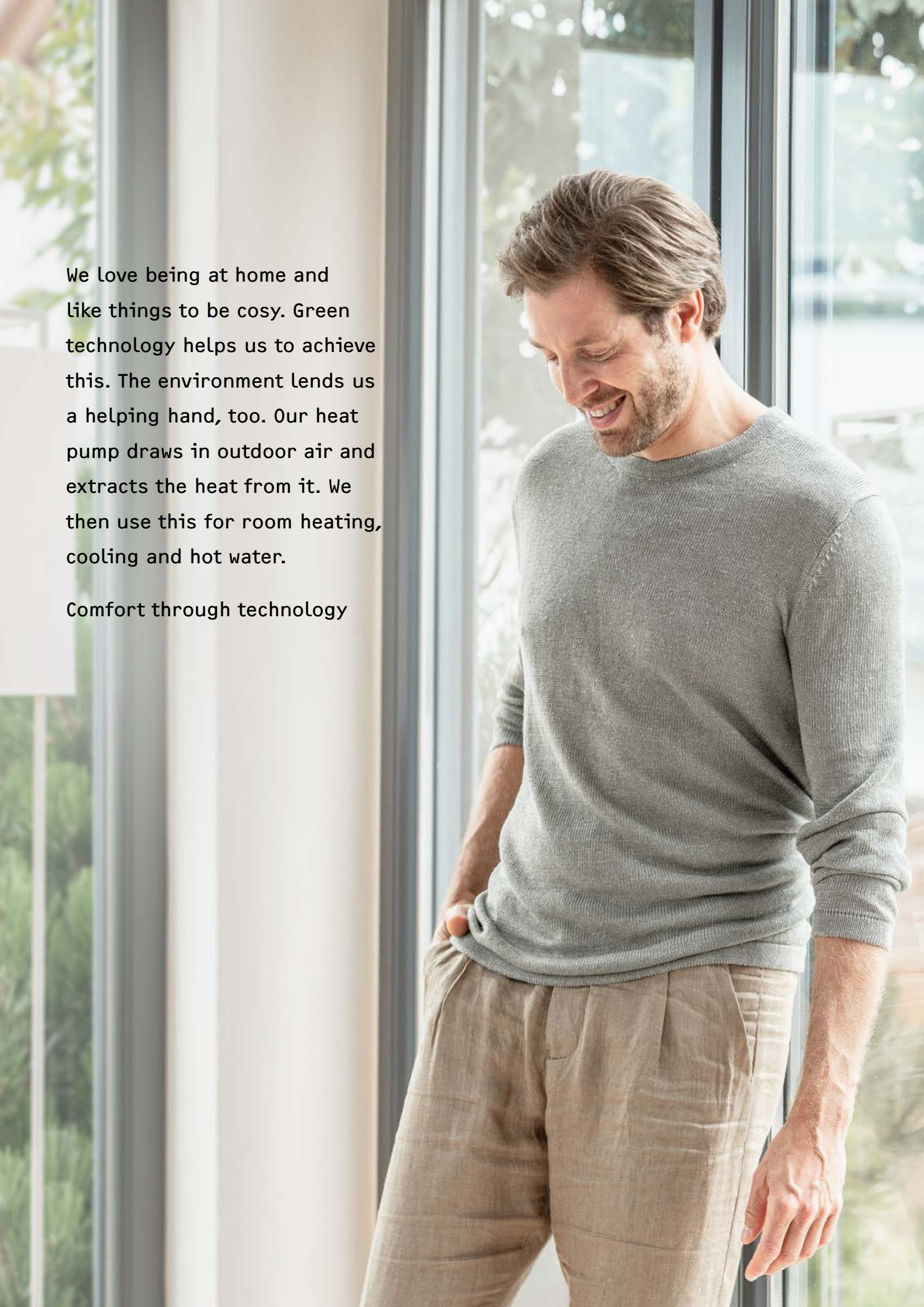
STIEBEL ELTRON

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

Give your personal energy transition a boost

Renewable energies are the key to a sustainable heat supply. With a heat pump, you not only improve your personal carbon footprint, but also create secure prospects for your home. That's the way to achieve sustainable wellbeing today.

Making your home energy efficient has become an important component in combating global climate change. There is enormous potential here to reduce energy costs and make the switch to heating with renewables. The biggest energy guzzler in residential buildings is the heating system. Almost 80 % of the energy you use goes on heating and hot water.

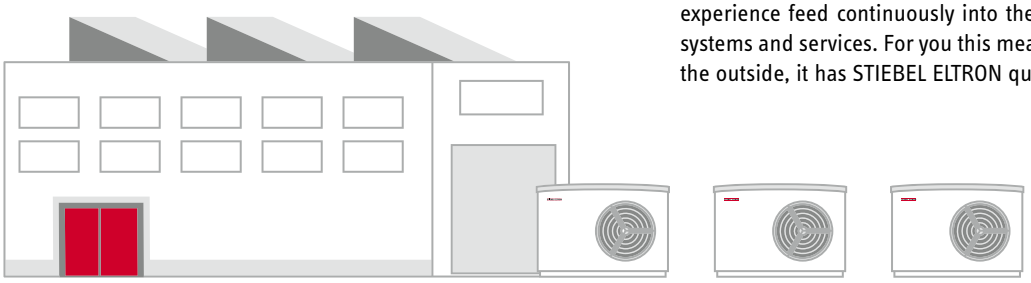
Set your sights on a futureproof supply
The time is up for using fossil fuels to generate heat. By facilitating a green transition for our blue planet with sustainable technologies, we are taking on our share of responsibility for future generations. A heat pump allows you to utilise renewable energy for hot water, heating, ventilation and cooling in your home. This improves your personal carbon footprint, makes you more independent and best of all: you don't lose the heating and hot water convenience you are used to. Powered by green electricity, the heat pump is simply unbeatable in terms of sustainability.

www.stiebel-eltron.com/promise

Heat pumps from STIEBEL ELTRON – here's why

Quality and durability

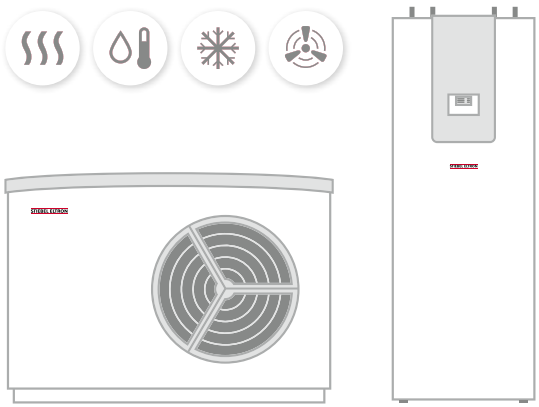
We have been developing and manufacturing heat pumps in our own production facilities in Germany with strict quality controls for almost 50 years. Since the beginning in 1976 in Holzminden, two German and four international heat pump production facilities have come online. With each of the 500,000 heat pumps we have put into use, we continue to learn and strive to always keep getting better. These many years of experience feed continuously into the development of our products, systems and services. For you this means: if it says STIEBEL ELTRON on the outside, it has STIEBEL ELTRON quality on the inside.



Efficiency

Thanks to their superior efficiency, our heat pumps cut down on both CO_2 emissions and energy costs. Based on an integrated concept, our heat pump sets are suitable for any home or property, and have been developed and tested for winters in our climate zone.

Even in existing buildings, they work efficiently at very low outside temperatures and supply everything your home needs: room heating and cooling as well as domestic hot water heating.



Flexibility

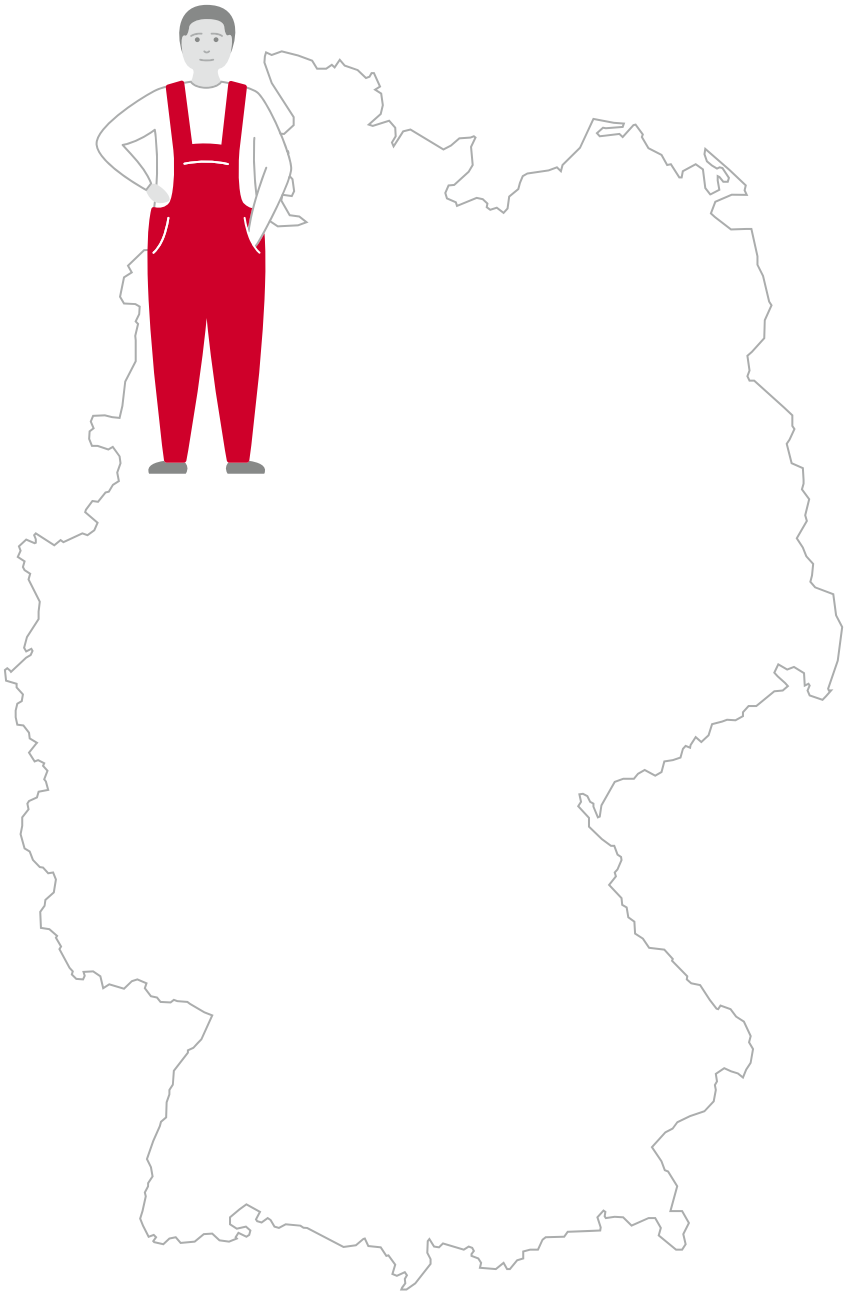
STIEBEL ELTRON offers highly efficient products and services for heating, cooling, ventilation and hot water in various different types of buildings. You decide whether your heat pump uses air, the ground or water as its energy source. As a result, you are assured of the right solution for every building, installation situation and feel-good temperature. STIEBEL ELTRON heat pumps are so quiet that your neighbours will love them too. Our heat pumps and hot water cylinders come with many components already integrated. This not only saves time during installation, but also reduces the space requirement and keeps the boiler room tidy.

For efficient use of your PV power, our heat pumps can be combined with any PV system and battery storage unit. You can choose from any PV manufacturer and PV system and benefit from intelligent energy management.

Consulting and service

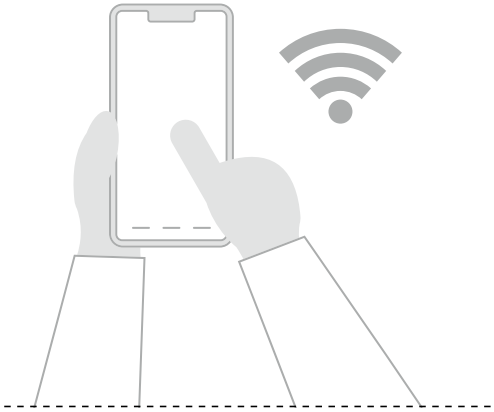
We work with qualified contractors all over Germany for consulting, design, installation and maintenance of your heat pump system. Our trade partners have access to a comprehensive training programme. This is how we share our knowledge as a leading heat pump manufacturer.

If anything should go wrong, our extensive customer service network provides direct, on-site support. And thanks to our 10 year spare parts guarantee, our original spare parts will continue to be rapidly available even when you have been using one of our heat pumps for a long time.



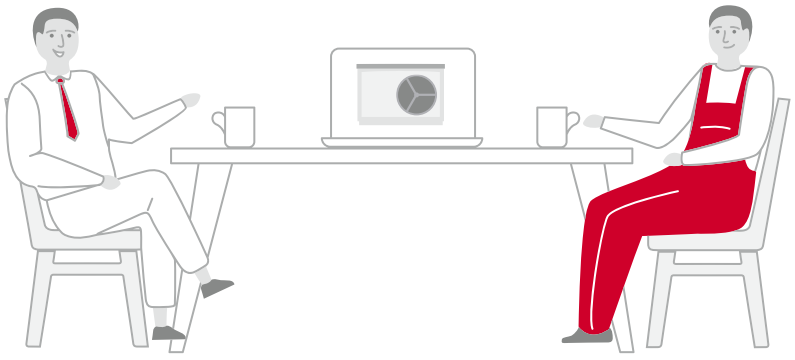
Easy operation

Connect your STIEBEL ELTRON heat pump to the internet and operate it intuitively from your smartphone. Every STIEBEL ELTRON heat pump system can also, of course, be easily controlled by means of our heat pump manager.



Find the right heat pump for your home

Let one of our qualified contractors advise you or use our configurator for convenient initial guidance from the comfort of your own 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

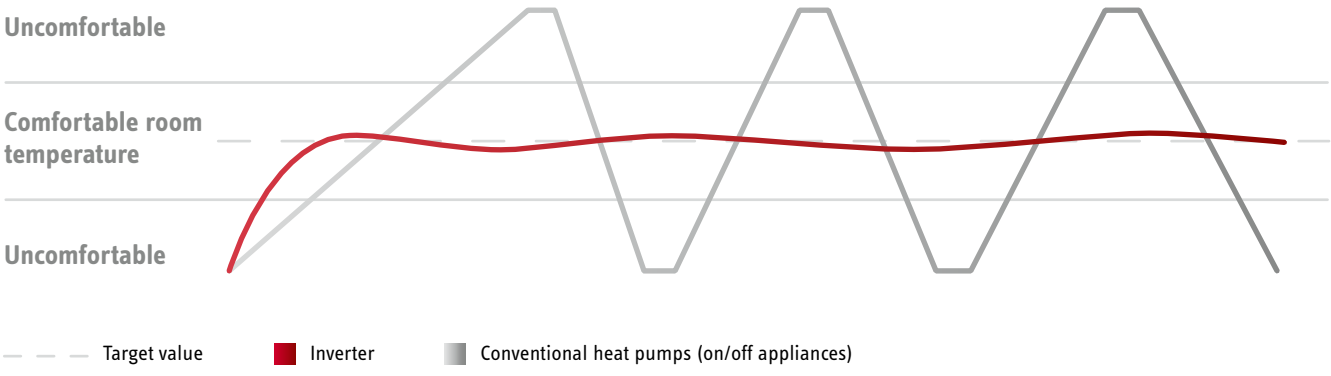
Your air source heat pump from STIEBEL ELTRON takes energy from the ambient air and converts it into usable heat for your home, even at icy temperatures of down to minus 25 °C. Depending on the model and your preferences, the appliance can be sited indoors or out. It saves on energy, but not on output. 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

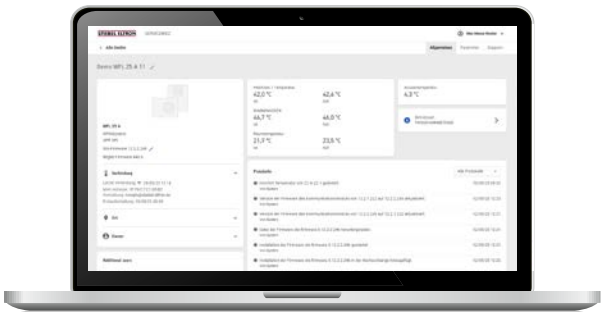
- Output is continuously matched to your requirements
- Higher efficiency in the partial load range
- Very quiet
- Top technology developed from many years of experience
- Improved heating output and efficient energy consumption

Inverter technology compared to conventional heat pumps



Get a feel-good temperature in your home easily and conveniently

Heating control from anywhere for extra convenience



ISG SERVICEWELT

If your heat pump system is connected to your home network via an Internet Service Gateway (ISG), you can conveniently control it using your PC, laptop or tablet.

- Your personal service portal for your heating system
- Local homepage for the appliance
- Data can be enabled for the SERVICEWELT portal at any time

Activate now
www.stiebel-eltron.de/servicewelt

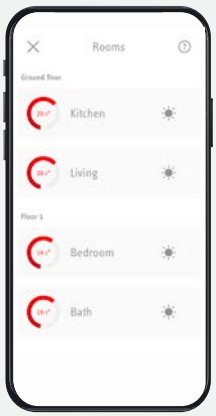
MyStiebel app[1)]

The MyStiebel app allows you to set the comprehensive functions of your STIEBEL ELTRON heat pump easily and intuitively – even when away from home. Besides controlling your heating, cooling and hot water, you can also configure and store individual time programs in the MyStiebel app.

- Easy operation of the heat pump controller – even when away from home
- Convenient settings for heating, cooling and hot water
- ECO mode for efficient operation

Download on the App Store

GET IT ON Google Play



EASYTRON app[1) 2)]

With our intelligent EASYTRON Connect individual room control, a different feel-good temperature can be set for each connected room – conveniently via app, even when away from home. The system can also communicate with STIEBEL ELTRON heat pumps to reduce energy consumption.

- Set and adjust the temperature in individual rooms conveniently via smartphone app and save energy
- Maximum efficiency through connection to a STIEBEL ELTRON heat pump system

Download on the App Store

GET IT ON Google Play

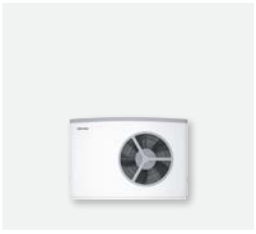
[1)] The ISG Internet Service Gateway is required to use the app. For information on compatibility and availability, please visit http://www.stiebel-eltron.com/iotcompatibility

[2)] Further components are necessary to operate the system.

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. And 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



	Page 10	Page 12	Page 14	Page 16
Model	**HPA-O 05.1/07.1 CS Premium**	**HPA-O 10-13 C Premium**	**HPA-O 3-8 CS Plus**	**WPL 09/17 IKCS classic**
Energy efficiency class, W55/W35	A+++/A+++	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	White
Product class	Premium	Premium	Plus	Plus

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

Air source heat pumps

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WPL 19/24 IK

A++/A+++

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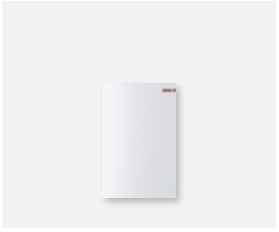
White

Premium



Page 20

WPL 19/24 I

A++/A+++

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White

Premium

Page 22

WPL 13-23 cool

A++/A++

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White

Plus

Page 22

WPL 13-23 E

A++/A++

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White

Plus

Page 23

WPL 47/57

A+/A++

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White

Trend

STIEBEL ELTRON

Create a pleasant climate all round

Air source heat pump HPA-O 05.1/07.1 CS Premium

This air source heat pump doesn't just take care of your heating and hot water. In the summer months, it can also provide cooling. And even at outside temperatures as low as -25 °C, it achieves high flow temperatures to ensure cosy warmth in your rooms and high hot water 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.

What convinces this product

- Air source heat pump installed outdoors for heating and cooling
- Inverter technology for high efficiency and low energy bills
- Low noise emissions due to intelligent appliance design
- Operating noise can be further reduced in night mode ("silent mode")
- Highest energy efficiency even when using radiators
- Optional integration into the home network and control via smartphone (additional components required)

Cooling | Modernisation | New building | Outdoor installation | High efficiency

Efficient heating with a top performer

Air source heat pump HPA-O 7-13 C Premium

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.

Increase comfort at high temperatures
In combination with underfloor heating or fan convectors, you can easily cool your home to pleasant temperatures with this version. For high quality of living all year round.

What convinces this product

- Air source heat pump installed outdoors for heating and cooling
- Ideal for new build and modernisation
- Inverter technology for high efficiency and low energy bills
- Low noise emissions due to intelligent appliance design
- Operating noise can be further reduced in night mode ("silent mode")
- Optional integration into the home network and control via smartphone (additional components required)

This product is available in various designs.

Modernisation | New building | Outdoor installation | High efficiency

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Set a new standard in new build

Air source heat pump HPA-0 3-8 Plus

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.

What convinces this product

- Air source heat pump installed outdoors for 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)
- Optional integration into the home network and control via smartphone (additional components required)

Cooling

Open your door to efficiency

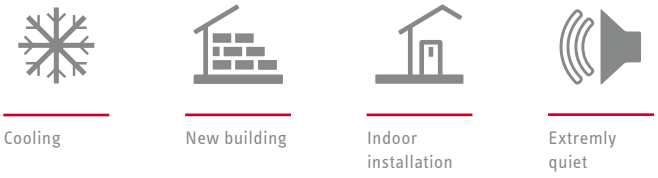
Air source heat pump WPL IKCS classic

This air source heat pump is designed for indoor installation. It offers you a system solution for a new build that is as elegant as it is efficient. It will be a quick and simple matter for your installer to connect this appliance up for you almost anywhere, thanks to the flexible air ducts and preassembled air hoses.

Peace and quiet – day and night
The sound insulation of the air ducts is so well designed that the appliance is barely audible, even where buildings are close to one another. In silent mode, your heat pump operates even more quietly.

What convinces this product
- Air source heat pump installed indoors for heating and cooling
- Ideal for new build
- Space saving installation due to compact design
- Inverter technology for high efficiency and low energy bills
- Indoor installation ensures significantly lower outdoor noise, making it ideal for densely built-up areas
- Operating noise can be further reduced in night mode (“silent mode”)
- Integrated heat pump manager with intuitive menu guidance
- Optional integration into the home network and control via smartphone (additional components required)

This product is available in various designs.



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Replace the heating system, not the living comfort

Air source heat pump WPL 19/24 IK

If you are modernising your heating system, you will achieve outstanding efficiency levels thanks to the inverter technology in this series. Even at temperatures below minus 10 °C, this air source heat pump ensures a high system temperature. And you will have a pleasant and convenient supply of heating and hot water convenience installed in your house all year round.

A discreet presence

This heat pump is second to none when it comes to meeting the requirements of modernised heating systems in single and two-family houses. Sound-optimised air hoses dampen operating noise that is created as air is drawn in from the outside. As a result, this appliance offers you an elegant alternative, especially in a densely built-up area.

What convinces this product

- Air source heat pump installed indoors for heating
- Also ideal for use in modernisation projects
- Space saving installation due to compact design
- Inverter technology for high efficiency and low energy bills
- Indoor installation ensures significantly lower outdoor noise, making it ideal for densely built-up areas
- Operating noise can be further reduced in night mode (“silent mode”)
- Integrated heat pump manager with intuitive menu guidance
- Optional integration into the home network and control via smartphone (additional components required)

This product is available in various designs.

New building

Indoor installation

Extremly quiet

Make your heating system modernisation a success story

Air source heat pump WPL 19/24 A

This air source heat pump for outdoor installation features a winning combination of first class efficiency and performance. It is an especially good choice for modernisation projects. The generous flow temperature means you will be more than satisfied with the hot water supply that this appliance can deliver.

What convinces this product

- Air source heat pump installed outdoors for heating
- Also ideal for use in modernisation projects
- Inverter technology for high efficiency and low energy bills
- Low noise emissions due to intelligent appliance design
- Operating noise can be further reduced in night mode (“silent mode”)
- Optional integration into the home network and control via smartphone (additional components required)

Modernisation

Outdoor installation

Extremly quiet

High efficiency

STIEBEL ELTRON

Experience a strong performance on any terrain

Air source heat pump WPL 13-23 cool

WPL 13 cool

One of the most versatile models of all our air source heat pumps, this model has plenty to offer – almost regardless of which building you need it to supply efficiently with heat. Even at outside temperatures of -20 °C, this heat pump achieves high flow temperatures and is therefore also ideally suited to installation in modernised older buildings.

Highly flexible and universally applicable
If you need to supply a larger building or smaller commercial units, you have the option to connect several appliances and thereby increase their output.

What convinces this product
- Air source heat pump installed indoors or outdoors for heating and cooling
- Ideally suited to modernisation
- High output and excellent COP even at low outside temperatures
- Cost savings through efficient heat pump defrosting

This product is available in various designs.

Cooling

Modernisation

Outdoor installation

Extremly quiet

Tackle large projects with plenty of energy

Heating heat pump WPL 47/57

WPL 47

If you need a high heating output, this air source heat pump is the ideal choice for you. Connected in a cascade, the output levels of the appliances add up, allowing them to supply even apartment buildings or commercial premises without difficulty. At the same time, your installer will adjust them to precisely suit the specific building complex or residential units.

Making meaningful connections
Furthermore, a heat pump installed outside can do even more. Your installer can connect it to other heat generators via the heat pump manager. This allows you to make extremely versatile use of the appliance.

What convinces this product
- Air source heat pump installed outdoors for heating
- Very high COPs for apartment buildings and commercial premises
- Evaporator protected against external damage for high operational reliability
- Suitable for use with an additional energy source for dual mode operation
- High COP despite low installed height

Modernisation

New building

Outdoor installation

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

Air source heat pumps with inverter technology – product comparison

		HPA-O 05.1 CS Premium	HPA-O 07.1 CS Premium
Part number		**202666**	**202668**
Energy efficiency class		A+++	A+++
Heating output at A2/W35 (EN 14511)	kW	3.19	4.30
Heating output at A-7/W35 (EN 14511)	kW	4.97	6.87
COP at A2/W35 (EN 14511)		4.60	4.30
COP at A-7/W35 (EN 14511)		3.45	2.93
Cooling capacity at A35/W18	kW	6.86	10.15
Energy efficiency ratio at A35/W18		3.84	2.87
SCOP 35 °C (EN 14825)		4.70	4.88
Sound power level (EN 12102)	dB(A)	48	48
Min./max. application limits for heat source	°C	-25/40	-25/40
Min. application limit on heating side	°C	15	15
Max. application limit on the heating side	°C	75	75
Height	mm	900	900
Width	mm	1270	1270
Depth	mm	593	593
Weight	kg	135	135
Refrigerant		R454C	R454C
Product class Premium/Plus/Trend		■/–/–	■/–/–

		HPA-O 10 C Premium	HPA-O 13 CS Premium	HPA-O 13 C Premium
Part number		**238979**	**238981**	**238983**
Energy efficiency		A++	A++	A++
Heating output at A2/W35 (EN 14511)	kW	8.33	8.33	8.33
Heating output at A-7/W35 (EN 14511)	kW	9.54	12.86	12.86
COP at A2/W35 (EN 14511)		4.14	4.14	4.14
COP at A-7/W35 (EN 14511)		3.26	2.98	2.93
Cooling capacity at A35/W18	kW	11.49	13.50	13.50
Energy efficiency ratio at A35/W18		3.12	2.83	2.83
SCOP 35 °C (EN 14825)		4.87	4.53	4.76
Sound power level (EN 12102)	dB(A)	55	55	55
Min./max. application limits for heat source	°C	-20 / 40	-20 / 40	-20 / 40
Min. application limit on heating side	°C	15	15	15
Max. application limit on the heating side	°C	65	65	65
Height	mm	1045	1045	1045
Width	mm	1490	1490	1490
Depth	mm	593	593	593
Weight	kg	175	175	175
Refrigerant		R410A	R410A	R410A
Product class Premium/Plus/Trend		■/–/–	■/–/–	■/–/–

Air source heat pumps with inverter technology – product comparison

		HPA-O 3 CS Plus	HPA-O 4 CS Plus	HPA-O 6 CS Plus	HPA-O 8 CS Plus
Energy efficiency class		A+	A+	A++	A++
Heating output at A2/W35 (EN 14511)	kW	2.08	2.58	5.30	5.30
Heating output at A-7/W35 (EN 14511)	kW	3.20	3.96	6.00	7.80
COP at A2/W35 (EN 14511)		3.70	3.64	3.80	3.80
COP at A-7/W35 (EN 14511)		2.81	2.73	2.98	2.91
Cooling capacity at A35/W18	kW	1.50	1.50	2.50	1.50
Energy efficiency ratio at A35/W18		3.56	3.56	3.28	3.28
SCOP 35 °C (EN 14825)		4.23	4.15	4.50	4.50
Sound power level (EN 12102)	dB(A)	52	52	57	57
Min./max. application limits for heat source	°C	-20...40	-20...40	-20...40	-20...40
Min. application limit on heating side	°C	15	15	15	15
Max. application limit on the heating side	°C	60	60	60	60
Height	mm	740	740	812	812
Width	mm	1022	1022	1152	1152
Depth	mm	524	524	524	524
Weight	kg	62	62	91	91
Refrigerant		R410A	R410A	R410A	R410A
Product class Premium/Plus/Trend		–/■/–	–/■/–	–/■/–	–/■/–

		WPL 09 IKCS classic	WPL 17 IKCS classic
Part number		**236377**	**236378**
Energy efficiency class		A++	A++
Heating output at A2/W35 (EN 14511)	kW	2.62	4.95
Heating output at A-7/W35 (EN 14511)	kW	4.18	7.80
COP at A2/W35 (EN 14511)		3.76	3.70
COP at A-7/W35 (EN 14511)		3.07	2.58
Cooling capacity at A35/W18	kW	1.85	3.60
Energy efficiency ratio at A35/W18		3.86	2.68
SCOP 35 °C (EN 14825)		4.45	4.125
Sound power level (EN 12102)	dB(A)	45	50
Min./max. application limits for heat source	°C	-20/35	-20/35
Min. application limit on heating side	°C	15	15
Max. application limit on the heating side	°C	60	60
Height	mm	1892	1892
Width	mm	893	893
Depth	mm	833	833
Weight	kg	219	221
Refrigerant		R410A	R410A
Product class Premium/Plus/Trend		–/■/–	–/■/–

		WPL 09 ICS classic	WPL 17 ICS classic
Part number		**236375**	**236376**
Heating output at A2/W35 (EN 14511)	kW	2.64	5.02
Heating output at A-7/W35 (EN 14511)	kW	4.23	8.02
COP at A2/W35 (EN 14511)		3.83	3.83
COP at A-7/W35 (EN 14511)		3.16	2.63
Cooling capacity at A35/W18	kW	1.85	3.60
Energy efficiency ratio at A35/W18		3.96	2.78
SCOP 35 °C (EN 14825)		4.525	4.25
Sound power level (EN 12102)	dB(A)	45	51
Min./max. application limits for heat source	°C	-20/35	-20/35
Min. application limit on heating side	°C	15	15
Max. application limit on the heating side	°C	60	60
Height	mm	1381	1381
Product class Premium/Plus/Trend		–/■/–	–/■/–

Air source heat pumps with inverter technology – product comparison

		WPL 19 IK Set	WPL 24 IK Set
Part number		**235878**	**235879**
Energy efficiency class		A++	A++
Heating output at A2/W35 (EN 14511)	kW	7.41	9.04
Heating output at A-7/W35 (EN 14511)	kW	9.91	13.45
COP at A2/W35 (EN 14511)		4.12	4.00
COP at A-7/W35 (EN 14511)		3.32	3.00
SCOP 35 °C (EN 14825)		4.44	4.45
Sound power level (EN 12102)	dB(A)	52	51
Min./max. application limits for heat source	°C	-20/40	-20/40
Min. application limit on heating side	°C	15	15
Max. application limit on the heating side	°C	65	65
Height	mm	1820	1820
Width	mm	800	800
Depth	mm	1240	1240
Weight	kg	373	373
Refrigerant		R410A	R410A
Product class Premium/Plus/Trend		■/–/–	■/–/–

		WPL 19 I Set	WPL 24 I Set
Part number		**235193**	**235194**
Energy efficiency class		A++	A++
Heating output at A2/W35 (EN 14511)	kW	7.41	9.04
Heating output at A-7/W35 (EN 14511)	kW	9.91	13.45
COP at A2/W35 (EN 14511)		4.12	4.00
COP at A-7/W35 (EN 14511)		3.32	3.00
SCOP 35 °C (EN 14825)		4.44	4.45
Sound power level (EN 12102)	dB(A)	54	54
Min./max. application limits for heat source	°C	-20/40	-20/40
Min. application limit on heating side	°C	15	15
Max. application limit on the heating side	°C	65	65
Height	mm	1182	1182
Width	mm	800	800
Depth	mm	1240	1240
Weight	kg	289	289
Refrigerant		R410A	R410A
Product class Premium/Plus/Trend		■/–/–	■/–/–

		WPL 19 A Set	WPL 24 A Set
Part number		**236412**	**236413**
Energy efficiency class		A++	A++
Heating output at A2/W35 (EN 14511)	kW	7.41	9.04
Heating output at A-7/W35 (EN 14511)	kW	9.91	13.45
COP at A2/W35 (EN 14511)		4.12	4.00
COP at A-7/W35 (EN 14511)		3.32	3.00
SCOP 35 °C (EN 14825)		4.44	4.45
Sound power level (EN 12102)	dB(A)	59	59
Min./max. application limits for heat source	°C	-20/40	-20/40
Min. application limit on heating side	°C	15	15
Max. application limit on the heating side	°C	65	65
Height	mm	1434	1434
Width	mm	1240	1240
Depth	mm	1280	1280
Weight	kg	279	279
Refrigerant		R410A	R410A
Product class Premium/Plus/Trend		■/–/–	■/–/–

Air source heat pump product comparison

		WPL 13 E	WPL 18 E	WPL 23 E
Part number		**227756**	**227757**	**227758**
Energy efficiency class		A+	A+	A+
Heating output at A2/W35 (EN 14511)	kW	8.09	11.30	15.73
Heating output at A-7/W35 (EN 14511)	kW	6.77	9.72	13.21
COP at A2/W35 (EN 14511)		3.76	3.73	3.62
COP at A-7/W35 (EN 14511)		3.20	3.27	3.14
SCOP 35 °C (EN 14825)		3.85	4.00	3.775
Sound power level (EN 12102)	dB(A)	64	65	65
Min./max. application limits for heat source	°C	-20...40	-20...40	-20...40
Min. application limit on heating side	°C	15	15	15
Max. application limit on the heating side	°C	60	60	60
Height	mm	1116	1116	1116
Width	mm	784	784	784
Depth	mm	1182	1182	1182
Weight	kg	205	212	211
Refrigerant		R407C	R407C	R407C
Product class Premium/Plus/Trend		–/■/–	–/■/–	–/■/–

		WPL 13 cool	WPL 18 cool	WPL 23 cool
Part number		**223400**	**223401**	**223402**
Energy efficiency class		A+	A+	A+
Heating output at A2/W35 (EN 14511)	kW	8.10	11.30	14.14
Heating output at A-7/W35 (EN 14511)	kW	6.60	9.72	12.27
COP at A2/W35 (EN 14511)		3.40	3.70	3.23
COP at A-7/W35 (EN 14511)		3.00	3.20	2.91
SCOP 35 °C (EN 14825)		3.75	4.075	3.475
Sound power level (EN 12102)	dB(A)	64	65	65
Min./max. application limits for heat source	°C	-20...40	-20...40	-20...40
Min. application limit on heating side	°C	15	15	15
Max. application limit on the heating side	°C	60	60	60
Height	mm	1116	1116	1116
Width	mm	784	784	784
Depth	mm	1182	1182	1182
Weight	kg	210	214	220
Refrigerant		R407C	R407C	R407C
Product class Premium/Plus/Trend		–/■/–	–/■/–	–/■/–

		WPL 47 Set A	WPL 57 Set A
Part number		**228836**	**228837**
Energy efficiency class		A+	A+
Heating output at A2/W35 (EN 14511)	kW	24.82	29.81
Heating output at A-7/W35 (EN 14511)	kW	21.68	24.02
COP at A2/W35 (EN 14511)		3.43	3.30
COP at A-7/W35 (EN 14511)		3.05	2.84
SCOP 35 °C (EN 14825)		3.79	3.42
Sound power level (EN 12102)	dB(A)	69	69
Min./max. application limits for heat source	°C	-20 / 40	-20 / 40
Min. application limit on heating side	°C	15	15
Max. application limit on the heating side	°C	60	60
Height	mm	1485	1485
Width	mm	1860	1860
Depth	mm	2040	2040
Weight	kg	540	600
Refrigerant		R407C	R407C
Product class Premium/Plus/Trend		–/–/■	–/–/■

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