Harnessed from the air
Used for hot water

Producing hot water using energy from the air

There's so much warmth in our house – including in places where we don't really need it. So it's great that our DHW heat pump can use this energy to heat up cold water. Not only is that economical, but also good for the environment.

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.

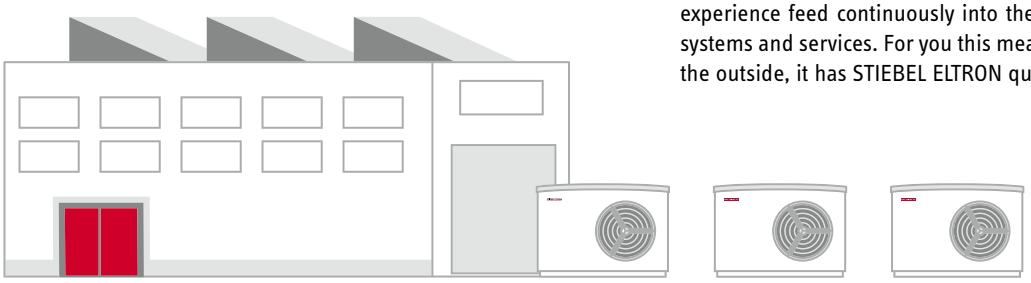
Set your sights on a futureproof supply
The time is up for using fossil fuels to generate heat. By facilitating a green transition for our blue planet with sustainable technologies, we are taking on our share of responsibility for future generations. A heat pump allows you to utilise renewable energy 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

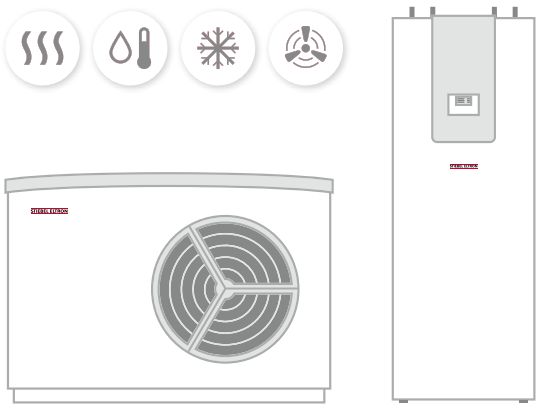
We have been developing and manufacturing heat pumps in our own production facilities in Germany with strict quality controls for almost 50 years. Since the beginning in 1976 in Holzminden, two German and four international heat pump production facilities have come online. With each of the 500,000 heat 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

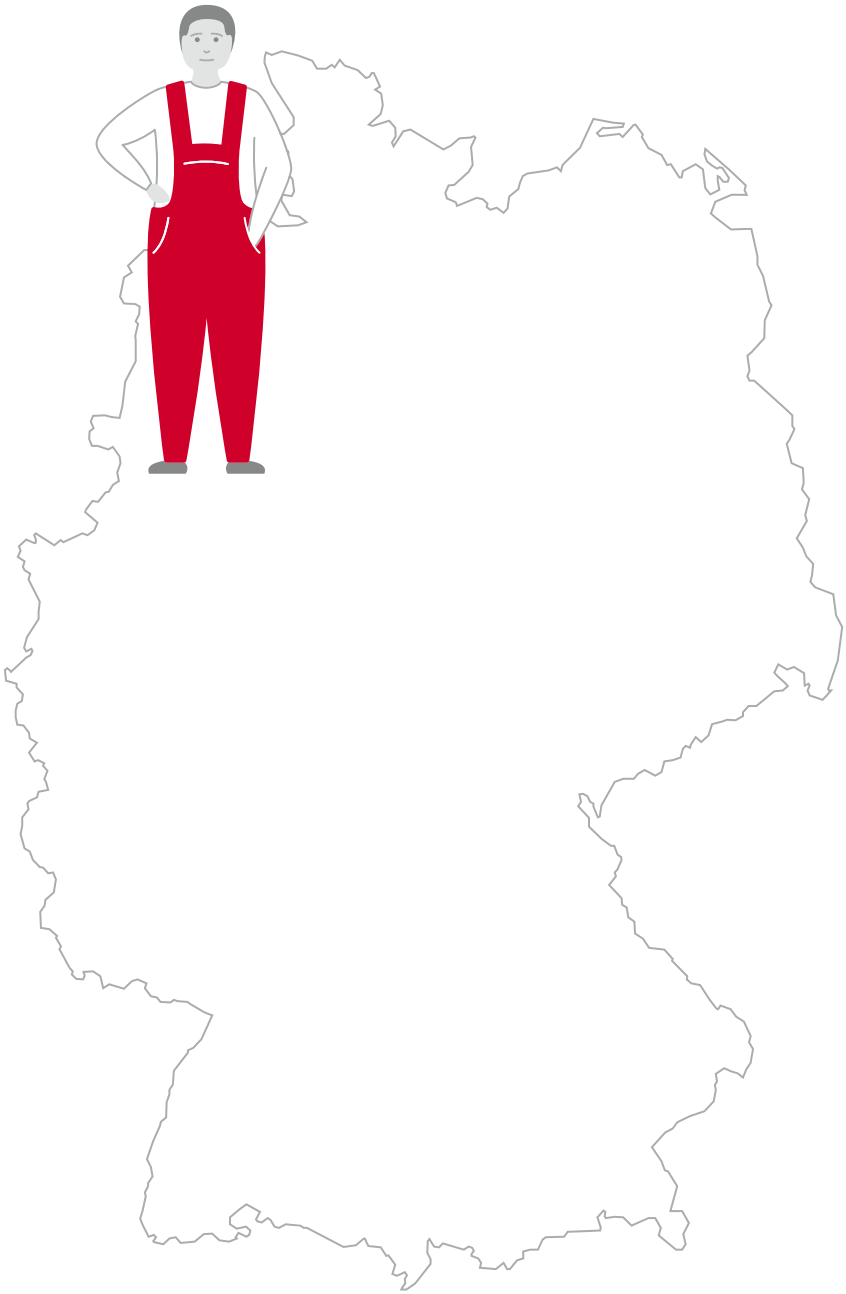
STIEBEL ELTRON offers highly efficient products and services for heating, cooling, ventilation and hot water in various different types of buildings. You decide whether your heat pump uses air, the ground or water as its energy source. As a result, you are assured of the right solution for every building, 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

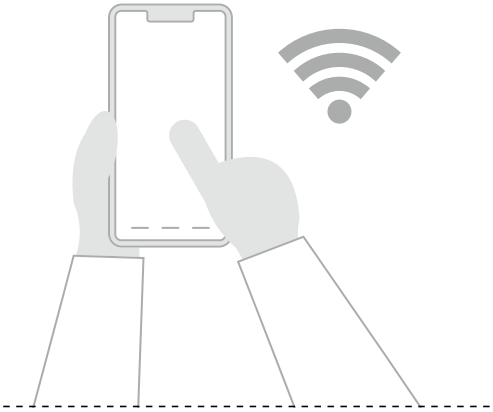
We work with qualified contractors all over Germany for consulting, design, installation and maintenance of your heat pump system. Our trade partners have access to a comprehensive training programme. This is how we share our knowledge as a leading heat pump manufacturer.

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.



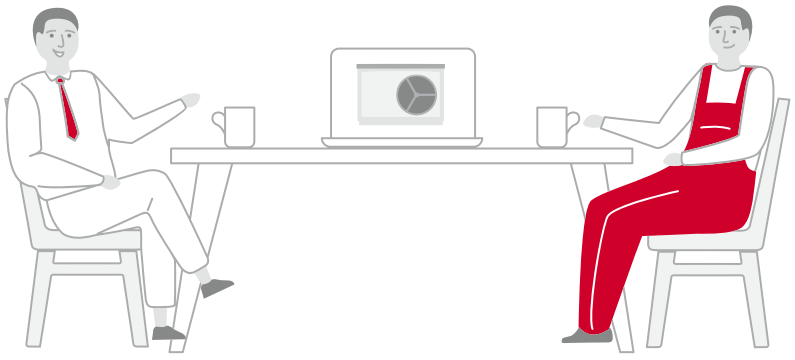
Easy operation

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.



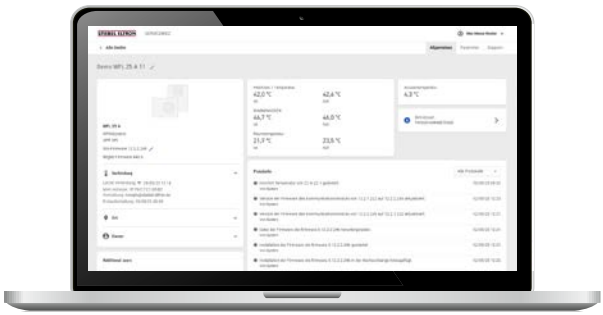
Find the right heat pump for your home

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



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

Heating control from anywhere for extra convenience

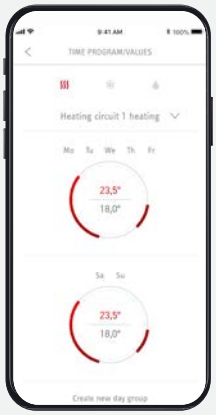


ISG SERVICEWELT

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



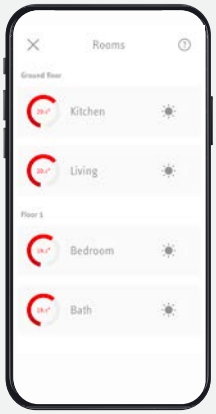
MyStiebel app[1)]

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

Treat yourself to moments of relaxation. That's best achieved with hot water, which our appliances can produce without wasting resources. STIEBEL ELTRON DHW heat pumps draw most of the energy they need from the ambient air, which contains a great deal of heat – heat that is normally wasted. Our heat pumps use this free ambient energy, along with their integral water cylinder, to ensure that you can enjoy plenty of relaxing moments all year round.

DHW heat pumps

	Page 08	Page 10
Model	**SHP-I 200/300 (H) Plus**	**SHP-O 200/300 Plus**
Energy efficiency (load profile)	A+ (L | XL)	A+ (L | XL)
Cylinder capacity	200/300/291 l	200/300 l
Indoor installation | outdoor installation	■ | –	– | ■
Min./max. application limit	6 °C/ 43 °C	6 °C/ 43 °C
Max. temperature in heat pump-only mode	+65 °C	+65 °C
Connection of second heat generator (e.g. boiler)[1]	■	
Photovoltaic compatibility – via switching contact[2] – via energy management system[3]	 ■ ■	 ■ ■
Digital control with LCD		
Control via knob	■	
Control via app	■	■
Air duct operation possible		
Product class	Plus	Plus

[1] Only for the SHP-I 300 H Plus [2] Suitable inverter required. [3] Suitable energy management system required. Energy efficiency class in accordance with EU Regulation no. 812/2013.

Page 12

SHP-F 220/300 (X) Premium

A+ (L | XL)
220/291/302 l
■ | –
–8 °C/+35 °C
+65 °C
■
■
■
■
■
Premium

Page 14

SHP-A 220/300 (X) Plus

A+ (L | XL)
220/291/302 l
■ | –
+6 °C/+42 °C
+65 °C
■
■
■
■
Plus

Page 16

WWK 222/302 (H)

A+ (L | XL)
220/302 l
– | ■
–5 °C/+42 °C
+65 °C
■
■
■
Premium

Give your hot water the comfort factor | indoor

DHW heat pump SHP-I Plus

This DHW heat pump is your perfect entry into renewables. With its new, contemporary design, this appliance heats domestic hot water in family houses – regardless what type of heating system you already have. Instead of oil or gas, the heat pump largely uses free ambient heat, such as waste heat from your heating system in the installation room. If you wish, you can operate the appliance, which is particularly environmentally friendly and very energy efficient thanks to the natural refrigerant propane, using self-generated electricity from your PV system.

Easy, convenient control

The appliance offers you every conceivable advantage in operation: Simply connect the heat pump to your Wi-Fi™ Network. Then take control in total comfort via app – even away from home. Alternatively, a high quality haptic rotary selector provides variable temperature control. A further advantage: Your qualified contractor can access the appliance via the Servicewelt portal and change settings quickly and conveniently. This often makes an on-site visit unnecessary.

What convinces this product

- Attractively designed DHW heat pump installed indoors
- Intuitive and simple operation via rotary selector or app
- Can be used regardless of the installed heating system
- Quiet operation, as designed specifically for recirculation air mode
- SG Ready interface as standard for optimised on-site PV consumption
- Low running costs through high efficiency as optimised for recirculation air mode
- Hygiene program and timer function optimise the domestic hot water experience
- Futureproof thanks to natural refrigerant
- Fully wired for quick and straightforward electrical connection

Wi-Fi™

Give your hot water the comfort factor | outdoor

DHW heat pump SHP-O Plus

This DHW heat pump is your perfect entry into renewables. With its new, contemporary design, this appliance heats domestic hot water in family houses – regardless what type of heating system you already have. Instead of oil or gas, the heat pump largely uses free ambient heat. If you wish, you can operate the appliance, which is particularly environmentally friendly and very energy efficient thanks to the natural refrigerant propane, using self-generated electricity from your PV system.

Easy, convenient control

The appliance offers you every conceivable advantage in operation: Simply connect the heat pump to your Wi-Fi™ Network. Then take control in total comfort via app – even away from home. A further advantage: Your qualified contractor can access the appliance via the Servicewelt portal and change settings quickly and conveniently. This often makes an on-site visit unnecessary.

What convinces this product

- Attractively designed DHW heat pump installed outdoors
- Intuitive and simple app-based operation
- Can be used regardless of the installed heating system
- Quiet operation, as designed specifically for recirculation air mode
- SG Ready interface as standard for optimised on-site PV consumption
- Low running costs through high efficiency as optimised for recirculation air mode
- Hygiene program and timer function optimise the domestic hot water experience
- Futureproof thanks to natural refrigerant

Wi-Fi™

Keeping your plans flexible

DHW heat pump SHP-F 220/300 (X) PREMIUM

The flexibility you enjoy with a DHW heat pump is well demonstrated in this model. It is equipped with air ducts that allow it to draw outdoor air or waste heat from an adjacent room. Moreover, your installer can arrange the ducts horizontally or vertically, depending on the layout of the installation room.

A futureproof investment

The appliance is also well equipped on the inside: it achieves the highest possible energy efficiency and provides you with high, hygienic DHW temperatures. A straightforward combination of heat pump and photovoltaic system[1)] makes even more efficient use of natural resources, as it allows you to heat your hot water with self-generated electricity. For feel-good moments that are truly home-made.

What convinces this product

- High flexibility in siting and installation
- Hygienic DHW temperatures up to 65 °C achievable in efficient heat pump mode
- Can be integrated into a smart grid (SG Ready)
- Maximum reliability and cost savings due to maintenance-free cylinder protection (impressed current anode)

[1)] Compatible inverter required.

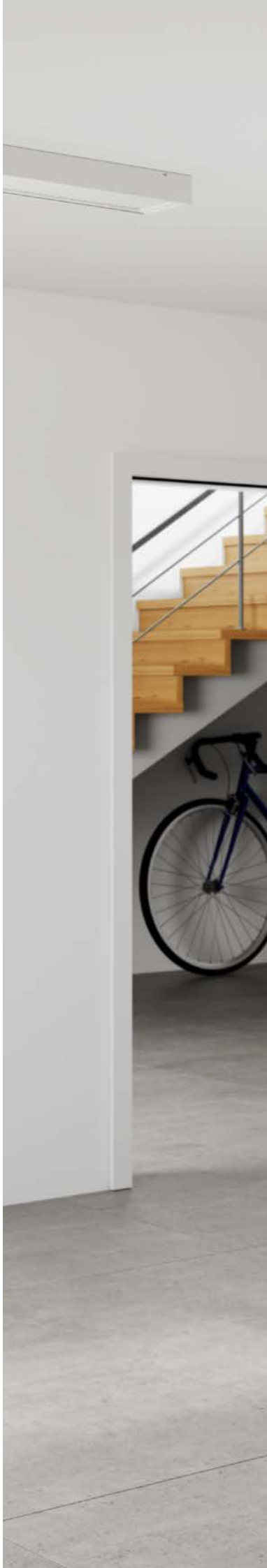
Become more self-sufficient at home

DHW heat pump SHP-A 220/300 (X) PLUS

Self-sufficiency in your own home is an important factor. You can take a big step in the right direction with this DHW heat pump. Not only does it use renewable sources for DHW heating, but with its superbly insulated cylinder, it also achieves excellent output values. For you, that means hot water for a bath or shower whenever you need it – with low energy consumption.

Easy to operate and connect
A user friendly LCD screen helps you operate the appliance. It shows you at a glance how much mixed water is currently available. Would you like to connect your heat pump to your photovoltaic system[1)]? Nothing could be simpler. The appliance comes with this option as standard, allowing you to make clever use of energy from the sun as well as the air.

What convinces this product
- Hygienic DHW temperatures up to 65 °C achievable in efficient heat pump mode
- Can be integrated into a smart grid (SG Ready)
- Maximum reliability and cost savings due to maintenance-free cylinder protection (impressed current anode)



[1)] Compatible inverter required.

[2)] Energy efficiency class in accordance with EU Regulation no. 812/2013.

Choose a powerful partner for your hot water

DHW heat pump WWK 222/302 (H)

Self-sufficiency in your own home is an important factor. You can take a big step in the right direction with this DHW heat pump for outdoor installation. Not only does it use renewable sources for DHW heating, but with its superbly insulated cylinder, it also achieves excellent output values. For you, that means hot water for a bath or shower whenever you need it – with low energy consumption.

Easy to operate and connect
A user friendly LCD screen helps you operate the appliance. It shows you at a glance how much mixed water is currently available. Would you like to connect your heat pump to your photovoltaic system[1)]? Nothing could be simpler. The appliance comes with this option as standard, allowing you to make clever use of energy from the sun as well as the air.

What convinces this product
- DHW heat pump installed outdoors
- Compact series for recirculation air mode
- Hygienic DHW temperatures up to 65 °C achievable in efficient heat pump mode
- Utilisation of environmental heat for energy efficient DHW heating
- Highly reliable and cost saving due to the maintenance-free impressed current anode
- Extremely quiet operation due to advanced acoustic separation
- For supplying one or more draw-off points
- Long service life and consistently high efficiency thanks to roll-bond heat exchanger

[1)] Compatible inverter required.

DHW heat pump product comparison

		SHP-I 300 H Plus	SHP-I 300 Plus	SHP-I 200 Plus
Part number		**204478**	**204476**	**204474**
Energy efficiency (load profile)		A+ (XL)	A+ (XL)	A+ (L)
Min./max. application limits for heat source	°C	+6/+43	+6/+43	+6/+43
Max. DHW temperature with heat pump	°C	65	65	65
Min. DHW temperature with heat pump	°C	35	35	65
Height x diameter	mm	1902,1 x 650	1902,1 x 650	1475,5 x 650
Nominal capacity	l	291	300	200
Product class Premium/Plus/Trend		–/■/–	–/■/–	–/■/–

		SHP-O 300 Plus	SHP-O 200 Plus
Part number		**204473**	**204472**
Energy efficiency (load profile)		A+ (XL)	A+ (L)
Min./max. application limits for heat source	°C	+6/+43	+6/+43
Max. DHW temperature with heat pump	°C	65	65
Min. DHW temperature with heat pump	°C	35	35
Height x diameter	mm	1902,1 x 650	1475,5 x 650
Nominal capacity	l	300	200
Product class Premium/Plus/Trend		–/■/–	–/■/–

		SHP-F 300 X Premium	SHP-F 300 Premium	SHP-F 220 Premium
Part number		**238632**	**238631**	**238630**
Energy efficiency (load profile)		A+ (XL)	A+ (XL)	A+ (L)
Average heating output (A20 / W10-55)	kW	1.8	1.8	1.8
Average heating output (A7 / W10-55)	kW	1.3	1.3	1.3
COP (EN 16147 / A20)		3.75	3.75	3.28
COP (EN 16147 / A7)		3.22	3.22	3.07
Nominal DHW temperature (EN 16147)	°C	55	55	55
Average indoor sound pressure level at 1 m distance, free field with 4 m air duct	dB(A)	37	37	37
Indoor sound power level with 4 m air duct (EN 12102)	dB(A)	52	52	52
Min./max. application limits for heat source	°C	-8/+42	-8/+42	-8/+42
Max. DHW temperature with heat pump	°C	65	65	65
Height x diameter	mm	1905 x 690	1905 x 690	1501 x 690
Nominal capacity	l	291	302	220
Max. mixed water amount at 40 °C	l	440	465	330
Product class Premium/Plus/Trend		■/–/–	■/–/–	■/–/–

DHW heat pump product comparison

		SHP-A 300 X Plus	SHP-A 300 Plus	SHP-A 220 Plus
Part number		**238635**	**238634**	**238633**
Energy efficiency (load profile)		A+ (XL)	A+ (XL)	A+ (L)
Average heating output (A15 / W10-55)	kW	1.6	1.6	1.6
Average heating output (A7 / W10-55)	kW	1.3	1.3	1.3
COP (EN 16147 / A20)		3.51	3.51	3.55
COP (EN 16147 / A7)		2.75	2.79	2.68
Nominal DHW temperature (EN 16147)	°C	55	55	55
Maximum available nominal amount of DHW at 40 °C (EN 16147 / A20)	l	371	395	278
Average sound pressure level at 1 m distance. free field	dB(A)	45	45	45
Sound power level (EN 12102)	dB(A)	60	60	60
Max. DHW temperature with heat pump	°C	65	65	65
Height x diameter	mm	1905 x 690	1905 x 690	1501 x 690
Nominal capacity	l	291	302	220
Max. mixed water amount at 40 °C	l	440	465	330
Product class Premium/Plus/Trend		–/■/–	–/■/–	–/■/–

DHW heat pump product comparison

		WWK 302	WWK 302 H	WWK 222 H	WWK 222
Part number		**231211**	**232905**	**233209**	**231209**
Energy efficiency (load profile)		A (XL)	A (XL)	A+ (L)	A+ (L)
Average heating output (A15 / W10-55)	kW	1.6	1.6	1.6	1.6
Average heating output (A7 / W10-55)	kW	1.2	1.2	1.2	1.2
COP (EN 16147 / A20)		2.91	2.91	2.92	2.92
Nominal DHW temperature (EN 16147)	°C	61	61	61	61
Maximum available nominal amount of DHW at 40 °C (EN 16147 / A20)	l	457	457	322	322
Average sound pressure level at 1 m distance. free field	dB(A)	45	45	45	45
Sound power level (EN 12102)	dB(A)	60	60	60	60
Min./max. application limits for heat source	°C	-5/+42	-5/+42	-5/+42	-5/+42
Max. DHW temperature with heat pump	°C	65	65	65	65
Min. DHW temperature with heat pump	°C	61	61	61	61
Height x diameter	mm	1905 x 690	1905 x 690	1501 x 690	1501 x 690
Nominal capacity	l	302	302	220	220
Max. mixed water amount at 40 °C	l	465	465	330	330
Product class Premium/Plus/Trend		■/–/–	■/–/–	■/–/–	■/–/–

Sustainable comfort

Clean electricity is the future. That's why we focus worldwide on electricity-based and highly efficient green tech solutions for hot water, heating, ventilation and cooling – so that you can enjoy sustainable comfort at home. As a family business, we act for the future – yours and ours.

www.stiebel-eltron.com/
about-stiebel-eltron

At STIEBEL ELTRON, we offer highly efficient products and services for heating, cooling, ventilation and hot water in buildings. We maintain a clear focus and promote the energy transition: renewable electricity is the driving force behind our products. With more than 6000 employees, we are committed to innovation and always strive for better solutions.

From design and manufacture through to servicing your appliance, we systematically apply our experience from 100 years of hot water heating, almost 50 years of heat pump engineering and 30 years of ventilation technology to offer you futureproof systems. Our goal is to deliver greater convenience and benefits in all our homes!

You can see first hand our commitment to green tech 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.

Partnership with vision

We are a premium and sustainability partner of the Bundesliga football team Borussia Dortmund. As a heating expert, we are supporting the BVB on its path to a CO_2-free future.

STIEBEL ELTRON | BVB 09 SUSTAINABILITY PARTNER

100YRS
1924–2024

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www.stiebel-eltron.com/
international-offices

STIEBEL ELTRON | BVB 09 PREMIUM PARTNER

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