of the hot water tank or central heating buffer outside of schedule with limited power
- Energy meter and excessive consumption prevention
- Weather-based controller with automatic response to outdoor temperature changes ensures the most energy-efficient operation
- Ability to program room temperatures on daily and weekly cycles
- Option to regulate water temperature in the domestic hot water tank and activate the circulation pump according to set daily and weekly programs

Versatility and Efficiency

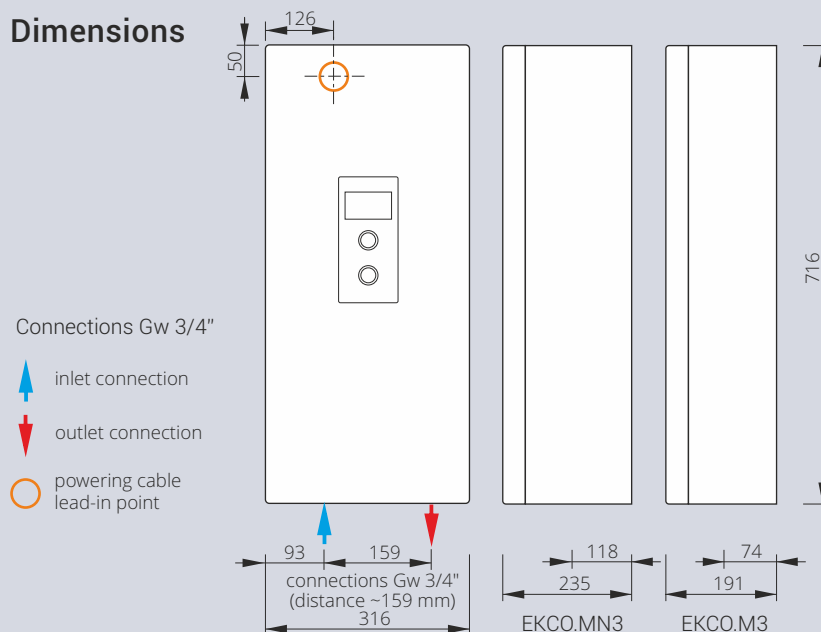
- Compatible with any central heating system and domestic hot water exchanger
- Circulation pump, 5-liter diaphragm expansion vessel (EKCO.MN3), and necessary safety equipment included
- Low heating costs thanks to heat accumulation during cheap energy tariffs - cooperation with central heating buffer when using appropriate modules (see additional equipment)

Advanced Features

- Outdoor weather sensor and indoor room sensor included
- Possibility to expand the system with additional heating circuits (C.MG3 modules)
- Cascading capability for multiple units
- Remote operation via internet using a dedicated application (with additional C.MI2 module)

### Weather-Compensated Boilers Designed for Integration with Photovoltaic Systems

### Dimensions



### Additional equipment

Product code	Photo	Description
C.MI2		The C.MI2 internet module enables remote control of boiler operation via the internet using a computer, tablet, or smartphone. Control is facilitated through a dedicated application (Android/iOS) or a web browser, ensuring easy and intuitive operation while leveraging all advanced features of the M3 controller.
C.MG3		The C.MG3 module, when connected to a central heating boiler and a 3-way mixing valve with an actuator, allows for the control of an additional heating circuit (e.g., underfloor heating or the discharge of a central heating buffer). The system can manage up to 24 heating circuits (24 C.MG3 modules). A WE-019/01 temperature sensor is included in the set.
CZUJNIK WE-019/01		Temperature sensor in DHW cylinder
ZAWÓR.KOT.VC6013		Three-way valve - 3/4" for the co-operation with DHW cylinder

### Technical data

Product code	Rated power	Rated voltage	Rated electrical energy demand (A)	Minimal wires cross-section (mm <sup>2</sup> )
EKCO.MN3 - 04/06/08	2/4/6/8 kW	230V~	8,7/17,4/26,1/34,8	3 x 2,5/2,5/4/6
EKCO.M3 - 04/06/08	4/6/8 kW	400V 3N~	5,8/8,7/11,6	5 x 2,5/2,5/2,5
EKCO.MN3 - 12/16/20/24 EKCO.M3 - 12/16/20/24	12/16/20/24 kW	400V 3N~	3 x 17,4/23,1/28,8/34,6	5 x 2,5/4/4/6

\* Detailed warranty conditions are described in the warranty card



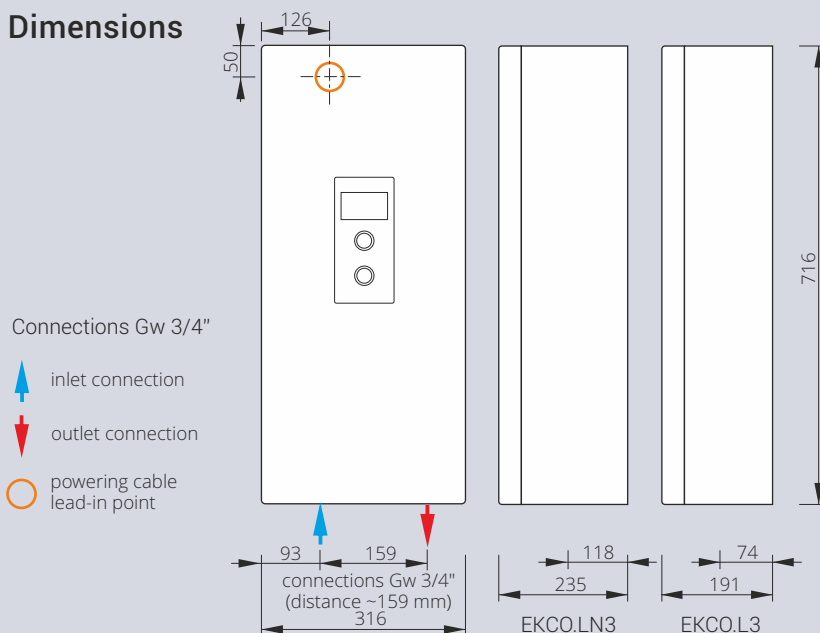
## EKCO.LN3 EKCO.L3



### Most important advantages

- Automatic modulation of heater power depending on the current heat demand in heated rooms
- Regulation of water temperature in the central heating system within the range of 20-85°C
- Circulation pump, 5-liter expansion vessel (EKCO.LN3), and necessary safety fittings
- Compatibility with any central heating system and domestic hot water exchanger
- Ability to regulate the water temperature in the domestic hot water tank and activate the circulation pump according to set daily and weekly programs

### Dimensions



### Boilers in basic configuration.

### Additional equipment

Product code	Photo	Description
CZUJNIK WE-019/01		Temperature sensor in DHW cylinder
ZAWÓR.KOT.VC6013		Three-way valve - 3/4" for the co-operation with DHW cylinder

To ensure energy-efficient operation, it is highly recommended to implement an additional room temperature controller.

### Technical data

Product code	Rated power	Rated voltage	Rated electrical energy demand (A)	Minimal wires cross-section (mm <sup>2</sup> )
EKCO.LN3 - 04/06/08	2/4/6/8 kW	230V~	8,7/17,4/26,1/34,8	3 x 2,5/2,5/4/6
EKCO.L3 - 04/06/08	4/6/8 kW	400V 3N~	5,8/8,7/11,6	5 x 2,5/2,5/2,5
EKCO.LN3 - 12/16/20/24	12/16/20/24 kW	400V 3N~	3 x 17,4/23,1/28,8/34,6	5 x 2,5/4/4/6
EKCO.L3 - 12/16/20/24				

\* Detailed warranty conditions are described in the warranty card



## EKD.M3

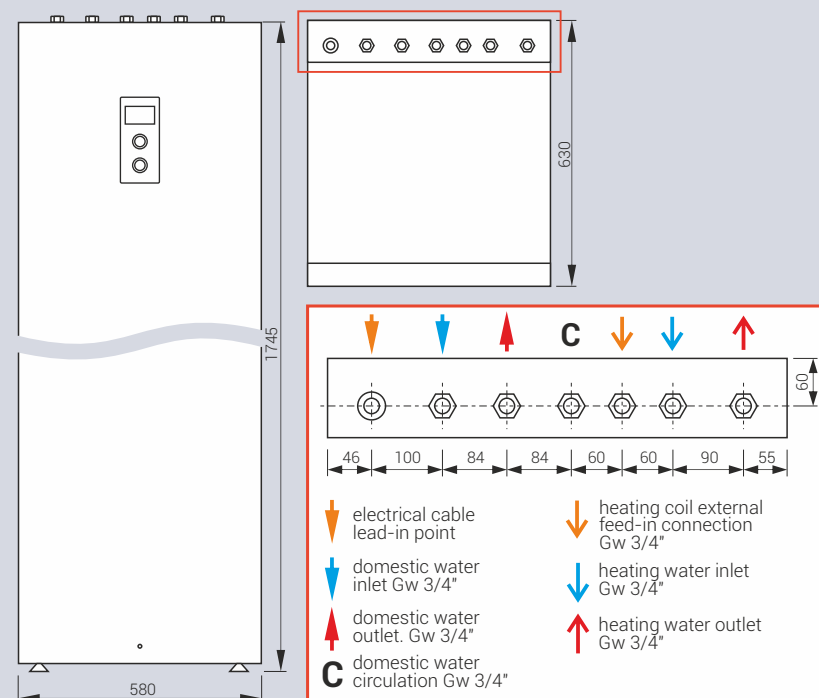


**Bi-functional boiler with built in weather compensation and domestic hot water storage tank.**

### Most important advantages

- The entire boiler room integrated in one housing contains electric boiler with weather control, hot water tank with capacity 130l, expansion vessels and other necessary fittings
- It does not take much space, modern compact design easy to assemble
- Weather compensation ensures automatic boiler respond to the changes of outside temperature. This allows for maintenance-free and energy efficient boiler operation
- The boiler control allows you to program the running time and the water temperature in the tank according to your individual needs, which ensures the most economical use of the appliance
- The possibility to set daily and weekly temperature
- The possibility to set temperature in domestic hot water storage tank and turn on the circulation pump

### Dimensions



### Additional equipment

Product code	Photo	Description
C.MI		The C.MI Internet Module enables remote control of boiler operations via the internet using a computer, tablet, or smartphone. Control is facilitated through a web browser, ensuring easy and intuitive operation while utilizing all advanced features of the M3 controller. This innovative solution offers users the flexibility to manage their heating system from anywhere, at any time, enhancing both convenience and energy efficiency.
C.MG3		The C.MG3 Module, when connected to the C.MI module and a 3-way mixing valve with an actuator, enables the control of an additional heating circuit (e.g., underfloor heating or central heating buffer discharge). The system can manage up to 24 heating circuits (24 C.MG3 modules). The package includes a WE 019/01 temperature sensor.

\* Detailed warranty conditions are described in the warranty card

### Technical data

Product code	Rated power / Rated current		Rated electrical energy demand (A)	Minimal wires cross-section (mm <sup>2</sup> )	Domestic water exchanger heating time Δt 40°C (min.)	Anode type
EKD.M3 - 04/06/08	2/4/6/8 kW	230V~	8,7/17,4/26,1/34,8	3 x 2,5/2,5/4/6	208/107/72/54	AMW.660
	4/6/8 kW	400V 3N~	5,8/8,7/11,6	5 x 2,5/2,5/2,5		
EKD.M3 - 12/16/20/24	12/16/20/24 kW	400V 3N~	3 x 17,4/23,1/28,8/34,6	5 x 2,5/4/4/6	36/29/24/18	AMW.660

\* Detailed warranty conditions are described in the warranty card



## EKCO.T EKCO.TM

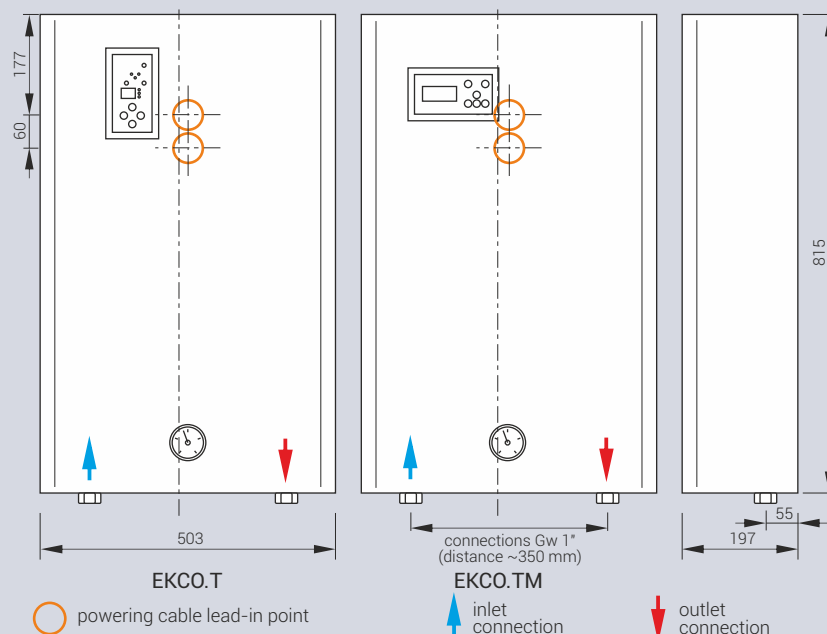


### Most important advantages

- EKCO.T model - high power boiler, intended for central heating system and hot water cylinders
- EKCO.TM model - high power boiler with weather compensation can work on one or two central heating systems and also with hot water cylinder
- Can co-operate with other boilers in cascade connection (EKCO.TM as a master boiler, EKCO.T as a slave boiler)
- Temperature range available: from 40°C to 85°C
- High power boilers are equipped with two heating elements to extend the lifespan of the unit
- EKCO.T boilers should be additionally equipped with room thermostat regulators, which ensure cost-efficient and user friendly operation
- Water temperature in cylinder can be set on the front panel if the WE-008 temperature sensor is applied

High power boilers.

### Dimensions



### Additional equipment

Product code	Photo	Description
CZUJNIK WE-008		temperature sensor for EKCO.T and EKCO.TM ( to measure temperature in cylinder)

### Technical data

EKCO.T - high power boilers in basic configuration

Product code	Rated power/Rated voltage	Rated electrical energy demand (A)	Minimal wires cross-section (mm <sup>2</sup> )
EKCO.T-30	30kW /400V 3N~	3x43,3	5x10
EKCO.T-36	36kW /400V 3N~	3x52	5x10
EKCO.T-42	42kW /400V 3N~	3x60,6	5x10
EKCO.T-48	48/kW /400V 3N~	3x69,3	5x16

Please, note! EKCO.T boilers must be additionally equipped with temperature sensor, and in case of co-operation with water cylinder with three-way valve and temperature sensor WE-008.

EKCO.TM - high power boilers with weather compensation

Product code	Rated power/Rated voltage	Rated electrical energy demand (A)	Minimal wires cross-section (mm <sup>2</sup> )
EKCO.TM-30	30kW /400V 3N~	3x43,3	5x10
EKCO.TM-36	36kW /400V 3N~	3x52	5x10
EKCO.TM-42	42kW /400V 3N~	3x60,6	5x10
EKCO.TM-48	48/kW /400V 3N~	3x69,3	5x16

Please, note! In case of co-operation with water cylinder EKCO.TM boilers must be additionally equipppd with valve and temperature sensor WE-008.

\* Detailed warranty conditions are described in the warranty card



## EKHP



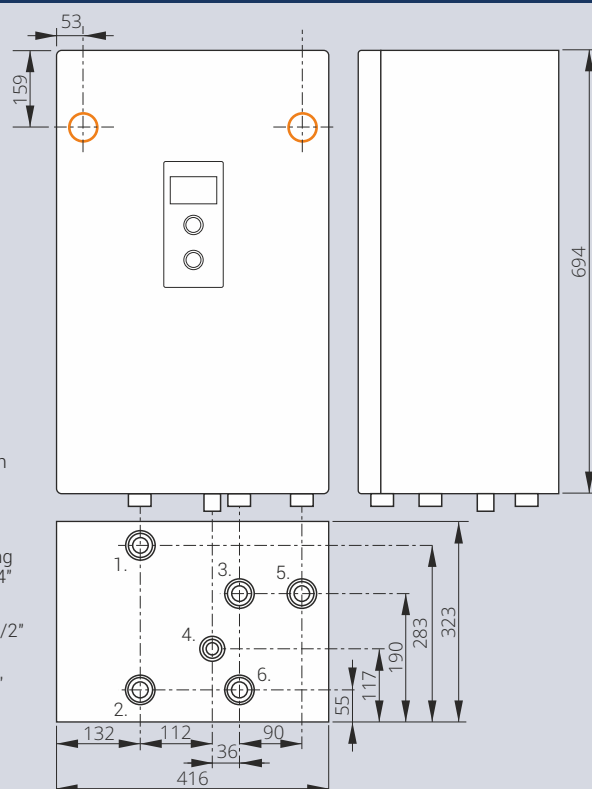
### Most important advantages

- Energy-efficient operation and low operating costs due to the ability to work with a heat pump
- Regulation of water temperature in the hot water tank and activation of the circulation pump according to set daily and weekly programs
- Compatible with hot water exchanger – built-in three-way diverter valve
- Control of the heating system operation of the electric boiler with a heat pump
- Circulation pump, 12-liter expansion vessel, and necessary safety fittings
- Weather controller with automatic response to external temperature changes ensures the most energy-efficient operation
- Ability to program room temperature on a daily and weekly cycle
- Hot water safety through the thermal disinfection function of the hot water tank – protection against Legionella bacteria

### Dimensions

○ location for introducing the electrical connection cable

1. outlet to heat pump 5/4"
2. return from central heating /hot water installation 5/4"
3. central heating supply
4. outlet from safety valve 1/2"
5. hot water supply
6. inlet from heat pump 5/4"



### Boiler for cooperation with heat pump HPMO-6

### Additional equipment

Product code	Photo	Description
HPMO-6		Inverter monoblock heat pump with EVI injection system
C.MI2		Internet module for remote control via app (Android/iOS) or browser
HPFF		Vibration isolation stand for heat pump (2 pieces included)
WE-019/01		Temperature sensor for tank/buffer
WE-019/05		Temperature sensor for heating circuit

### Technical Data

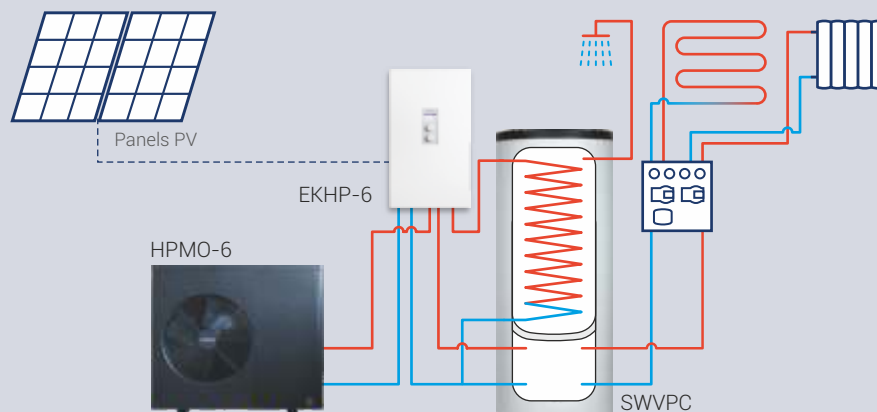
Product code	Power	Power supply	Nominal current of the switch (A)	Minimum wire cross-section (mm <sup>2</sup> )
EKHP-6	6 kW	230V~	32 / 50**	3 x 6
		400V 3N~	16 / 20**	5 x 2,5
Product code	Maximum heating power	Maximum COP	Efficiency class	Acoustic level
HPMO-6	9,1 (A+7/W35)	4,1 (A+7/W35)	A+	58 dB at 1 m. / 66 dB power
	8,1 (A+2/W35)	3,2 (A+2/W35)		
	5,5 (A-7/W35)	2,4 (A-7/W35)		

\* Detailed warranty conditions are described in the warranty card

\*\* Rated current of circuit breaker: boiler / boiler with heat pump.



### Illustrative installation diagram of the **EKHP** boiler with **HPMO-6** heat pump



### Energy consumption comparison:



Standalone  
**EKHP-6** boiler



**EKHP-6** boiler combined  
with **HPMO-6** heat pump



## EKP.LN2M



### Most important advantages

#### Central Heating

Electric boiler with weather compensation

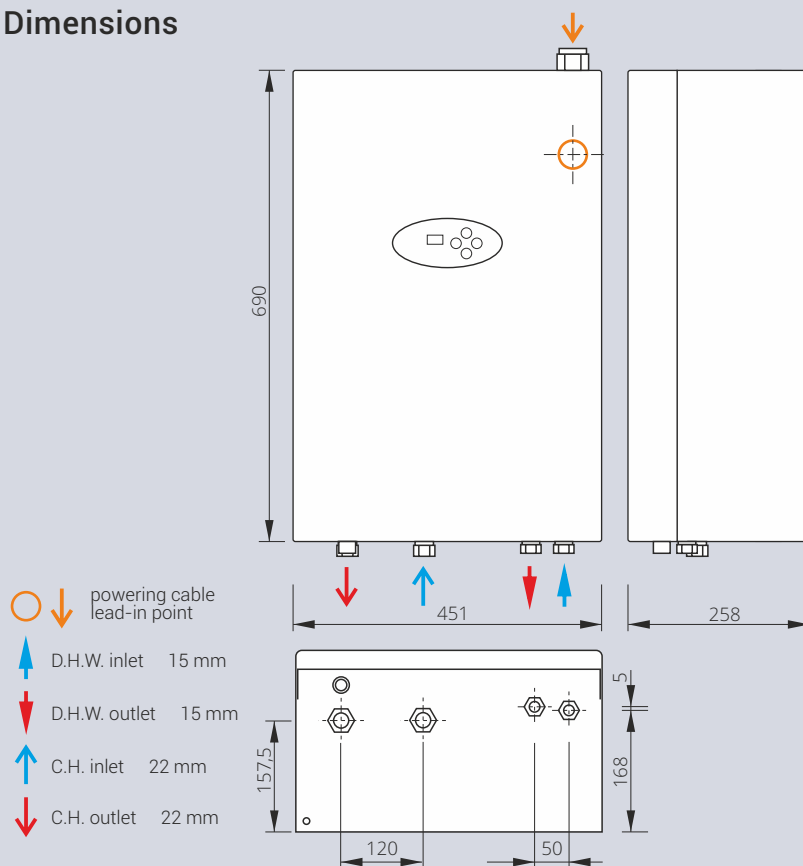
- Automatic modulation of the heater power depending on the temporary heat demand in heated rooms
- Electronic control panel
- Water temperature control in the central heating circuit in the range of 20-85°C
- Cooperation with any central heating installation
- Efficient circulation pump
- Expansion vessel with a capacity of 6 L
- Possibility to connect power and signal cables from the top and rear of the device
- Outside temperature sensor

#### D.H.W.

- Electronic control ensures precise temperature regulation
- Possibility to set the temperature in the range of 30-60°C with an accuracy of 1°C
- While providing D.H.W - energy class A
- Preview of inlet and outlet water temperature, flow rate and currently selected power
- Possibility to reheat pre-heated water - supply water temperature max. up to 60°C

Combi boiler for central heating and domestic hot water

### Dimensions



### Technical data

Product code	Rated power	Rated voltage	Pressure C.H./D.H.W. (Mpa)	Rated electrical energy demand (A)	Minimal wires cross-section (mm <sup>2</sup> )	Efficiency D 30°C (l/min.)
EKPLN2M-11	11 kW	230V~	0,05-0,3 / 0,1-1,0	52,2	3 x 16	5,3
EKPLN2M-13	13,2 kW	230V~	0,05-0,3 / 0,1-1,0	57,5	3 x 16	6,3
EKPLN2M-18	18 kW	400V 3~	0,05-0,3 / 0,1-1,0	3 x 26,3	5 x 4	8,7
EKPLN2M-24	24 kW	400V 3~	0,05-0,3 / 0,1-1,0	3 x 34,6	5 x 6	11,6

\* Detailed warranty conditions are described in the warranty card







# DHW cylinders and buffer tanks

KOSPEL DHW cylinders are characterised by high quality, durability and innovative solutions which are the result of many years of experience in the production of DHW cylinders and buffer tanks.

They are manufactured from top quality selected materials.



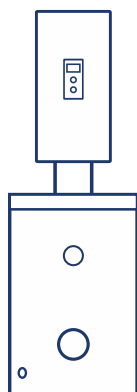




## SWK



**Cylinders with a single heating coil, all connections at the top side only. Dedicated for installation under wall-hanged central heating boiler.**



### Additional equipment

Following immersion heaters can be installed in all models:

GRW-1,4kW/230V; GRW-2,0kW/230V;  
GRW-3,0kW/230V; GRW-4,5kW/400V.

## Most important advantages

### Energy efficiency class A

SWK A cylinder ensures highest thermal insulation class

- heat losses are reduced up to 50%! Comparing to efficiency class C it saves up to 320 kWh annually

### High thermal insulation and esthetics

- a class 65 mm insulation, made of polyurethane foam
- esthetic design and resistance to mechanical damage as cylinder's casing is made out of solid ABS material

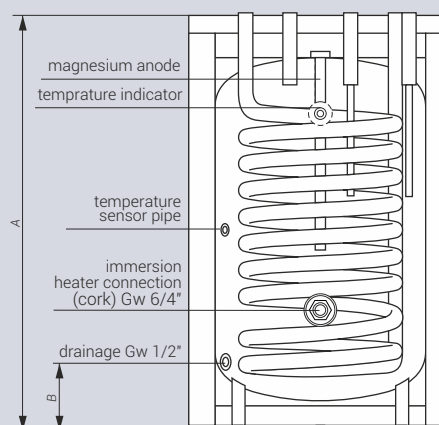
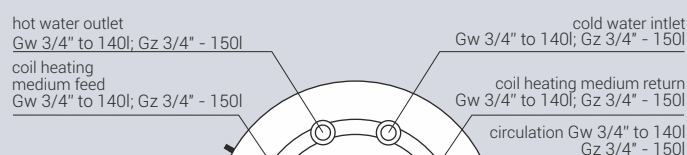
### Advanced production technology

- automation provides full repeatability of the process and high precision
- evenly applied layer of enamel with optimal thickness creates the highest quality protection against corrosion

### Unbeatable quality

- products are made of the steel grades selected by our verified suppliers
- each device undergoes leakage tests and coating checks quality control

## Dimensions



	Diameter (mm)	A (mm)	B (mm)
SWK-100.A	595	906	127
SWK-120.A	595	1018	127
SWK-140.A	595	1140	127
SWK-150.A	690	940	130

## Technical data

Product code	Nominal / storage capacity (l)	Surface area of coil (m <sup>2</sup> )	Rated pressure (storage / coil) (MPa)	Power of coil ** (kW)	Thickness / material / type of insulation *** (mm)	Stand-by-losses **** (W)	Anode type
SWK-100.A	100 / 97	0,82	0,6 / 1,0 MPa	25	65 / PUR / NR	33	AMW.M8.450
SWK-120.A	120 / 111	1,0	0,6 / 1,0 MPa	30	65 / PUR / NR	36	AMW.M8.450
SWK-140.A	140 / 134	1,1	0,6 / 1,0 MPa	32	65 / PUR / NR	38	AMW.M8.450
SWK-150.A	150 / 150	1,14	0,6 / 1,0 MPa	33	70 / PUR / NR	39	AMW.M8.450

\* Detailed warranty conditions are described in the warranty card

\*\* Following parameters 80/10/45°C – (heating water temp./ feed water temp./domestic water temp.), flow rate of heating water through the coil 2,5 m<sup>3</sup>/h.

\*\*\* Insulation: R- removable, NR- not removable.

\*\*\*\* In line with EU Commission resolution no. 812/2013, 814/2013.



## SW



100-300  
litres



Other  
capacities



**Cylinders with heating coil,  
perfect to co-operate with  
central heating boiler**

### Additional equipment

Electric heaters 1.4kW/230V and 2.0kW/230V available in all capacities with a 6/4" socket or GRW2 flange, 3.0 kW/230V starting from 200 liters with a 6/4" socket or GRW2 flange, 4.5 kW/400V, 6.0 kW/400V from 250 liters with a GRW2 flange.

Flange GRW2 - cap for flange with socket for heater (from 250 liters) - max. heater power 6.0 kW.

## Most important advantages

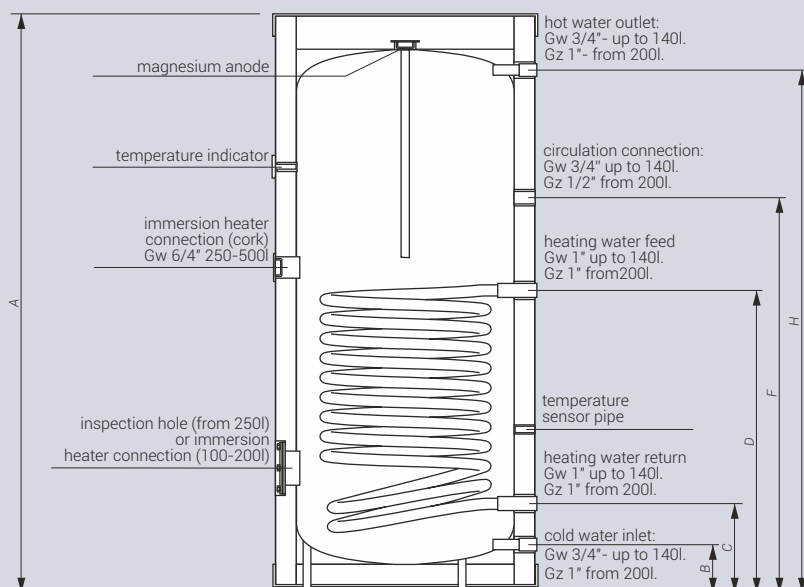
### Advanced production technology

- automation provides full repeatability of the process and high precision
- evenly applied layer of enamel with optimal thickness creates the highest quality protection against corrosion

### Unbeatable quality

- products are made of the steel grades selected by our verified suppliers
- each device undergoes leakage tests and coating checks quality control

## Dimensions



	Diameter (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)
SW-100	500	1200	112	240	753	-	851	-	1065
SW-120	500	1365	112	240	851	-	916	-	1235
SW-140	500	1435	112	240	851	-	1065	-	1305
SW-201	595	1475	86	249	765	-	969	-	1392
SW-251	688	1313	86	248	678	-	934	-	1230
SW-301	688	1523	86	248	807	-	1158	-	1440
SW-401	789	1459	86	265	824	-	1085	-	1375
SW-501	789	1758	86	265	953	-	1365	-	1674

## Technical data

Product code	Nominal / storage capacity (l)	Surface area of coil (m <sup>2</sup> )	Rated pressure (storage / coil) (MPa)	Power of coil ** (kW)	Thickness / material / type of insulation *** (mm)	Stand-by-losses **** (W)	Anode type
SW-100	100 / 105	0,8	0,6 / 1,0	24	53 / PUR / NR	39	AMW.660
SW-120	120 / 124	1,0	0,6 / 1,0	30	53 / PUR / NR	43	AMW.800
SW-140	140 / 134	1,0	0,6 / 1,0	30	53 / PUR / NR	47	AMW.800
SW-201	200 / 199	1,08	1,0 / 1,0	32	67 / PUR / NR	59	AMW.M8.450
SW-251	250 / 254	1,11	1,0 / 1,0	33	67 / PUR / NR	64	AMW.M8.450
SW-301	300 / 300	1,43	1,0 / 1,0	42	67 / PUR / NR	67	AMW.M8.400
SW-401	400 / 393	1,61	1,0 / 1,0	48	67 / PUR / NR	74	AMW.M8.500
SW-501	500 / 492	2,13	1,0 / 1,0	63	67 / PUR / NR	79	AMW.M8.590

\* Detailed warranty conditions are described in the warranty card

\*\* Following parameters 80/10/45°C – (heating water temp./ feed water temp./domestic water temp.), flow rate of heating water through the coil 2,5 m<sup>3</sup>/h.

\*\*\* Insulation: R- removable, NR- not removable.

\*\*\*\* In line with EU Commission resolution no. 812/2013, 814/2013.



## SB



**Cylinders with double heating coil, perfect to co-operate with central heating boiler and solar collectors**

### Additional equipment

Electric heaters: 1.4 kW/230V; 2.0 kW/230V; 3.0 kW/230V available in all capacities with a 6/4" socket or GRW2 flange, 4.5 kW/400V or 6.0 kW/400V from 250 liters with a GRW2 flange.

Flange GRW2 - cap for flange with socket for heater (from 250 liters) - max. heater power 6.0 kW.

### Most important advantages

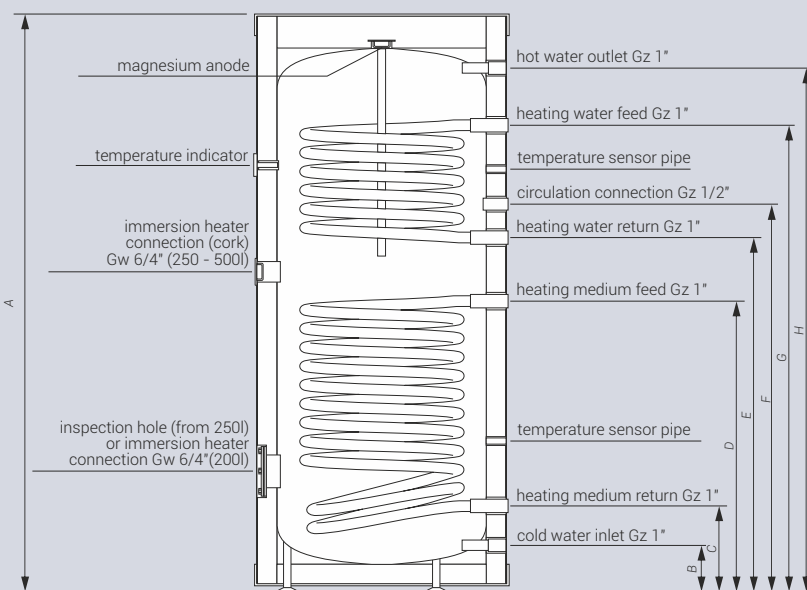
#### Advanced production technology

- automation provides full repeatability of the process and high precision
- evenly applied layer of enamel with optimal thickness creates the highest quality protection against corrosion

#### Unbeatable quality

- products are made of the steel grades selected by our verified suppliers
- each device undergoes leakage tests and coating checks quality control

### Dimensions



	Diameter (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)
SB-201	595	1475	86	249	765	885	969	1229	1392
SB-251	688	1313	86	248	678	810	934	1068	1230
SB-301	688	1523	86	248	807	934	1158	1278	1440
SB-401	789	1459	86	265	824	894	1085	1195	1375
SB-501	789	1758	86	265	953	1194	1365	1495	1674

### Technical data

Product code	Nominal / storage capacity (l)	Surface area of coil (m <sup>2</sup> )	Rated pressure (storage / coil) (MPa)	Power of coil ** (kW)	Thickness / material / type of insulation *** (mm)	Stand-by-losses **** (W)	Anode type
SB-201	200 / 198	1,08 / 0,72	1,0 / 1,0	32 / 21	67/ PUR / NR	59	AMW.M8.400
SB-251	250 / 251	1,11 / 0,66	1,0 / 1,0	33 / 19,5	67/ PUR / NR	64	AMW.M8.400
SB-301	300 / 298	1,43 / 0,83	1,0 / 1,0	42 / 24	67/ PUR / NR	67	AMW.M8.500
SB-401	400 / 392	1,61 / 0,94	1,0 / 1,0	48 / 28	67/ PUR / NR	74	AMW.M8.590
SB-501	500 / 488	2,13 / 0,94	1,0 / 1,0	63 / 28	67/ PUR / NR	79	AMW.M8.650

\* Detailed warranty conditions are described in the warranty card

\*\* Following parameters 80/10/45°C – (heating water temp./ feed water temp./domestic water temp.), flow rate of heating water through the coil 2,5 m<sup>3</sup>/h.

\*\*\* Insulation: R- removable, NR- not removable.

\*\*\*\* In line with EU Commission resolution no. 812/2013, 814/2013.



## SE



140-300  
litres



Other  
capacities



**Vertical hot water cylinders perfect to store domestic hot water**

### Additional equipment

Immersion heaters can be installed in the cylinder:  
GRW-1,4kW/230V; GRW-2,0kW/230V;  
GRW-3,0kW/230V; GRW-4,5kW/400V;  
for all capacities, and GRW-6,0kW/400V  
in capacities from 250l.

Flansa.GRW - flange plug with the connection  
for immersion heater (from 250 l.),  
max. rated power - 6,0kW

### Most important advantages

#### Advanced production technology

- automation provides full repeatability of the process and high precision
- evenly applied layer of enamel with optimal thickness creates the highest quality protection against corrosion

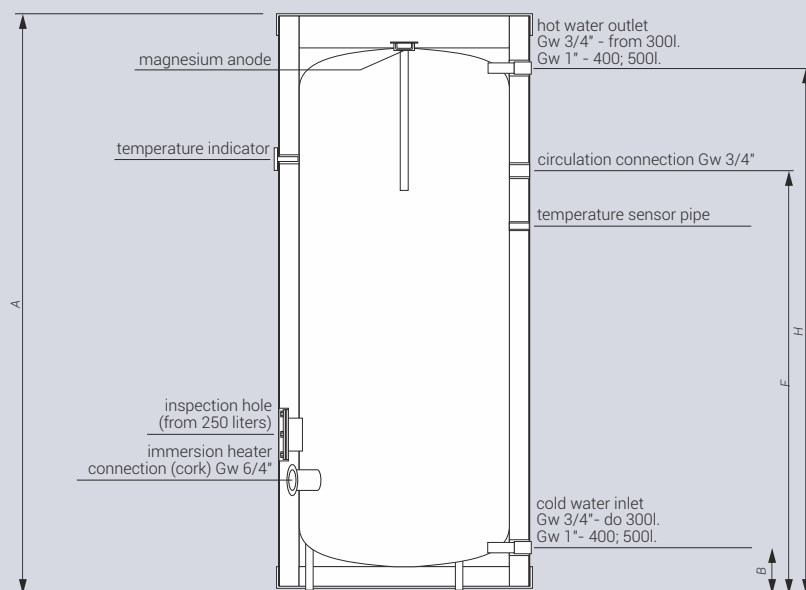
#### Unbeatable quality

- products are made of the steel grades selected by our verified suppliers
- each device undergoes leakage tests and coating checks quality control

#### High quality thermal insulation and esthetic design

- effective thickness of thermal insulation minimises energy losses
- esthetic design and resistance to mechanical damage as it's made out of solid ABS material

### Dimensions



	Diameter (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
SE-140	500	1435	111	-	-	-	916	-	1301	-
SE-200	590	1610	127	-	-	-	1199	-	1464	-
SE-250.1	690	1380	127	-	-	-	943	-	1230	-
SE-300.1	690	1615	127	-	-	-	1093	-	1464	-
SE-400	755	1660	124	-	-	-	1125	-	1507	-
SE-500	854	1800	136	-	-	-	1220	-	1584	-

### Technical data

Product code	Nominal / storage capacity (l)	Rated pressure (storage / coil) (MPa)	Thickness / material / type of insulation *** (mm)	Stand-by-losses **** (W)	Anode type
SE-140	140 / 140	0,6	53 / PUR / NR	47	AMW.400
SE-200	200 / 210	0,6	65 / PUR / NR	59	AMW.M8.450
SE-250.1	250 / 261	0,6	68 / PUR / NR	51	AMW.M8.450
SE-300.1	300 / 314	0,6	68 / PUR / NR	56	AMW.M8.450
SE-400	400 / 380	0,6	72 / EPS / R	98	AMW.M8.450
SE-500	500 / 485	0,6	100 / EPS / R	83	AMW.M8.400

\* Detailed warranty conditions are described in the warranty card

\*\* Insulation: R- removable, NR- not removable.

\*\*\* In line with EU Commission resolution no. 812/2013, 814/2013.



## SWP



**Cylinders with a very big heating coil, perfect for co-operation with the heat pump**

### Additional equipment

Immersion heaters: GRW-1,4kW/230V;  
GRW-2,0kW/230V; GRW-3,0kW/230V;  
(SWP-201, SWP-301, SWP-501);  
GRW-4,5kW/400V; GRW-6,0kW/400V,  
only in inspection hole (SWP-301, SWP-501)

### Most important advantages

#### Large coil area

- heating coil with a large area
  - 2,05 m<sup>2</sup> - SWP-201
  - 2,63 m<sup>2</sup> - SWP-301
  - 3,71 m<sup>2</sup> - SWP-501
- heat pump compatible

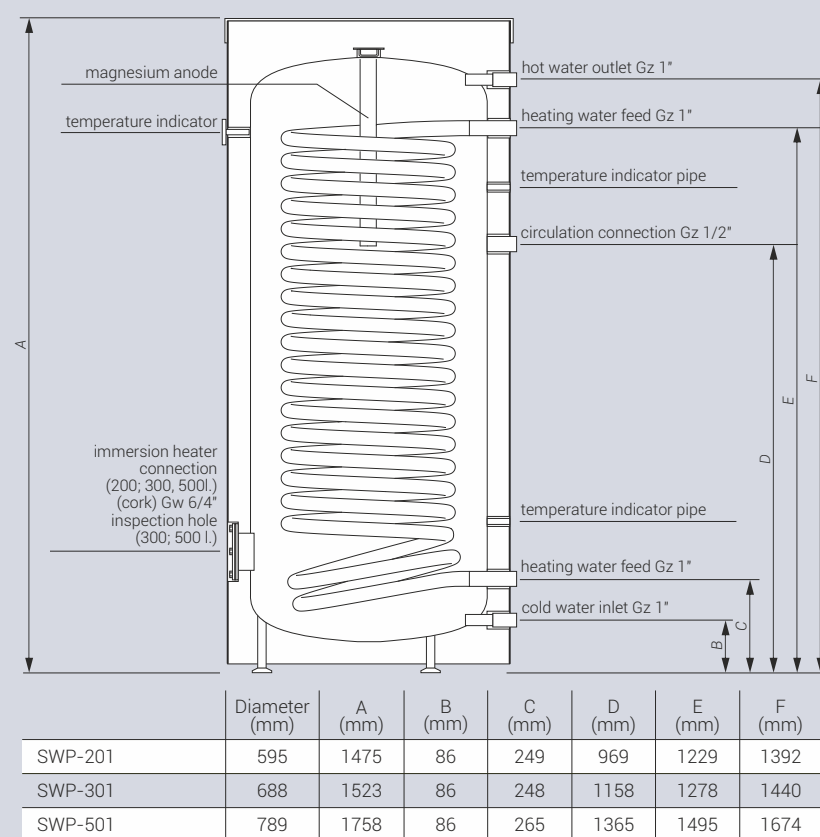
#### Advanced production technology

- automation provides full repeatability of the process and high precision
- evenly applied layer of enamel with optimal thickness creates the highest quality protection

#### Unbeatable quality

- products are made of the steel grades selected by our verified suppliers
- each device (100%) undergoes leakage tests and coating checks quality control

### Dimensions



### Technical data

Product code	Nominal / storage capacity (l)	Surface area of coil (m <sup>2</sup> )	Rated pressure (storage / coil) (MPa)	Power of coil ** (kW)	Thickness / material / type of insulation *** (mm)	Stand-by-losses (W) ****	Anode type
SWP-201	200 / 197	2,05	1,0 / 1,0	60 / 18	67 / PUR / NR	59	AMW.M8.400
SWP-301	300 / 298	2,63	1,0 / 1,0	78 / 23	67 / PUR / NR	67	AMW.M8.500
SWP-501	500 / 486	3,71	1,0 / 1,0	110 / 33	67 / PUR / NR	79	AMW.M8.650

\* Detailed warranty conditions are described in the warranty card

\*\* Following parameters 80/10/45°C / 55/10/45°C (heating water temp./ feed water temp./domestic water temp.), flow rate of heating water through the coil 2,5 m<sup>3</sup>/h.

\*\*\* Insulation: R- removable, NR- not removable.

\*\*\*\* In line with EU Commission resolution no. 812/2013, 814/2013.



## SWPC



heat  
pump  
ready

B

8<sup>\*</sup>  
year  
warranty

Cylinders with a very big heating coil,  
perfect for co-operation with  
the heat pump

### Additional equipment

Immersion heaters: GRW-1,4kW/230V;  
GRW-2,0kW/230V; GRW-3,0kW/230V;  
GRW-4,5kW/400V

Flansa.GRW - flange plug with the connection  
for immersion heater, max. rated power - 4,5kW

### Most important advantages

#### Large coil area

- double heating coil with a surface of 4,22 m<sup>2</sup>
- heat pump compatible.

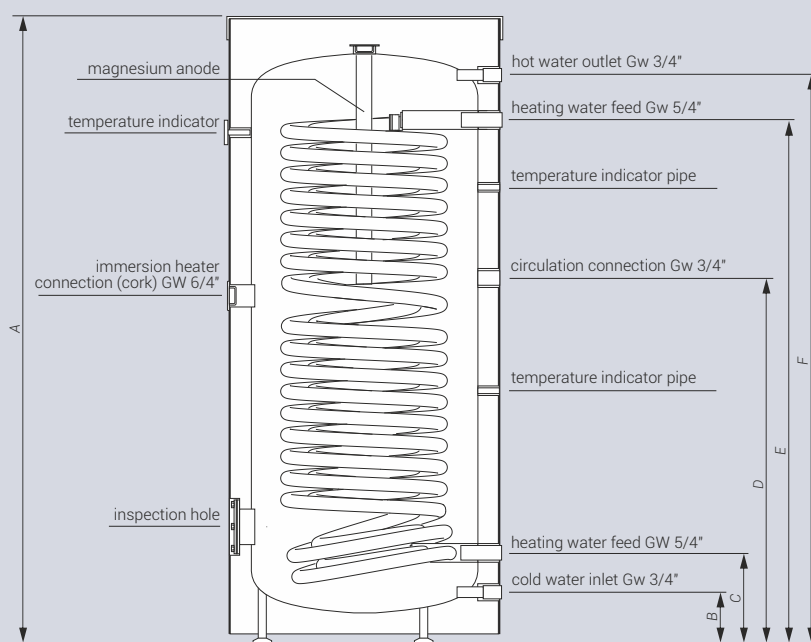
#### Advanced production technology

- automation provides full repeatability of the process
- and high precision
- evenly applied layer of enamel with optimal thickness creates the highest quality protection

#### Unbeatable quality

- products are made of the steel grades selected by our verified suppliers
- each device (100%) undergoes leakage tests and coating checks quality control

### Dimensions



	Diameter (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
SWPC-300	695	1615	127	237	953	1354	1464

### Technical data

Product code	Nominal / storage capacity (l)	Surface area of coil (m <sup>2</sup> )	Rated pressure (storage / coil) (MPa)	Power of coil ** (kW)	Thickness / material / type of insulation *** (mm)	Stand-by-losses **** (W)	Anode type
SWPC-300	300 / 305	4,22	0,6 / 1,0	120 / 36	67 / PUR / NR	61	AMW.M8.590

\* Detailed warranty conditions are described in the warranty card

\*\* Following parameters 80/10/45°C / 55/10/45°C (heating water temp./ feed water temp./domestic water temp.), flow rate of heating water through the coil 2,5 m<sup>3</sup>/h.

\*\*\* Insulation: R- removable, NR- not removable.

\*\*\*\* In line with EU Commission resolution no. 812/2013, 814/2013.



## SWVPC



heat  
pump  
ready

B

8<sup>\*</sup>  
year  
warranty

The unit combines a DHW cylinder and a CH buffer tank to support space heating and cooling. The unit has a double coil "Double Coil" with an area of 2,7 m<sup>2</sup>

### Additional equipment

Immersion heaters can be installed in the cylinder:  
GRW-1,4kW/230V; GRW-2,0kW/230V;  
GRW-3,0kW/230V; GRW-4,5kW/400V

## Most important advantages

### Double Coil

- special design - two coils connected by a manifold provide a large flow and heating surface, which guarantees the highest efficiency of the pump's operation

### Full baffle insulation

- the baffle in the central heating buffer tank prevents mixing of hot water supplying the central heating system with the cool water returning to the buffer.

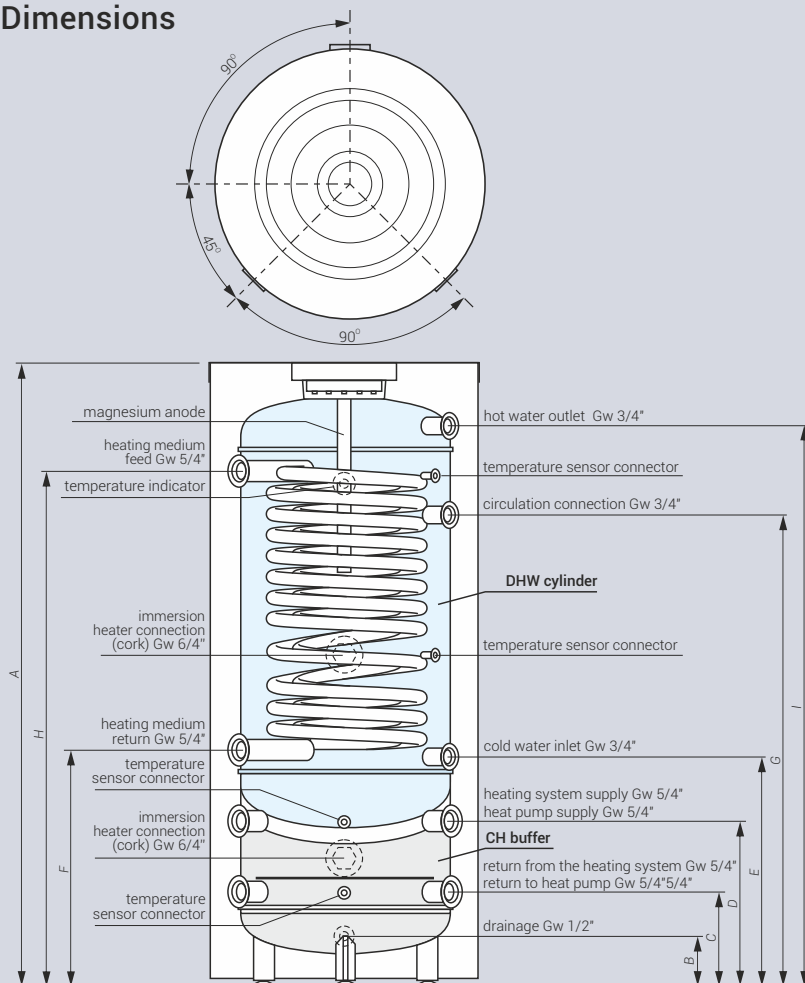
### Performance and compactness all in one

- the compact design allows for simplified installation in small or sparse positioned rooms, and the capacity provides the comfort of hot water domestic hot water even for a family of 4

### Reinforced casing

- the ABS plastic housing is durable and protects the tank from damage mechanical damage, and the material does not age during years of use

## Dimensions



	Diameter (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)
SWVPC-250/60	695	1610	127	234	384	544	563	1154	1289	1454

## Technical data

Product code	Storage capacity full / DHW / CH / c.o. (l)	Surface area of heat transfer (m <sup>2</sup> )	Rated pressure (DHW cylinder/CH buffer) (MPa)	Power of cylinder ** (kW)	Thickness/ insulation material *** (mm)	Stand-by losses **** (W)	Anode type
SWVPC-250/60	295/235/60	2,7	0,6 / 0,3	75 / 23	67/PUR/NR	56	AMW.M8.500

\* Detailed warranty conditions are described in the warranty card

\*\* Following parameters 80/10/45°C – (heating water temp./ feed water temp./domestic water temp.), flow rate of heating water through the coil 2,5 m<sup>3</sup>/h.

\*\*\* Insulation: R- removable, NR- not removable.

\*\*\*\* In line with EU Commission resolution no. 812/2013, 814/2013.



## SVK

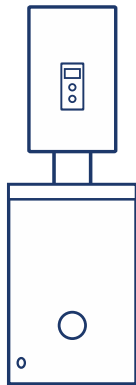


heat  
pump  
ready

A

8<sup>\*</sup>  
year  
warranty

Perfect with central heating installation eg. with co-operation with heat pump



### Additional equipment

Immersion heaters can be installed in the cylinder:  
GRW-1,4kW/230V; GRW-2,0kW/230V;  
GRW-3,0kW/230V; GRW-4,5kW/400V

### Most important advantages

#### Energy class A

SVK buffer tank ensures highest energy class.

- very high thermal insulation class reduces heat losses up to 50%!  
Comparing to efficiency class C it saves up to 320 kWh annually

#### High thermal insulation and esthetics

- a class 65 mm insulation, made of polyurethane foam
- esthetic design and resistance to mechanical damage as cylinder's casing is made out of solid ABS material

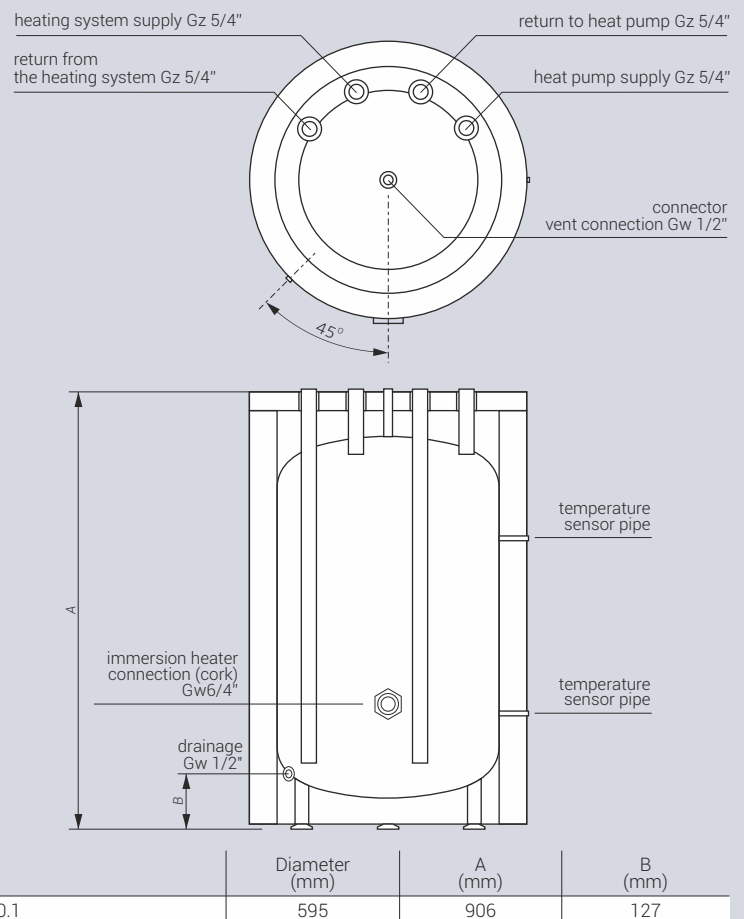
#### Unbeatable quality

- products are made of the steel grades selected by our verified suppliers
- each device undergoes leakage tests and coating checks quality control

#### Easy installation

- CH connections directed up allow for easier connection to the installation of heat pump

### Dimensions



### Technical data

Product code	Nominal / storage capacity (l)	Rated pressure (MPa)	Thickness / material / type of insulation ** (mm)	Stand-by-losses *** (W)
SVK-100.1	100 / 101	0,3	65 / PUR / NR	31

\* Detailed warranty conditions are described in the warranty card

\*\* Insulation: R- removable, NR- not removable.

\*\*\* In line with EU Commission resolution no. 812/2013, 814/2013.



# Hanging Buffer Tanks 50, 80 and 100 Liters

## SVH



A hanging heat and cold buffer designed to work with heat pumps and heating boilers, which can also function as a coupling, a hydraulic separator of the heating circuit from the boiler room.

### Additional equipment

Immersion heaters can be installed in the cylinder:

GRW-1,4kW/230V; GRW-2,0kW/230V;  
GRW-3,0kW/230V; GRW-4,5kW/400V

## Most important advantages

### Heat and Cold Buffer

- The buffer tank is intended for storing heat and/or cold in cooperation with a heat pump.

### Very Good Thermal Insulation and Aesthetic Casing

- PUR foam insulation ensuring minimal heat loss
- Aesthetic and damage-resistant ABS casing

### Easy Assembly and Installation

- Thanks to the hanger and two pairs of connection nozzles placed on opposite sides, the buffer can be installed almost anywhere in the boiler room

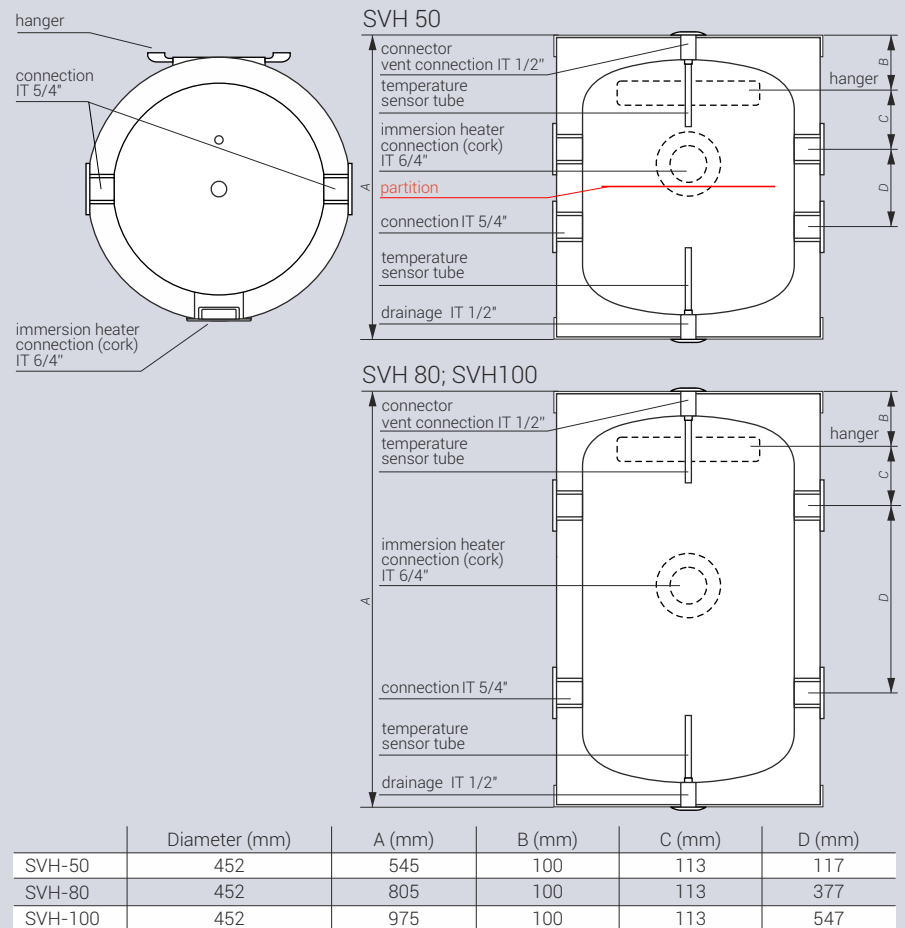
### Nozzle for Electric Heater

- Buffers are equipped with a 6/4" nozzle allowing for the placement of an electric heater

### Partition\*

- The partition prevents the mixing of hot water supplying the heating system and cold water returning from the system \*applies to 50-liter capacity

## Dimensions



## Technical data

Product code	Nominal / storage capacity (l)	Rated pressure (MPa)	Thickness / material / type of insulation ** (mm)	Stand-by-losses *** (W)
SVH-50	50 / 50	0,3 MPa	30/PUR/NR	30
SVH-80	80 / 81	0,3 MPa	30/PUR/NR	42
SVH-100	100 / 100	0,3 MPa	30/PUR/NR	46

\* Detailed warranty conditions are described in the warranty card

\*\* Insulation: R- removable, NR- not removable.

\*\*\* In line with EU Commission resolution no. 812/2013, 814/2013.



# CH buffer tanks, not enamelled

## SV / SVW



200, 300,  
500 litres



400, 800,  
1000 litres



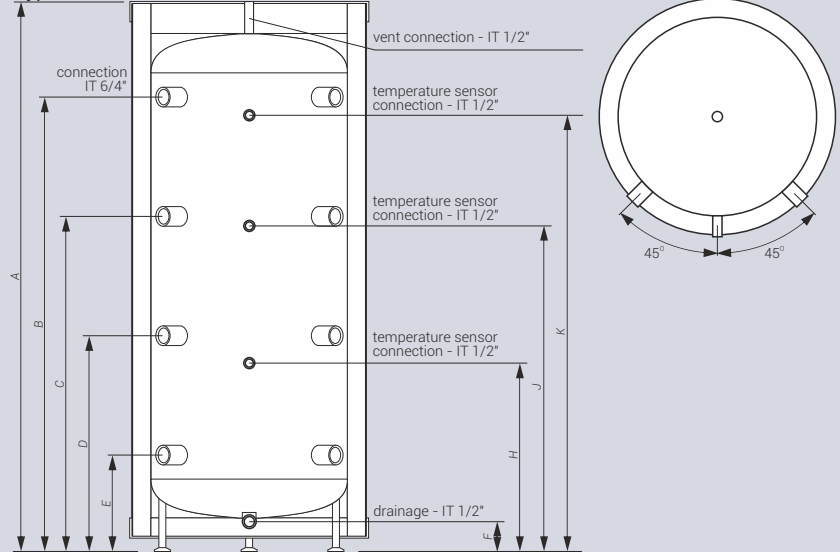
**Ideal to store domestic hot water from different sources of heat eg. 2 central heating boilers and solar collectors**

**Eco-efficient buffer insulation** ensures quick installation thanks to the convenient closing strip and minimal energy loss due to its construction from 100% recycled polyester fibers.\*\*

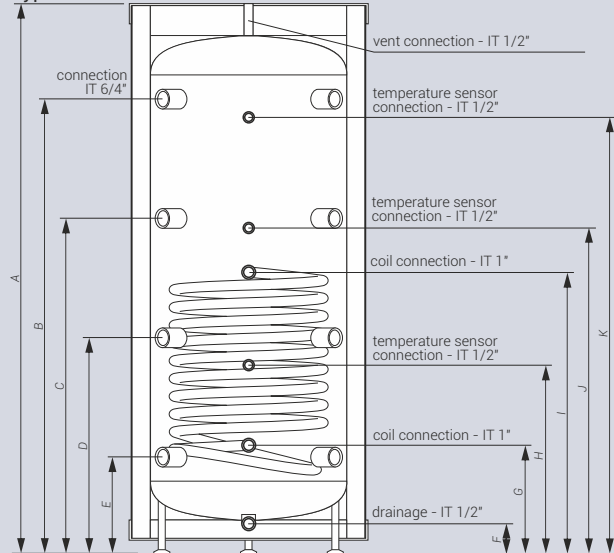


### Dimensions

#### type SV



#### type SVW with coil



	Diameter (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J (mm)	K (mm)
SV-200.1	595	1616	1322	970	618	266	125	-	554	-	911	1239
SV-300.2	692	1596	1338	973	611	249	126	-	544	-	940	1249
SV-400.1	755	1643	1368	996	626	256	124	-	550	-	947	1278
SV-500.1	854	1761	1446	1051	656	261	130	-	629	-	1064	1379
SV-800.1	994	1900	1566	1142	718	294	160	-	691	-	1099	1539
SV-1000.1	994	2230	1895	1362	828	294	160	-	801	-	1379	1869
SVW-200.1	595	1616	1322	970	618	266	125	256	554	811	911	1239
SVW-300.2	692	1596	1338	973	611	249	126	239	544	850	940	1249
SVW-400.1	755	1643	1368	996	626	256	124	246	550	856	947	1278
SVW-500.1	854	1761	1446	1051	656	261	130	251	629	974	1064	1379
SVW-800.1	994	1900	1566	1142	718	294	160	293	691	1182	1099	1539
SVW-1000.1	994	2230	1895	1362	828	294	160	293	801	1294	1379	1869

### Technical data



Type	Nominal / storage capacity (l)	Surface area of coil (m²)	Rated pressure (cylinder/coil) (MPa)	Thickness/insulation material*** (mm)	Stand- by losses** (W)
SV-200.1	200 / 220	-	0,3 / -	65 / PUR / NR	53
SV-300.2	300 / 324	-	0,3 / -	67 / PUR / NR	65
SV-400.1	400 / 399	-	0,3 / -	72 / EPS / R	87
SV-500.1	500 / 493	-	0,3 / -	100 / EPS / R	78
SV-800.1	800 / 795	-	0,3 / -	100 / WPOL / R	120
SV-1000.1	1000 / 942	-	0,3 / -	100 / WPOL / R	127
SVW-200.1	200 / 219	0,75	0,3 / 1,0	65 / PUR / NR	53
SVW-300.2	300 / 322	1,5	0,3 / 1,0	67 / PUR / NR	65
SVW-400.1	400 / 396	1,7	0,3 / 1,0	72 / EPS / R	87
SVW-500.1	500 / 490	2,25	0,3 / 1,0	100 / EPS / R	78
SVW-800.1	800 / 790	3,0	0,3 / 1,0	100 / WPOL / R	121
SVW-1000.1	1000 / 936	3,5	0,3 / 1,0	100 / WPOL / R	128

\* Detailed warranty conditions are described in the warranty card  
 \*\* Concerns buffers with a capacity of 800 and 1000 liters

\*\*\* Insulation: R- removable, NR- not removable.  
 \*\*\*\* In line with EU Commission resolution no. 812/2013, 814/2013.



# Cylinder accessories

Photo	Product code	Description
	ANODA.AMW.400	Magnesium anode AMW 22x420 with cork 3/4"
	ANODA.AMW.570	Magnesium anode AMW 31x570 with cork 5/4"
	ANODA.AMW.660	Magnesium anode 21x660 with cork 3/4"
	ANODA.AMW.760	Magnesium anode AMW 31x760 with cork 5/4"
	ANODA.AMW.800	Magnesium anode AMW 21x840 with cork 3/4"
	ANODA.AMW.M8.400	Magnesium anode AMW 40x400 M8
	ANODA.AMW.M8.450	Magnesium anode AMW 33x450 M8
	ANODA.AMW.M8.500	Magnesium anode AMW 40x500 M8
	ANODA.AMW.M8.590	Magnesium anode AMW 40x590 M8
	ANODA.ELEKTRONICZNA.L380.PL	Electronic anode (titanium) L380, with cork 6/4" for cylinders up to 500 liters
	FLANSZA.GRW	Flange plug of vertical standing cylinders from 250l to 500l with the connection for immersion heater Gw 6/4"
	FLANSZA.GRW2	Flange plug with a stub for a 6/4" heater for enameled vertical DHW cylinders SW-251, 301, 401, 501 and SB-251, 301, 401, 501
	GRZAŁKA.GRW-1.4	Immersion heater with a thermostat GRW-1,4kW/230V, 6/4"
	GRZAŁKA.GRW-2.0	Immersion heater with a thermostat GRW-2,0kW/230V, 6/4"
	GRZAŁKA.GRW-3.0/230V	Immersion heater with a thermostat GRW-3,0kW/230V, 6/4"
	GRZAŁKA.GRW-4,5/400V	Immersion heater with a thermostat GRW-4,5kW/400V, 6/4"
	GRZAŁKA.GRW-6,0/400V	Immersion heater with a thermostat GRW-6,0kW/400V, 6/4"
	KLUCZ.SWK	Cork spanner 6/4" or to immersion heater (for cylinders in class A) - WMD-216
	KLUCZ.KORKA	Cork spanner 6/4" - WMD-145
	WIESZAK.WMD-019	Hanger for horizontal exchangers







# Electric instantaneous water heaters

KOSPEL water heaters are the ideal solution for homes and offices. Our products are distinguished by their high A-class energy efficiency. The small size of the heaters allows installation close to the consumption points which ensures maximum use of energy without transmission losses.

Save energy and money with KOSPEL water heaters.







### Electric instantaneous water heaters - worth to know

Energy consumption only at the time of use

The highest energy class!

**A**

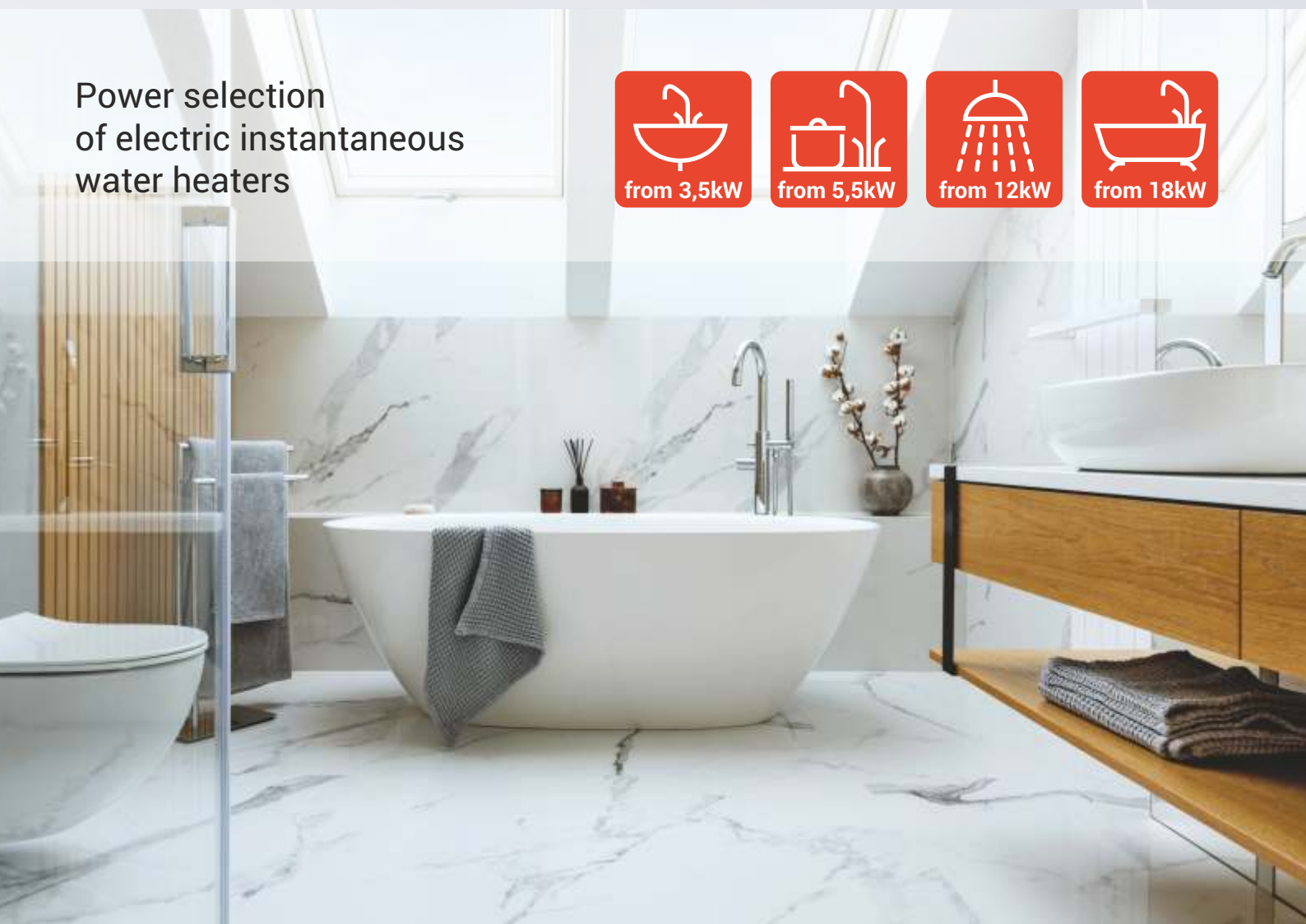
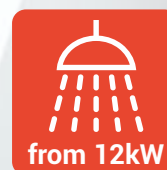
**Do not lose heat in the tank!**

The average commercially available storage heater capacity heater (80l) generates an energy loss of approximately 1.5kWh/24h.

By replacing it with an instantaneous water heater you can save up to 550 kWh a year!



**Power selection  
of electric instantaneous  
water heaters**





# Electric instantaneous water heaters

## Hot water immediately and with no limits

Electric instantaneous water heaters ensure hot water immediately and users are not limited to the hot water stored in the tank.

In storage water heaters, hot water is limited, after the use of water, it's necessary to wait for another fill..



40°C - 3 sec.



40°C - 1h (50 l)



## Precise electronic control

Electric instantaneous water heaters offer an energy efficient way to heat water. They ensure low heat losses and low electricity consumption..

## Safety

Electric instantaneous water heaters are clean and they are safe in operation.

## Low installation cost

Electric instantaneous water heaters are easy to install, they do not require an additional gas connection or chimney.

## Fine-stream spray head

Guarantees comfortable use and savings up to 50%.





## EPS2 / EPS2.P

### Most important advantages

#### EPS2

##### Mixer tap included in the set

- nonpressure appliance
- three-way tap included in the set

##### Fine-stream spray head

- comfortable use
- savings on water and energy up to 50%

##### Power switch

- the power switch in 5,5kW / 4,4kW

##### Supply cord

- connecting cord 1,2 m
- connection to the electrical terminal block

#### EPS2.P

##### Fine-stream spray head

- comfortable use
- savings on water and energy up to 50%

##### Mixer tap included in the set

- nonpressure appliance
- three-way tap included in the set



IP25

A

2 year  
warranty\*

Small in size, inexpensive to install,  
ideal for summer houses,  
offices or bars.

### Application



EPS2

from 3,5kW



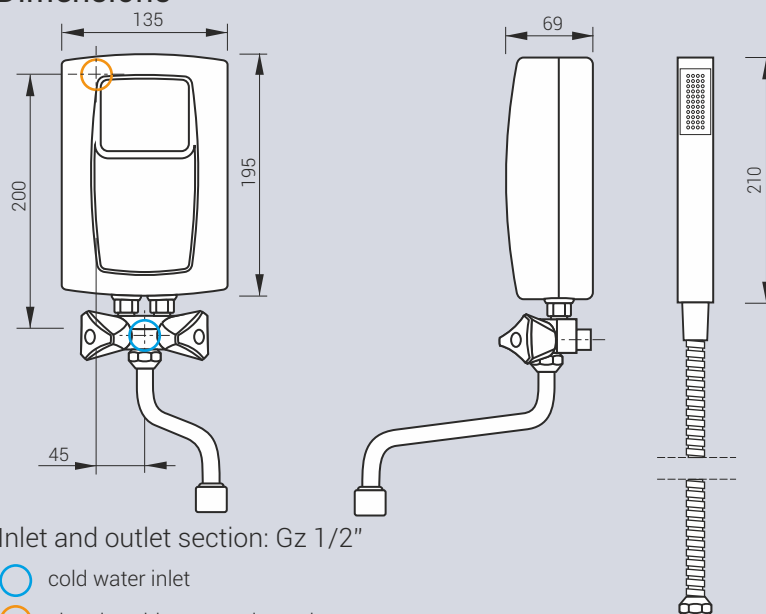
EPS2

from 5,5kW



EPS2P

### Dimensions



Inlet and outlet section: Gz 1/2"

○ cold water inlet

○ electric cable connection point

### Technical data

Type	Rated power / Rated voltage	Supply water pressure (MPa)	Rated current (A)	Min. connecting wires section (mm <sup>2</sup> )	Efficiency ( $\Delta t=30^\circ$ ) (l/min.)
EPS2-3,5	3,5 kW / 230V~	0,12 - 0,6	15,2	3 x 1,5	1,7
EPS2-4,4	4,4 kW / 230V~	0,12 - 0,6	19,1	3 x 2,5	2,1
EPS2-5,5	5,5 kW / 230V~	0,12 - 0,6	23,9	3 x 2,5	2,6
EPS2.P-4,4	4,4 kW / 230V~	0,12 - 0,6	19,1	3 x 2,5	2,1
EPS2.P-5,5	5,5 kW / 230V~	0,12 - 0,6	23,9	3 x 2,5	2,6

\* Detailed warranty conditions are described in the warranty card



## EPO2



IP25

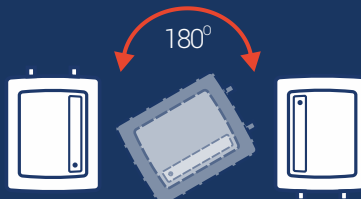
A

2 year  
warranty

### Most important advantages

#### Universal mounting

- can be installed in any position, above or below the sink



#### Fine-stream spray head

- comfortable use
- savings on water and energy up to 50%

### Application



from 3,5kW



from 5,5kW



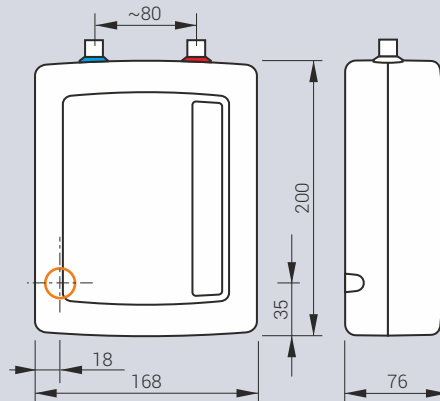
from 4,4kW \*\*

The heater is perfect for the washbasin or kitchen sink

#### EPO2-6.2 - possibility to connect to:

- 1 phase 230V~ installation
- 2-phase 3-phase 400V 2N~ installation

### Dimensions



Inlet and outlet section:  
EPO2 Gz 3/8"

- cold water inlet
- hot water inlet
- electric cable connection point

### Technical data

Product code	Rated power / Rated voltage	Supply water pressure (MPa)	Rated current (A)	Min. connecting wires section (mm <sup>2</sup> )	Efficiency ( $\Delta t=30^\circ$ ) (l/min.)
EPO2-3	3,5 kW / 230V~	0,12 - 0,6	15,2	3 x 1,5	1,7
EPO2-4	4,4 kW / 230V~	0,12 - 0,6	19,1	3 x 2,5	2,1
EPO2-5	5,5 kW / 230V~	0,12 - 0,6	23,9	3 x 2,5	2,7
EPO2-6.2	6,0 kW / 230V~ or 400V 2N~	0,12 - 0,6	26,1 / ***13	3 x 4 / ***4 x 2,5	2,9

\* Detailed warranty conditions are described in the warranty card

\*\* It is possible to use 1 shot at the same time

\*\*\* Values for 400V 2N~ connection



## PPE4.M Medium electronic LCD



**4 in 1**  
10/11/12/15  
17/18/21/24  
kW

**27**  
kW

**IP25**

**A**

**2 year**  
warranty



Water heaters with electronic control, LCD display, and remote control application.



Android  
iOS

### Most important advantages

#### Electronic control

- precise and comfortable temperature regulation of water in the range of 30-60°C with a precision of 1°C

#### 4 power levels in one water heater

- option to select maximum power (except for 27 kW model)

#### Remote access application

- control and monitoring of the water heater's operating parameters

#### Possibility of reheating preheated water

- water temperature up to 60°C on the supply
- energy and water consumption statistics.
- memory and quick switching of most frequently used temperatures

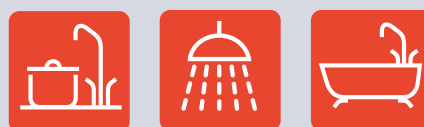
#### LCD display

- energy and water consumption statistics,
- display of inlet and outlet water temperature,
- display of flow rate,
- display of currently selected device power,
- maximum temperature limit setting for burn protection,
- memory for 3 most frequently used temperatures.

#### Easy replacement of the old heater with a new one

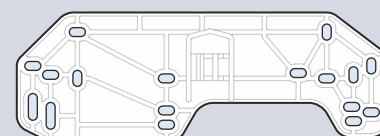
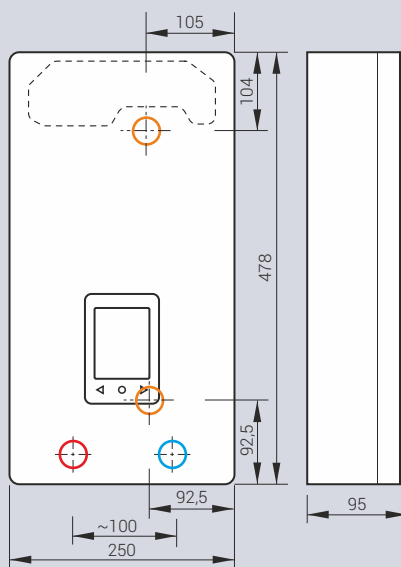
- specially designed PPE4 housing equipped with a unique hanger allows for easy installation of the heater in the place of the old one.

### Applications



from 10kW from 12kW from 18kW

### Dimensions



The special hanger facilitates the installation of PPE4 in the place of the old heater of any brand.

inlet and outlet section G 1/2"

- cold water inlet
- hot water inlet
- electric cable connection point

### Additional equipment

Product code	Description
PPE4.UC	PPE.4 bottom connection

### Technical data

Type	Rated power / Rated voltage	Supply water pressure (MPa)	Rated current (A)	Min. connecting wires section mm²	Efficiency (Δt=30°) (l/min.)
PPE4.M-10/11/12/15	10/11/12/15 kW / 400V 3~	0,1 - 1,0	3x14,5/15,9/17,3/21,7	4 x 2,5	4,3/5,2/5,8/7,2
PPE4.M-17/18/21/24	17/18/21/24 kW / 400V 3~	0,1 - 1,0	3x24,7/26,0/30,3/34,6	4 x 6	8,1/8,7/10,1/11,6
PPE4.M-27	27 kW / 400V 3~	0,1 - 1,0	3x39	4 x 6	13,0

\* Detailed warranty conditions are described in the warranty card



## PPE4.B Basic electronic



**4 in 1**  
10/11/12/15  
17/18/21/24  
kW

**27**  
kW

**IP25**



Water heaters with electronic control and a knob for adjusting the water temperature.

### Most important advantages

#### Electronic control

- energy and water savings through smooth power modulation
- precise and comfortable temperature regulation in the range of 30-60°C

#### 4 power levels in one water heater

- option to select maximum power (except for 27 kW model)

#### Possibility of reheating preheated water

- water temperature up to 60°C on the supply

#### Easy replacement of the old heater with a new one

- specially designed PPE4 housing equipped with a unique hanger allows for easy installation of the heater in the place of the old one.

### Applications



from 10kW

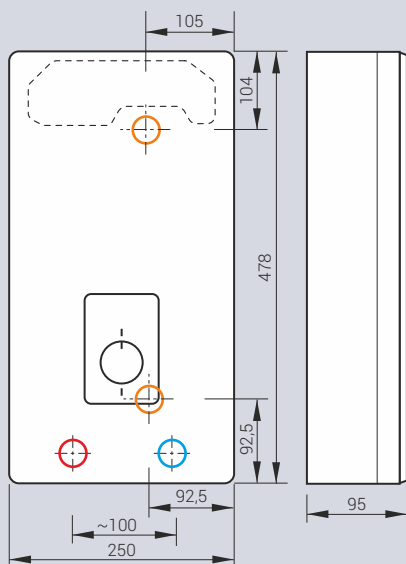


from 12kW



from 18kW

### Dimensions



The special hanger facilitates the installation of PPE4 in the place of the old heater of any brand.

inlet and outlet section G 1/2"

○ cold water inlet

○ hot water inlet

○ electric cable connection point

### Additional equipment

Product code	Description
PPE4.UC	PPE.4 bottom connection

### Technical data

Type	Rated power / Rated voltage	Supply water pressure (MPa)	Rated current (A)	Min. connecting wires section mm <sup>2</sup>	Efficiency (Δt=30°) (l/min.)
PPE4.B-10/11/12/15	10/11/12/15 kW / 400V 3~	0,1 - 1,0	3x14,5/15,9/17,3/21,7	4 x 2,5	4,3/5,2/5,8/7,2
PPE4.B-17/18/21/24	17/18/21/24 kW / 400V 3~	0,1 - 1,0	3x24,7/26,0/30,3/34,6	4 x 6	8,1/8,7/10,1/11,6
PPE4.B-27	27 kW / 400V 3~	0,1 - 1,0	3x39	4 x 6	13,0

\* Detailed warranty conditions are described in the warranty card







## POC 5 inox POC 10 inox



IP24

A

5 years  
warranty\*

Water heaters for washbasin with the tank made of stainless steel.

### Most important advantages

#### Stainless steel tank

- resistant to corrosion
- no need to change an anode regularly

#### Efficient immersion heater of 2000W

- 5,5 min for 5l (water heating 10°-40°C)
- 11 min for 10l (water heating 10°-40°C)

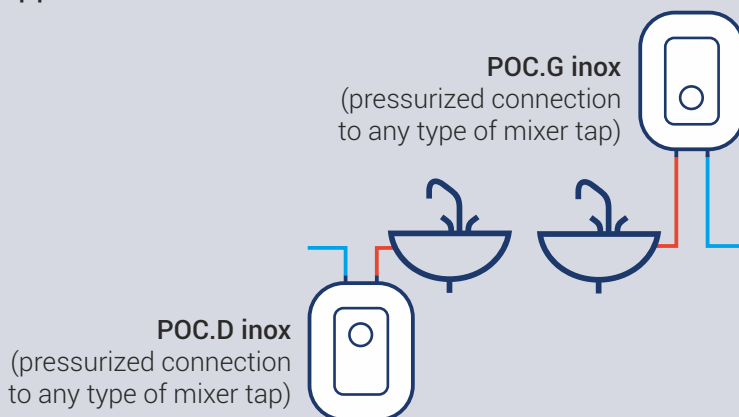
#### Energy efficiency class A

- very low energy losses

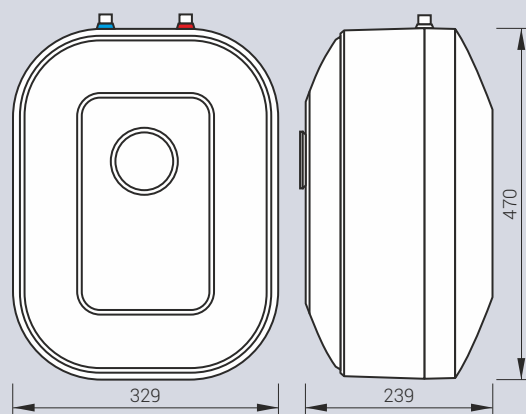
#### Comfortable temperature control

- smooth temperature range from 23-70°C

### Application



### Dimensions



Capacity	A	B	C
POC-5	427	285	163
POC-10	470	329	239

Inlet and outlet section: Gw 1/2"

○ cold water inlet

○ hot water inlet

### Technical data

Product code	Rated power / Rated voltage	Max supply water pressure (MPa)	Capacity (l)	Heating time $\Delta t = 30^\circ\text{C}$ (min.)
POC.D-5	2 kW / 230V	0,6	5	5,5
POC.G-5	2 kW / 230V	0,6	5	5,5
POC.D-5 600W	0,6 kW / 230V	0,6	5	18
POC.D-10	2 kW / 230V	0,6	10	11
POC.G-10	2 kW / 230V	0,6	10	11

\* Detailed warranty conditions are described in the warranty card

### Storage water heaters accessories

Photo	Product code	Description
	BATERIA.POC.Gb	Chrome mixer tap for POC.Gb



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