WPE-I 59 H 400 Premium

GROUND SOURCE HEAT PUMPS

PRODUCT-NO.: 201414

Quality that packs a punch

This premium heat pump lives up to the quality implied in its name and gives its all throughout your home. In a cascade, it even supplies 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.

WPE-I 33 H 400 Premium
Product-No.: 201412

WPE-I 44 H 400 Premium
Product-No.: 201413

WPE-I 87 H 400 Premium
Product-No.: 201415

The main features

- Ground source heat pump installed indoors for heating and hot water
- Suitable for new build and modernisation projects
- Suitable for cascades with high output requirements
- Optimum output and maximum efficiency thanks to inverter technology
- Low energy costs due to exemplary efficiency
- Particularly quiet operation
- Optional integration into the home network and control via smartphone
- High hot water convenience thanks to high flow temperatures of up to 65 °C

Type	WPE-I 33 H 400 Premium	WPE-I 44 H 400 Premium	WPE-I 59 H 400 Premium
Part no.	201412	201413	201414

Technical data

Energy efficiency class, heat pump W35	A+++	A+++	A+++
Energy efficiency class, heat pump W55	A+++	A+++	A+++
Energy efficiency class, composite system (heat pump + controller) W35	A+++	A+++	A+++
Energy efficiency class, composite system (heat pump + controller) W55	A+++	A+++	A+++
Heating output at B0/W35 (EN 14511)	20,18 kW	26,71 kW	35,60 kW
Heating output at B0/W35 (min./max.)	10-33 kW	11-44 kW	14-59 kW
COP at B0/W35 (EN 14511)	4.73	4.60	4.50
SCOP 35 °C (EN 14825)	5.55	5.65	5.19
Sound power level (EN 12102)	41-56 dB(A)	41-56 dB(A)	46-61 dB(A)
Max. application limit on the heating side	65 °C	65 °C	65 °C
Height	1723 mm	1723 mm	1742 mm
Width	692 mm	692 mm	900 mm
Depth	803 mm	803 mm	848 mm
Weight	300 kg	300 kg	430 kg
Rated voltage, compressor	400 V	400 V	400 V
Refrigerant	R410A	R410A	R410A
Connection, heating side	35 mm	35 mm	42 mm
Connection, hot gas	28 mm	28 mm	28 mm
Connection, heat source side	42 mm	42 mm	54 mm

Type	WPE-I 87 H 400 Premium
Part no.	201415

Technical data

Energy efficiency class, heat pump W35	A+++
Energy efficiency class, heat pump W55	A+++
Energy efficiency class, composite system (heat pump + controller) W35	A+++
Energy efficiency class, composite system (heat pump + controller) W55	A+++
Heating output at B0/W35 (EN 14511)	52,00 kW
Heating output at B0/W35 (min./max.)	21-87 kW
COP at B0/W35 (EN 14511)	4.71
SCOP 35 °C (EN 14825)	5.17
Sound power level (EN 12102)	46-63 dB(A)
Max. application limit on the heating side	65 °C
Height	1742 mm
Width	900 mm
Depth	848 mm
Weight	550 kg
Rated voltage, compressor	400 V
Refrigerant	R410A
Connection, heating side	42 mm
Connection, hot gas	28 mm
Connection, heat source side	54 mm

Contact information

You have questions? We appreciate to help you:
Call **+49 5531 - 7020**
Write an email to **info@stiebel-eltron.com**

Installation information

Please ask your local power supply utility or a registered electrician to install appliances that are not fully wired, i.e. ready to plug in. The electrician should also be able to assist you with obtaining the agreement of the respective power supply utility required for the appliance installation.