

# WPL-A 10.2 W Plus HK 230

AIR SOURCE HEAT PUMPS

PRODUCT-NO.: 208428

## Added efficiency and eco-friendliness

With outstanding efficiency and exceptionally quiet operation, this air source heat pump installed outdoors for heating, cooling and hot water is bound to impress. Efficiency benefits that also pay off for the environment whether in new build or modernisation. Your existing building can also be heated extremely efficiently, regardless of its modernisation status. And this is universally possible, via classic radiators or underfloor heating. Even at the lowest outside temperatures, you can enjoy cosy warmth and unbeatable hot water convenience at all times. In summer, you also have the option of cooling your home via underfloor heating.

## Simply flexible through and through

On your flat roof, outside on the house wall or simply on the ground – with the right accessories and thanks to its exceptionally quiet operation, you have all the options for installing your heat pump. And it can be controlled just as flexibly. A few degrees warmer or pleasantly cooler – it's up to you. Because, with the right accessories, you can control your preferred temperature easily and conveniently via the app. A visual plus too: for an even more aesthetic appearance, the plinth, wall mounting bracket and even the feet can be clad in the appropriate design.

## Convenience for you – a bonus for the climate

Thanks to the natural refrigerant used and this specially designed heat pump, you can heat even more efficiently and in a more eco-friendly way to deliver benefits that pay off for you as well as for our climate. Do you own a photovoltaic system or are you planning on installing one? It can also be seamlessly integrated to utilise self-generated electricity for even greater cost savings.

## The main features

Impressively efficient air source heat pump installed outdoors for heating and cooling

Exceptionally quiet operation makes flexible installation possible even in confined spaces



**WPL-A 07.2 W Plus HK 230**

Product-No.: 208427



**WPL-A 10.2 W Plus HK 400**

Product-No.: 208429



**WPL-A 13.2 W Plus HK 400**

Product-No.: 208430

High integration capability thanks to a choice of colours in anthracite or white

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Universal use with classic radiators or underfloor heating possible

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Ideally suited for new build, modernisation or existing buildings

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Futureproof thanks to the use of a natural refrigerant

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Convenient operation via an app, even when out and about (additional component required)

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Low operating costs thanks to energy efficiency class up to A+++



## Type

|          | WPL-A 07.2 W<br>Plus HK 230 | WPL-A 10.2 W<br>Plus HK 230 | WPL-A 10.2 W<br>Plus HK 400 |
|----------|-----------------------------|-----------------------------|-----------------------------|
| Part no. | 208427                      | 208428                      | 208429                      |

## Technical data

|                                                            |             |             |             |
|------------------------------------------------------------|-------------|-------------|-------------|
| Energy efficiency class, heat pump W35 (A+++ → D)          | A+++        | A+++        | A+++        |
| Energy efficiency class, heat pump W55 (A+++ → D)          | A+++        | A+++        | A+++        |
| SCOP 35 °C (EN 14825)                                      | 5.09        | 4.96        | 4.96        |
| SCOP 55 °C (EN 14825)                                      | 4.02        | 3.99        | 3.99        |
| COP at A7/W35 (EN 14511)                                   | 5.50        | 5.40        | 5.40        |
| COP at A2/W35 (EN 14511)                                   | 4.57        | 4.54        | 4.54        |
| COP at A-7/W35 (EN 14511)                                  | 3.25        | 3.15        | 3.15        |
| Energy efficiency ratio at A35/W7 max.                     | 2.97        | 2.76        | 2.76        |
| Energy efficiency ratio at A35/W18 partial load (EN 14511) | 5.29        | 5.46        | 5.46        |
| Energy efficiency ratio at A35/W18 max.                    | 4.28        | 4.01        | 4.01        |
| Heating output at A7/W35 (EN 14511)                        | 3.05 kW     | 4.32 kW     | 4.32 kW     |
| Heating output at A2/W35 (EN 14511)                        | 3.29 kW     | 4.09 kW     | 4.09 kW     |
| Heating output at A-7/W35 (EN 14511)                       | 7.09 kW     | 10.07 kW    | 10.07 kW    |
| Max. cooling capacity at A35/W7                            | 6.51 kW     | 9.33 kW     | 9.33 kW     |
| Cooling capacity at A35/W18 partial load (EN 14511)        | 3.15 kW     | 4.29 kW     | 4.29 kW     |
| Max. cooling capacity at A35/W18                           | 6.98 kW     | 10.51 kW    | 10.51 kW    |
| Sound power level (EN 12102)                               | 43 dB(A)    | 46 dB(A)    | 46 dB(A)    |
| Min./max. application limits for heat source               | -25 / 40 °C | -25 / 40 °C | -25 / 40 °C |
| Max. application limit on the heating side                 | 75 °C       | 75 °C       | 75 °C       |
| Height                                                     | 960 mm      | 1144 mm     | 1144 mm     |

|                           |                          |                          |                          |
|---------------------------|--------------------------|--------------------------|--------------------------|
| Width                     | 1170 mm                  | 1170 mm                  | 1170 mm                  |
| Depth                     | 727 mm                   | 727 mm                   | 727 mm                   |
| Weight                    | 145 kg                   | 166 kg                   | 166 kg                   |
| Rated voltage, compressor | 230 V                    | 230 V                    | 400 V                    |
| Refrigerant               | R290                     | R290                     | R290                     |
| Colour                    | Signal white<br>RAL 9003 | Signal white<br>RAL 9003 | Signal white<br>RAL 9003 |



## Type

**WPL-A 13.2 W  
Plus HK 400**

Part no.

208430

## Technical data

|                                                            |             |
|------------------------------------------------------------|-------------|
| Energy efficiency class, heat pump W35 (A+++ → D)          | A+++        |
| Energy efficiency class, heat pump W55 (A+++ → D)          | A+++        |
| SCOP 35 °C (EN 14825)                                      | 4.89        |
| SCOP 55 °C (EN 14825)                                      | 4.01        |
| COP at A7/W35 (EN 14511)                                   | 5.41        |
| COP at A2/W35 (EN 14511)                                   | 4.41        |
| COP at A-7/W35 (EN 14511)                                  | 3.11        |
| Energy efficiency ratio at A35/W7 max.                     | 3.14        |
| Energy efficiency ratio at A35/W18 partial load (EN 14511) | 5.41        |
| Energy efficiency ratio at A35/W18 max.                    | 4.11        |
| Heating output at A7/W35 (EN 14511)                        | 5.79 kW     |
| Heating output at A2/W35 (EN 14511)                        | 4.82 kW     |
| Heating output at A-7/W35 (EN 14511)                       | 13.15 kW    |
| Max. cooling capacity at A35/W7                            | 10.09 kW    |
| Cooling capacity at A35/W18 partial load (EN 14511)        | 5.81 kW     |
| Max. cooling capacity at A35/W18                           | 12.95 kW    |
| Sound power level (EN 12102)                               | 45 dB(A)    |
| Min./max. application limits for heat source               | -25 / 40 °C |
| Max. application limit on the heating side                 | 75 °C       |
| Height                                                     | 1365 mm     |

|                           |                          |
|---------------------------|--------------------------|
| Width                     | 1170 mm                  |
| Depth                     | 727 mm                   |
| Weight                    | 205 kg                   |
| Rated voltage, compressor | 400 V                    |
| Refrigerant               | R290                     |
| Colour                    | Signal white<br>RAL 9003 |

**Contact information**

You have questions? We appreciate to help you:

Call **+27 10 001 85 47** Write an email to **[info@stiebel-eltron.co.za](mailto:info@stiebel-eltron.co.za)**

**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.