HPA-O 10.2 Plus HC 230

AIR SOURCE HEAT PUMPS

PRODUCT-NO.: 207432

Added efficiency and eco-friendliness

With outstanding efficiency and exceptionally quiet operation, this air source heat pump installed outdoors for heating, cooling and hot water is bound to impress. Efficiency benefits that also pay off for the environment whether in new build or modernisation. Your existing building can also be heated extremely efficiently, regardless of its modernisation status. And this is universally possible, via classic radiators or underfloor heating. Even at the lowest outside temperatures, you can enjoy cosy warmth and unbeatable hot water convenience at all times. In summer, you also have the option of cooling your home via underfloor heating.

Simply flexible through and through

On your flat roof, outside on the house wall or simply on the ground – with the right accessories and thanks to its exceptionally quiet operation, you have all the options for installing your heat pump. And it can be controlled just as flexibly. A few degrees warmer or pleasantly cooler – it's up to you. Because you can control your preferred temperature easily and conveniently via an app or touchscreen display. A visual plus too: for an even more aesthetic appearance, the plinth, wall mounting bracket and even the feet can be clad in the appropriate design.

Convenience for you – a bonus for the climate

Thanks to the natural refrigerant used and this specially designed heat pump, you can heat even more efficiently and in a more eco-friendly way to deliver benefits that pay off for you as well as for our climate. Do you own a photovoltaic system or are you planning on installing one? It can also be seamlessly integrated to utilise self-generated electricity for even greater cost savings.

HPA-O 05.2 Plus HC 230
Product-No.: 207429

HPA-O 07.2 Plus HC 230
Product-No.: 207430

HPA-O 10.2 Plus HC 400
Product-No.: 207433

HPA-O 13.2 Plus HC 400
Product-No.: 207435

The main features

Impressively efficient air source heat pump installed outdoors for heating and cooling

Exceptionally quiet operation makes flexible installation possible even in confined spaces

- Universal use with classic radiators or underfloor heating possible
- Ideally suited for new build, modernisation or existing buildings
- Futureproof thanks to the use of a natural refrigerant
- Convenient operation via an app, even when out and about (additional component required)
- High integration capability thanks to a choice of colours in anthracite or white

Type	HPA-O 05.2 Plus HC 230	HPA-O 07.2 Plus HC 230	HPA-O 10.2 Plus HC 230
Part no.	207429	207430	207432

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)	5.35	5.09	4.96
SCOP 55 °C (EN 14825)	4.07	4.02	3.99
Heating output at A7/W35 (EN 14511)	2.77 kW	3.05 kW	4.32 kW
Heating output at A2/W35 (EN 14511)	3.14 kW	3.29 kW	4.09 kW
Heating output at A-7/W35 (EN 14511)	5.22 kW	7.09 kW	10.07 kW
Max. cooling capacity at A35/W7	4.50 kW	6.51 kW	9.33 kW
Cooling capacity at A35/W18 partial load (EN 14511)	3.15 kW	3.15 kW	4.29 kW
Max. cooling capacity at A35/W18	4.96 kW	6.98 kW	10.51 kW
COP at A7/W35 (EN 14511)	5.48	5.50	5.40
COP at A2/W35 (EN 14511)	4.72	4.57	4.54
COP at A-7/W35 (EN 14511)	3.47	3.25	3.15
Energy efficiency ratio at A35/W7 max.	3.29	2.97	2.76
Energy efficiency ratio at A35/W18 partial load (EN 14511)	5.29	5.29	5.46
Energy efficiency ratio at A35/W18 max.	4.87	4.28	4.01
Sound power level (EN 12102)	43 dB(A)	43 dB(A)	46 dB(A)
Min./max. application limits for heat source	-25 / 40 °C	-25 / 40 °C	-25 / 40 °C
Max. application limit on the heating side	75 °C	75 °C	75 °C
Height	960 mm	960 mm	1144 mm

Width	1170 mm	1170 mm	1170 mm
Depth	727 mm	727 mm	727 mm
Weight	144 kg	145 kg	166 kg
Rated voltage, compressor	230 V	230 V	230 V
Refrigerant	R290	R290	R290
Colour	Dark grey RAL 7021	Dark grey RAL 7021	Dark grey RAL 7021

Type	HPA-O 10.2 Plus HC 400	HPA-O 13.2 Plus HC 400
Part no.	207433	207435

Technical data

Energy efficiency class, heat pump W35 (A+++ → D)	A+++	A+++
Energy efficiency class, heat pump W55 (A+++ → D)	A+++	A+++
SCOP 35 °C (EN 14825)	4.96	4.89
SCOP 55 °C (EN 14825)	3.99	4.01
Heating output at A7/W35 (EN 14511)	4.32 kW	5.79 kW
Heating output at A2/W35 (EN 14511)	4.09 kW	4.82 kW
Heating output at A-7/W35 (EN 14511)	10.07 kW	13.15 kW
Max. cooling capacity at A35/W7	9.33 kW	10.09 kW
Cooling capacity at A35/W18 partial load (EN 14511)	4.29 kW	5.81 kW
Max. cooling capacity at A35/W18	10.51 kW	12.95 kW
COP at A7/W35 (EN 14511)	5.40	5.41
COP at A2/W35 (EN 14511)	4.54	4.41
COP at A-7/W35 (EN 14511)	3.15	3.11
Energy efficiency ratio at A35/W7 max.	2.76	3.14
Energy efficiency ratio at A35/W18 partial load (EN 14511)	5.46	5.41
Energy efficiency ratio at A35/W18 max.	4.01	4.11
Sound power level (EN 12102)	46 dB(A)	45 dB(A)
Min./max. application limits for heat source	-25 / 40 °C	-25 / 40 °C
Max. application limit on the heating side	75 °C	75 °C
Height	1144 mm	1365 mm

Width	1170 mm	1170 mm
Depth	727 mm	727 mm
Weight	166 kg	205 kg
Rated voltage, compressor	400 V	400 V
Refrigerant	R290	R290
Colour	Dark grey RAL 7021	Dark grey RAL 7021

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.