

ASHP 14.8kW / 300 Premium Compact Pack

AIR SOURCE HEAT PUMPS

PRODUCT-NO.: 204912

The pack provides a an energy efficient and sleek heating and hot water solution for your home, delivering comfort and warmth even when the weather falls below zero. Our WPL 25 ACS air source heat pump is the most powerful in our range, making it suitable for larger properties with higher heating & hot water demands. The packs integral indoor system, gives you heating and hot water supply from a single unit, perfect for properties limited on space. The main controller for the unit is mounted on the front of the cylinder and keeps your system running to its maximum efficiency. Pack includes a room thermostat so you can monitor the temperature of your home. Internet service gateway enables you to control your heating and hot water from our app and allows your installer to remotley diagnose any system issues. Engineered to give you excellent running costs but also to be easy to live with. We have taken extra care in our heat pump design to make our unit super quiet.



The main features

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

The integral WPM heat pump manager makes the system easier to install

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	ASHP 14.8kW / 300 Premium Compact Pack

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)	4.53
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
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	HSBC 300 cool (GB) Set
Product set	ASHP 14.8kW / 300 Premium Compact Pack

Technical data

Energy efficiency class (A+ → F)	B
Standby energy consumption/24 h at 65 °C	1.50 kWh
Nominal capacity, DHW cylinder	270 l
Nominal capacity, buffer cylinder	100 l
Surface area, heat exchanger	3.20 m ²
Capacity, heat exchanger	21 l
Height	1918 mm
Width	680 mm
Depth	910 mm
Height when tilted	2123 mm
Weight	250 kg

Set-Components **3**



Type

FET

Product set

ASHP 14.8kW /
300 Premium
Compact Pack

Technical data

Width

145 mm

Height

96 mm

Depth

31 mm

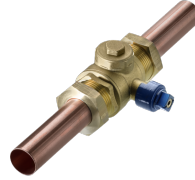
Set-Components **4**



Type	ISG web
Product set	ASHP 14.8kW / 300 Premium Compact Pack

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	ASHP 14.8kW / 300 Premium Compact Pack

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 relevant 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

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.