

HPA-0 7 CS Premium

AIR-WATER HEAT PUMPS

PRODUCT-NO.: 238977

The main features

Air-water heat pump installed outdoors for heating and cooling

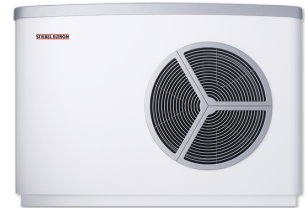
With energy efficient inverter technology for high flow temperatures even during cold winters

Suitable for buildings set closely together thanks to low operating noise

Can be combined with a solar thermal system

Integral cooling function

High energy efficiency class A++ even at a flow temperature of 55 °C





Type	HPA-O 10 C Premium	HPA-O 13 C Premium	HPA-O 7 CS Premium
Part no.	238979	238983	238977
Output at A2/W35 (EN 14511)	8,33 kW	8,33 kW	4,23 kW
Output at A-7/W35 (EN 14511)	9,54 kW	12,86 kW	6,86 kW
Coefficient of performance at A-7/W35 (EN 14511)	3,26	2,93	2,83
Coefficient of performance at A2/W35 (EN 14511)	4,14	4,14	3,88

Technical data

Energy efficiency class, heat pump W35	A+++	A+++	A++
Energy efficiency class, W55 heat pump	A++	A++	A++
Energy efficiency class, composite system (heat pump + controller) W35	A+++	A+++	A+++
Energy efficiency class, composite system (heat pump + controller) W55	A++	A++	A++
SCOP (EN 14825)	4,87	4,76	4,04
Cooling capacity at A35/W7 max.	11,49 kW	14,88 kW	7,86 kW
Cooling capacity factor at A35/W7 max.	2,53	2,38	2,41
Cooling capacity at A35/W7 partial load	6,76 kW	6,76 kW	3,27 kW
Cooling capacity factor at A35/W7 partial load	2,93	2,93	2,79
Sound power level (EN 12102)	54 dB(A)	54 dB(A)	50 dB(A)
Sound pressure level at 5 m distance in a free field	32 dB(A)	32 dB(A)	28 dB(A)
Rated compressor voltage	400 V	400 V	230 V
Rated voltage, emergency/booster heater	400 V	400 V	230 V
Max. application limit on the heating side	65 °C	65 °C	65 °C
Height	1,045 mm	1,045 mm	900 mm
Width	1,490 mm	1,490 mm	1,270 mm

Depth	593 mm	593 mm	593 mm
Weight	175 kg	175 kg	160 kg



Type	HPA-O 13 CS Premium	HPA-O 10 Premium	HPA-O 13 Premium
Part no.	238981	238978	238982
Output at A2/W35 (EN 14511)	8,33 kW	8,33 kW	8,33 kW
Output at A-7/W35 (EN 14511)	12,86 kW	9,54 kW	12,86 kW
Coefficient of performance at A-7/W35 (EN 14511)	2,98	3,26	2,93
Coefficient of performance at A2/W35 (EN 14511)	4,14	4,14	4,14
Technical data			
Energy efficiency class, heat pump W35	A+++	A+++	A+++
Energy efficiency class, W55 heat pump	A++	A++	A++
Energy efficiency class, composite system (heat pump + controller) W35	A+++	A+++	A+++
Energy efficiency class, composite system (heat pump + controller) W55	A++	A++	A++
SCOP (EN 14825)	4,53	4,70	4,63
Cooling capacity at A35/W7 max.	14,88 kW		
Cooling capacity factor at A35/W7 max.	2,38		
Cooling capacity at A35/W7 partial load	6,76 kW		
Cooling capacity factor at A35/W7 partial load	2,93		
Sound power level (EN 12102)	54 dB(A)	54 dB(A)	54 dB(A)
Sound pressure level at 5 m distance in a free field	32 dB(A)	32 dB(A)	32 dB(A)
Rated compressor voltage	230 V	400 V	400 V
Rated voltage, emergency/booster heater	230 V	400 V	400 V
Max. application limit on the heating side	65 °C	65 °C	65 °C
Height	1,045 mm	1,045 mm	1,045 mm
Width	1,490 mm	1,490 mm	1,490 mm

Depth	593 mm	593 mm	593 mm
Weight	175 kg	175 kg	175 kg



Type	HPA-O 7 S Premium	HPA-O 13 S Premium
Part no.	238976	238980
Output at A2/W35 (EN 14511)	4,23 kW	8,33 kW
Output at A-7/W35 (EN 14511)	6,86 kW	12,86 kW
Coefficient of performance at A-7/W35 (EN 14511)	2,83	2,98
Coefficient of performance at A2/W35 (EN 14511)	3,88	4,14

Technical data

Energy efficiency class, heat pump W35	A++	A++
Energy efficiency class, W55 heat pump	A+	A++
Energy efficiency class, composite system (heat pump + controller) W35	A++	A+++
Energy efficiency class, composite system (heat pump + controller) W55	A++	A++
SCOP (EN 14825)	3,84	4,39
Cooling capacity at A35/W7 max.		
Cooling capacity factor at A35/W7 max.		
Cooling capacity at A35/W7 partial load		
Cooling capacity factor at A35/W7 partial load		
Sound power level (EN 12102)	50 dB(A)	54 dB(A)
Sound pressure level at 5 m distance in a free field	28 dB(A)	32 dB(A)
Rated compressor voltage	230 V	230 V
Rated voltage, emergency/booster heater	230 V	230 V
Max. application limit on the heating side	65 °C	65 °C
Height	900 mm	1,045 mm
Width	1,270 mm	1,490 mm

Depth	593 mm	593 mm
Weight	160 kg	175 kg

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.