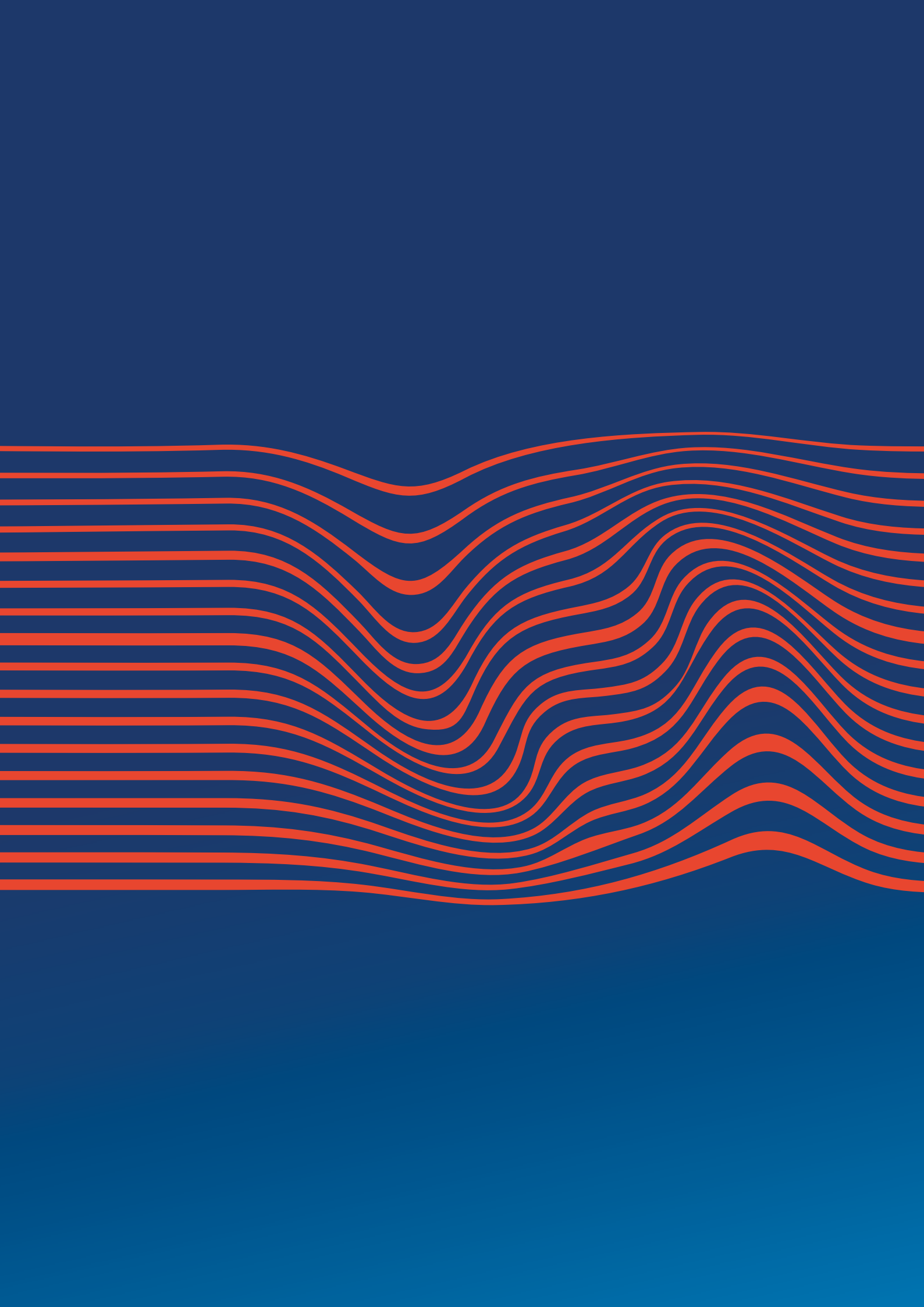


Product catalogue
2024/1



■ Our Mission

We provide comfortable climate with care for the environment.

■ Vision

We provide integrated and self-sustaining energy solutions that create an indoor climate, at an optimal price-to-quality ratio, with a full range of financing options.

We are a European Company with a global reach, characterized by an unmatched customer care, that creates innovative and unique products and services.

Through our strong decision making and adaptability, we ensure that rapidly changing needs are met.

Kospel is an extraordinary place where we can constantly develop our creativity, knowledge, and interests in a comfortable environment among. We actively support local communities in creating an attractive living environment. We are committed to rousing positive emotions.





■ About Our Company

We are a Polish manufacturer of heating appliances with over 30 years of experience. We create heat comprehensively - from the first screw to the ready-to-use device.

Our production is a holistic complete process including the production of metal and plastic parts electronics, painting, enamelling and assembly.

We have control over every second of device's development, which translates into their reliability.



■ Product

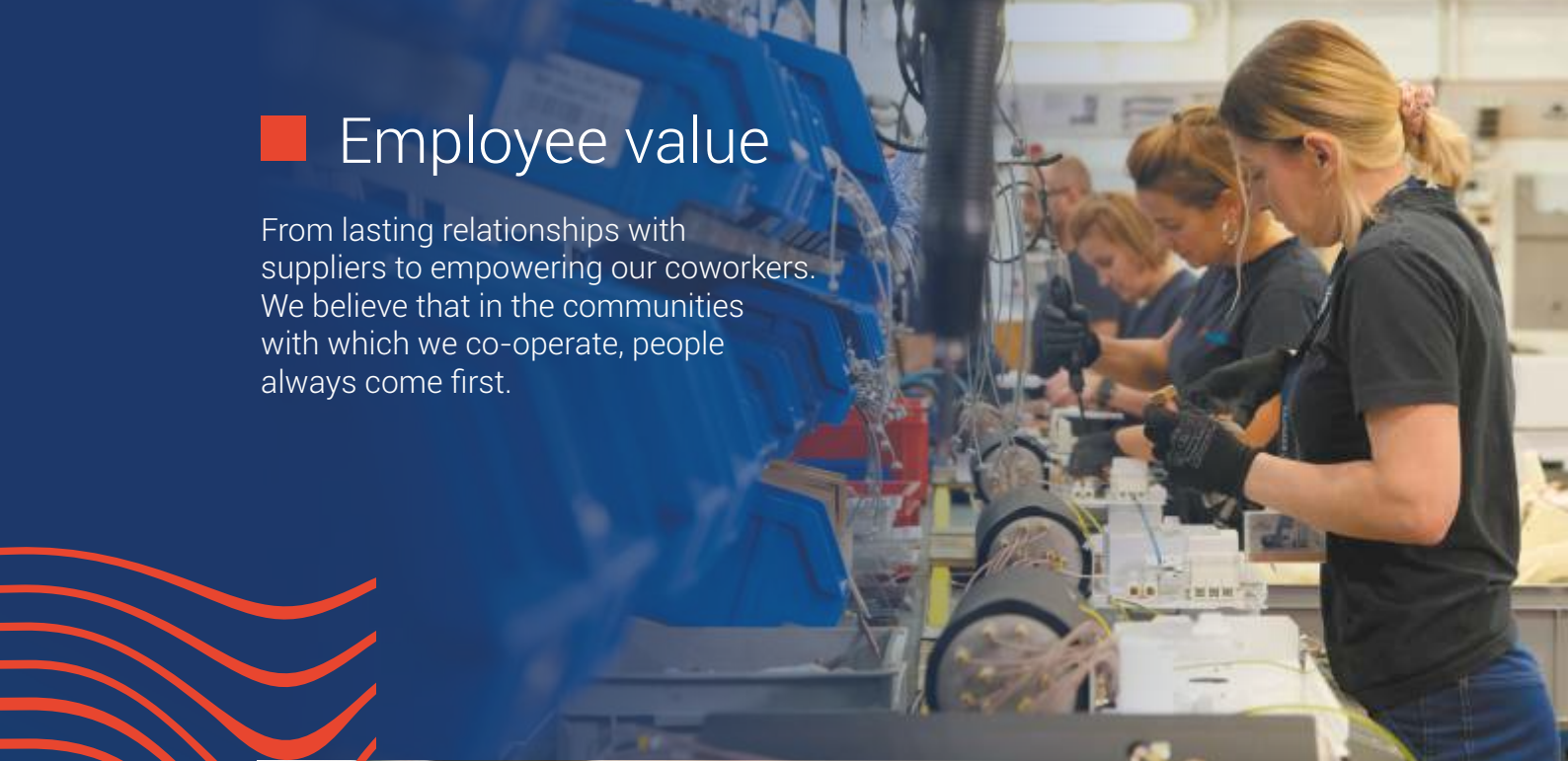
When we work on a new product, we don't just design it for now. We don't base it on fashion, but on innovating for a generation.

We consider all possibilities that will make our products better now and in the future.



■ Employee value

From lasting relationships with suppliers to empowering our coworkers. We believe that in the communities with which we co-operate, people always come first.



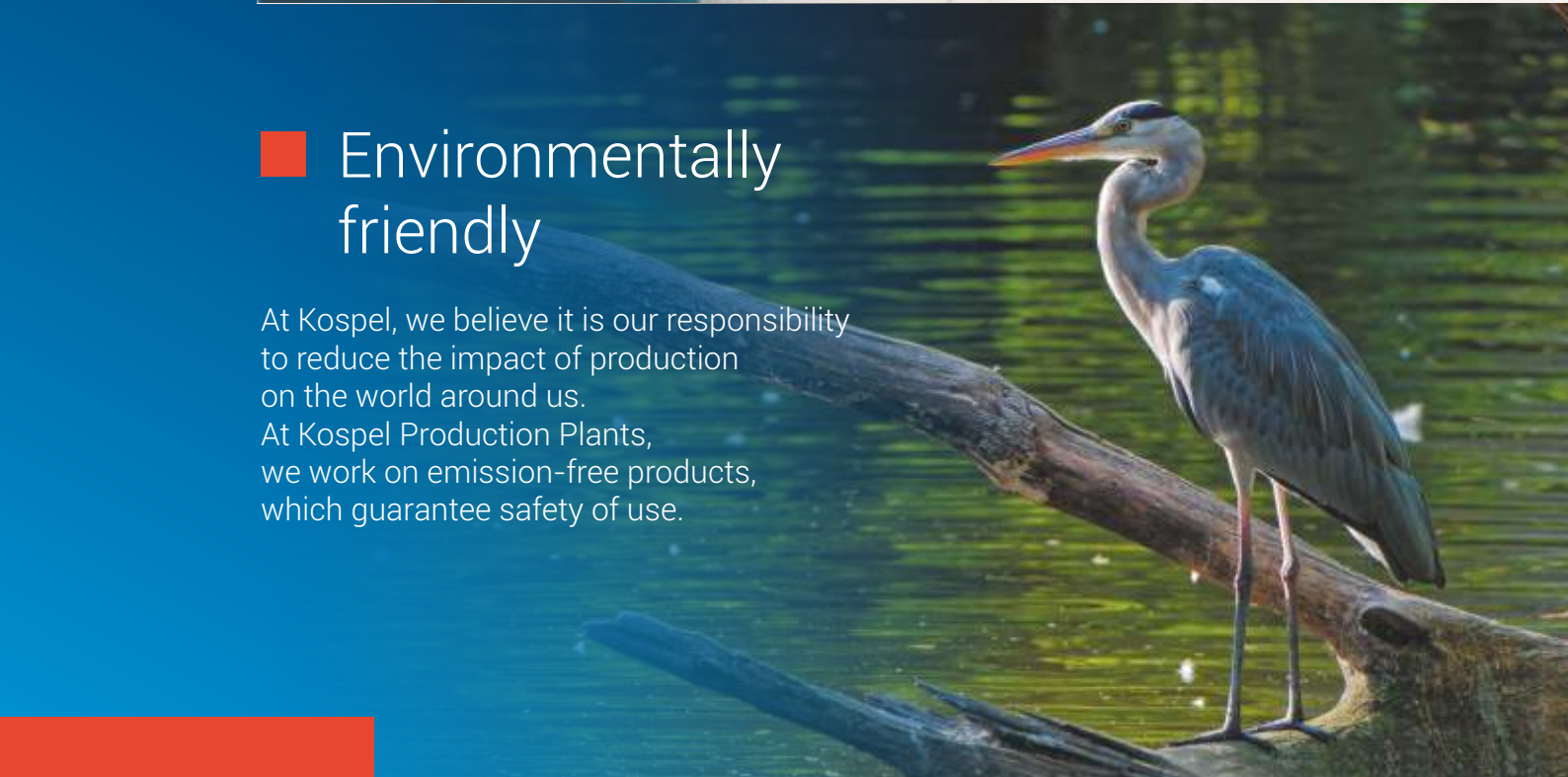
■ Customer-centrism

Focus on customer's needs and experiences. For us, it means that all actions and decisions are focused on satisfying our customers. This way of working results in a higher quality services and products and, above all in the building of lasting relationship.



■ Environmentally friendly

At Kospel, we believe it is our responsibility to reduce the impact of production on the world around us. At Kospel Production Plants, we work on emission-free products, which guarantee safety of use.



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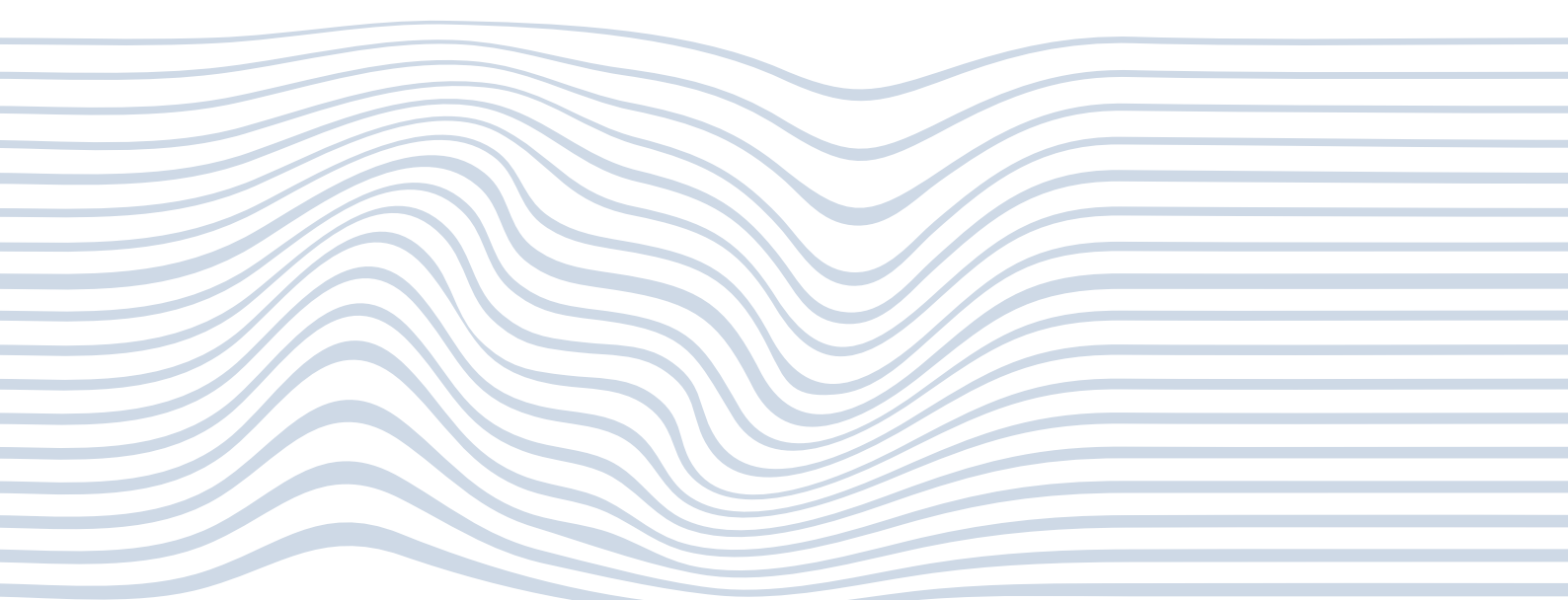


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KOSPEL Sp. z o.o. reserves the right to make technical changes aimed at improvement of products that will not be shown in this catalogue.

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!

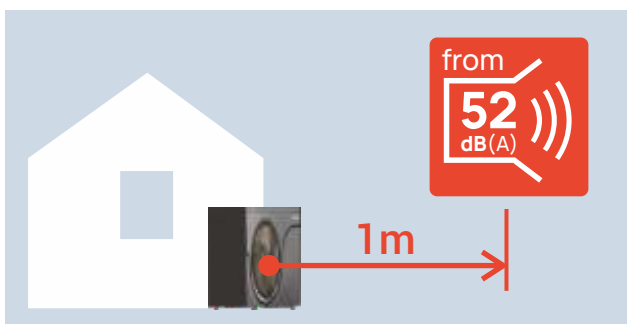


The possibility of selecting the appropriate power will make **HPM02** heat pumps capable of heating both small houses and larger residential buildings.

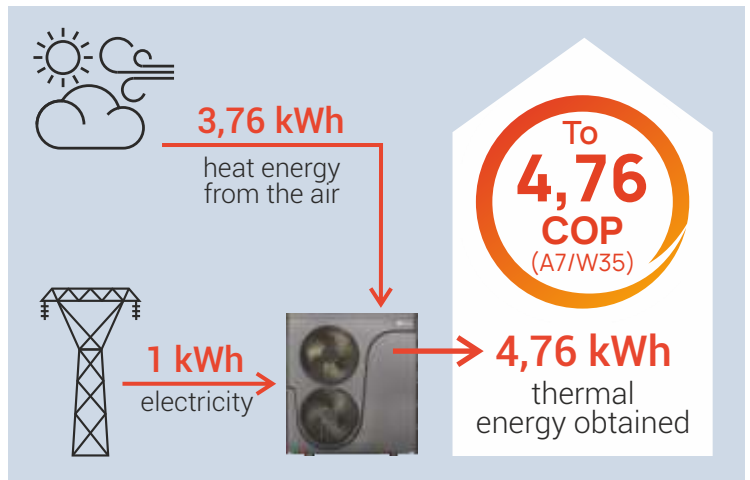
■ Quiet operation of the unit



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



■ High COP factor!



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



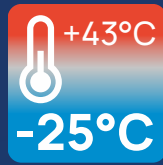
■ Warranty care „KOSPEL SAFE” - up to 5 years warranty on HPM02



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
kW (A7/W35)
smooth power modulation

from **52** dB(A)
1 meter
quiet operation

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

HPM02-12

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

from **55** dB(A)
1 meter
quiet operation

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

HPM02-16/23

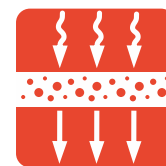
7,0-23,0 kW
kW (A7/W35)
smooth power modulation

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

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



Optional **HP.FF** vibration isolator kit ensuring quiet operation of the outdoor unit



Indoor units



Weather control



Control of 2 heating circuits + hot water circuit.



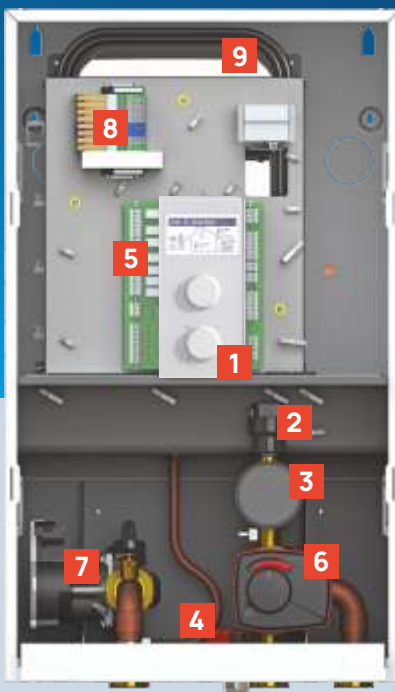
Electric heating unit with automatic power modulation



Hydraulic group

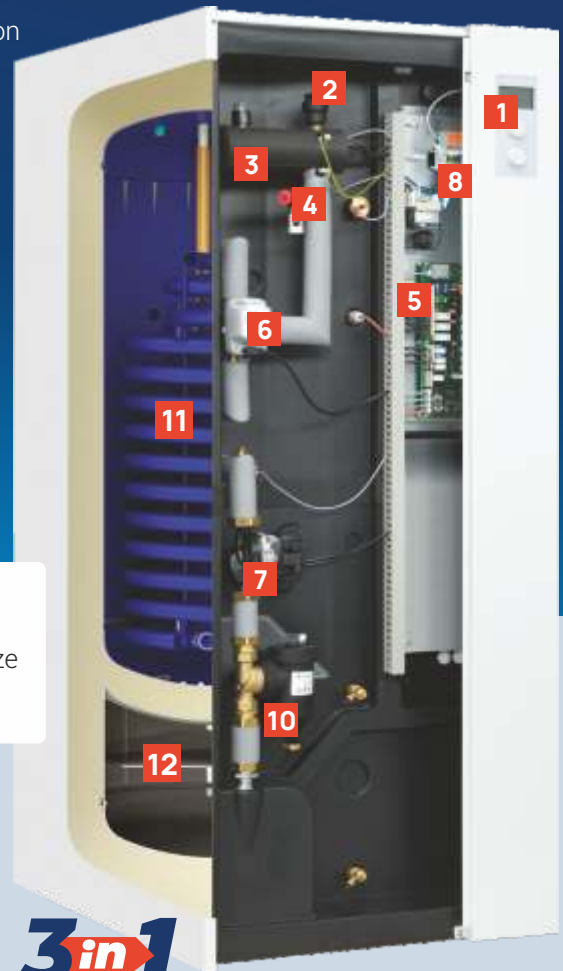


Cooling function



HPMI2

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



HPMD **3in1**

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

Optional

Possibility to connect an external UPS- freeze protection freezing

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)
- 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

HPM2.C sets

System consisting of **HPMO2** heat pump and a **3in1** type **HPMD** indoor unit for installation in new and renovated buildings.



5 lat gwarancji

Set with monobloc heat pump

HPM2.C-8.1

- HPMO2-8 - heat pump
- HPMD-8 "3in1" - indoor unit

Set with monobloc heat pump

HPM2.C-12.1

- HPMO2-12 - heat pump
- HPMD-12 "3in1" - indoor unit

Set with monobloc heat pump

HPM2.C-16

- HPMO2-16/23 - heat pump
- HPMD-16 "3in1" - indoor unit

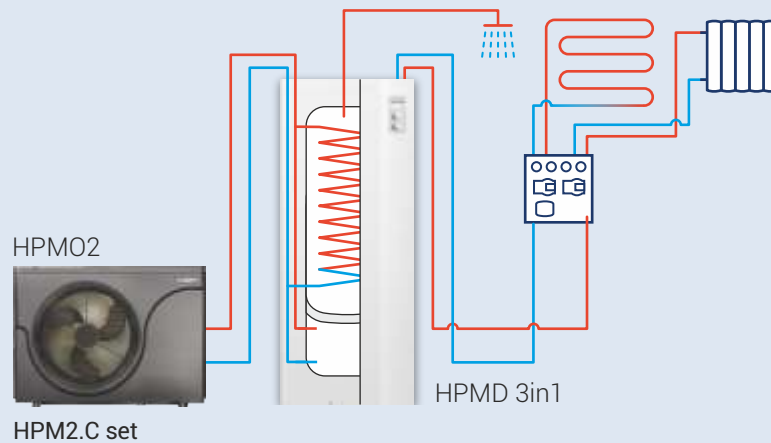


Technical data

| Product code | Set components | Maximum heating power (kW)* | Cop maximum* | Electricity efficiency class* | Max 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 | HPMO2-8 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 dist.1m / 60 | 6kW | 400V 3N~ / 230 V~ | 3x16A / 40A | 5x2,5mm ² / 3x6mm ² |
| HPM2.C-12.1 | HPMO2-12 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 dist.1m / 63 | 6kW | 400V 3N~ / 230 V~ | 3x25A / 50A | 5x2,5mm ² / 3x6mm ² |
| HPM2.C-16 | HPMO2-16/23 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 dist.1m / 64 | 9kW | 400 V 3N~ | 3x32A | 5x2,5mm ² |

* HPMO2 heat pump data

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



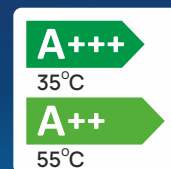
HPM2.C sets with HPMO2 heat pump

| | Product code | Description | Set Components |
|--|--------------|---|---|
| | HPM2.C-8.1 | the set consists of: - HPMO2-8 heat pump - indoor unit 3in1 HPMD-8 - weather temperature sensor - sensors for outside temperature, room temperature and 2 sensors for heating circuits | HPM2.C-8.1 HPMD-8 sensor WE-019/05 - 2 szt. sensor WE-027 sensor WE-033/02 |
| | HPM2.C-12.1 | the set consists of: - HPMO2-12 heat pump - indoor unit 3in1 HPMD-12 - weather temperature sensor - sensors for outside temperature, room temperature and 2 sensors for heating circuits | HPM2.C-12.1 HPMD-12 sensor WE-019/05 - 2 szt. sensor WE-027 sensor WE-033/02 |
| | HPM2.C-16 | the set consists of: - HPMO2-16/23 heat pump - indoor unit 3in1 HPMD-16 - weather temperature sensor - sensors for outside temperature, room temperature and 2 sensors for heating circuits | HPM2.C-16/23 HPMD-16 sensor WE-019/05 - 2 szt. 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



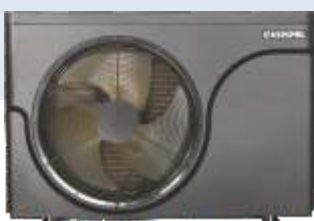
5 lat gwarancji

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

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



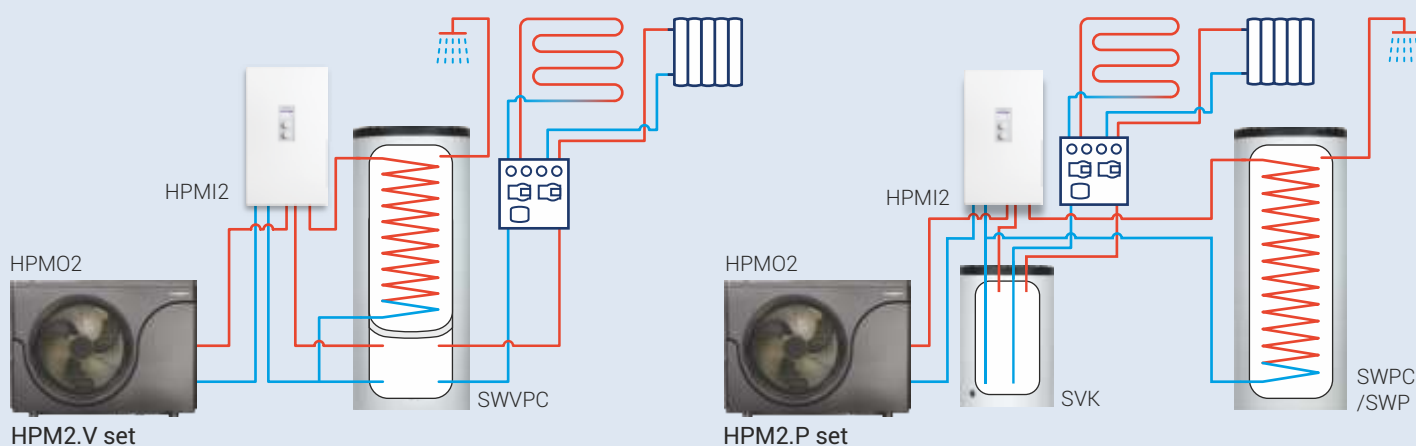
Technical data

| Product code | Set components | Maximum heating power (kW)* | Cop maximum* | Electricity efficiency class* | Max 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) | 52 z odległ. 1m / 60 | 6kW | 400V 3N~ / 230 V~ | 3x16A / 40A | 5x2,5mm ² / 3x6mm ² |
| HPM2.Z-12 | HPM02-12 i 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) | | 55 z odległ. 1m / 63 | 6kW | 400V 3N~ / 230 V~ | 3x25A / 50A | 5x2,5mm ² / 3x6mm ² |
| HPM2.Z-16/23 | HPM02-16/23 i 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) | | 56 z odległ. 1m / 64 | 9kW | 400 V 3N~ | 3x32A | 5x2,5mm ² |

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 HPMO2 heat pump and hot water tank and central heating buffer.

| | Product code | Description | Set Components |
|--|--------------|--|--|
| | HPM2.V-8 | The set includes: - HPMO2-8 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 | HPMO2-8 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: - HPMO2-8 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 | HPMO2-8 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: - HPMO2-8 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 | HPMO2-12 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: - HPMO2-12 monobloc heat pump, - HPMI2-12 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 | HPMO2-12 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: - HPMO2-16 monobloc heat pump, - HPMI2-16 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 | HPMO2-16/23 HPMI2-16 SVK-100 SWPC-300 sensor WE-019/05 - 2 pcs. sensor WE-027, sensor WE-033/02 sensor WE-019/01 |

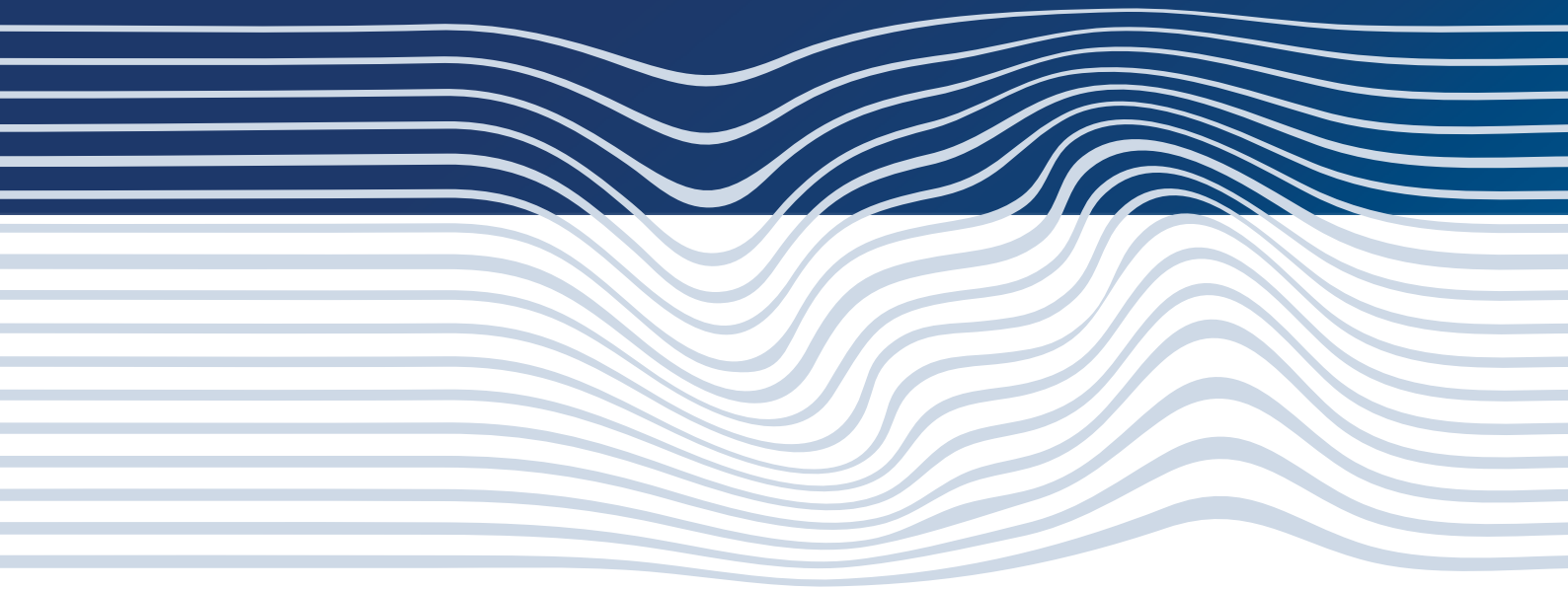
Heat pump accessories

| 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 |

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.

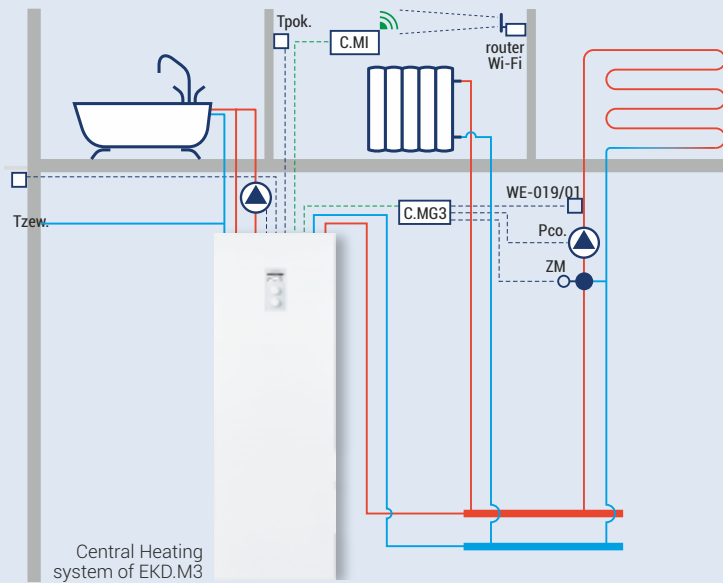
Furthermore, if you use renewable energy sources in the form of solar panels, your home can be heated in an economical way.





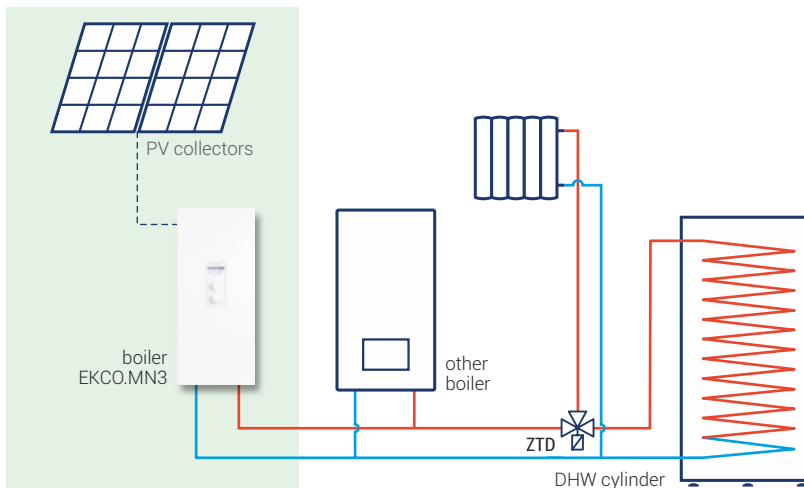
Worth to know

Modern electric heating



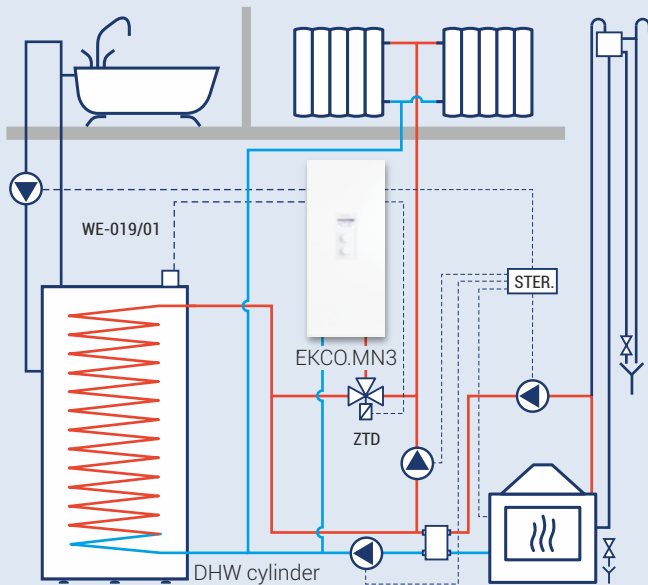
The diagram shows EKD.M3 in Central Heating system.
The boiler also controls the circulation pump.

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.

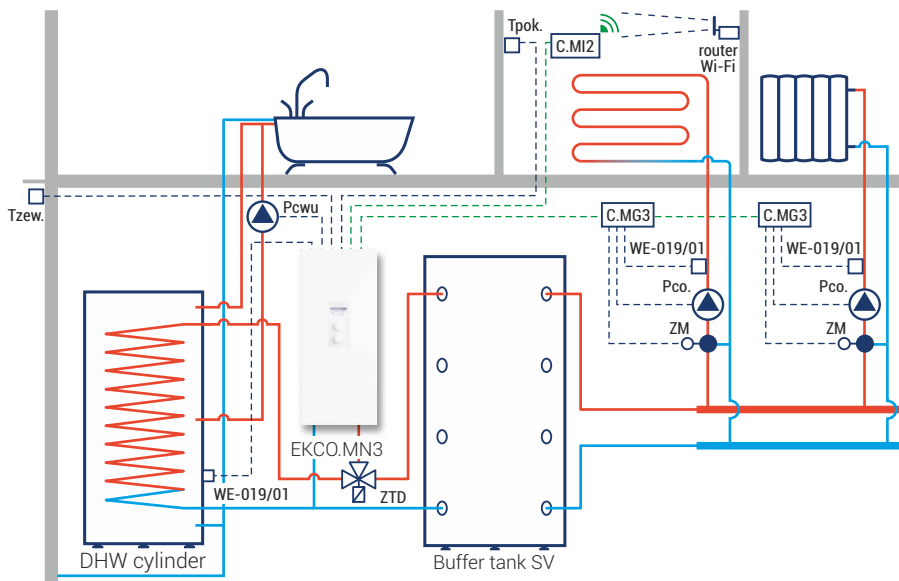
High operation comfort



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 low-cost 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 diagrams shown are general conceptual diagrams. The installation of a tailor-made central heating system should be entrusted to a specialised company

EKCO.MN3 EKCO.M3



Most important advantages

Optimal Utilization of PV Installation Energy

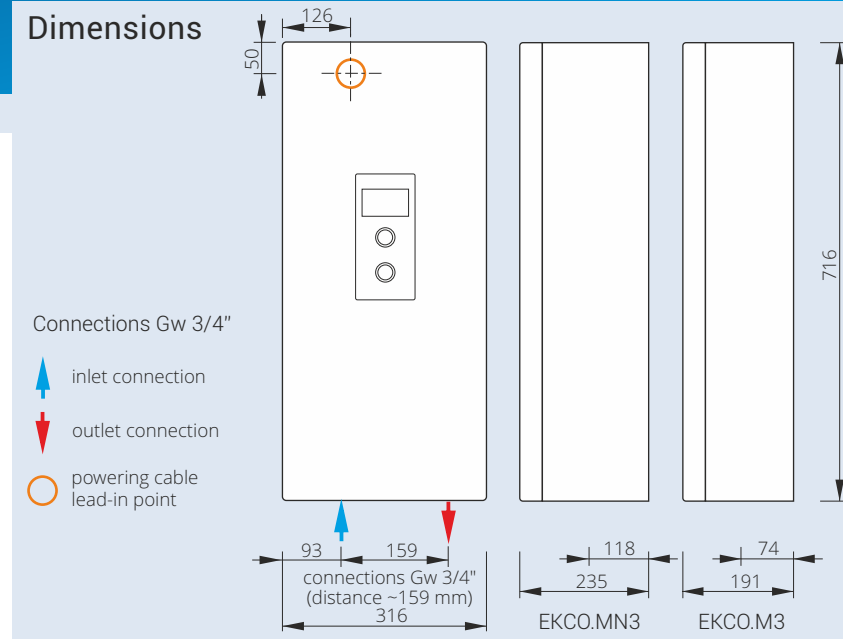
- Charging of the hot water tank or central heating buffer outside of schedule with limited power
- Energy meter and excessive consumption prevention
- Weather-based controller with automatic response to outdoor temperature changes ensures the most energy-efficient operation
- Ability to program room 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

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 ²) |
|---|----------------|---------------|------------------------------------|--|
| 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 3~ | 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 3~ | 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

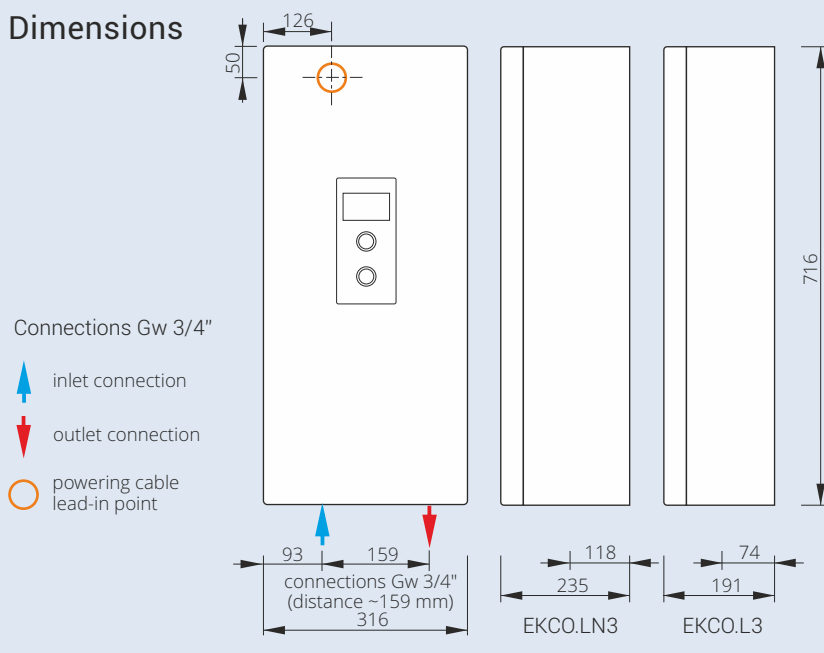


Most important advantages

- Weather compensation with the function of automatic reaction to external temperature changes ensures the most energy-efficient operation of the boiler
- The possibility of programming room temperature daily and weekly
- The possibility of water temperature control and turning-on circulation pump in accordance with the set daily and weekly programs
- The co-operation with any installation and a hot water cylinder
- Equipped with a circulation pump and an expansion vessel - 5 liters (EKCO.MN3)

Boilers in basic configuration.

Dimensions



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 ²) |
|---|----------------|---------------|------------------------------------|--|
| 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 3~ | 5,8/8,7/11,6 | 5 x 2,5/2,5/2,5 |
| EKCO.LN3 - 12/16/20/24 EKCO.L3 - 12/16/20/24 | 12/16/20/24 kW | 400V 3~ | 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

EKD.M3

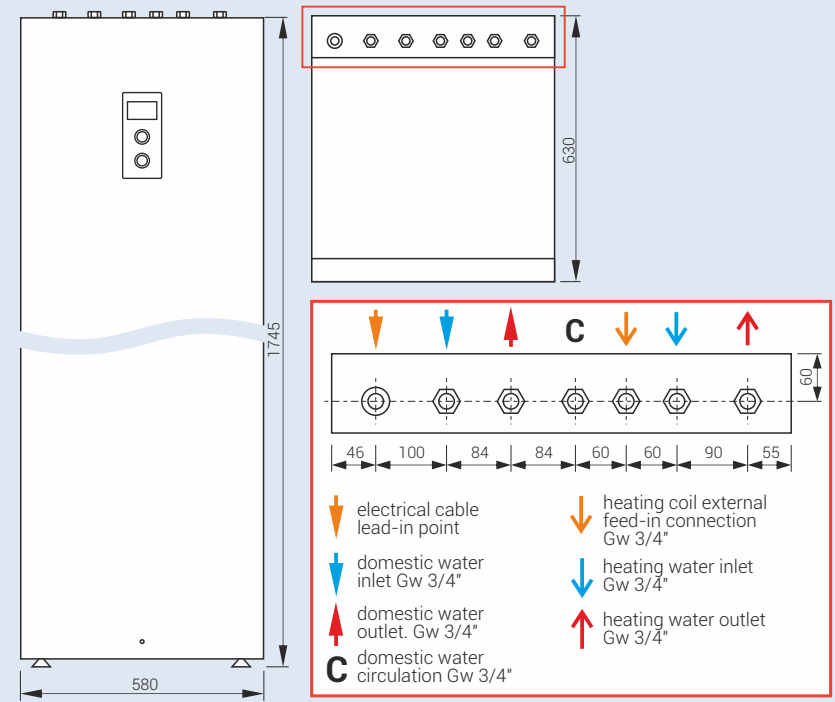


Bi-functional boiler with built in weather compensation and domestic hot water storage tank.

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 ²) | 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 3~ | 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 3~ | | 3 x 17,4/23,1/28,8/34,6 | 5 x 2,5/4/4/6 | 36/29/24/18 | AMW.660 |

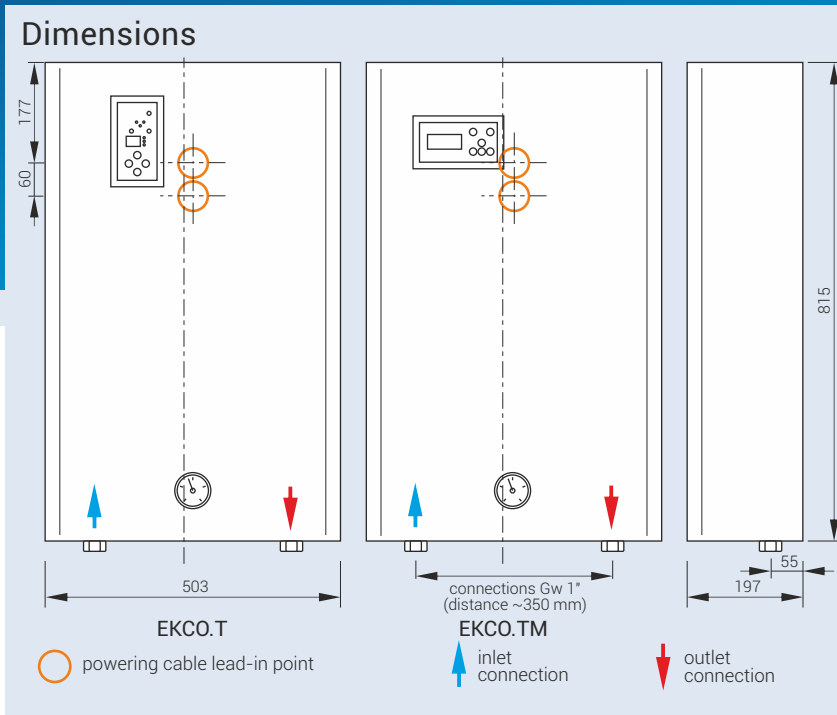
EKCO.T EKCO.TM



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.



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 ²) |
|--------------|---------------------------|------------------------------------|--|
| 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 ²) |
|--------------|---------------------------|------------------------------------|--|
| 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 equippd with valve and temperature sensor WE-008.

* Detailed warranty conditions are described in the warranty card

EKP.LN2M



Most important advantages

Central Heating

Electric boiler with weather compensation

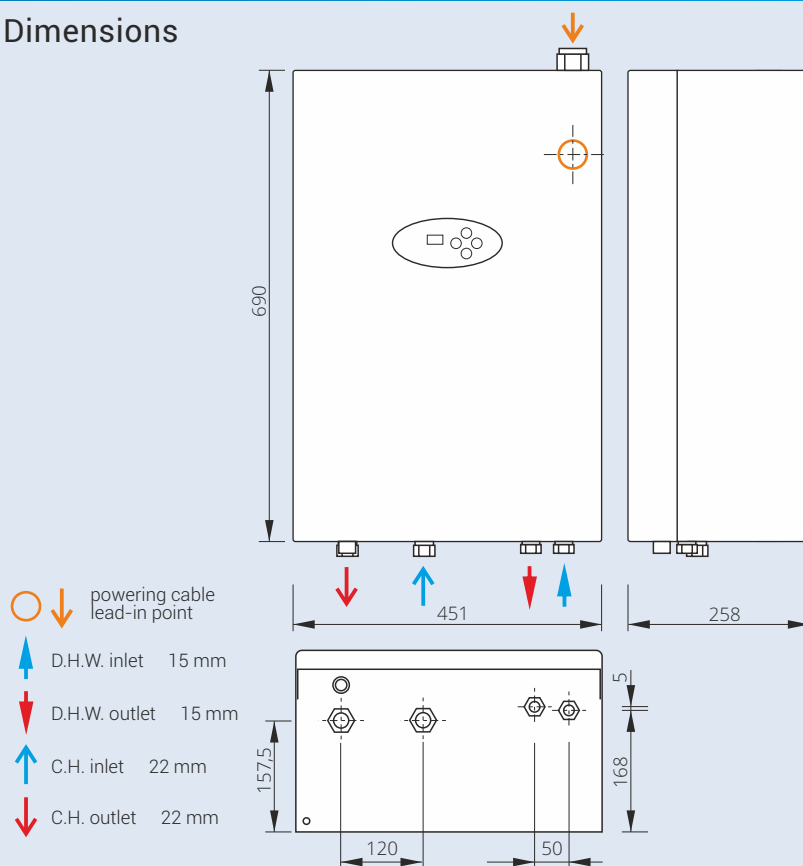
- Automatic modulation of the heater power depending on the temporary heat demand in heated rooms
- Electronic control panel
- Water temperature control in the central heating circuit in the range of 20-85°C
- Cooperation with any central heating installation
- Efficient circulation pump
- Expansion 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



- powering cable lead-in point
- D.H.W. inlet 15 mm
- D.H.W. outlet 15 mm
- C.H. inlet 22 mm
- C.H. outlet 22 mm

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 ²) | 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

The 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.

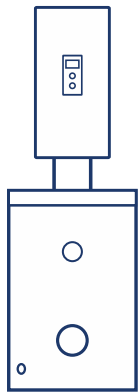




SWK



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;
- GRW-6,0kW/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

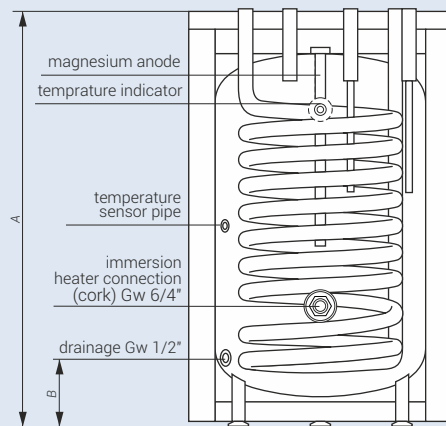
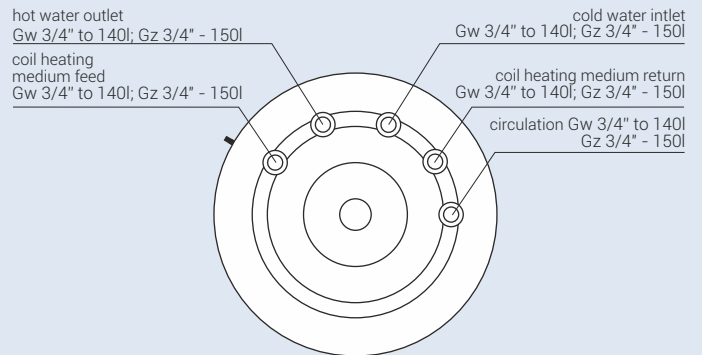
Advanced production technology

- 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 | Storage capacity (l) | Surface area of coil (m ²) | Rated pressure (storage / coil) (MPa) | Power of coil ** (kW) | Thickness / material / type of insulation (mm) *** | Stand-by-losses (W)**** | Anode type |
|--------------|----------------------|--|---------------------------------------|-----------------------|--|-------------------------|------------|
| SWK-100.A | 97 | 0,82 | 0,6 / 1,0 MPa | 25 | 65/PUR/NR | 33 | AMW.M8.450 |
| SWK-120.A | 111 | 1,0 | 0,6 / 1,0 MPa | 30 | 65/PUR/NR | 36 | AMW.M8.450 |
| SWK-140.A | 134 | 1,1 | 0,6 / 1,0 MPa | 32 | 65/PUR/NR | 38 | AMW.M8.450 |
| SWK-150.A | 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 m³/h.

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

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

SW



100-200 litres



Other capacities



Most important advantages

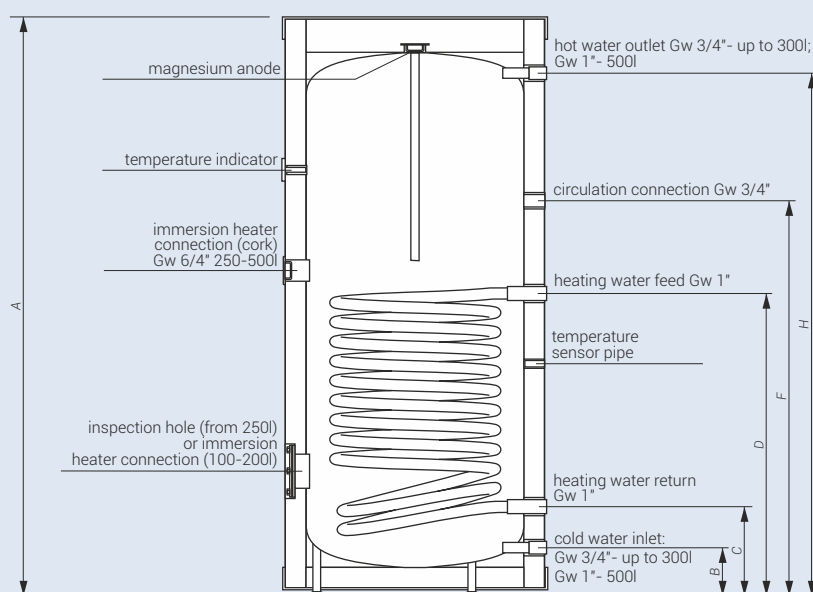
Advanced production technology

- 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 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) | I (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 | 1200 |
| SW-200 | 590 | 1610 | 127 | 258 | 813 | - | 903 | - | 1464 | 1334 |
| SW-250.1 | 690 | 1380 | 127 | 241 | 740 | - | 841 | - | 1230 | 1116 |
| SW-300.1 | 690 | 1615 | 127 | 241 | 852 | - | 953 | - | 1464 | 1350 |
| SW-400 | 755 | 1600 | 125 | 254 | 856 | - | 986 | - | 1490 | 1377 |
| SW-500 | 854 | 1800 | 136 | 266 | 990 | - | 1220 | - | 1584 | 1453 |

Cylinders with heating coil, perfect to co-operate with 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.

Immersion heater GRW-6.0kW/400V

can be installed in cylinders from capacity of 250l.

Technical data

| Product code | Storage capacity (l) | Surface area of coil (m ²) | Rated pressure (storage / coil) (MPa) | Power of coil ** (kW) | Thickness / material / type of insulation (mm) *** | Stand-by-losses (W)**** | Anode type |
|--------------|----------------------|--|---------------------------------------|-----------------------|--|-------------------------|------------|
| SW-100 | 105 | 0,8 | 0,6 / 1,0 | 24 | 53 / PUR / NR | 39 | AMW.660 |
| SW-120 | 124 | 1,0 | 0,6 / 1,0 | 30 | 53 / PUR / NR | 43 | AMW.800 |
| SW-140 | 134 | 1,0 | 0,6 / 1,0 | 30 | 53 / PUR / NR | 47 | AMW.800 |
| SW-200 | 204 | 1,1 | 0,6 / 1,0 | 32 | 65 / PUR / NR | 59 | AMW.M8.450 |
| SW-250.1 | 259 | 1,2 | 0,6 / 1,0 | 35 | 67 / EPS / R | 52 | AMW.M8.450 |
| SW-300.1 | 312 | 1,5 | 0,6 / 1,0 | 45 | 67 / EPS / R | 57 | AMW.M8.400 |
| SW-400 | 375 | 1,7 | 0,6 / 1,0 | 50 | 72 / EPS / R | 101 | AMW.M8.500 |
| SW-500 | 465 | 2,25 | 0,6 / 1,0 | 65 | 100 / EPS / R | 82 | AMW.M8.500 |

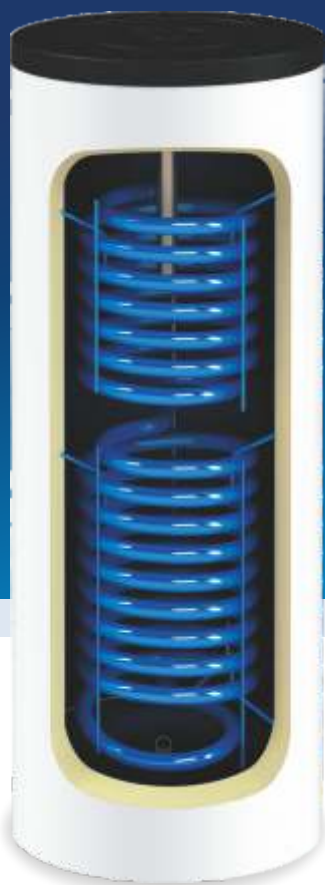
* Detailed warranty conditions are described in the warranty card

** 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 m³/h.

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

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

SB



200 litres



Other capacities



8 years warranty*

Most important advantages

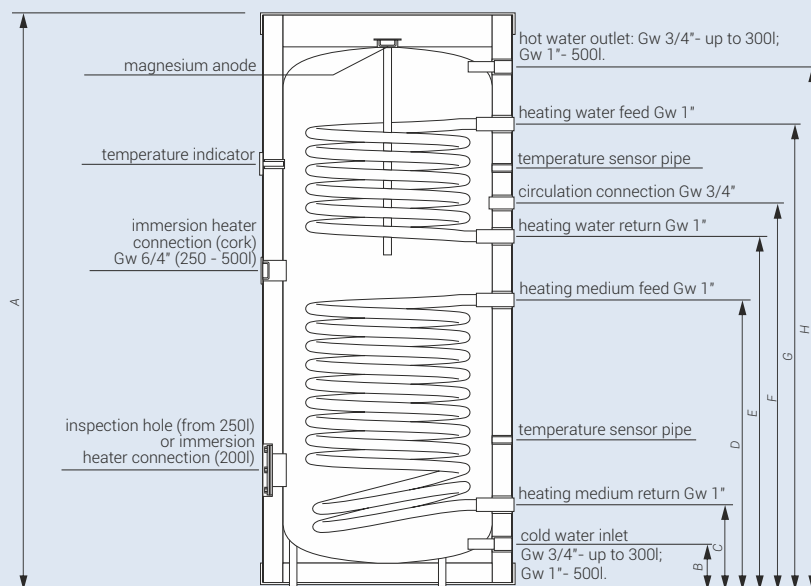
Advanced production technology

- 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) | I (mm) |
|----------|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| SB-200 | 590 | 1610 | 127 | 258 | 813 | 903 | 993 | 1290 | 1464 | 1334 |
| SB-250.1 | 690 | 1380 | 127 | 241 | 628 | 747 | 837 | 1079 | 1230 | 1116 |
| SB-300.1 | 690 | 1615 | 127 | 241 | 852 | 981 | 1071 | 1313 | 1464 | 1350 |
| SB-400 | 755 | 1660 | 125 | 254 | 856 | 986 | 1076 | 1319 | 1490 | 1377 |
| SB-500 | 854 | 1800 | 136 | 266 | 990 | 1115 | 1220 | 1448 | 1584 | 1453 |

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

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.
 Immersion heater GRW-6.0kW/400V can be installed in cylinders from capacity of 250l.

Technical data

| Product code | Storage capacity (l) | Surface area of coil (m ²) | Rated pressure (storage / coil) (MPa) | Power of coil ** (kW) | Thickness / material / type of insulation (mm) *** | Stand-by-losses (W) **** | Anode type |
|--------------|----------------------|--|---------------------------------------|-----------------------|--|--------------------------|------------|
| SB-200 | 204 | 1,1 / 0,75 | 0,6 / 1,0 | 32 / 22 | 65 / PUR / NR | 59 | AMW.M8.400 |
| SB-250.1 | 257 | 1,0 / 0,8 | 0,6 / 1,0 | 35 / 24 | 68 / PUR / NR | 54 | AMW.M8.400 |
| SB-300.1 | 310 | 1,5 / 0,8 | 0,6 / 1,0 | 45 / 24 | 68 / PUR / NR | 58 | AMW.M8.500 |
| SB-400 | 366 | 1,7 / 0,9 | 0,6 / 1,0 | 50 / 27 | 72 / EPS / R | 98 | AMW.M8.500 |
| SB-500 | 455 | 2,25 / 1,04 | 0,6 / 1,0 | 65 / 30 | 100 / EPS / R | 84 | 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 m³/h.

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

SE



140-200 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.

Flansza.GRW / Flansza.GRW.800-1000 – 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

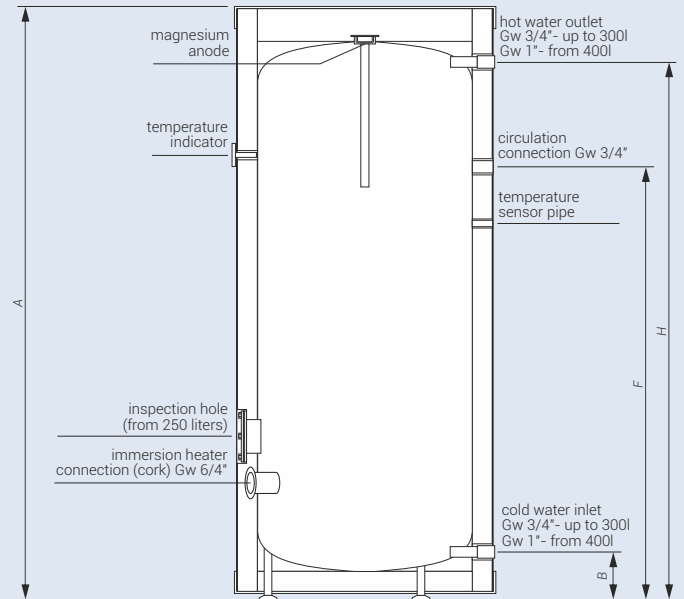
Unbeatable quality

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



heat pump ready

B

8 years* warranty

Most important advantages

Large coil area

- heating coil with a large area
 - 2,1 m² - SWP-200
 - 2,6 m² - SWP-300
- heat pump compatible

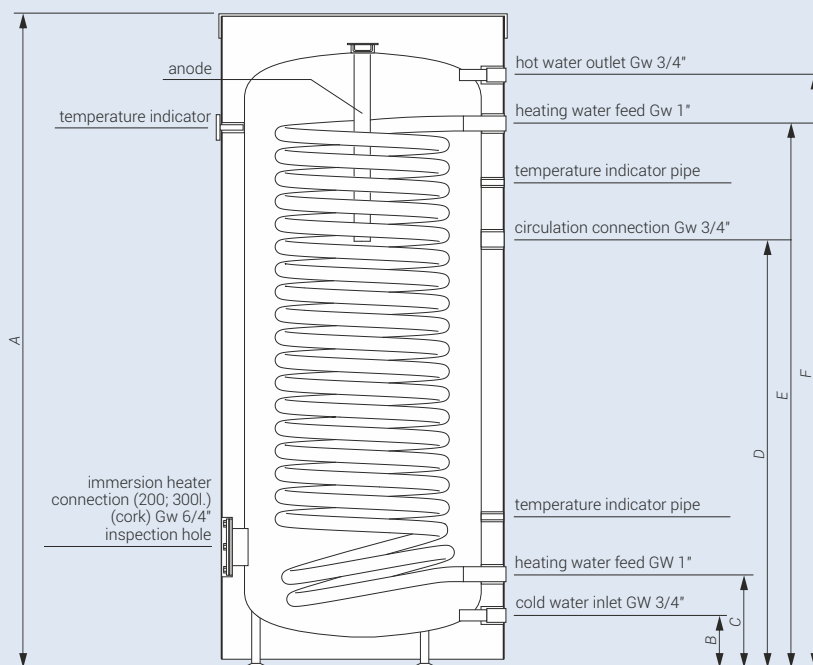
Advanced production technology

- 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) |
|---------|---------------|--------|--------|--------|--------|--------|--------|
| SWP-200 | 595 | 1610 | 127 | 258 | 993 | 1290 | 1464 |
| SWP-300 | 695 | 1615 | 127 | 241 | 1071 | 1313 | 1464 |

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 (SWP-200, SWP-300),
GRW-6,0kW/400V (SWP-300)

Technical data

| Product code | Storage capacity (l) | Surface area of coil (m ²) | Rated pressure (storage / coil) (MPa) | Power of coil ** (kW) | Thickness / material / type of insulation (mm) *** | Stand-by-losses (W) **** | Anode type |
|--------------|----------------------|--|---------------------------------------|-----------------------|--|--------------------------|------------|
| SWP-200 | 199 | 2,1 | 0,6 / 1,0 | 60 / 18 | 65/PUR/NR | 59 | AMW.M8.400 |
| SWP-300 | 310 | 2,6 | 0,6 / 1,0 | 70 / 21 | 67/PUR/NR | 59 | 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 m³/h.

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

SWPC



Most important advantages

Large coil area

- double heating coil with a surface of 4,22 m²
- heat pump compatible.

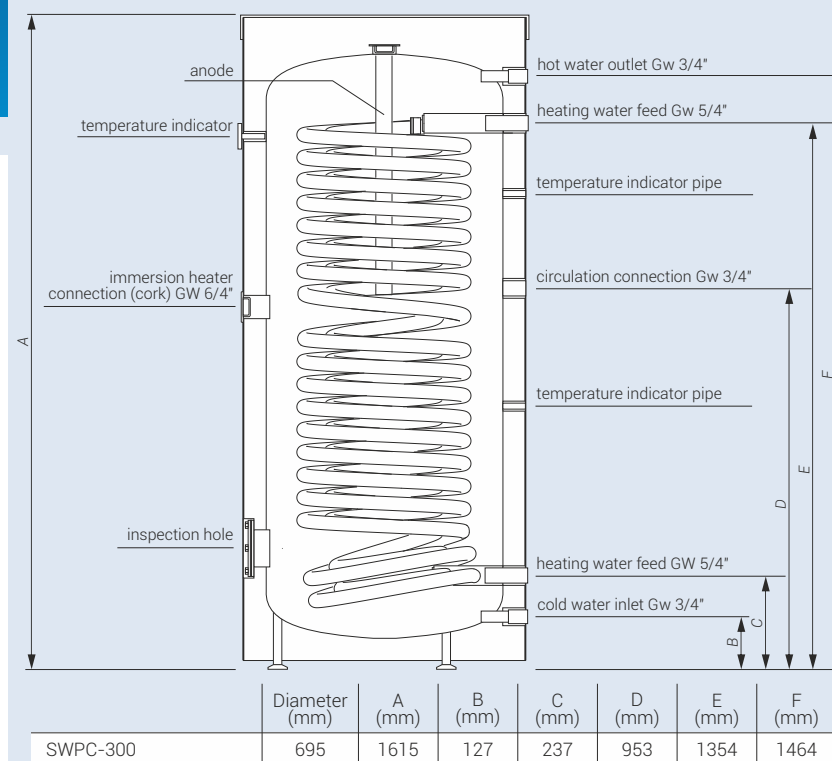
Advanced production technology

- 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



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

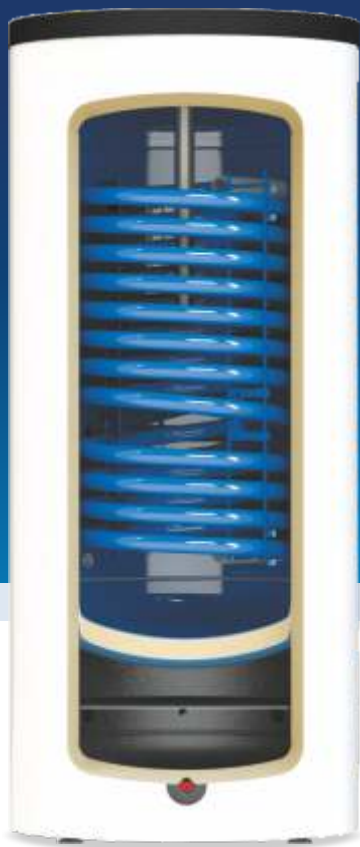
Technical data

| Product code | Storage capacity (l) | Surface area of coil (m ²) | Rated pressure (storage / coil) (MPa) | Power of coil ** (kW) | Thickness / material / type of insulation (mm) *** | Stand-by-losses (W) **** | Anode type |
|--------------|----------------------|--|---------------------------------------|-----------------------|--|--------------------------|------------|
| SWPC-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 – (heating water temp./ feed water temp./domestic water temp.), flow rate of heating water through the coil 2,5 m³/h.

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

SWVPC



heat pump ready

B

8 years* warranty

The combination tank combines a hot water exchanger and a central heating buffer tank to support space heating and cooling. The tank has a double coil "Double Coil" with an area of 2,7 m²

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.

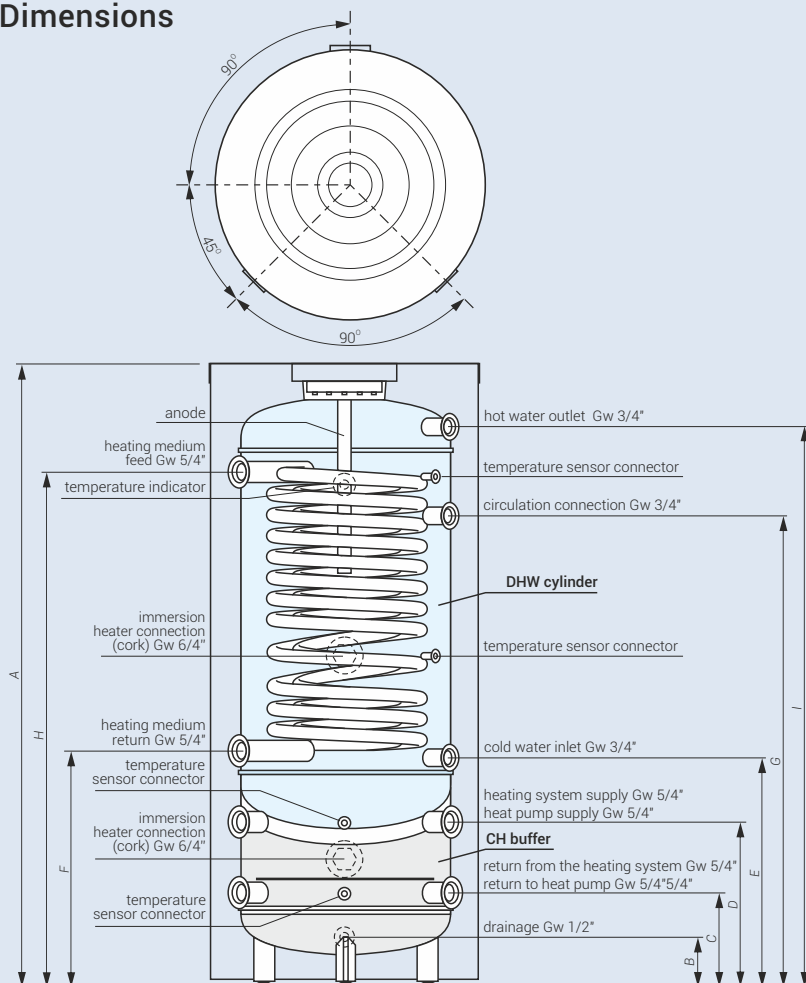
Performance and compactness all in one

- 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 ²) | 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 m³/h.

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

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

SVK



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

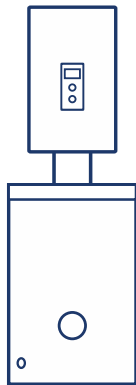
Unbeatable quality

- 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

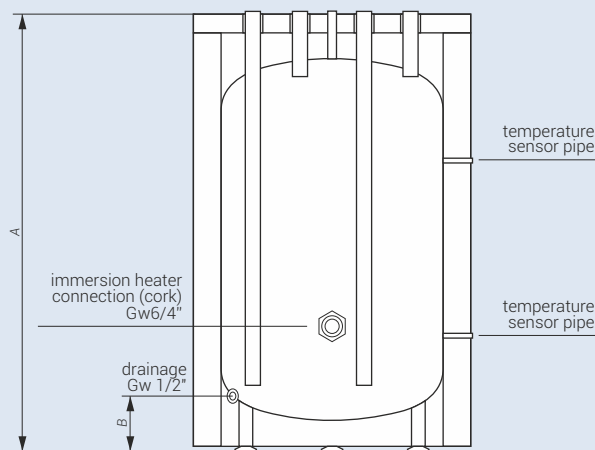
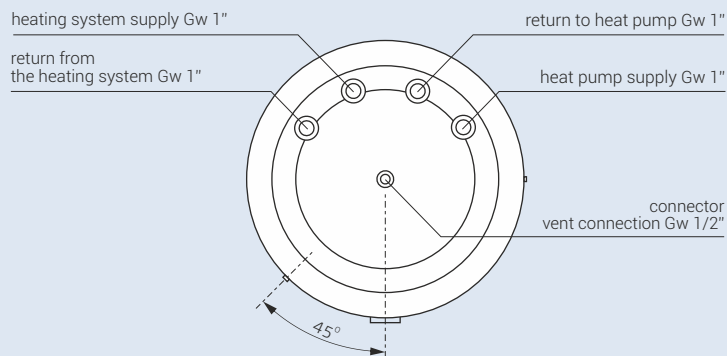
Perfect with central heating installation eg. with co-operation with heat pump



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

Dimensions



| | Diameter (mm) | A (mm) | B (mm) |
|-----------|---------------|--------|--------|
| SVK-100.1 | 595 | 906 | 127 |

Technical data

| Product code | Storage capacity (l) | Rated pressure (MPa) | Thickness / material / type of insulation (mm) ** | Stand-by-losses (W) *** |
|--------------|----------------------|----------------------|---|-------------------------|
| SVK-100.1 | 101 | 0,3 MPa | 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.

SV / SVW



200-300
litrów

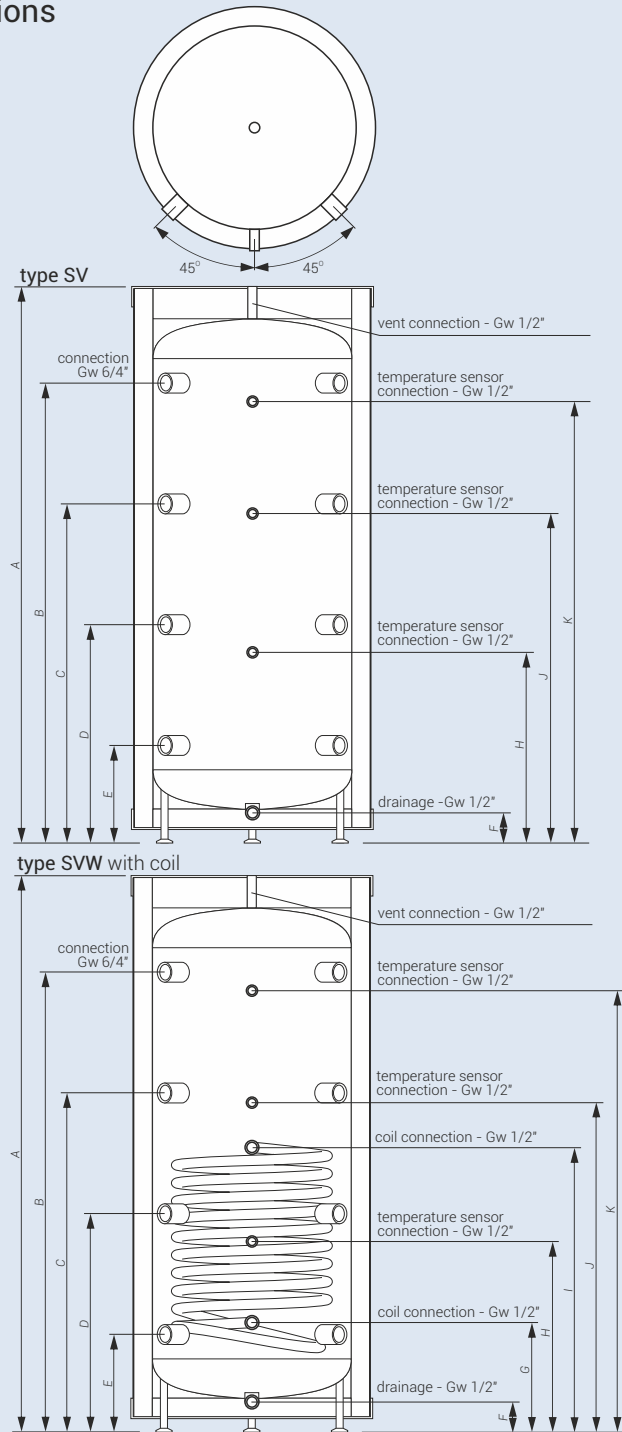


Pozostałe
pojemności



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

Dimensions



| | 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 |
| 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 |




Technical data

| Type | Capacity (l) | Surface area of coil (m ²) | Rated pressure (cylinder / coil) (MPa) | Thickness/insulation material*** (mm) | Stand- by losses** (W) |
|-----------|--------------|--|--|---------------------------------------|------------------------|
| SV-200.1 | 220 | - | 0,3 / - | 65 / PUR / NR | 53 |
| SV-300.2 | 324 | - | 0,3 / - | 67 / PUR / NR | 65 |
| SV-400.1 | 399 | - | 0,3 / - | 72 / EPS / R | 87 |
| SV-500.1 | 493 | - | 0,3 / - | 100 / EPS / R | 78 |
| SVW-200.1 | 219 | 0,75 | 0,3 / 1,0 | 65 / PUR / NR | 53 |
| SVW-300.2 | 322 | 1,5 | 0,3 / 1,0 | 67 / PUR / NR | 65 |
| SVW-400.1 | 396 | 1,7 | 0,3 / 1,0 | 72 / EPS / R | 87 |
| SVW-500.1 | 490 | 2,25 | 0,3 / 1,0 | 100 / EPS / R | 78 |

* 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.

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 |
|  | FLANSA.GRW | Flange plug of vertical standing cylinders from 250l to 500l with the connection for immersion heater Gw 6/4" |
| | 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!



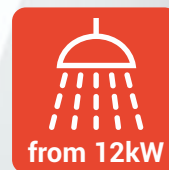
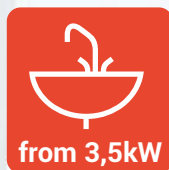
■ Do not lose heat in the tank!

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



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.



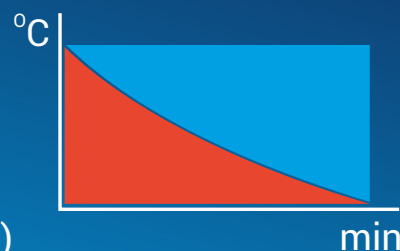
40°C - 3 sek.



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



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



IP25

A

2 year
warranty*

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

Application



EPS2

from 3,5kW



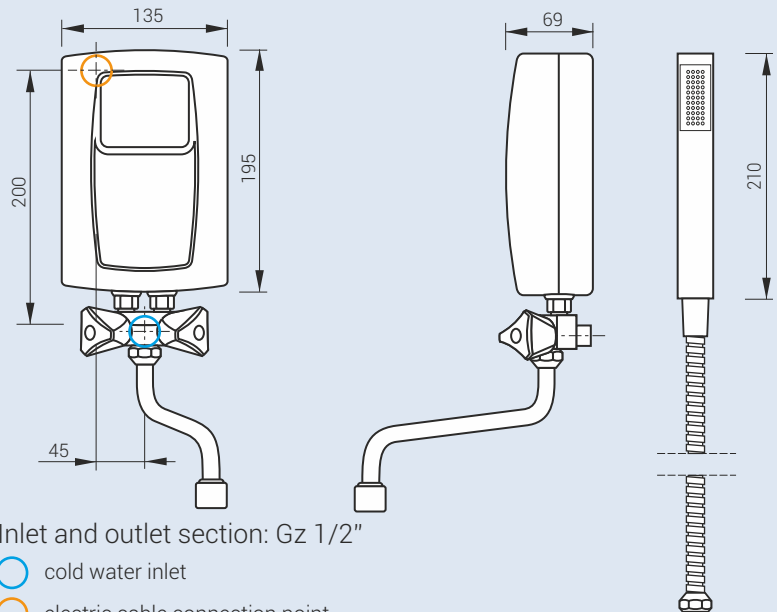
EPS2

from 5,5kW



EPS2P

Dimensions



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

Technical data

| Type | Rated power / Rated voltage | Supply water pressure (MPa) | Rated current (A) | Min. connecting wires section (mm ²) | Efficiency (Δt=30°) (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 |

EPO2



IP25

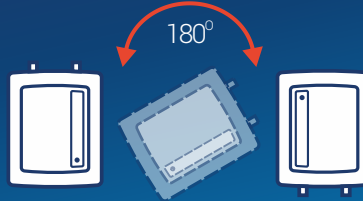
A

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



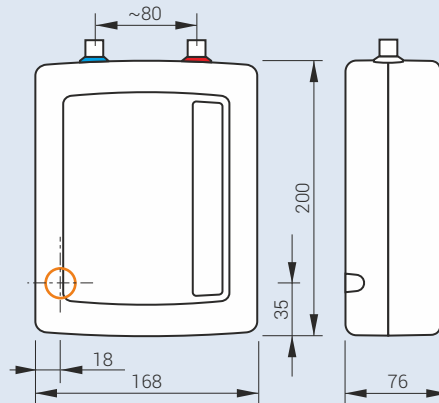
from 4,4kW **

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 ²) | 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 |

* values for 400V 2N~ connection

** it is possible to use 1 shot at the same time

KDE3 electronic



Electronically controlled heater.

IP25

A

2 year
warranty*

Most important advantages

Electronic control system

- stability and smooth regulation of water temperature
- the possibility to regulate water temperature from 30°C to 60°C (1°C step)

4 powers in 1 heater

- allows the user to select desired power level
- not applicable for 27kW version

The possibility to re-heat already pre-heated water

- inlet water temperature up to 60°C

Application



from 9kW

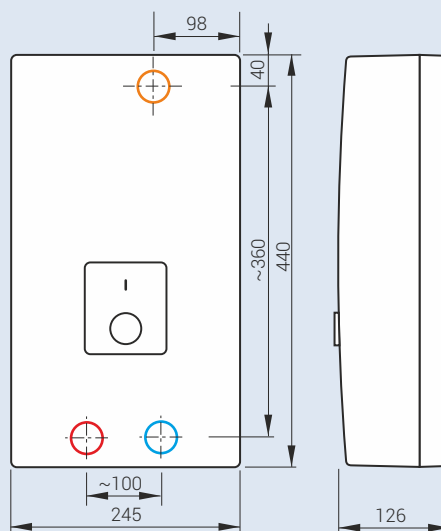


from 12kW



from 18kW

Dimensions



Inlet and outlet section
Gz 1/2"

- 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 ²) | Efficiency ($\Delta t=30^\circ$) (l/min.) |
|---------------|-----------------------------|-----------------------------|-----------------------|--|---|
| KDE3-09/12/15 | 9/11/12/15 kW / 400V 3~ | 0,1 - 1,0 | 3x13,0/15,9/17,3/21,7 | 4 x 1,5/2,5/2,5/2,5 | 4,3/5,2/5,8/7,2 |
| KDE3-18/21/24 | 17/18/21/24 kW / 400V 3~ | 0,1 - 1,0 | 3x24,6/26,0/30,3/34,6 | 4 x 4/4/4/6 | 8,1/8,7/10,1/11,6 |
| KDE3-27 | 27 kW / 400V 3~ | 0,1 - 1,0 | 3x39,0 | 4 x 6 | 13,0 |

KDE5 electronic LCD



IP25

A

2 year
warranty

Most important advantages

LCD display

- inlet and outlet temperatures
- water flow rate
- unit power

Electronic control system

- stability and smooth regulation of water temperature
- the possibility to set temperature from 30°C to 60°C (1°C step)

4 powers in 1 heater

- allows the user to select desired power level (not applicable for 27kW)

The possibility to re-heat already pre-heated water

- the temperature output until 60°C

Temperature lock

- allows the user to save the maximum temperature
- it protects children against burn injuries

Temperature memory

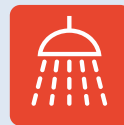
- allows the user to save three most frequently used water temperatures

Electronically controlled heater with LCD display.

Application



from 9kW

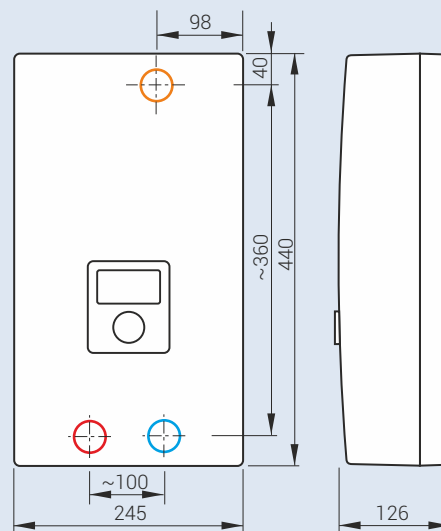


from 12kW



from 18kW

Dimensions



Inlet and outlet section
Gz 1/2"

○ 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 ²) | Efficiency (Δt=30°) (l/min.) |
|-------------------|-----------------------------|-----------------------------|-----------------------|--|------------------------------|
| KDE5-09/12/15.LCD | 9/11/12/15 kW / 400V 3~ | 0,1 - 1,0 | 3x13,0/15,9/17,3/21,7 | 4 x 1,5/2,5/2,5/2,5 | 4,3/5,2/5,8/7,2 |
| KDE5-18/21/24.LCD | 17/18/21/24 kW / 400V 3~ | 0,1 - 1,0 | 3x24,6/26,0/30,3/34,6 | 4 x 4/4/4/6 | 8,1/8,7/10,1/11,6 |
| KDE5-27.LCD | 27 kW / 400V 3~ | 0,1 - 1,0 | 3x39,0 | 4 x 6 | 13,0 |

Instantaneous water heaters accessories

| Photo | Product code | Description |
|--|------------------------|---|
|  | PRZYŁĄCZA.PP.GÓRA | Top connections (copper) |
| | PRZYŁĄCZA.PP.DÓŁ | Bottom connections (copper) |
| | WYLEWKA.150.CHROM | 150 mm KOSPEL chrome faucet |
| | WYLEWKA.250.CHROM | 250 mm KOSPEL chrome faucet |
| | WYLEWKA.PRYSZNICOWA | Shower fine-stream spray head |
| | BATERIA.EPS/EPJ/EPJ.Pu | Chrome mixer tap for EPS / EPJ / EPJ.Pu |

POC 10 inox



IP24

A

5 years
warranty*

Most important advantages

Stainless steel tank

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

Efficient immersion heater of 2000W

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

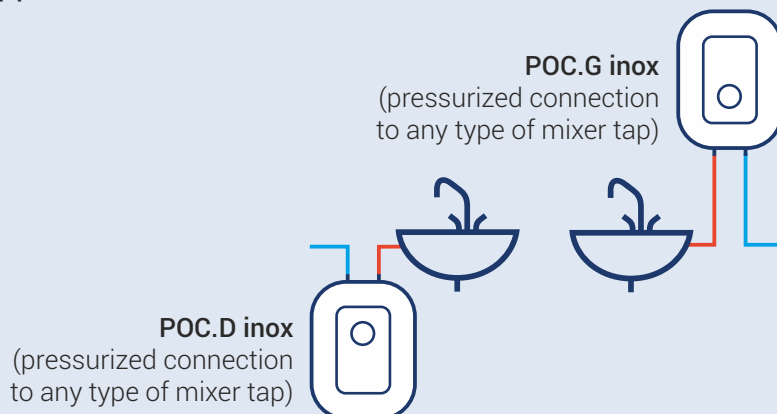
Energy efficiency class A

- very low energy losses

Comfortable temperature control

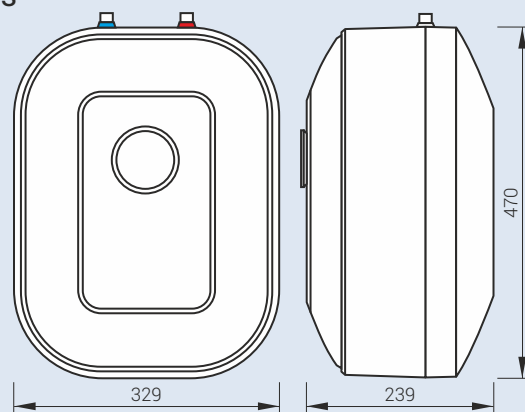
- smooth temperature range from 23-70°C

Application



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

Dimensions



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-10 | 2 kW / 230V | 0,6 | 10 | 11 |
| POC.G-10 | 2 kW / 230V | 0,6 | 10 | 11 |

Storage water heaters accessories

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

* Detailed warranty conditions are described in the warranty card

POC 5 inox



IP24

A

5 years
warranty*

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

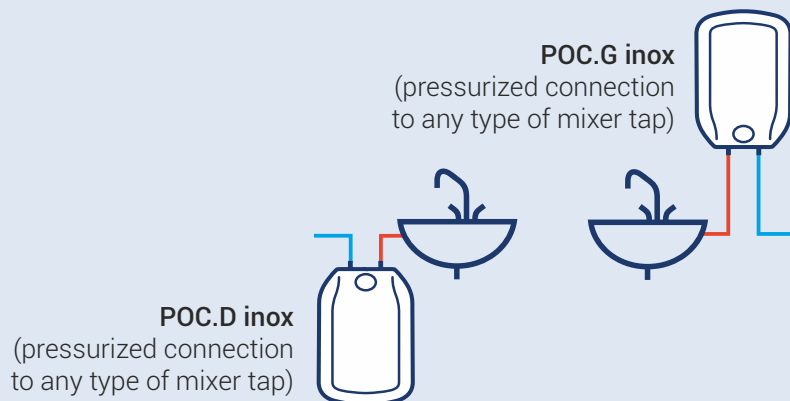
Energy efficiency class A

- very low energy losses

Comfortable temperature control

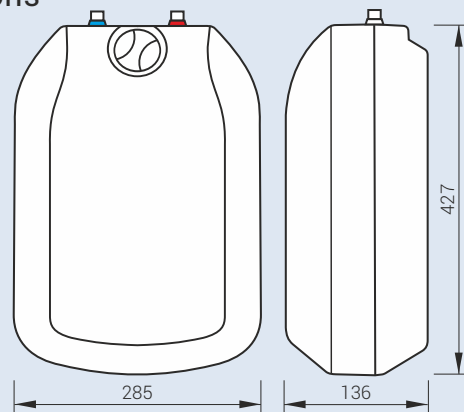
- smooth temperature range from 23-70°C

Application



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

Dimensions



Inlet and outlet section: Gw 1/2"

○ cold water inlet

○ hot water inlet

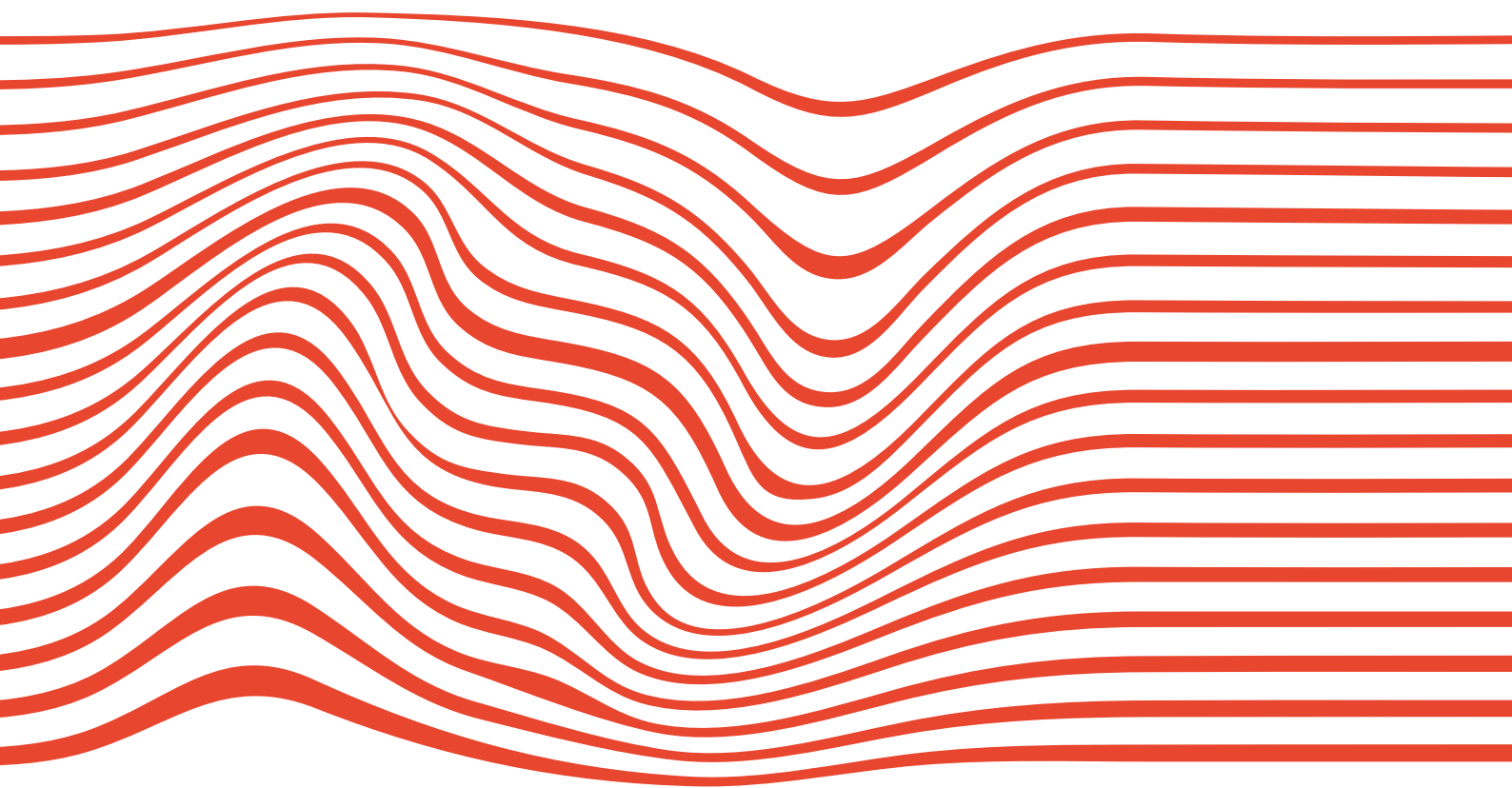
Technical data

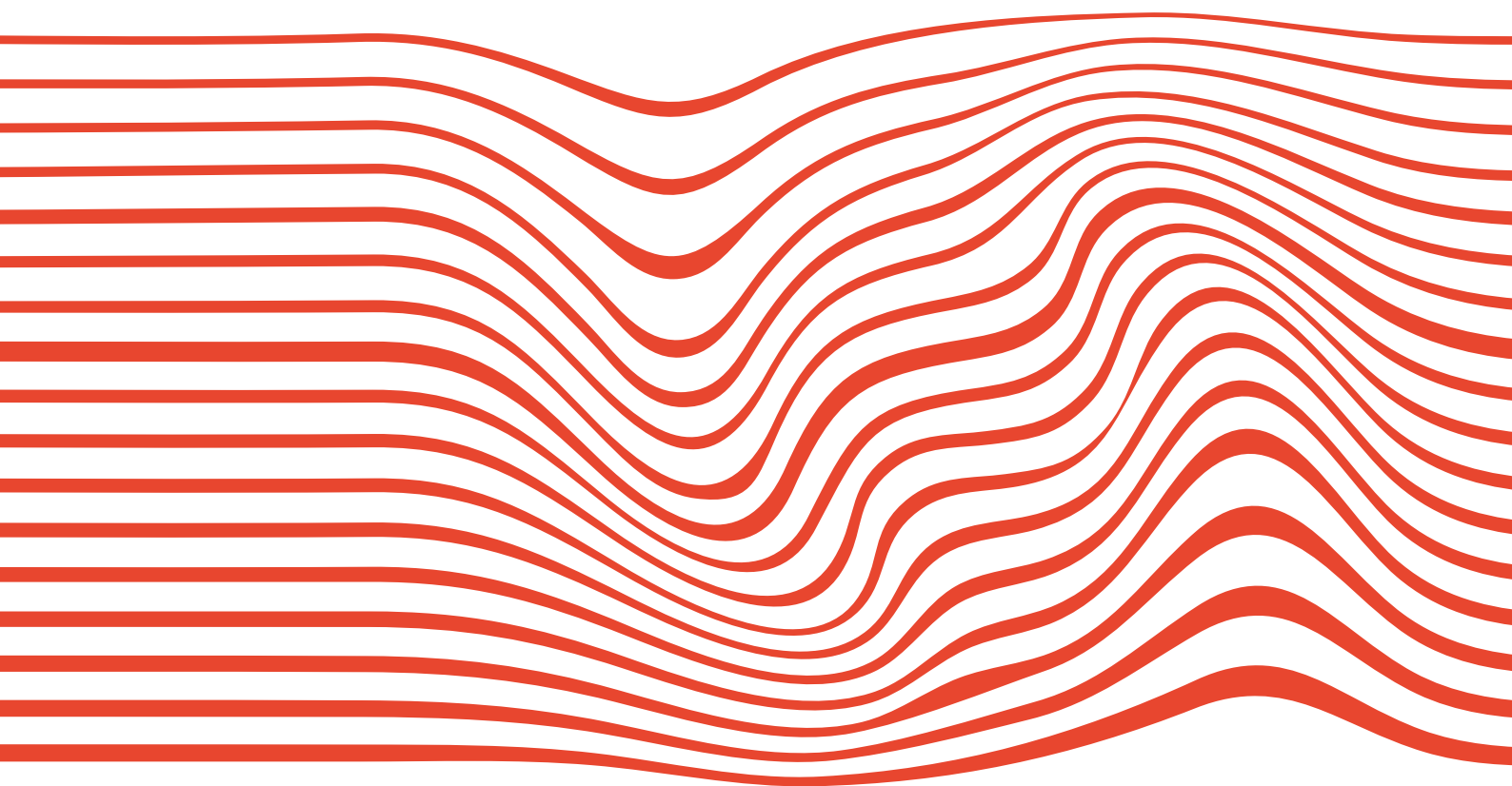
| Product code | Rated power / Rated voltage | Max supply water pressure (MPa) | Capacity (l) | Heating time $\Delta t = 30^\circ\text{C}$ (min.) |
|--------------|-----------------------------|---------------------------------|--------------|---|
| POC.D-5 | 2 kW / 230V | 0,6 | 5 | 5,5 |
| POC.G-5 |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

Storage water heaters accessories

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

* Detailed warranty conditions are described in the warranty card





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