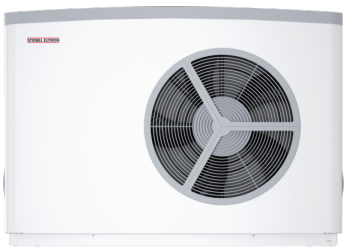
HPA-O 13 CS Premium

AIR SOURCE HEAT PUMPS

PRODUCT-NO.: 238981

Efficient heating with a top performer

When outside temperatures are far below zero, you'd rather be indoors in a well heated room. Providing you with a warm and cosy interior is no problem for this outdoor air source heat pump. It continues to operate at maximum efficiency even when the mercury drops below freezing. Furthermore, thanks to high flow temperatures, you can even use the appliance to heat traditional radiators.

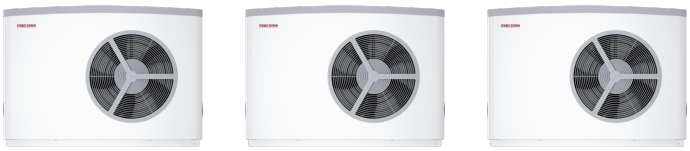


The main features

- Air source heat pump installed outdoors for heating and cooling
- Ideal for new build and modernisation
- Inverter technology for high efficiency and low energy bills
- Low noise emissions due to intelligent appliance design
- Operating noise can be further reduced in night mode ("silent mode")
- Optional integration into the home network and control via smartphone (additional components required)
- Flow temperatures of up to 65 °C for first rate hot water convenience
- High energy efficiency class A++ even when using radiators

HPA-O 10 C Premium
Product-No.: 238979

HPA-O 13 C Premium
Product-No.: 238983



Type	HPA-O 10 C Premium	HPA-O 13 C Premium	HPA-O 13 CS Premium
Part no.	238979	238983	238981

Technical data

Energy efficiency class, heat pump W35 (A+++ → D)	A+++	A+++	A+++
Energy efficiency class, heat pump W55 (A+++ → D)	A++	A++	A++
SCOP 35 °C (EN 14825)	4.87	4.76	4.53
Heating output at A7/W35 (EN 14511)	7.84 kW	7.84 kW	8.00 kW
Heating output at A2/W35 (EN 14511)	8.33 kW	8.33 kW	8.33 kW
Heating output at A-7/W35 (EN 14511)	9.54 kW	12.86 kW	12.86 kW
Max. cooling capacity at A35/W7	11.49 kW	14.88 kW	14.88 kW
Cooling capacity at A35/W18, partial load (EN 14511)	6.76 kW	6.76 kW	6.76 kW
Max. cooling capacity at A35/W18	15.26 kW	17.06 kW	17.06 kW
COP at A7/W35 (EN 14511)	5.09	5.09	4.82
COP at A2/W35 (EN 14511)	4.14	4.14	4.14
COP at A-7/W35 (EN 14511)	3.26	2.93	2.98
Energy efficiency ratio at A35/W7 max.	2.53	2.38	2.38
Energy efficiency ratio at A35/W18, partial load (EN 14511)	3.76	3.76	3.76
Energy efficiency ratio at A35/W18 max.	3.12	2.83	2.83
Sound power level (EN 12102)	55 dB(A)	55 dB(A)	55 dB(A)
Min./max. application limits for heat source	-20/40 °C	-20 / 40 °C	-20 / 40 °C
Max. application limit on the heating side	65 °C	65 °C	65 °C
Height	1045 mm	1045 mm	1045 mm
Width	1490 mm	1490 mm	1490 mm

Depth	593 mm	593 mm	593 mm
Weight	175 kg	175 kg	175 kg
Rated voltage, compressor	400 V	400 V	230 V
Rated voltage, emergency/auxiliary heater	400 V	400 V	230 V
Refrigerant	R410A	R410A	R410A
Colour	white	white	white

Contact information

You have questions? We appreciate to help you:
Call **+49 5531 - 7020**
Write an email to **info@stiebel-eltron.com**

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.