

# WPL Plus Pack 3

AIR SOURCE HEAT PUMPS

PRODUCT-NO.: 204913

## The main features

Separate buffer cylinder for separation of flow rates for maximum operational reliability

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High hot water convenience due to separate DHW cylinder

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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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Optional active cooling by reversing the refrigerant cycle



## Set-Components 1



Type	WPL 25 ACS
Product set	WPL Plus Pack 3

## 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)	8.00 kW
Heating output at A2/W35 (EN 14511)	8.33 kW
Heating output at A-7/W35 (EN 14511)	12.86 kW
Max. cooling capacity at A35/W7	14.88 kW
Cooling capacity at A35/W18 partial load	6.76 kW
Max. cooling capacity at A35/W18	17.06 kW
COP at A7/W35 (EN 14511)	4.82
COP at A2/W35 (EN 14511)	4.14
COP at A-7/W35 (EN 14511)	2.98
Energy efficiency ratio at A35/W7 max.	2.38
Energy efficiency ratio at A35/W18 partial load	3.76
Energy efficiency ratio at A35/W18 max.	2.83
SCOP 35 °C (EN 14825)	4.53
Sound power level (EN 12102)	55 dB(A)

Min./max. application limits for heat source	-20-40 °C
Max. application limit on the heating side	65 °C
Height	1045 mm
Width	1490 mm
Depth	593 mm
Weight	175 kg
Rated voltage, compressor	230 V
Rated voltage, emergency/auxiliary heater	230 V
Refrigerant	R410A

Set-Components **2**

## Type

**SBB 302  
WP (GB) Set**

## Product set

WPL Plus Pack 3

## Technical data

Energy efficiency class	C
Nominal capacity	290 l
Surface area, heat exchanger, top	4.80 m <sup>2</sup>
Height	1770 mm
Diameter	700 mm
Height when tilted	1750 mm
Weight, empty	184 kg

Set-Components **3**

Type	SBP 100 Plus
Product set	WPL Plus Pack 3

## Technical data

Energy efficiency class	C
Standby energy consumption/24 h at 65 °C	1.50 kWh
Nominal capacity	100 l
Height	750 mm
Diameter	542 mm
Weight	140 kg

Set-Components **4**

Type

WPM

Product set

WPL Plus Pack 3

## Technical data

Protection class	I
IP rating	IP21
Supply voltage	230 V
Width	310 mm
Height	400 mm
Depth	100 mm

Set-Components **5**

Type	UP 25/7.5 PCV
Product set	WPL Plus Pack 3

## Technical data

Energy Efficiency Index EEI	0.20
Connection	G 1 1/2
Delivery head	8.40 m
Max. flow rate	4.00 m <sup>3</sup> /h
Power consumption	10-60 W
Rated voltage	230 V
Control via 0-10 V signal with IF module	-
Control via differential pressure	x
Control via PWM signal	x
Installation length (centre distance)	180 mm

## Set-Components **6**

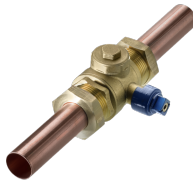


Type	FET
Product set	WPL Plus Pack 3

## Technical data

Width	145 mm
Height	96 mm
Depth	31 mm



Set-Components **7**

Type	FS-WP 28
Product set	WPL Plus Pack 3

## Technical data

Connection	G 1 1/4 A / Cu 28 x 1.5
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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 436 96

Or send an e-mail to

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

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.