STIEBEL ELTRON

Warmth for your home
Energy for life

Room heating, cooling and hot water using heat from the air

EN

We love being at home and like things to be cosy. Green technology helps us to achieve this. The environment lends us a helping hand, too. Our heat pump draws in outdoor air and extracts the heat from it. We then use this for room heating, cooling and hot water.

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.

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 air 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

Bring a breath of fresh air to your home

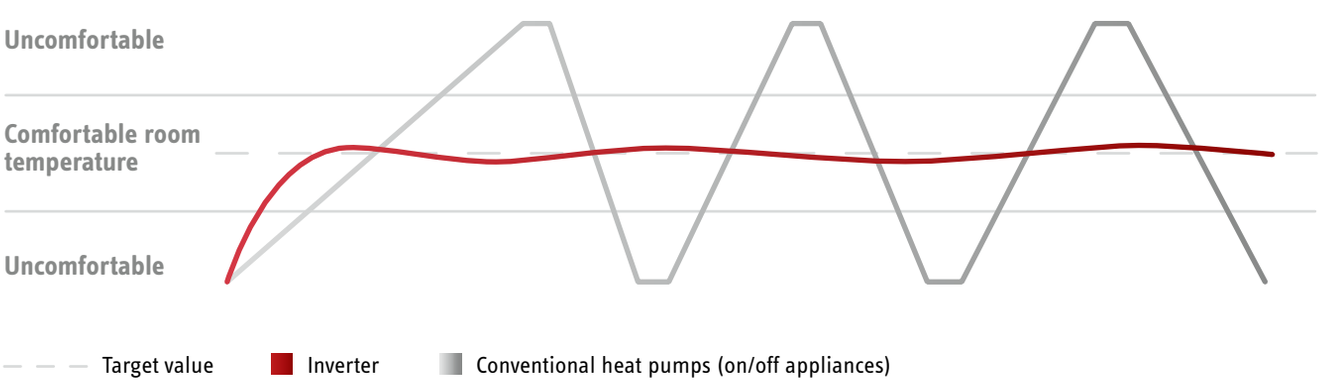
Your air source heat pump from STIEBEL ELTRON takes energy from the ambient air and converts it into usable heat for your home, even at icy temperatures of down to minus 25 °C. Depending on the model and your preferences, the appliance is sited outdoors and saves on energy, but not on output. As a result, you won't need a booster heater, even for high flow temperatures.

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



Make the best choice for all your plans

Installing an air source heat pump from STIEBEL ELTRON is a quick and easy job for your contractor. This makes our appliances an especially good choice if you need to replace an existing heating system as part of a modernisation project. Even for new homes, it's worth taking a look at our green technology – its efficiency means it is popular in properties ranging from new build to low energy houses.

Air source heat pumps with inverter technology

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Model	**WPL-A 05/07 HK Premium (230V)**	**WPL 25 AS/ACS (230V)**	**WPL 17 ACS Classic**
Energy efficiency class, W55/W35	A+++/A+++	A++/A+++	A++/A+++
Detached and two-family house	■	■	■
Apartment building	■	■	
Non-residential building			
New build | modernisation	■ | ■	■ | ■	■ | –
Option for PV self-consumption[1)]	■	■	■
Option for mobile control	■	■	■
Heating | cooling	■ | ■	■ | ■	■ | ■
Outdoor installation	■	■	■
Indoor installation			
Colour	White	White	White
Product class	Premium	Premium	Plus

[1)] For system and country-specific compatibility and availability, please note the information at: www.stiebel-eltron.com/iotcompatibility


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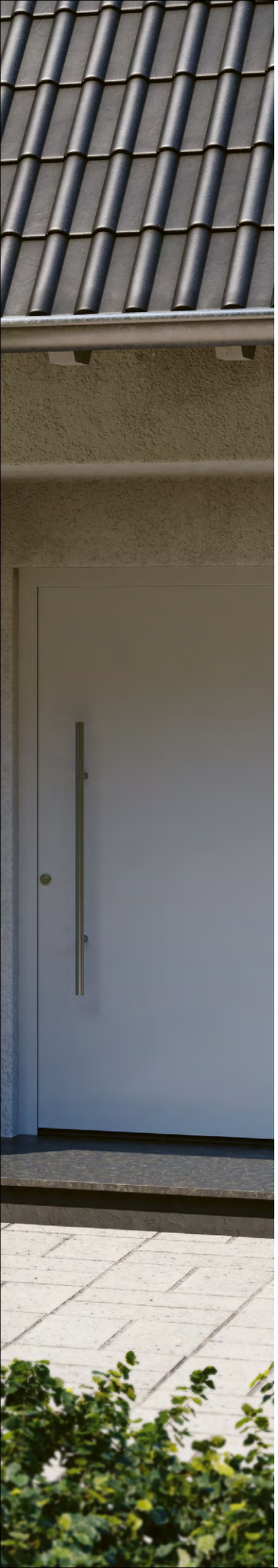


Create a pleasant climate all round

WPL-A Premium inverter air source heat pump

This air source heat pump doesn't just take care of your heating and hot water. In the summer months, it can also provide you with cooling. Even at very low outside temperatures of down to minus 25 °C, it achieves high flow temperatures for pleasant room heating and high DHW convenience. This inverter appliance therefore offers you a valuable service, no matter whether you are building a new home or modernising an older one.

Doing the environment a good turn

The models in this series are set up to use a particularly futureproof refrigerant. Combined with an excellent efficiency level, this heat pump raises your environmental conscience in building services to a new high.

Top product features

- Outdoor heat pump for room heating and cooling
- Inverter technology for high efficiency and low energy bills
- Low operating noise; can be further reduced in night mode ("silent mode" function)
- Flow temperatures of up to 75 °C for first rate DHW convenience
- Highest energy efficiency even when used with radiators
- Optional integration into the home network and control via smartphone (additional components required)

Outdoor installation

New build

Modernisation

Cooling

Efficient heating from a top performer

WPL 25 AS/ACS inverter air source heat pump

When outside temperatures are far below zero, you'd rather be indoors in a well heated room. Providing you with a warm and cosy interior is no problem for this outdoor air source heat pump. It continues to operate at maximum efficiency even when the mercury drops below freezing. Furthermore, thanks to high flow temperatures, you can even use the appliance to heat traditional radiators.

Top product features

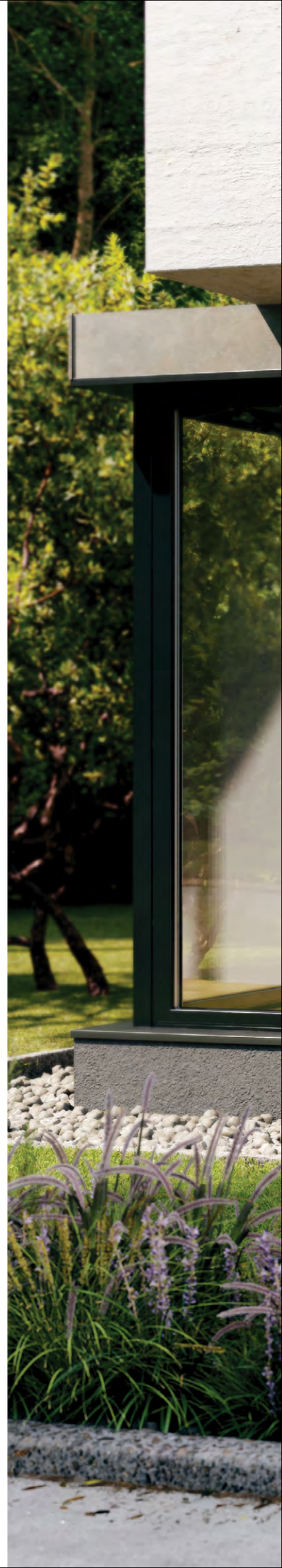
- Outdoor heat pump for room heating and cooling (C version)
- Outdoor heat pump for room heating
- Inverter technology for high efficiency and low energy bills
- Low operating noise; can be further reduced in night mode ("silent mode" function)
- Flow temperature of up to 65 °C for first rate DHW convenience
- High energy efficiency class A++/A+++ even when used with radiators
- Optional integration into the home network and control via smartphone (additional components required)

Outdoor installation

New build

Modernisation

Cooling

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Set a new standard in your new build

WPL Classic inverter air source heat pump

WPL Classic

Let's assume you're in the middle of building a detached house. You should take a look at this model. This appliance makes use of advanced inverter technology to deliver a pleasingly high level of efficiency.

Assured of the perfect supply
With its high quality equipment features, this heat pump ensures that you have the best possible supply of DHW in your home at all times. The cooling function is included. You can therefore provide yourself and your family with a refreshing level of living comfort even on hot days.

Top product features

- Outdoor heat pump for room heating and cooling
- Inverter technology for high efficiency and low energy bills
- Low operating noise; can be further reduced in night mode ("silent mode" function)
- Flow temperature of up to 60 °C for your DHW convenience
- Optional integration into the home network and control via smartphone (additional components required)

Outdoor installation

New build

Cooling

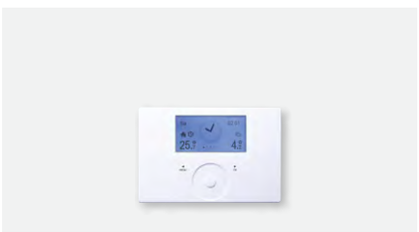
Customise your equipment to suit your requirements

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

- WPM international heat pump manager
- With integral programming unit
- For controlling extensive functions

- WPE extension controller
- To control additional functions
- With universal differential controller
- Integration of a stove possible



- FET Touch-Wheel remote control
- To set the exact comfort temperature you require
- With illuminated graphic display
- Shows the room temperature, room humidity, time and outside temperature

Air source heat pumps with inverter technology – product comparison

Model		WPL-A 05 HK Premium (230V)	WPL-A 07 HK Premium (230V)
Product number		**202669**	**200123**
Energy efficiency category, average climate, W55/W35		A+++/A+++	A+++/A+++
Output at A2/W35 (EN 14511)	kW	3.19	4.3
Coefficient of performance at A2/W35 (EN 14511)		4.6	4.3
Output at A-7/W35 (EN 14511)	kW	4.97	6.87
Coefficient of performance at A-7/W35 (EN 14511)		3.45	2.93
SCOP (EN 14825)		4.7	4.88
Cooling capacity at A35/W18	kW	6.86	10.15
Cooling capacity at A35/W18		3.84	2.87
Sound power level (EN 12102)	dB(A)	48	48
Refrigerant		R454 C	R454 C
Heat source min./max. application limits	°C	-25/40	-25/40
Max. heating flow temperature	°C	75	75
Height/Width/Depth	mm	900/1270/593	900/1270/593
Weight	kg	135	135
Product class Premium/Plus/Trend		■/–/–	■/–/–

Model		WPL 25 AS (230V)	WPL 25 ACS (230V)
Product number		**236642**	**236643**
Energy efficiency category, average climate, W55/W35		A++/A+++	A+++/A+++
Output at A2/W35 (EN 14511)	kW	8.33	8.33
Coefficient of performance at A2/W35 (EN 14511)		4.14	4.14
Output at A-7/W35 (EN 14511)	kW	12.86	12.86
Coefficient of performance at A-7/W35 (EN 14511)		2.98	2.98
SCOP (EN 14825)		4.76	4.53
Cooling capacity at A35/W18	kW	2.83	2.83
Cooling capacity at A35/W18		3.76	3.76
Sound power level (EN 12102)	dB(A)	54	54
Refrigerant		R410 A	R410 A
Heat source min./max. application limits	°C	-20/40	-20/40
Max. heating flow temperature	°C	65	65
Height/Width/Depth	mm	1045/1490/593	1045/1490/593
Weight	kg	175	175
Product class Premium/Plus/Trend		–/■/–	–/■/–

Model		WPL 17 ACS Classic
Product number		**235922**
Energy efficiency category, average climate, W55/W35		A++/A++
Output at A2/W35 (EN 14511)	kW	4.95
Coefficient of performance at A2/W35 (EN 14511)		3.7
Output at A-7/W35 (EN 14511)	kW	7.8
Coefficient of performance at A-7/W35 (EN 14511)		2.58
SCOP (EN 14825)		4.125
Cooling capacity at A35/W18	kW	3.6
Cooling capacity at A35/W18		2.68
Sound power level (EN 12102)	dB(A)	57
Refrigerant		R410A
Heat source min./max. application limits	°C	-20/35
Max. heating flow temperature	°C	60
Height/Width/Depth	mm	1892/893/833
Weight	kg	91
Product class Premium/Plus/Trend		–/■/–

Recharge your energy with ours

We need energy to live. As a family business, we endeavour to ensure that energy will still be available in tomorrow's world. That is why we advocate environmentally responsible and efficient building services that safeguard investment. We act for the future – yours and ours.

Since 1924, STIEBEL ELTRON has been synonymous with reliable solutions for domestic hot water, heating, ventilation and cooling. We maintain a clear focus in the energy debate: electricity, preferably harnessed from renewables, is the energy of the future. That is why we rely on approximately 3900 employees around the world for efficient heating solutions with green technologies.

From the design and manufacture of your appliance through to its maintenance, we systematically apply our expertise, strength of innovation and experience – gained from working with customers with high standards, such as yourself, and from the sale of more than two million appliances each year. We have the right solution to meet any requirement. Solutions designed to raise the level of convenience in your home today and still be up to date tomorrow.

You can see first hand our commitment to green technology by visiting the Energy Campus at our head office in Holzminden, Germany. This training and communication centre is our flagship project for sustainable and resource-efficient construction. It combines the highest standards of architectural and communication quality. As a PlusEnergy building, it generates more energy than it consumes. Come and experience what our name stands for – in theory and practice.

Comfort through Technology

Your local trade partner:

For new and interesting information on our products, visit www.stiebel-eltron.co.uk or consult your local trade partner.

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