Natural sustainability
Grounded in our technology

Heating, cooling and hot water with geothermal energy
Our land yields plenty of goodness: carrots, radishes, basil, chives, bell peppers and much more. It even takes care of us in winter – our heat pump uses energy from the ground to keep us warm indoors.

Comfort through technology
Giving the future a green light

Renewables help to determine where our energy will come from in the future. More and more people are recognising the benefits of green electricity for their homes. We too see electricity as the energy source of the future.

Turning the tide ourselves

Power companies, politicians and society have been seeking viable alternatives to fossil fuels for a long time. Fossil fuels are exhaustible resources that pollute the environment. So why not simply tap into the heat contained in the sun, air, water and ground, and put it to use in your home?

You are bound to have some concerns about the energy efficiency of your house. Perhaps you would like to change to a futureproof energy supply. The largest energy consumer is your heating system: almost 80% of the energy you consume goes into heating and hot water. There is therefore great potential for an energy transition in your home.

www.stiebel-eltron.com/promise
Give yourself room to feel good

The temperature affects how healthy and alert you are. The temperature range in which you constantly feel at your energetic best is narrow. Our top of the range ground source heat pumps ensure a healthy room climate. If they are equipped with a cooling function, they even do so in summer as well. The appliance cools the heating water that flows through your underfloor heating system, which lowers the room temperature. This increases your living comfort and vitality.

Good reasons to enjoy your home comforts
› Pleasant room temperatures all year round
› Easier to relax and feel good
› Greater vitality and alertness
› Efficient heating and cooling in one appliance
Your energy efficiency on solid ground

It is constantly warm below the surface of the ground, even when it is bitterly cold outside. You can benefit from this fact with a ground source heat pump. Using liquid brine, the heat pump collects heat from the ground and converts it into energy for heating and hot water.

The ratio of heating output to the required electricity input is measured in heat pumps by the “coefficient of performance” (COP). Your ground source heat pump from STIEBEL ELTRON achieves a COP of up to five. This means that even at temperatures below freezing, it generates up to five parts heat from one part electricity. Since your geothermal probe is installed 40 to 100 metres deep in the ground, the surface area required is comparatively small.

Inverter technology – keeping a good balance
Conventional heat pumps are either on or off. By contrast, our heat pumps with inverter technology are much more sophisticated. They expertly deliver precisely the output needed throughout your home for a comfortable indoor environment. This is not only more energy efficient, but also much less noisy. This is because the fan and compressor operate, on average, with a lower output and are consequently much quieter.

Green technology with impressive properties
› Output is continuously matched to your requirements
› Higher efficiency in the partial load range
› Very quiet
› Top technology developed from many years of experience
› Improved heating output and efficient energy consumption

Inverter technology compared to conventional heat pumps

Uncomfortable

Comfortable room temperature

Uncomfortable

Target value  Inverter  Conventional heat pumps (on/off appliances)
Make the best choice for all your plans

Whether you are working on a new build or a modernisation project, you will find the right solution for every application in our range of ground source heat pumps. Our appliances are suitable for detached houses, apartment buildings and commercial premises, as they are powerful and highly efficient.

Ground source heat pumps

<table>
<thead>
<tr>
<th>Model</th>
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1) For system and country-specific compatibility and availability, please note the information at: www.stiebel-eltron.de/iotcompatibility.
2) WPF 13 M only
3) WPF Set (S) only.
Model HPG-I CS
Premium

Model HPG-I S
Premium

Model HPG-I DCS
Premium

Model HPG-I DS
Premium

WPF cool

WPF WPC cool

WPC S

WPF M

WPF Set

Energy efficiency class, W55/W35
A+++/A+++ A+++/A+++ A+++/A+++ A+++/A+++ A++/A++

Apartment building

Non-residential building

New build | modernisation

ISG-capable | option for:
– PV self-consumption
– mobile control

Heating | cooling

Integral DHW cylinder

Indoor installation

Outdoor installation

Can be combined with other heat generators

Product class
Premium Premium Premium Premium Plus

Plus

Plus

Plus

Trend

Premium

Plus

Plus

Plus

Plus
Open your door to comfortable living

HPG-I CS Premium inverter ground source heat pump

Boost your home comforts with this ground source heat pump. The appliance with inverter technology draws heat from the ground for your heating and hot water system. We also offer a version that provides passive cooling for your house as and when required. In both summer and winter, this ingenious piece of engineering elevates your living comfort to new levels, thanks to its consistent heating output with high flow temperatures.

Make the most of this all-rounder
One of our five output sizes will be just right for you, whether it’s for a new building or a modernisation project. The inverter technology guarantees you the exact heating output you want at any given time. This reduces your energy consumption to a minimum, saves you money and even optimises your room climate – all at the same time.

Top product features
› Ground source heat pump installed indoors for heating, with cooling as an optional extra
› Optimum output and maximum efficiency thanks to inverter technology
› Futureproof and eco-friendly refrigerant
› Optional integration into the home network and control via smartphone
› Model also available without cooling function (HPG-I S)

This product is available in various designs.
Feel the warm glow of a sustainable future

HPG-I DCS Premium inverter ground source heat pump

This heat pump allows you to combine comfort and function in one solution. It uses energy from the ground to heat your central heating water and domestic hot water, plus it contains a DHW cylinder. The inverter technology is so efficient at all times of the year that you save energy and reduce your heating bill. Choosing the passive cooling option gives you an economical alternative that lets you enjoy perfect living comfort even on hot days.

**Doing well for the environment**

The eco-friendly and safe refrigerant also contributes to a good domestic energy balance. Furthermore, you’re all set for a good night’s sleep thanks to the appliance’s especially low sound levels.

**Top product features**

› Ground source heat pump installed indoors for heating, with cooling as an optional extra
› Compact design saves space
› Optimum output and maximum efficiency thanks to inverter technology
› Futureproof and eco-friendly refrigerant
› Optional integration into the home network and control via smartphone
› Model also available without cooling function (HPG-I DS)

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This product is available in various designs.
Place your trust in an absolute top performer

WPF cool ground source heat pump

This high performing appliance is exceptionally proficient: it provides your house with a highly efficient supply of heat and hot water. What’s more, you can combine it with any of our DHW cylinders. Your qualified contractor will install the appliance quickly and easily, as all key components are already fitted.

**Advanced comfort control**
With an innovative heat pump manager, you have precise control over the comfort levels of your room climate at all times. The Touch-Wheel with easy to read display is simple and intuitive to use.

**Enjoy summer indoors too**
The passive cooling function uses the geothermal probe for cooling in summer. Spreading that feel-good factor even further.

**Top product features**
- Indoor heat pump for room heating
- Also suitable for larger buildings
- Low energy costs due to exemplary efficiency
- Excellent COP through optimally matched components and high grade technology
- Model also available without cooling function (WPF)

This product is available in various designs.
Superb performance on a minimal footprint

WPC cool ground source heat pump

This great all-rounder gives your efficiency levels a real boost. The appliance gives you a COP of up to five. It is designed to be space saving and comes with all the most important components built in, such as a DHW cylinder with 200 litre capacity. With this heat pump, you therefore save both money and space.

**Functional design**
The heat pump manager is controlled via the backlit display screen and the convenient, intuitive Touch-Wheel. This feature is just as unobtrusive as the timelessly simple design.

**Apply the cool logic of technology**
This cool version of your heat pump is also all about efficiency. It allows you to use the consistent temperatures of the ground for a pleasantly cool room climate in the summer.

**Top product features**
- Ground source heat pump installed indoors for room heating and DHW heating
- Compact solution with key components integrated to save space
- High DHW convenience thanks to high flow temperatures of up to 65 °C
- Low energy costs due to exemplary efficiency
- Excellent COP through optimally matched components and high grade technology
- Model also available without cooling function (WPC S)

This product is available in various designs.
A solution that lives up to your expectations

WPF M ground source heat pump

This ingenious universal appliance grows with your needs. It is small enough to do reliable service in your detached house. And it is sufficiently powerful to offer you a substantial heating output in buildings with a high energy demand as well.

Double the benefit with a practical duo
If you’re after something practical for your commercial building, we recommend the WPF Set. It comes with all the necessary components such as controllers and hydraulics. The set comprises two heat pumps in a cascade.

Top product features
› Indoor heat pump for room heating
› Can be installed almost anywhere with three output sizes and cascade connection
› Suitable for standard radiators with flow temperatures of up to 60 °C
› Pleasantly quiet operation
Quality that packs a punch

WPE-I H 400 Premium inverter ground source heat pump

This premium heat pump lives up to the quality implied in its name and gives its all throughout your home. Used in a cascade, it can even supply apartment buildings and commercial premises with large volumes of central heating water and domestic hot water. Thanks to inverter technology, you can use the appliance in a very versatile way and have the convenient option to control it via smartphone.

Discretion you can count on

We have designed this all-rounder to be so robust that it will give you many years of reliable service, yet still blend quietly into the background. You can control your appliance easily and accurately with the handy colour touchscreen.

Top product features

› Ground source heat pump installed indoors for room heating and DHW heating
› Suitable for cascades with high output requirements
› Optimum output and maximum efficiency thanks to inverter technology
› High DHW convenience thanks to high flow temperature of up to 65 °C
› Low energy costs due to exemplary efficiency
› Particularly quiet operation
› Optional integration into the home network and control via smartphone
Think big – go small

WPF HT ground source heat pump

This compact heat pump meets your expectations of heating technology in large residential complexes, commercial premises and industrial buildings. As it can be installed either indoors or out, it is highly flexible. You need even less space if you install two appliances one on top of the other.

Clever combinations
Combined with a suitable appliance, your heat pump cascade can be put to excellent use to provide hot water. The high flow temperatures ensure that your level of DHW convenience remains consistently high.

Top product features
› Ground source heat pump for heating; suitable for indoor or outdoor installation
› Outdoor installation for more indoor space
› Suitable for new build and modernisation projects
› Suitable for cascades with high output requirements
› Suitable for large residential complexes, commercial premises and industrial buildings
› Can be stacked to save space
› High DHW convenience thanks to high flow temperature of up to 75 °C
› Pleasantly quiet operation
› Web-based control with Service Gateway via computer
› Model also available in other output ratings (WPF 20-66)

This product is available in various designs.
Customise your equipment to suit your requirements

With our extensive range of accessories, you can tailor your level of comfort to suit your requirements. Regardless of whether you are using individual appliances or complex systems – we can supply you with everything from one source. All our components are perfectly matched to each other so that you can continue to enjoy your STIEBEL ELTRON products for many years to come.

WPMsystem

› Heat pump manager (WPM)
› With integral programming unit
› For controlling extensive functions

› Extension controller (WPE)
› To control additional functions
› With universal differential controller
› Integration of a stove possible

› Touch-Wheel remote control (FET)
› To set the exact comfort temperature you require
› With illuminated graphic display
› Shows the room temperature, room humidity, time and outside temperature
<table>
<thead>
<tr>
<th>Model</th>
<th>HPG-I 04 CS</th>
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<th>HPG-I 08 CS</th>
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### Ground source heat pump product comparison

#### Model: HPG-1 04 DS
- **Product number**: 202622
- **Energy efficiency category, average climate, W55/W35**: A+++/A+++  
- **Output at B0/W35 (EN 14511)**: 4.77 kW
- **Coefficient of performance at B0/W35 (EN 14511)**: 4.5
- **SCOP (EN 14825)**: 4.925
- **Sound power level (EN 12102)**: 43 dB(A)
- **Max. heating flow temperature**: 65 °C
- **Height/Width/Depth**: 1937/600/703 mm
- **Weight**: 265 kg
- **Product class**: Premium

#### Model: HPG-1 06 DS
- **Product number**: 202623
- **Energy efficiency category, average climate, W55/W35**: A+++/A+++  
- **Output at B0/W35 (EN 14511)**: 5.82 kW
- **Coefficient of performance at B0/W35 (EN 14511)**: 4.8
- **SCOP (EN 14825)**: 5.325
- **Sound power level (EN 12102)**: 43 dB(A)
- **Max. heating flow temperature**: 65 °C
- **Height/Width/Depth**: 1937/600/703 mm
- **Weight**: 265 kg
- **Product class**: Premium

#### Model: HPG-1 08 DS
- **Product number**: 202624
- **Energy efficiency category, average climate, W55/W35**: A+++/A+++  
- **Output at B0/W35 (EN 14511)**: 7.5 kW
- **Coefficient of performance at B0/W35 (EN 14511)**: 4.84
- **SCOP (EN 14825)**: 5.325
- **Sound power level (EN 12102)**: 47 dB(A)
- **Max. heating flow temperature**: 65 °C
- **Height/Width/Depth**: 1937/600/703 mm
- **Weight**: 265 kg
- **Product class**: Premium

#### Model: HPG-1 10 DS
- **Product number**: 202625
- **Energy efficiency category, average climate, W55/W35**: A+++/A+++  
- **Output at B0/W35 (EN 14511)**: 10.31 kW
- **Coefficient of performance at B0/W35 (EN 14511)**: 5.02
- **SCOP (EN 14825)**: 5.6
- **Sound power level (EN 12102)**: 48 dB(A)
- **Max. heating flow temperature**: 65 °C
- **Height/Width/Depth**: 1937/600/703 mm
- **Weight**: 275 kg
- **Product class**: Premium

#### Model: HPG-1 12 DS
- **Product number**: 202626
- **Energy efficiency category, average climate, W55/W35**: A+++/A+++  
- **Output at B0/W35 (EN 14511)**: 13.21 kW
- **Coefficient of performance at B0/W35 (EN 14511)**: 5.01
- **SCOP (EN 14825)**: 5.275
- **Sound power level (EN 12102)**: 49 dB(A)
- **Max. heating flow temperature**: 65 °C
- **Height/Width/Depth**: 1937/600/703 mm
- **Weight**: 275 kg
- **Product class**: Premium

#### Model: HPG-1 15 DS
- **Product number**: 202627
- **Energy efficiency category, average climate, W55/W35**: A+++/A+++  
- **Output at B0/W35 (EN 14511)**: 17.02 kW
- **Coefficient of performance at B0/W35 (EN 14511)**: 4.82
- **SCOP (EN 14825)**: 4.925
- **Sound power level (EN 12102)**: 53 dB(A)
- **Max. heating flow temperature**: 65 °C
- **Height/Width/Depth**: 1937/600/703 mm
- **Weight**: 192 kg
- **Product class**: Premium

#### Model: WPF 04 cool
- **Product number**: 232915
- **Energy efficiency category, average climate, W55/W35**: A+++/A+++  
- **Output at B0/W35 (EN 14511)**: 3 kW
- **Coefficient of performance at B0/W35 (EN 14511)**: 4.60
- **SCOP (EN 14825)**: 4.925
- **Sound power level (EN 12102)**: 43 dB(A)
- **Max. heating flow temperature**: 65 °C
- **Height/Width/Depth**: 1319/598/658 mm
- **Weight**: 175 kg
- **Product class**: Premium

#### Model: WPF 06 cool
- **Product number**: 232916
- **Energy efficiency category, average climate, W55/W35**: A+++/A+++  
- **Output at B0/W35 (EN 14511)**: 3.8 kW
- **Coefficient of performance at B0/W35 (EN 14511)**: 4.8
- **SCOP (EN 14825)**: 5.325
- **Sound power level (EN 12102)**: 43 dB(A)
- **Max. heating flow temperature**: 65 °C
- **Height/Width/Depth**: 1319/598/658 mm
- **Weight**: 165 kg
- **Product class**: Premium
## Ground source heat pump product comparison

<table>
<thead>
<tr>
<th>Model</th>
<th>WPC 04 cool</th>
<th>WPC 05 cool</th>
<th>WPC 07 cool</th>
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<td>dB(A)</td>
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<td>dB(A)</td>
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<td>Height/Width/Depth mm</td>
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<td>Sound pressure level at a distance of 1 m</td>
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<td>Height/Width/Depth mm</td>
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<td>Product class Premium/Plus/Trend</td>
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<td>-/n</td>
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</tr>
</tbody>
</table>
# Ground source heat pump product comparison

## Model WPE-I 33 H 400 Premium
- **Product number**: 201412
- **Energy efficiency category, average climate, W55/W35**: A+++ / A+++  
- **Heating output at B0/W35 (min/max)**: 10 - 33 kW
- **Output at B0/W35 (EN 14511)**: 20.18 kW
- **Coefficient of performance at B0/W35 (EN 14511)**: 4.73
- **SCOP (EN 14825)**: 5.55
- **Sound power level (EN 12102)**: 41 dB(A)
- **Max. heating flow temperature**: 65 °C
- **Height/Width/Depth**: 1723/692/803 mm
- **Weight**: 300 kg
- **Product class**: Premium / Plus / Trend

## Model WPE-I 44 H 400 Premium
- **Product number**: 201413
- **Energy efficiency category, average climate, W55/W35**: A+++ / A+++  
- **Heating output at B0/W35 (min/max)**: 11 - 44 kW
- **Output at B0/W35 (EN 14511)**: 26.71 kW
- **Coefficient of performance at B0/W35 (EN 14511)**: 4.60
- **SCOP (EN 14825)**: 5.65
- **Sound power level (EN 12102)**: 41 dB(A)
- **Max. heating flow temperature**: 65 °C
- **Height/Width/Depth**: 1723/692/803 mm
- **Weight**: 300 kg
- **Product class**: Premium / Plus / Trend

## Model WPE-I 59 H 400 Premium
- **Product number**: 201414
- **Energy efficiency category, average climate, W55/W35**: A+++ / A+++  
- **Heating output at B0/W35 (min/max)**: 14 - 59 kW
- **Output at B0/W35 (EN 14511)**: 35.6 kW
- **Coefficient of performance at B0/W35 (EN 14511)**: 4.50
- **SCOP (EN 14825)**: 5.19
- **Sound power level (EN 12102)**: 46 dB(A)
- **Max. heating flow temperature**: 65 °C
- **Height/Width/Depth**: 1723/692/803 mm
- **Weight**: 300 kg
- **Product class**: Premium / Plus / Trend

## Model WPE-I 87 H 400 Premium
- **Product number**: 201415
- **Energy efficiency category, average climate, W55/W35**: A+++ / A+++  
- **Heating output at B0/W35 (min/max)**: 21 - 87 kW
- **Output at B0/W35 (EN 14511)**: 52 kW
- **Coefficient of performance at B0/W35 (EN 14511)**: 4.71
- **SCOP (EN 14825)**: 5.17
- **Sound power level (EN 12102)**: 46 dB(A)
- **Max. heating flow temperature**: 65 °C
- **Height/Width/Depth**: 1723/692/803 mm
- **Weight**: 300 kg
- **Product class**: Premium / Plus / Trend

## Model WPF 27 HT
- **Product number**: 233009
- **Energy efficiency category, average climate, W55/W35**: A++ / A+++  
- **Output at B0/W35 (EN 14511)**: 27.41 kW
- **Coefficient of performance at B0/W35 (EN 14511)**: 4.34
- **SCOP (EN 14825)**: 4.58
- **Sound power level (EN 12102)**: 60 dB(A)
- **Sound pressure level at a distance of 1 m**: 44 dB(A)
- **Max. heating flow temperature**: 75 °C
- **Height/Width/Depth**: 1154/1242/860 mm
- **Weight**: 409 kg
- **Product class**: Premium / Plus / Trend

## Model WPF 20
- **Product number**: 233003
- **Energy efficiency category, average climate, W55/W35**: A++ / A+++  
- **Output at B0/W35 (EN 14511)**: 21.5 kW
- **Coefficient of performance at B0/W35 (EN 14511)**: 4.66
- **SCOP (EN 14825)**: 4.56
- **Sound power level (EN 12102)**: 56 dB(A)
- **Sound pressure level at a distance of 1 m**: 45 dB(A)
- **Max. heating flow temperature**: 60 °C
- **Height/Width/Depth**: 1154/1242/860 mm
- **Weight**: 345 kg
- **Product class**: Premium / Plus / Trend

## Model WPF 27
- **Product number**: 233004
- **Energy efficiency category, average climate, W55/W35**: A++ / A+++  
- **Output at B0/W35 (EN 14511)**: 29.69 kW
- **Coefficient of performance at B0/W35 (EN 14511)**: 4.85
- **SCOP (EN 14825)**: 5.28
- **Sound power level (EN 12102)**: 55 dB(A)
- **Sound pressure level at a distance of 1 m**: 46 dB(A)
- **Max. heating flow temperature**: 60 °C
- **Height/Width/Depth**: 1154/1242/860 mm
- **Weight**: 367 kg
- **Product class**: Premium / Plus / Trend

## Model WPF 35
- **Product number**: 233005
- **Energy efficiency category, average climate, W55/W35**: A++ / A+++  
- **Output at B0/W35 (EN 14511)**: 38.04 kW
- **Coefficient of performance at B0/W35 (EN 14511)**: 4.78
- **SCOP (EN 14825)**: 4.95
- **Sound power level (EN 12102)**: 58 dB(A)
- **Sound pressure level at a distance of 1 m**: 47 dB(A)
- **Max. heating flow temperature**: 60 °C
- **Height/Width/Depth**: 1154/1242/860 mm
- **Weight**: 391 kg
- **Product class**: Premium / Plus / Trend

## Model WPF 40
- **Product number**: 233006
- **Energy efficiency category, average climate, W55/W35**: A++ / A+++  
- **Output at B0/W35 (EN 14511)**: 43.1 kW
- **Coefficient of performance at B0/W35 (EN 14511)**: 4.67
- **SCOP (EN 14825)**: 5.2
- **Sound power level (EN 12102)**: 58 dB(A)
- **Sound pressure level at a distance of 1 m**: 47 dB(A)
- **Max. heating flow temperature**: 60 °C
- **Height/Width/Depth**: 1154/1242/860 mm
- **Weight**: 415 kg
- **Product class**: Premium / Plus / Trend

## Model WPF 52
- **Product number**: 233007
- **Energy efficiency category, average climate, W55/W35**: A++ / A+++  
- **Output at B0/W35 (EN 14511)**: 55.83 kW
- **Coefficient of performance at B0/W35 (EN 14511)**: 4.81
- **SCOP (EN 14825)**: 4.95
- **Sound power level (EN 12102)**: 58 dB(A)
- **Sound pressure level at a distance of 1 m**: 47 dB(A)
- **Max. heating flow temperature**: 60 °C
- **Height/Width/Depth**: 1154/1242/860 mm
- **Weight**: 539 kg
- **Product class**: Premium / Plus / Trend

## Model WPF 66
- **Product number**: 233008
- **Energy efficiency category, average climate, W55/W35**: A++ / A+++  
- **Output at B0/W35 (EN 14511)**: 67.1 kW
- **Coefficient of performance at B0/W35 (EN 14511)**: 4.56
- **SCOP (EN 14825)**: 4.95
- **Sound power level (EN 12102)**: 60 dB(A)
- **Sound pressure level at a distance of 1 m**: 50 dB(A)
- **Max. heating flow temperature**: 60 °C
- **Height/Width/Depth**: 1154/1242/860 mm
- **Weight**: 655 kg
- **Product class**: Premium / Plus / Trend
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