

WPL Plus Pack 4

AIR SOURCE HEAT PUMPS

PRODUCT-NO.: 204914

The main features

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

High hot water convenience due to separate DHW cylinder

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

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

Optional active cooling by reversing the refrigerant cycle



Set-Components 1



Type	WPL 25 ACS
Product set	WPL Plus Pack 4

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	STH 210 Plus
Product set	WPL Plus Pack 4

Technical data

Energy efficiency class	B
Standby energy consumption/24 h at 65 °C	1.10 kWh
Nominal capacity	207 l
Height	1535 mm
Diameter incl. thermal insulation	630 mm
Height when tilted	1650 mm
Weight	58 kg

Set-Components **3**

Type

**SBB 302
WP (GB) Set**

Product set

WPL Plus Pack 4

Technical data

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

Set-Components **4**

Type

WPM

Product set

WPL Plus Pack 4

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 4

Technical data

Energy Efficiency Index EEI	0.20
Connection	G 1 1/2
Delivery head	8.40 m
Max. flow rate	4.00 m ³ /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 4

Technical data

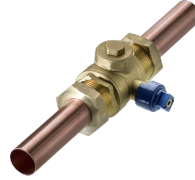
Width	145 mm
Height	96 mm
Depth	31 mm

Set-Components **7**

Type	BBI 5-I
Product set	WPL Plus Pack 4

Technical data

Connection	G 1 1/4 / Cu 28 x 1.5
Max. operating pressure	0.30 MPa

Set-Components **8**

Type	FS-WP 28
Product set	WPL Plus Pack 4

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

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.