

# WPL-A Premium Pack 7

AIR SOURCE HEAT PUMPS

PRODUCT-NO.: 204906

## The main features

Air source heat pump set for maximum efficiency in new build or modernisation

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Mono block heat pump, with its variable speed compressors, ensures perfectly matched heating output and high flow temperatures all year round

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DHW cylinder and buffer cylinder with integral hydraulic components including heat pump manager for heat pumps and heating circuit connection in a single casing

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Thanks to flow separation, the heating system can be integrated easily and very safely



## Set-Components 1



|             |                            |
|-------------|----------------------------|
| Type        | WPL-A 07 HK<br>230 Premium |
| Product set | WPL-A<br>Premium Pack 7    |

## Technical data

|  |          |
|--|----------|
| Energy efficiency class, heat pump W35                                 | A+++     |
| Energy efficiency class, heat pump W55                                 | A+++     |
| Energy efficiency class, composite system (heat pump + controller) W35 | A+++     |
| Energy efficiency class, composite system (heat pump + controller) W55 | A+++     |
| Heating output at A7/W35 (EN 14511)                                    | 3.31 kW  |
| Heating output at A2/W35 (EN 14511)                                    | 4.30 kW  |
| Heating output at A-7/W35 (EN 14511)                                   | 6.87 kW  |
| Max. cooling capacity at A35/W7  | 7.30 kW  |
| Cooling capacity at A35/W18 partial load                               | 4.94 kW  |
| Max. cooling capacity at A35/W18                                       | 10.15 kW |
| COP at A7/W35 (EN 14511)   | 5.42     |
| COP at A2/W35 (EN 14511)   | 4.30     |
| COP at A-7/W35 (EN 14511)  | 2.93     |
| Energy efficiency ratio at A35/W7 max.                                 | 2.35     |
| Energy efficiency ratio at A35/W18 partial load                        | 4.28     |
| Energy efficiency ratio at A35/W18 max.                                | 2.87     |
| SCOP 35 °C (EN 14825)  | 4.88     |

|  |           |
|--|-----------|
| Sound power level (EN 12102)                 | 48 dB(A)  |
| Min./max. application limits for heat source | -25/40 °C |
| Max. application limit on the heating side   | 75 °C     |
| Height                                       | 900 mm    |
| Width  | 1270 mm   |
| Depth  | 593 mm    |
| Weight                                       | 135 kg    |
| Rated voltage, compressor                    | 230 V     |
| Rated voltage, emergency/auxiliary heater    | 230 V     |
| Refrigerant                                  | R454C     |

## Set-Components 2



|             |                         |
|-------------|-------------------------|
| Type        | HSBC 200 S (GB) Set     |
| Product set | WPL-A<br>Premium Pack 7 |

## Technical data

|  |                     |
|--|---------------------|
| Energy efficiency class                  | B                   |
| Standby energy consumption/24 h at 65 °C | 1.30 kWh            |
| Nominal capacity, DHW cylinder           | 168 l               |
| Nominal capacity, buffer cylinder        | 100 l               |
| Surface area, heat exchanger             | 3.30 m <sup>2</sup> |
| Capacity, heat exchanger                 | 21 l                |
| Height                                   | 1908 mm             |
| Width                                    | 680 mm              |
| Depth                                    | 871 mm              |
| Height when tilted                       | 2107 mm             |
| Weight                                   | 203 kg              |

## Set-Components **3**



Type

FET

Product set

WPL-A  
Premium Pack 7

## Technical data

Width

145 mm

Height

96 mm

Depth

31 mm

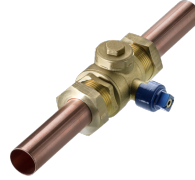
Set-Components **4**



|             |                         |
|-------------|-------------------------|
| Type        | ISG web                 |
| Product set | WPL-A<br>Premium Pack 7 |

Technical data

|                             |               |
|-----------------------------|---------------|
| Version                     | Wall mounting |
| 10/100 Ethernet             | RJ45          |
| CAN                         | RJ45          |
| RS232                       | RJ12          |
| Width                       | 158 mm        |
| Height                      | 95 mm         |
| Depth                       | 37 mm         |
| Min./max. application range | 0 / 60 °C     |

Set-Components **5**

|             |                         |
|-------------|-------------------------|
| Type        | FS-WP 28                |
| Product set | WPL-A<br>Premium Pack 7 |

## Technical data

|            |                            |
|------------|----------------------------|
| Connection | G 1 1/4 A /<br>Cu 28 x 1.5 |
|------------|----------------------------|

Further information about the set components can be found under the respective product.

## **Contact information**

Do you have additional questions? Then please do not hesitate to contact us, we would be only too happy to help:

Call 0151 346 2300

Or send an e-mail to

[sales@stiebel-eltron.co.uk](mailto:sales@stiebel-eltron.co.uk)

Only a qualified contractor should carry out the installation, commissioning, maintenance and repair of this appliance. Where applicable and prior to installation the electricity and/or water utility companies should be notified of your intention to install the product.