

# WPL 13 E

AIR | WATER HEAT PUMPS

PRODUCT-NO.: 227756

The heat pumps in the WPL E series are suitable for both new build and renovations. The intermediate vapour injection means a high flow temperature and exemplary heating output are achieved even at low outside temperatures. Even at -20 °C, the WPL still reaches flow temperatures of +60 °C. This ensures efficient heating and DHW operation throughout the year. The lower the required flow temperature, the higher the efficiency of the heat pump. The distance between the fins of the evaporator, the heating of the condensate pan via the refrigerant circuit, and the control of the refrigerant circuit reversal enable optimum defrosting and therefore efficient operation.



## The main features

Air-water heat pumps

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High output and excellent COP even at low outside temperatures

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For internal or external installation

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Ideally suited to modernisation

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Extremely quiet operation

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Also ideal for use in older buildings

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High coefficient of performances

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Integral electric booster heater

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Efficient defrosting

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Refrigerant circuit heating of the defrost pan



Type	WPL 13 E	WPL 18 E	WPL 23 E
Part no.	227756	227757	227758
Output at A2/W35 (EN 14511)	8,09 kW	11,30 kW	15,73 kW
Output at A-7/W35 (EN 14511)	6,77 kW	9,72 kW	13,21 kW
Coefficient of performance at A-7/W35 (EN 14511)	3,20	3,27	3,14
Coefficient of performance at A2/W35 (EN 14511)	3,76	3,73	3,62

#### Technical data

Energy efficiency class, heat pump W35	A++	A++	A+
Energy efficiency class, W55 heat pump	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+
SCOP (EN 14825)	3,85	4,00	3,775
Sound power level outdoor installation (EN 12102)	62 dB(A)	65 dB(A)	65 dB(A)
Sound pressure level at 5 m distance in a free field	39 dB(A)	39 dB(A)	39 dB(A)
Sound power level indoor installation (EN 12102)	56 dB(A)	57 dB(A)	58 dB(A)
Rated compressor voltage	400 V	400 V	400 V
Rated voltage, emergency/booster heater	400 V	400 V	400 V
Rated control voltage	230 V	230 V	230 V
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

Preliminary specification

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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](mailto: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.