

WPL 25 AS

AIR | WATER HEAT PUMPS

PRODUCT-NO.: 236642

The inverter air-water heat pump design offers many benefits for both new build and modernisation projects. As an outdoor installation, the appliance requires minimal space indoors and can be sited even in densely built-up areas, due to exceptionally quiet operation. Thanks to the high quality of the individual parts, these models reach an output level that enables flow temperatures of up to + 65 °C to be achieved. Quick installation is ensured by the hydraulic connection and straightforward connection concept. In short, this is an appliance designed to provide an outstanding level of convenience all round. Furthermore, the heat pumps can be combined with a variety of DHW, system and buffer cylinders from STIEBEL ELTRON.



The main features

Air-water heat pump installed outdoors for heating

High efficiency due to demand-dependent control of the inverter compressor

Increased efficiency through enhanced saturated vapour injection

High coefficient of performance

Extremely quiet operation

Condensate pan is defrosted efficiently via the refrigerant circuit

Time optimised and energy efficient defrosting by reversing the circuit

Control via WPM 2.1 or WPM 3 heat pump manager (required accessory)

Up to + 65 °C flow temperature possible

Low energy consumption due to advanced efficiency technology

Versatile combination options with the STIEBEL ELTRON cylinder range



Type	WPL 20 A	WPL 25 A	WPL 20 AC
Part no.	236640	236644	236641
Output at A-7/W35 (EN 14511)	9,54 kW	12,86 kW	9,54 kW
Output at A2/W35 (EN 14511)	8,33 kW	8,33 kW	8,33 kW
Coefficient of performance at A2/W35 (EN 14511)	4,14	4,14	4,14
Coefficient of performance at A-7/W35 (EN 14511)	3,26	2,93	3,26

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)	4,70	4,63	4,87
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	400 V	400 V	400 V
Rated voltage, emergency/booster heater	400 V	400 V	400 V
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



Type	WPL 25 AC	WPL 15 ACS	WPL 25 ACS
Part no.	236645	236639	236643
Output at A-7/W35 (EN 14511)	12,86 kW	6,86 kW	12,86 kW
Output at A2/W35 (EN 14511)	8,33 kW	4,23 kW	8,33 kW
Coefficient of performance at A2/W35 (EN 14511)	4,14	3,88	4,14
Coefficient of performance at A-7/W35 (EN 14511)	2,93	2,83	2,98

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)	4,76	4,04	4,53
Sound power level (EN 12102)	54 dB(A)	50 dB(A)	54 dB(A)
Sound pressure level at 5 m distance in a free field	32 dB(A)	28 dB(A)	32 dB(A)
Rated compressor voltage	400 V	230 V	230 V
Rated voltage, emergency/booster heater	400 V	230 V	230 V
Max. application limit on the heating side	65 °C	65 °C	65 °C
Height	1045 mm	900 mm	1045 mm
Width	1490 mm	1270 mm	1490 mm
Depth	593 mm	593 mm	593 mm
Weight	175 kg	160 kg	175 kg



Type	WPL 15 AS	WPL 25 AS
Part no.	236638	236642
Output at A-7/W35 (EN 14511)	6,86 kW	12,86 kW
Output at A2/W35 (EN 14511)	4,23 kW	8,33 kW
Coefficient of performance at A2/W35 (EN 14511)	3,88	4,14
Coefficient of performance at A-7/W35 (EN 14511)	2,83	2,98

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
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	1045 mm
Width	1270 mm	1490 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.