

# WPL 23 cool

AIR SOURCE HEAT PUMPS

PRODUCT-NO.: 223402

## 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 -20 °C, this heat pump achieves high flow temperatures and is therefore also ideally suited to installation in a modernised older building.

## 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 the 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.



**WPL 13 cool**

Product-No.: 223400



**WPL 18 cool**

Product-No.: 223401

## 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+          |
| SCOP 35 °C (EN 14825)                              | 3.75        | 4.075       | 3.475       |
| 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        |
| 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       |
| 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      |
| Refrigerant  | R407C       | R407C       | R407C       |

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.

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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.