

# WPL 18 cool

PRODUCT-NO.: 223401

Experience a strong performance on any terrain

One of the most versatile models of all our air source heat pumps, this model 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. Even greater versatility is possible with the version that has an additional cooling function. Thanks to the special air routing module, these models can even be installed inside your house if required.

## The main features

Air source heat pump installed indoors or outdoors for heating and cooling

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Ideally suited to modernisation

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High output and excellent COP even at low outside temperatures

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Cost savings through efficient heat pump defrosting





Type	WPL 13 cool	WPL 18 cool	WPL 23 cool
Part no.	223400	223401	223402

## 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)	9.01 kW	12.30 kW	14.45 kW
Heating output at A2/W35 (EN 14511)	8.10 kW	11.30 kW	14.14 kW
Heating output at A-7/W35 (EN 14511)	6.60 kW	9.72 kW	12.27 kW
COP at A7/W35 (EN 14511)	4.00	4.30	3.52
COP at A2/W35 (EN 14511)	3.40	3.70	3.23
COP at A-7/W35 (EN 14511)	3.00	3.20	2.91
SCOP (EN 14825)	3.75	4.075	3.475
Sound power level (EN 12102)	64 dB(A)	65 dB(A)	65 dB(A)
Sound power level, outdoor installation (EN 12102)	62 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	210 kg	214 kg	220 kg
Rated voltage, compressor	400 V	400 V	400 V
Rated voltage, emergency/auxiliary heater	400 V	400 V	400 V

<b>Rated voltage, control unit</b>	230 V	230 V	230 V
<b>Refrigerant</b>	R407C	R407C	R407C
<b>Colour</b>	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. The new WPL cool heat pump offers you every convenience in modern room conditioning. Under its clean external lines, this heat pump hides innovative technology that can heat and cool. An electronic expansion valve ensures the optimum control of all processes. Its unique control technology allows it to adjust itself to both operating modes. That optimises efficiency, both in heating and the cooling mode. As a futureproof investment, the modern heat pump system contributes substantially to an increase in comfort and property value. Like the WPL, the WPL cool is available for indoor or outdoor installation, making it the ideal choice for modernisation projects.

## **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.