



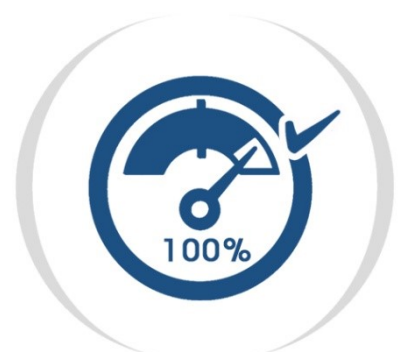
Electric Heating Boilers Catalogue 2019



Vast range of products



Continuous improvement



100% pressure control

Electric System and Combination Boilers

Earth Save Products is a leading supplier of award winning renewable energy products, including mono and combi electric heating boilers for central heating systems, as well as a wide range of hydraulic armature products.

Our experienced and professional technical personnel deal with the most challenging, unusual and special orders in a prompt manner. We provide free assistance in the general scope of heating technology and take a great pride in the almost zero level of failure frequency of our products.



**Vast range of
Products**



**Continuous
improvement**

See also our hydraulic armature products

51 516

available combinations for two or
three way hydraulic sets

Low loss headers: **5** types, **11** sizes

Connecting manifolds: **8** types, **9** sizes

Pump groups: **18** types



Insulated and non-insulated
magnetic filters and
safety heat exchangers



ESP Electric Heating Boilers – basic information

All our heating boilers



Can cooperate with **Wi-Fi** and **GSM** controllers



Have **nearly 100%** operating efficiency



Can operate in both: **sealed** and **open vented** central heating systems

Series



Basic – **SilverLine**

- LED display
- Intelligent heaters controller (PID)
- Boiler non-volatile memory
- Build-in activation frequency limiter
- Four-way protection against overheating
- Build-in energy consumption meters
- Protection system against pump stoppage
- Watchdog processor control system



Advanced – **GoldLine**

- SilverLine features + LCD display
- Weather compensation control
- Room temperature sensor
- Build-in weekly CH programming
- Build-in weekly DHW programming*
- Build-in weekly circulation programming*
- * with DHW set



Industrial – **RedLine**

- SilverLine*/GoldLine** features + Industrial automatics
- Increased components durability
- Up to 90°C operating temperature
- Breaker with undervoltage trip release
- Additional cooling system
- * AsHZ and AsBIII
- ** AsHN and AsBIV

Electric heating boiler application

| Alternative source of heat | | Main source of heat | | Intensive performance/Industry | |
|--------------------------------------|--------|---------------------|---------------|--------------------------------|-----------|
| For heat pumps and other application | | Mono boilers | Combi boilers | Up to 24kW | Over 24kW |
| ESPP | ESPBN* | ESPZN* | ESPC ** | ESPHZ* | ESPBI* |
| | | ESPZNW* | AsC-W ** | ESPHN* | ESPBII* |
| | | | | | ESPBIII* |
| | | | | | ESPBIV* |

* Can be equipped with DHW set - tank with coil of min. 12kW required

** Build-in instantaneous water heater

















































































































































All boilers with GoldLine automatics can also work with our Smartphone controlled app.

Electric heating boiler application chart



| | Most common applications | Description | Recommended |
|---|---|--|--|
| 1 | For heat pumps | Lower cost of heat pump purchase (lower power) Back-up for extremely low temperatures | ESPP |
| 2 | For wood burning stoves | Electric heating mostly in lower tariff Ideal solution for holiday cottages | ESPP ESPBN |
| 3 | For coal/pellet boilers | Ideal solution as an emergency heating in case of main heating source malfunction or your longer absence | ESPP ESPBN |
| 4 | For “green energy” applications | Our electric heating boilers can cooperate with renewable energy sources such as windmills or photovoltaic systems | All |
| 5 | For solar panels heating systems | Ideal as an alternative source of heat to be used in hotels, commercial bathrooms, back-up during cloudy days | ESPZN ESPBN (+ vessel) |
| 6 | For temporary use | Used while waiting for main source of heat installation (gas), later kept as an alternative heating source | ESPZN, ESPZN-W ESPBN (+ vessel) |
| 7 | Operating as mono boilers | Main source of heat Central heating function only | ESPZN, ESPZN-W ESPBN (+ vessel) |
| 8 | Operating as system boilers | Central heating and domestic hot water (priority) functions. DHW through tank with coil or instantaneous flow heater | All units + DHW set (exc. ESPP) ESPC, ESPC-W (with flow heater) |
| 9 | For industrial application | For intensive performance, operating temperature up to 90°C Used while main source of heat malfunction or maintenance | ESPHZ, ESPHN ESPBI, ESPBII, ESPBIII, ESPBIV |

Electric Heating Boilers – comparison table

| Series | Model | CH | DHW | Display | Air-vent | Manometer | Pump | Safety valve | Expansion vessel | Room temp. controller | Weather compensation | Electro valve/ Flow heater |
|--|---------|---|---|---|---|---|---|--|---|---|---|---|
|  | ESPP |  |  |  |  |  |  |  |  |  |  |  |
|  | ESPBN |  |  |  |  |  |  |  |  |  |  |  |
|  | ESPZN |  |  |  |  |  |  |  |  |  |  |  |
|  | ESPC |  |  |  |  |  |  |  |  |  |  |  |
|  | ESPBI |  |  |  |  |  |  |  |  |  |  |  |
|  | ESPZN-W |  |  |  |  |  |  |  |  |  |  |  |
|  | ESPC-W |  |  |  |  |  |  |  |  |  |  |  |
|  | ESPBI |  |  |  |  |  |  |  |  |  |  |  |
|  | ESPHZ |  |  |  |  |  |  |  |  |  |  |  |
|  | ESPHN |  |  |  |  |  |  |  |  |  |  |  |
|  | ESPBI |  |  |  |  |  |  |  |  |  |  |  |
|  | ESPBI |  |  |  |  |  |  |  |  |  |  |  |

Electric heating boilers – quick look

The richest series of electric heating boilers in Europe



Electric Heating Boilers technical data

Producer reserves the right to modify its products without any advance notice

Data apply to all types of Elterm electric heating boilers – see also basic information on page 3

- Hanging device
- Room temperature adjustment range depends on the type of room thermostat
- Electronic system fuse – 500 mA
- Hydraulic resistance – negligible (below 0,001 bar)
- Factory test pressure – 12 at.
- Design pressure – 6 at. (safety valve 3 bar, other on request)
- Water volume in tank – 3l, AsC/AsC-W - 1,8l, AsBI-AsBIV – 6l
- Efficiency 99,5%

- IPX 2, class I
- Stepless CH temperature adjustment 5÷70°C, for underfloor heating 5÷40°C (RedLine series 5÷90°C)
- Stepless DHW temperature adjustment 5÷65°C (boilers with DHW set), 30÷60°C (AsC, AsC-W)
- Automatic power selection – by 1/6 or 1/3, power dependant
- Manual power reduction 33-67-100%
- Can cooperate with **Wi-Fi** and **GSM** controllers
- All boilers can work in sealed and open vented installations

All our boilers are in conformity with the following EC directives: **LVD, RoHS, EMC, WEEE** and **ErP**

| Boiler power | Manual power distribution (%) | Power modulation | Power supply 230/400V | Safety fuses (A) | Power cord (mm ²) | Heated area A (m ²)* | Heated area B (m ²)** |
|--------------|-------------------------------|------------------|-----------------------|------------------|-------------------------------|----------------------------------|-----------------------------------|
| 4 kW | 100 – 67 – 33 | by 1/3 | 1 phase | 1 x 20 | 3 x 2,5 | ~ 50 | ~ 70 |
| 4 kW | 100 – 67 – 33 | by 1/3 | 3 phases | 3 x 6 | 5 x 1,5 | ~ 50 | ~ 70 |
| 6 kW | 100 – 67 – 33 | by 1/3 | 1 phase | 1 x 32 | 3 x 4,0 | ~ 70 | ~ 100 |
| 6 kW | 100 – 67 – 33 | by 1/3 | 3 phases | 3 x 10 | 5 x 2,5 | ~ 70 | ~ 100 |
| 9 kW | 100 – 67 – 33 | by 1/3 | 1 phase | 1 x 40 | 3 x 10,0 | ~ 110 | ~ 150 |
| 9 kW | 100 – 67 – 33 | by 1/3 | 3 phases | 3 x 16 | 5 x 2,5 | ~ 110 | ~ 150 |
| 12 kW | 100 – 67 – 33 | by 1/3 | 1 phase | 1 x 63 | 3 x 10,0 | ~ 150 | ~ 210 |
| 12 kW | 100 – 67 – 33 | by 1/3 | 3 phases | 3 x 20 | 5 x 4,0 | ~ 150 | ~ 210 |
| 15 kW | 100 – 67 – 33 | by 1/6 | 1 phase | 1 x 80 | 3 x 10,0 | ~ 180 | ~ 250 |
| 15 kW | 100 – 67 – 33 | by 1/6 | 3 phases | 3 x 25 | 5 x 4,0 | ~ 180 | ~ 250 |
| 18 kW | 100 – 67 – 33 | by 1/6 | 3 phases | 3 x 32 | 5 x 6,0 | ~ 220 | ~ 310 |
| 21 kW | 100 – 67 – 33 | by 1/6 | 3 phases | 3 x 40 | 5 x 6,0 | ~ 260 | ~ 360 |
| 24 kW | 100 – 67 – 33 | by 1/6 | 3 phases | 3 x 40 | 5 x 10,0 | ~ 300 | ~ 400 |
| 27 kW | 100 – 67 – 33 | by 1/6 | 3 phases | 3 x 50 | 5 x 16,0 | ~ 220 - 380 | |
| 30 kW | 100 – 67 – 33 | by 1/6 | 3 phases | 3 x 50 | 5 x 16,0 | ~ 240 - 400 | |
| 33 kW | 100 – 67 – 33 | by 1/6 | 3 phases | 3 x 50 | 5 x 16,0 | ~ 260 - 450 | |
| 36 kW | 100 – 67 – 33 | by 1/6 | 3 phases | 3 x 63 | 5 x 16,0 | ~ 280 - 480 | |
| 39 kW | 100 – 67 – 33 | by 1/6 | 3 phases | 3 x 80 | 5 x 25,0 | ~ 290 - 500 | |
| 42 kW | 100 – 67 – 33 | by 1/6 | 3 phases | 3 x 80 | 5 x 25,0 | ~ 300 - 520 | |
| 45 kW | 100 – 67 – 33 | by 1/6 | 3 phases | 3 x 80 | 5 x 25,0 | ~ 320 - 570 | |
| 48 kW | 100 – 67 – 33 | by 1/6 | 3 phases | 3 x 80 | 5 x 25,0 | ~ 340 - 600 | |

* Heated area A – boiler as main source of heat ** Heated area B – boiler as alternative source of heat

Exact cable cross section must be matched by qualified electrician based on local conditions analysis

Why boilers from Earth Save Products?

- We are an established company, stable, awarded multiple times;
- Our product line is the most comprehensive on the market;
- We use only renowned components from top suppliers;
- Our boilers are equipped with manual power reduction possibility (besides automatic one);
- We have installed quadruple overheating protection + safety valve;
- Our products are sold accross whole Europe;
- We try harder! 😊



ESP Electric Heating Boilers – more info

| | | | | | | | | | | | | |
|-----------|--------------|-----------|----------|-----------|----------|-----------|----------|--|--|--|--|--|
| | 15 kg | | | | | | | | | | | |
| 01 02 004 | ESP 4kW | 01 02 006 | ESP 6kW | 01 02 009 | ESP 9kW | 01 02 012 | ESP 12kW | | | | | |
| 01 02 015 | ESP 15kW | 01 02 018 | ESP 18kW | 01 02 021 | ESP 21kW | 01 02 024 | ESP 24kW | | | | | |

Height: 470mm, width: 255mm, depth: 200mm

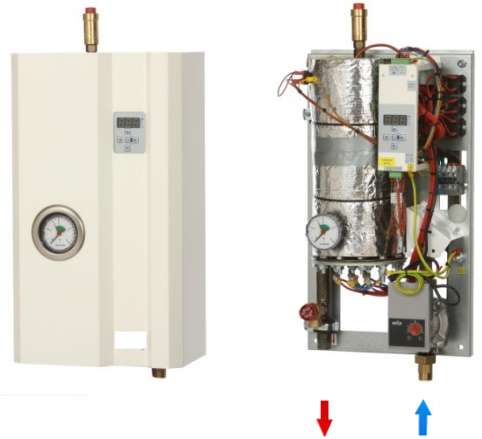
- AsP** - SilverLine series
- Compact dimensions
- Perfect as an alternative source of heat
- Cooperates with any other source of heat
- Cooperates with GSM and Wi-Fi controller
- Energy class D



| | | | | | | | | | | | | |
|-----------|-------------|-----------|------------|-----------|------------|-----------|------------|--|--|--|--|--|
| | 18kg | | | | | | | | | | | |
| 01 03 004 | ESPBN 4kW | 01 03 006 | ESPBN 6kW | 01 03 009 | ESPBN 9kW | 01 03 012 | ESPBN 12kW | | | | | |
| 01 03 015 | ESPBN 15kW | 01 03 018 | ESPBN 18kW | 01 03 021 | ESPBN 21kW | 01 03 024 | ESPBN 24kW | | | | | |

Height: 530mm, width: 300mm, depth: 190mm, supply/return spacing: 165mm

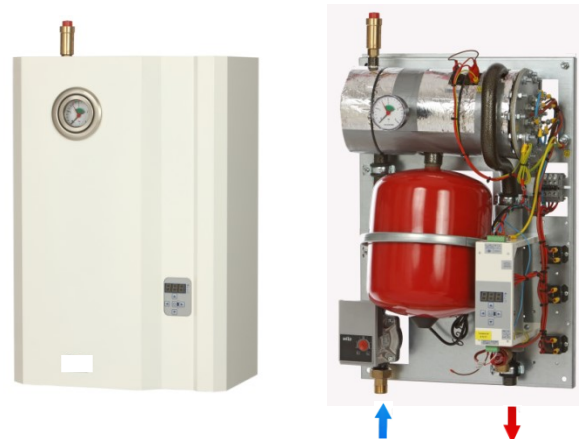
- AsBN** - SilverLine series
- Compact dimensions
- Perfect as an alternative source of heat
- Cooperates with any other source of heat
- Cooperates with GSM and Wi-Fi controller
- Energy class D



| | | | | | | | | | | | | |
|-----------|--------------|-----------|------------|-----------|------------|-----------|------------|--|--|--|--|--|
| | 24 kg | | | | | | | | | | | |
| 01 04 004 | ESPZN 4kW | 01 04 006 | ESPZN 6kW | 01 04 009 | ESPZN 9kW | 01 04 012 | ESPZN 12kW | | | | | |
| 01 04 015 | ESPZN 15kW | 01 04 018 | ESPZN 18kW | 01 04 021 | ESPZN 21kW | 01 04 024 | ESPZN 24kW | | | | | |

Height: 600mm, width: 410mm, depth: 260mm, supply/return spacing: 240mm

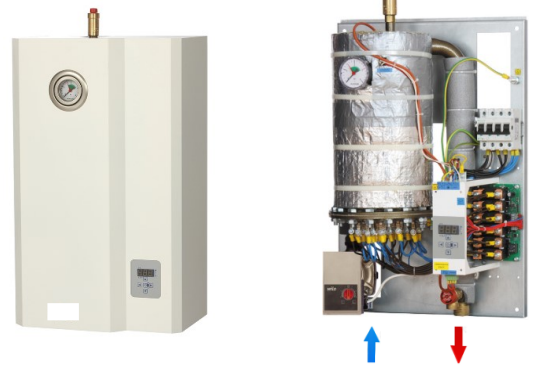
- AsZN** - SilverLine series
- Most popular boiler on the market
- The least expensive main source of heat
- Used frequently as an alternative source of heat
- Cooperates with any other source of heat
- Cooperates with GSM and Wi-Fi controller
- Energy class D



| | | | | | | | | | | | | | | | |
|-----------|--------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|
| | 31 kg | | | | | | | | | | | | | | |
| 01 06 027 | ESPBI 27kW | 01 06 030 | ESPBI 30kW | 01 06 033 | ESPBI 33kW | 01 06 036 | ESPBI 36kW | 01 06 039 | ESPBI 39kW | 01 06 042 | ESPBI 42kW | 01 06 045 | ESPBI 45kW | 01 06 048 | ESPBI 48kW |

Height: 680mm, width: 410mm, depth: 270mm, supply/return spacing: 225mm

- AsBI - SilverLine series**
- The least expensive boiler with increased power
- Dedicated to heat larger buildings
- Can be part of larger cascades up to 31 boilers**
- Cooperates with GSM and Wi-Fi controllers
- Energy class D



| | | | | | | | | | | | | | | | |
|-----------|----------------|-----------|----------------|-----------|---------------|-----------|---------------|--|---------------|-----------|----------------|-----------|---------------|-----------|---------------|
| | 24 kg | | | | | | | | | | | | | | |
| 01 15 104 | ESPC 4kW/6,2kW | 01 15 106 | ESPC 6kW/6,2kW | 01 15 404 | ESPC 4kW/15kW | 01 15 406 | ESPC 6kW/15kW | 01 15 409 | ESPC 9kW/15kW | 01 15 412 | ESPC 12kW/15kW | 01 15 504 | ESPC 4kW/18kW | 01 15 506 | ESPC 6kW/18kW |
| 01 15 509 | ESPC 9kW/18kW | 01 15 512 | ESPC 12kW/18kW | 01 15 604 | ESPC 4kW/21kW | 01 15 606 | ESPC 6kW/21kW | Trade dress W. 126541 Compact combi electric heating boiler | | | | | | | |
| 01 15 609 | ESPC 9kW/21kW | 01 15 612 | ESPC 12kW/21kW | | | | | | | | | | | | |

Height: 700mm, width: 540mm, depth: 265mm, supply/return spacing: 100mm

- AsC - SilverLine series**
- Electric heating boiler with build-in instantaneous flow heater
- Modern heating block with several power variants
- No need to install additional domestic hot water tank
- Cost and space saving compared to boiler + tank solution
- Cooperates with GSM and Wi-Fi controllers
- Energy class D



| | | | | | | | | | | | | | | | |
|-----------|------------------|-----------|------------------|-----------|-----------------|-----------|-----------------|--|-----------------|-----------|------------------|-----------|-----------------|-----------|-----------------|
| | 24 kg | | | | | | | | | | | | | | |
| 01 18 104 | ESPC-W 4kW/6,2kW | 01 18 106 | ESPC-W 6kW/6,2kW | 01 18 404 | ESPC-W 4kW/15kW | 01 18 406 | ESPC-W 6kW/15kW | 01 18 409 | ESPC-W 9kW/15kW | 01 18 412 | ESPC-W 12kW/15kW | 01 18 504 | ESPC-W 4kW/18kW | 01 18 506 | ESPC-W 6kW/18kW |
| 01 18 509 | ESPC-W 9kW/18kW | 01 18 512 | ESPC-W 12kW/18kW | 01 18 604 | ESPC-W 4kW/21kW | 01 18 606 | ESPC-W 6kW/21kW | Trade dress W. 126541 Compact combi electric heating boiler | | | | | | | |
| 01 18 609 | ESPC-W 9kW/21kW | 01 18 612 | ESPC-W 12kW/21kW | | | | | | | | | | | | |

Height: 700mm, width: 540mm, depth: 265mm, supply/return spacing: 100mm

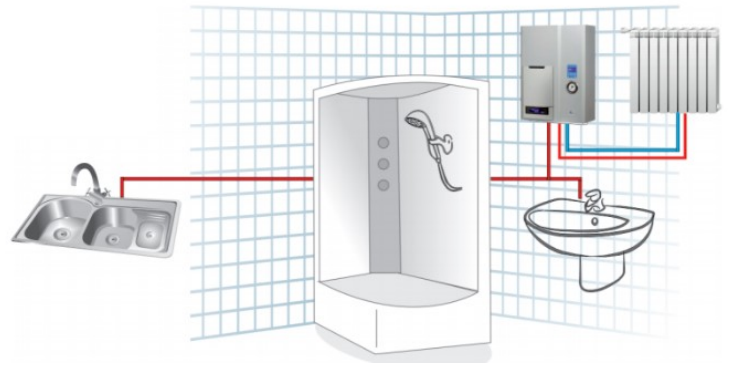
- AsC-W – GoldLine series**
- Main source of heat with more advanced automatics
- Idealny do współpracy z ogrzewaniem podłogowym
- Electric heating boiler with build-in instantaneous flow heater
- Modern heating block with several power variants
- No need to install additional domestic hot water tank
- Cost and space saving compared to boiler + tank solution
- Cooperates with GSM and Wi-Fi controllers
- Energy class D



Sample Combi Boiler connection schematics



Smaller (6,2kW) units for 2 plumbing fixtures

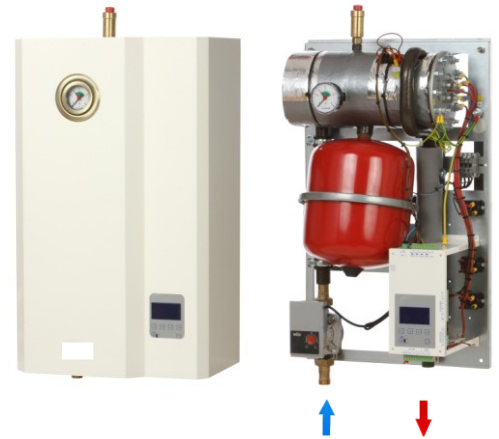


Bigger (15, 18 i 21kW) units for several plumbing fixtures

| | | | | | | | | | | | | |
|-----------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|--|--|--|--|--|
| | 24 kg | | | | | | | | | | | |
| 01 07 004 | ESPZN-W 4kW | 01 07 006 | ESPZN-W 6kW | 01 07 009 | ESPZN-W 9kW | 01 07 012 | ESPZN-W 12kW | | | | | |
| 01 07 015 | ESPZN-W 15kW | 01 07 018 | ESPZN-W 18kW | 01 07 021 | ESPZN-W 21kW | 01 07 024 | ESPZN-W 24kW | | | | | |

Height: 680mm, width: 410mm, depth: 270mm, supply/return spacing: 225mm

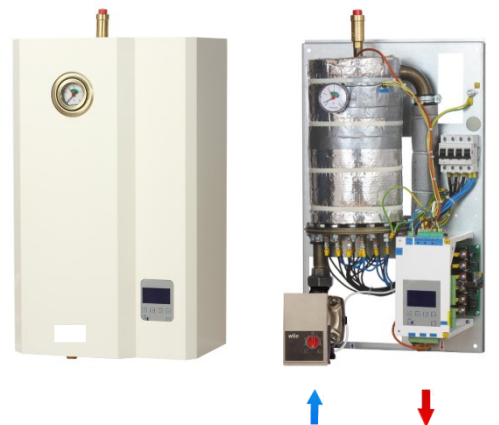
- ESPZN-W- GoldLine**
- Main source of heat with more advanced automatics
- Perfect for cooperation with underfloor heating
- Build-in weather compensation control
- Build-in weekly CH programming
- Cooperates with GSM and Wi-Fi controllers
- Energy class D



| | | | | | | | | | | | | |
|-----------|--------------|-----------|-------------|---------------------------------------|------------|-----------|------------|--|--|--|--|--|
| | 31 kg | | | | | | | | | | | |
| 01 10 027 | ESPBI 27kW | 01 10 030 | ESPBI 30kW | 01 10 033 | ESPBI 33kW | 01 10 036 | ESPBI 36kW | | | | | |
| 01 10 039 | ESPBI 39kW | 01 10 042 | ESPBI 42kW | 01 10 045 | ESPBI 45kW | 01 10 048 | ESPBI 48kW | | | | | |
| 01 10 054 | ESPBI 54kW | 01 10 060 | ESPBI 60kW | 01 10 066 | ESPBI 66kW | 01 10 072 | ESPBI 72kW | | | | | |
| 01 10 096 | ESPBI 96kW | 01 10 144 | ESPBI 144kW | Greater powers available upon request | | | | | | | | |

Single boiler dimensions: 680mm, width: 410mm, depth: 270mm, supply/return spacing: 225mm

- ESPBI - GoldLine series**
- Boiler with increased power and more advanced automatics
- Dedicated to heat larger buildings
- Can be part of larger cascades up to 31 boilers** (see below)
- One electric heating boiler has maximum 48kW**
- Build-in weather compensation control
- Build-in weekly CH programming
- Build-in weekly DHW programming (optional)
- Cooperates with GSM and Wi-Fi controllers
- Energy class D



Each boiler needs to be individually connected to electric switchboard

Electric switchboard and power cable are not included in cascade set

See also BIV model below for higher operating temperatures and increased performance requirements

Other configurations and larger sets can also be produced

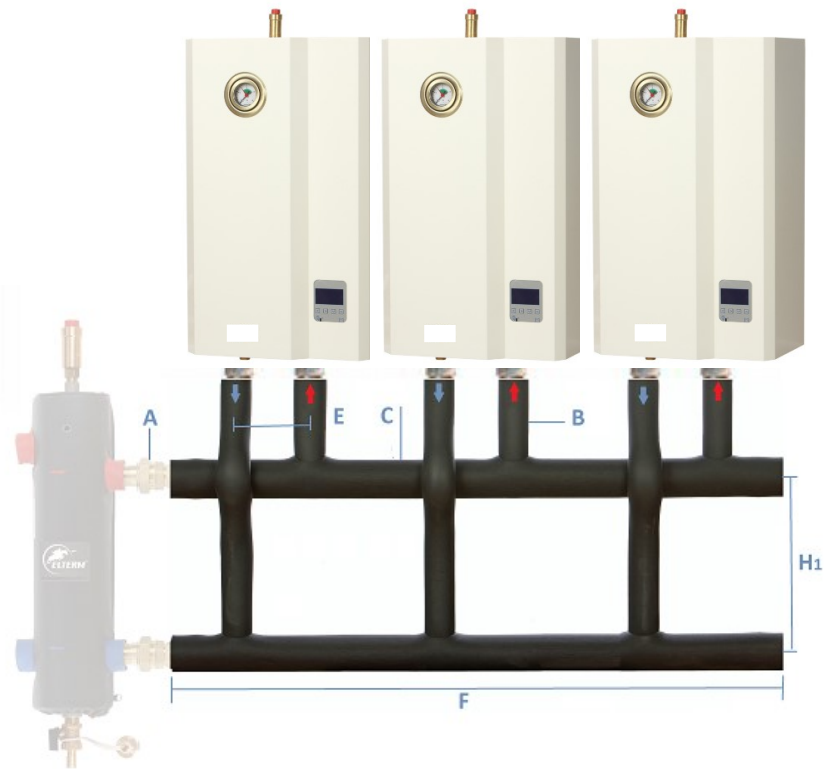
There is a possibility to produce insulated version of connecting set as well

Low loss header (LLH) is not included in set, however strongly recommended to install

Connecting sets for electric heating boiler cascades

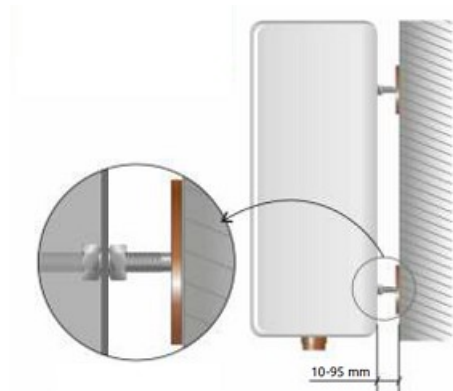
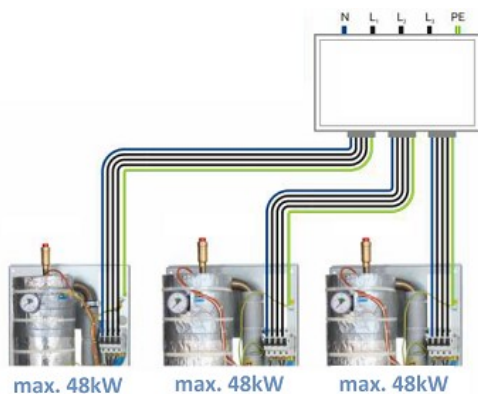
RS 485 communication interface enables connecting up to 31 units – **power up to 1,5MW**

(see below schematics and data for hydraulic and electrical connection)



| Connecting set | Boilers qty | Item code | A | B | C | H ₁ mm | E mm | F mm | Insulated LLH |
|----------------|-------------|-----------|----------|---------|------|-------------------|------|------|---------------|
| Up to 66 kW | 2 | 05 04 070 | 1¼" ext. | 1" ext. | 6/4" | 340 | 235 | 1010 | 04 02 070 |
| Up to 96 kW | 2 | 05 04 100 | 1½" ext. | 1" ext. | 6/4" | 340 | 235 | 1010 | 04 02 100 |
| Up to 144 kW | 3 | 05 05 156 | 2" ext. | 1" ext. | 2" | 400 | 235 | 1515 | 04 02 156 |

* Each connecting set contains distance screws to hang boiler and pipe unions to connect boilers and low loss header (LLH not included in set)



| Cascade power | Boilers qty. | Item code | Power modulation | Power supply 400V | Safety fuses (A) | Power cord (mm ²) |
|---------------|-----------------|-----------|------------------|-------------------|------------------|-------------------------------|
| 66 kW | 33 + 33 kW | 01 10 066 | by 1/6 | 3 phases | 3 x 125 | 5 x 50 |
| 96 kW | 48 + 48 kW | 01 10 096 | by 1/6 | 3 phases | 3 x 160 | 5 x 70 |
| 144 kW | 48 + 48 + 48 kW | 01 10 144 | by 1/6 | 3 phases | 3 x 240 | 5 x 120 |

* Exact cable cross section must be matched by qualified electrician based on local conditions analysis.

| | | | | | | | | | | | | | | | |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|
| | 25 kg | | | LED | | | | | | | | | | | |
| 01 14 004 | ESPHZ 4kW | 01 14 006 | ESPHZ 6kW | 01 14 009 | ESPHZ 9kW | 01 14 012 | ESPHZ 12kW | 01 14 015 | ESPHZ 15kW | 01 14 018 | ESPHZ 18kW | 01 14 021 | ESPHZ 21kW | 01 14 024 | ESPHZ 24kW |

Height: 680mm, width: 410mm, depth: 270mm, supply/return spacing: 225mm

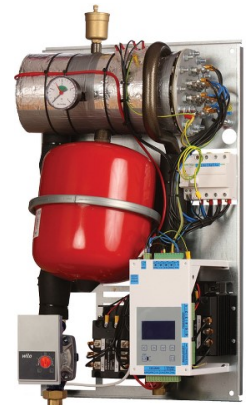
- ESPHZ** - RedLine series - dedicated to industrial use
- Least expensive boiler – smaller powers
- Operation temperature up to 90°C**
- Increased components durability
- Additional protective and cooling equipment
- Cooperates with GSM and Wi-Fi controllers
- Energy class D



| | | | | | | | | | | | | | | | |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|
| | 25 kg | | | OPCJA | LCD | | | | | | | | | | |
| 01 17 004 | ESPHN 4kW | 01 17 006 | ESPHN 6kW | 01 17 009 | ESPHN 9kW | 01 17 012 | ESPHN 12kW | 01 17 015 | ESPHN 15kW | 01 17 018 | ESPHN 18kW | 01 17 021 | ESPHN 21kW | 01 17 024 | ESPHN 24kW |

Height: 680mm, width: 410mm, depth: 270mm, supply/return spacing: 225mm

- ESPHN** - RedLine series – dedicated to industrial use
- More advanced automatics
- Build-in weather compensation control
- Build-in weekly CH programming
- Operation temperature up to 90°C**
- Increased components durability
- Additional protective and cooling equipment
- Cooperates with GSM and Wi-Fi controllers
- Energy class D















| | | | | | | | | | | | | | | | |
|-----------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|--------------|
| | 33 kg | | | LED | | | | | | | | | | | |
| 01 16 027 | ESPBIII 27kW | 01 16 030 | ESPBIII 30kW | 01 16 033 | ESPBIII 33kW | 01 16 036 | ESPBIII 36kW | 01 16 039 | ESPBIII 39kW | 01 16 042 | ESPBIII 42kW | 01 16 045 | ESPBIII 45kW | 01 16 048 | ESPBIII 48kW |

Height: 680mm, width: 410mm, depth: 270mm, supply/return spacing: 225mm

- ESPBIII** - RedLine series - dedicated to industrial use
- Least expensive boiler with increased power
- More advanced automatics
- Dedicated to heat larger buildings
- Operating temperature up to 90°C**
- Increased components durability
- Additional protective and cooling equipment
- Cooperates with GSM and Wi-Fi controllers
- Energy class D



| | | | | | | | | | | | | | | | |
|--|--------------|---|---|---|---|---|---|---|---|---|---|---|-------------|-----------|-------------|
|  | 33 kg |  |  |  |  |  |  |  |  |  |  |  | | | |
| 01 20 027 | ESPBIV 27kW | 01 20 030 | ESPBIV 30kW | 01 20 033 | ESPBIV 33kW | 01 20 036 | ESPBIV 36kW | 01 20 039 | ESPBIV 39kW | 01 20 042 | ESPBIV 42kW | 01 20 045 | ESPBIV 45kW | 01 20 048 | ESPBIV 48kW |
| 01 20 054 | ESPBIV 54kW | 01 20 060 | ESPBIV 60kW | 01 20 066 | ESPBIV 66kW | 01 20 072 | ESPBIV 72kW | Greater powers available upon request | | | | | | | |
| 01 20 096 | ESPBIV 96kW | 01 20 144 | ESPBIV 144kW | | | | | | | | | | | | |

Single boiler dimensions: 680mm, width: 410mm, depth: 270mm, supply/return spacing: 225mm

-  **ESPBIV- RedLine series - dedicated to industrial use**
-  More advanced automatics
-  Build-in weather compensation control
-  Build-in weekly CH programming
-  Dedicated to heat larger buildings
-  **Operating temperature up to 90°C**
-  **Can be part of larger cascades up to 31 boilers**
-  **One electric heating boiler has maximum 48kW**
-  Increased components durability
-  Additional protective and cooling equipment
-  Cooperates with GSM and Wi-Fi controllers
-  Energy class D



Please check pages 10-11 for ESPBIV cascade connecting sets and electrical connection guidance

Most updated information available always at www.earthsaveproducts.com



EarthSaveProducts
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