

WPL 25 AS

AIR | WATER HEAT PUMPS

PRODUCT-NO.: 232492

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

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

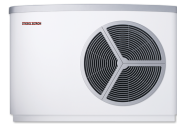


Type	WPL 15 ACS	WPL 15 AS	WPL 20 AC	WPL 20 A
Part no.	234759	232491	236007	236006
Output at A2/W35 (EN 14511)	4,23 kW	4,23 kW	6,83 kW	6,83 kW
Output at A-7/W35 (EN 14511)	6,86 kW	6,86 kW	9,54 kW	9,54 kW
Coefficient of performance at A2/W35 (EN 14511)	3,88	3,88	4,00	4,00
Coefficient of performance at A-7/W35 (EN 14511)	2,83	2,83	3,26	3,26

Technical data

Energy efficiency class, heat pump W35	A++	A++	A++	A++
Energy efficiency class, W55 heat pump	A++	A+	A++	A++
Energy efficiency class, composite system (heat pump + controller) W35	A+++	A++	A+++	A++
Energy efficiency class, composite system (heat pump + controller) W55	A++	A++	A++	A++
Cooling capacity at A35/W7 max.	7,86 kW		11,49 kW	
Cooling capacity factor at A35/W7 max.	2,41		2,53	
Cooling capacity at A35/W7 partial load	2,15 kW		4,80 kW	
Cooling capacity factor at A35/W7 partial load	2,39		2,84	
Sound power level (EN 12102)	55 dB(A)	55 dB(A)	56 dB(A)	56 dB(A)

Sound pressure level at 5 m distance in a free field	33 dB(A)	33 dB(A)	34 dB(A)	34 dB(A)
Rated compressor voltage	230 V	230 V	400 V	400 V
Rated voltage, emergency/booster heater	230 V	230 V	400 V	400 V
Max. application limit on the heating side	65 °C	65 °C	65 °C	65 °C
Height	900 mm	900 mm	1045 mm	1045 mm
Width	1270 mm	1270 mm	1490 mm	1490 mm
Depth	593 mm	593 mm	593 mm	593 mm
Weight	140 kg	140 kg	175 kg	175 kg



Type	WPL 25 A	WPL 25 ACS	WPL 25 AS
Part no.	232493	234761	232492
Output at A2/W35 (EN 14511)	8,33 kW	8,32 kW	8,32 kW
Output at A-7/W35 (EN 14511)	12,86 kW	13,05 kW	13,05 kW
Coefficient of performance at A2/W35 (EN 14511)	4,17	3,96	3,96
Coefficient of performance at A-7/W35 (EN 14511)	2,93	2,98	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++
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		4,80 kW	
Cooling capacity factor at A35/W7 partial load		2,84	
Sound power level (EN 12102)	56 dB(A)	56 dB(A)	56 dB(A)

Sound pressure level at 5 m distance in a free field	34 dB(A)	34 dB(A)	34 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	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

Contact information

Do you have additional questions? Then please do not hesitate to contact us, we would be only too happy to help:

Call 0151 346 2300

Or send an e-mail to

sales@stiebel-eltron.co.uk

Only a qualified contractor should carry out the installation, commissioning, maintenance and repair of this appliance. Where applicable and prior to installation the electricity and/or water utility companies should be notified of your intention to install the product.