

WPL-A 12 HK 400 Plus

PRODUCT-NO.: 204778

The main features

The air source heat pump for heating and cooling is installed outdoors

Inverter technology allows ideally matched heating output through the variable speed compressor

Even at low outside temperatures, the enhanced (saturated) vapour injection of the heat pump achieves a high flow temperature

Can be integrated into the home network and operated via a smartphone

Improved room climate in summer with active cooling using circuit reversal

Low operating costs as mono mode DHW heating is possible

Quiet operation thanks to encapsulated refrigerant circuit and variable matched fan speed

High efficiency and low operating costs all year round, thanks to optimally matched components





Type	WPL-A 12 HK 400 Plus
Part no.	204778

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)	8.66 kW
Heating output at A2/W35 (EN 14511)	8.10 kW
Heating output at A-7/W35 (EN 14511)	11.32 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)	4.61
COP at A2/W35 (EN 14511)	3.74
COP at A-7/W35 (EN 14511)	2.84
Max. energy efficiency ratio at A35/W7	2.38
Energy efficiency ratio at A35/W18 partial load	3.76
Max. energy efficiency ratio at A35/W18	2.83
SCOP (EN 14825)	4.05
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	400 V
Rated voltage, emergency/auxiliary heater	400 V
Refrigerant	R410A

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**

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.