

WPL 13 E

PRODUCT-NO.: 227756

Experience a strong performance on any terrain

One of the most versatile models of all our air source heat pumps, it has plenty to offer – almost regardless of which building you need it to supply efficiently with heat. Even at outside temperatures of minus 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.



The main features

Air source heat pump installed indoors or outdoors for heating

Ideally suited to modernisation

High output and excellent COP even at low outside temperatures

Cost savings through efficient heat pump defrosting



Type	WPL 13 E	WPL 18 E	WPL 23 E
Part no.	227756	227757	227758

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 A7/W35 (EN 14511)	8.93 kW	12.90 kW	16.56 kW
Heating output at A2/W35 (EN 14511)	8.09 kW	11.30 kW	15.73 kW
Heating output at A-7/W35 (EN 14511)	6.77 kW	9.72 kW	13.21 kW
COP at A7/W35 (EN 14511)	4.35	4.46	3.99
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 (EN 14825)	3.85	4.00	3.775
Sound power level (EN 12102)	64 dB(A)	65 dB(A)	65 dB(A)
Sound power level, outdoor installation (EN 12102)	64 dB(A)	65 dB(A)	65 dB(A)
Min./max. application limits for heat source	-20...40 °C	-20...40 °C	-20...40 °C
Max. application limit on the heating side	60 °C	60 °C	60 °C
Height	1116 mm	1116 mm	1116 mm
Width	784 mm	784 mm	784 mm
Depth	1182 mm	1182 mm	1182 mm
Weight	205 kg	212 kg	211 kg
Rated voltage, compressor	400 V	400 V	400 V
Rated voltage, emergency/auxiliary heater	400 V	400 V	400 V

Rated voltage, control unit	230 V	230 V	230 V
Refrigerant	R407C	R407C	R407C
Colour	white	white	

The housing required for indoor or outdoor installation is available as an accessory. Wall outlets and air hoses for indoor installation must be ordered separately and are available as accessories in various versions.

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.