

Drawing heating energy from the ground

- › Cover your own demand for heating and hot water with geothermal energy



STIEBEL ELTRON is full of energy

We take ideas and turn them into innovations that move markets. As a company driven by engineering expertise, we aim to deliver results and turn our excellent products into groundbreaking system solutions – because we want to be actively engaged in shaping the future.

Our products have long been distinguished by excellent reliability, high quality and a long service life.

We have been developing highly efficient electrical appliances since 1924, and in our business, we rely on the expertise of our 3,000 employees, in all areas from product development through to manufacturing. The result is a portfolio of over 2,000 products in the fields of DHW, renewables, air conditioning and room heating. Thanks to smart combinations, we are able to offer more than 30,000 system solutions that can help you prepare your home for the future.

Since 2015 at our head office in Holzminden, we have been running the Energy Campus – a flagship project for sustainable construction that makes careful use of resources. This training and communication centre brings together high quality architecture and communication technology, and as a Plus Energy building, generates more energy than it consumes. This is in keeping with our brand promise “Full of energy” and creates a space where the spirit of STIEBEL ELTRON can be experienced both in theory and practice.





“ We harvest and impressive amount from our garden already: wholesome herbs, fresh vegetables, and beautiful flowers. The most amazing thing is that we can keep on reaping richly all through the winter. This is because our ground source heat pump draws thermal energy from the ground for heating and hot water throughout the year.”

We don't leave quality to chance. So you don't have to take chances.

STIEBEL ELTRON provides innovative technology to heat, conserve energy and reduce bills. For over nine decades, across 120 countries, we have offered our customers products and services of exceptional quality with a focus on protecting the environment.

With an unbeatable breadth of green technologies we design systems specifically to suit your project. We ensure all the components are appropriate to your individual requirements - whether you want to save on bills in a flat or are a developer of huge commercial buildings thus maximising performance and return on investment.

Our experience, your benefit | With STIEBEL ELTRON UK you can have the comfort of knowing that you are dealing with a stable and well established business with a long track record of manufacturing quality heat pump solutions.

Because of our firm commitment to the best customer service, STIEBEL ELTRON possess great facilities for training our partners on our heat pump and solar products. With dedicated training rooms and fully operational installations of products for demonstration and hands-on learning, we offer the best possible support to our installer partners



Exploiting the heat potential of your property






Even when it's freezing outside, temperature levels remain steady deep below the ground. Our advanced ground source heat pumps exploit this phenomenon and are among the few that achieve a COP of up to 5. Even at temperatures below 0 °C, from one part electricity they still generate up to five parts heat. Since probes go deep underground, the space taken up by the drilled holes on the surface is minimal.

EXCELLENT ENERGY EFFICIENCY

Our ground source heat pumps are categorised in the higher energy efficiency class up to A++/A++ (flow temperature of 55 °C/35 °C).

ENERGY EFFICIENCY **A++/A++**

GROUND SOURCE HEAT PUMPS

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Model	WPC S	WPF S	WPF S basic	WPF M S	WPF Set S	WPF 20-66	WPF 27 HT
Energy efficiency class, W55/W35	A++/A++	A++/A++	A+/A++ ¹⁾	A++/A++	A++/A++	A++/A++	A++/A++
Detached and two-family house apartment building	■ -	■ ■	■ ■	■ ■	■ ■	■ ■	■ ■
Non-residential buildings					■	■	■
New build modernisation	■ ■	■ ■	■ ■	■ ■	■ ■	■ ■	■ ■
Heating cooling	■ -	■ -	■ -	■ -	■ -	■ -	■ -
Integral DHW cylinder	■						
Indoor outdoor installation	■ -	■ -	■ -	■ -	■ -	■ ■	■ ■
Solar thermal system		■	■	■	■	■	■
Can be combined with other heat generators				■	■	■	■



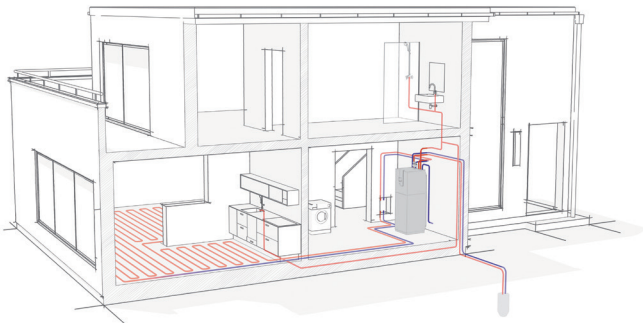
WPC S

COMPACT IN SIZE, EXEMPLARY IN EFFICIENCY

As one of the most efficient heat pumps available on the market, the WPC S delivers satisfaction not only because of a COP of up to 5, but also because of its compact dimensions and high level of integration. The unit even incorporates a 200 litre DHW cylinder.

Not just good looking

The integral heat pump manager complements the advanced design and provides for convenient operation with a backlit display and touch wheel.



Benefits for your home

- › Exemplary efficiency for low energy bills
- › Space benefit thanks to a compact, highly integrated solution
- › Modern, award-winning design
- › Integrated 200 litre DHW cylinder
- › High level of DHW convenience thanks to high flow temperatures of up to 60°C



reddot award 2014
winner

Model	WPC 05 S	WPC 07 S	WPC 10 S	WPC 13 S
	234308	234309	234310	234311
Energy efficiency class.	A++/	A++/	A++/	A++/
average climate W55/W35	A++	A++	A++	A++
Height	mm 1917	1917	1917	1917
Width	mm 600	600	600	600
Depth	mm 703	703	703	703
Weight, dry	kg 246	259	277	283
Refrigerant	mm R410 A	R410 A	R410 A	R410 A
Heating output at B0/W35 (EN14511)	kW 5.88	7.61	10.31	13.01
COP at B0/W35 (EN14511)	mm 4.78	4.75	4.76	4.75
Max. application limit on the heating side	°C 60	60	60	60

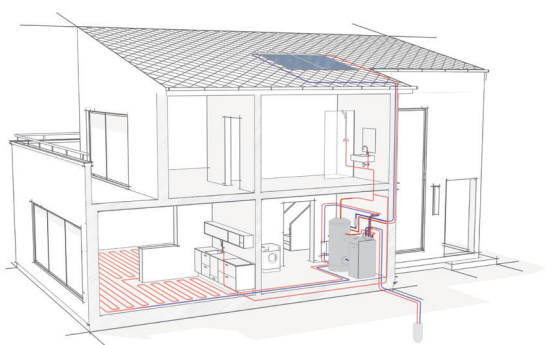
WPF S

TOP EFFICIENCY AND ALL IMPORTANT COMPONENTS INCLUDED

The powerful output of the WPF S supplies your home efficiently with heat and hot water. In addition, it can be combined with almost any DHW cylinder from the STIEBEL ELTRON product range. Fitted with every important component, the heat pump comes already highly integrated, enabling quick and easy installation.

Stylish design, easy to operate

The unit is controlled by the advanced heat pump manager. The touch wheel plus display facilitates quick and intuitive operation.



Benefits for your home

- › Exemplary efficiency for low energy bills
- › Extremely quiet operation due to advanced acoustic separation
- › Powerful performance, therefore also suitable for larger buildings
- › Can be combined with all STIEBEL ELTRON DHW cylinders
- › High level of DHW convenience thanks to high flow temperatures of up to 60°C



reddot design award
winner 2009

Model	WPF 05 S	WPF 07 S	WPF 10 S	WPF 13 S
	232922	232923	232924	232925
Energy efficiency class, average climate, W55/W35	A++/ A++	A+ / A++	A++/ A++	A++/ A++
Height	mm 1319	1319	1319	1319
Width	mm 598	598	598	598
Depth	mm 658	658	658	658
Weight, dry	kg 152	157	169	171
Refrigerant	mm R410 A	R410 A	R410 A	R410 A
Heating output at B0/W35 (EN 14511)	kW 5.88	7.61	10.31	13.01
COP at B0/W35 (EN 14511)	mm 4.78	4.75	4.76	4.75
Max. application limit on the heating side	°C 60	60	60	60



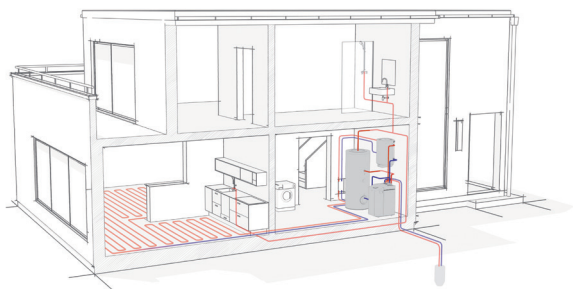
WPF S basic

STANDARD VERSION – EFFICIENT HEATING TECHNOLOGY

Save money when saving energy – the affordable WPF S basic series provides an ideal alternative to highly integrated ground source heat pumps. Featuring top STIEBEL ELTRON quality, the WPF S basic is largely ready for installation. Thanks to its compact design, it can be perfectly adapted to meet structural conditions on site.

Standard version in flexible solutions

The many different options for combining the WPF S basic with cylinders from the STIEBEL ELTRON range allow it to be matched to many different demands.



WPF S basic

Benefits for your home

- › Compact standard version
- › Timeless design
- › Optimal energy use through an HE circulation pump with an energy efficiency class A rating

Model	WPF 5 S basic	WP 7 S basic	WPF 10 S basic	WPF 13 basic	WPF 16 basic
	074425	074426	220819	230947	230948
Energy efficiency class, average climate, W55/W35	A+/A++	A+/A++	A+/A++	A+/A++	A+/A++
Height mm	960	960	960	960	960
Width mm	510	510	510	510	510
Depth mm	680	680	680	680	680
Weight, dry kg	107.5	113.5	120.5	128.5	131
Refrigerant	R410 A	R410 A	R410 A	R410 A	R410 A
Heating output at B0/W35 (EN 14511) kW	5.80	7.80	9.90	12.59	16.64
COP at B0/W35 (EN 14511)	4.30	4.40	4.50	4.42	4.16
Max. application limit on the heating side °C	60	60	60	60	60



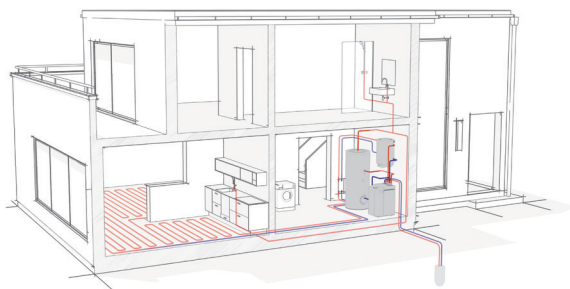
WPF M S

TAILOR-MADE HEATING SOLUTIONS, LARGE AND SMALL

The universal application range of the WPF M S is truly fascinating. It is small enough to provide an attractive solution for detached houses and powerful enough for larger tasks.

WPF Set S – twice as strong as a twin

Fully equipped with all essential components, such as control units and hydraulics, the WPF Set S consists of two cascading WPF M S heat pumps. The WPF Set S has output levels that are particularly suitable for the commercial sector.



WPF M S

Benefits for your home

- › Different output sizes and options for cascading enable deployment almost anywhere
- › Up to 60°C heating flow temperature allows the use of traditional radiators
- › Very quiet operation

Model		WPF 7 MS	WPF 10 MS	WPF 14 SET S	WPF 17 SET S	WPF 20 SET S
		222553	222552	223416	223417	223418
Energy efficiency class						
average climate, W55/W35		A+/A++	A+/A++	A+/A++	A+/A++	A+/A++
Height	mm	971	960	971	971	971
Width	mm	510	510	1240	1240	1240
Depth	mm	640	640	640	640	640
Weight, dry	kg	107	120.5	214	227.5	241
Refrigerant		R410 A	R410 A	R410 A	R410 A	R410 A
Heating output at B0/W35 (EN 14511)	kW	7.80	9.90	15.6	17.7	19.8
COP at B0/W35 (EN 14511)		4.40	4.50	4.4	4.5	4.5
Max. application limit on the heating side	°C	60	60	60	60	60





STACKABLE POWER PACKS

A good combination – the perfect DHW solution

- › Specially developed for larger residential complexes, as well as commercial and industrial buildings
- › Potential for remote PC monitoring
- › Space savings as a result of stackability
- › Very quiet operation



red*dot* design award
winner 2008

Model		WPF 20	WPF 27	WPF 35	WPF 40	WPF 52	WPF 66	WPF 27 HT
		233003	233004	233005	233006	233007	233008	233009
Energy efficiency class, average climate, W55/W35		A++/A++	A++/A++	A++/A++	A++/A++	A++/A++	A++/A++	A++/A++
Height	mm	1154	1154	1154	1154	1154	1154	1154
Width	mm	1242	1242	1242	1242	1242	1242	1242
Depth	mm	860	860	860	860	860	860	860
Weight	kg	345	367	391	415	539	655	409
Refrigerant		R410 A	R410 A	R410 A	R410 A	R410 A	R410 A	R134a
Heating output at B0/W35 (EN 14511)	kW	21.5	29.69	38.04	43.1	55.83	67.10	27.41
COP at B0/W35 (EN 14511)		4.66	4.85	4.78	4.67	4.81	4.56	4.34
Max. application limit on the heating side	°C	60	60	60	60	60	60	75

Accessories

DISCOVERING POSSIBILITIES

Our extensive range of accessories allows all our appliances to be adjusted to your personal requirements – for tailor-made convenience. These adaptations can range from the control unit of a single appliance to a complex system – STIEBEL ELTRON offers everything from a single source. For that reason, all components are perfectly matched to each other and guarantee a long service life for lasting solutions. For further information on our extensive range of accessories for your STIEBEL ELTRON products see www.stiebel-eltron.co.uk or speak to your local trade partner.

Heat pump manager

Makes best use of your heat pump's potential

The WPM 3 is the control centre of any STIEBEL ELTRON heat pump system, enabling the entire system to be monitored and controlled.



Room based remote control

Everything important under control

The FE7 remote control enables the required room temperature to be controlled with great accuracy. For example, it makes it possible to accurately and individually set the heat pump operating mode.



We speak one language the world over: German Engineering

We are represented in many key markets throughout the world with our products and solutions. This includes three international production facilities, 23 subsidiaries and agencies in over 120 countries. More than 40 per cent of turnover is now achieved internationally thanks to the high vertical range of manufacture of our products, the well-engineered quality “made in Germany” and in-depth knowledge of local markets.



● Manufacturing facilities

SUCCESS ON FIVE CONTINENTS

STIEBEL ELTRON products are available worldwide. We are represented on the international stage by our own subsidiaries as well as numerous trade partners. With their own sales organisations and service facilities they successfully serve a diverse range of markets.

Your local trade partner:

Have we sparked your interest? For further information, see www.stiebel-eltron.co.uk or consult your local trade partner.



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