

WPE-I 05 H 400 Plus

GROUND SOURCE HEAT PUMPS

PRODUCT-NO.: 205828

Opt for flexibility

This powerhouse works highly efficiently to supply your home with heat and hot water. You have complete freedom of choice when it comes to the cylinder – combine it with any of the DHW cylinders in our range. Since the key components come ready integrated, it will be a quick and simple matter for your installer to get this heat pump up and running for you.

Convenient touch control

Convenient control via the innovative heat pump manager to ensure a pleasant room climate that suits your requirements at all times. Simple and intuitive operation via touchscreen with easy-to-read colour display.

The main features

Ground source heat pump installed indoors for room heating and DHW heating

Suitable for new build and modernisation projects

Also suitable for larger buildings

Low energy costs due to exemplary efficiency

High efficiency through optimally matched components and high grade technology

Very high hot water convenience thanks to flow temperature of up to 62 °C

Cooling function possible thanks to integrated control technology (additional components necessary)



WPE-I 07 H 400 Plus
Product-No.: 205829



WPE-I 10 H 400 Plus
Product-No.: 205831



WPE-I 13 H 400 Plus
Product-No.: 205832



WPE-I 17 H 400 Plus
Product-No.: 205833



Type	WPE-I 05 H 400 Plus	WPE-I 07 H 400 Plus	WPE-I 10 H 400 Plus
Part no.	205828	205829	205831

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)	5,56 kW	7,35 kW	9,81 kW
Heating output at B0/W55 (EN 14511)	5.00 kW	6.84 kW	9.25 kW
Power consumption at B0/W55 (EN 14511)	1.80 kW	2.43 kW	3.04 kW
COP at B0/W35 (EN 14511)	4.40	4.62	4.76
COP at B0/W55 (EN 14511)	2.78	2.81	3.04
SCOP 35 °C (EN 14825)	4.74	4.96	5.09
Sound power level (EN 12102)	44 dB(A)	44 dB(A)	44 dB(A)
Sound power level W35 (EN 12102)	42.00 dB(A)	42.00 dB(A)	42.00 dB(A)
Sound power level W55 (EN 12102)	44.00 dB(A)	44.00 dB(A)	44.00 dB(A)
Max. application limit on the heating side	60 °C	60 °C	60 °C
Height	1430 mm	1430 mm	1430 mm
Width	600 mm	600 mm	600 mm
Depth	707 mm	707 mm	707 mm
Weight	113 kg	125 kg	130 kg
Rated voltage, compressor	400 V	400 V	400 V
Rated voltage, emergency/auxiliary heater	400 V	400 V	400 V

Refrigerant

R452B

R452B

R452B



Type	WPE-I 13 H 400 Plus	WPE-I 17 H 400 Plus
Part no.	205832	205833

Technical data

Energy efficiency class, heat pump W35	A+++	A+++
Energy efficiency class, heat pump W55	A++	A++
Energy efficiency class, composite system (heat pump + controller) W35	A+++	A+++
Energy efficiency class, composite system (heat pump + controller) W55	A++	A++
Heating output at B0/W35 (EN 14511)	12,42 kW	16,69 kW
Heating output at B0/W55 (EN 14511)	11.85 kW	15.77 kW
Power consumption at B0/W55 (EN 14511)	3.94 kW	5.30 kW
COP at B0/W35 (EN 14511)	4.52	4.43
COP at B0/W55 (EN 14511)	3.01	2.98
SCOP 35 °C (EN 14825)	4.94	4.79
Sound power level (EN 12102)	46 dB(A)	46 dB(A)
Sound power level W35 (EN 12102)	45.00 dB(A)	45.00 dB(A)
Sound power level W55 (EN 12102)	46.00 dB(A)	46.00 dB(A)
Max. application limit on the heating side	60 °C	60 °C
Height	1430 mm	1430 mm
Width	600 mm	600 mm
Depth	707 mm	707 mm
Weight	135 kg	148 kg
Rated voltage, compressor	400 V	400 V
Rated voltage, emergency/auxiliary heater	400 V	400 V

Refrigerant

R452B

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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.