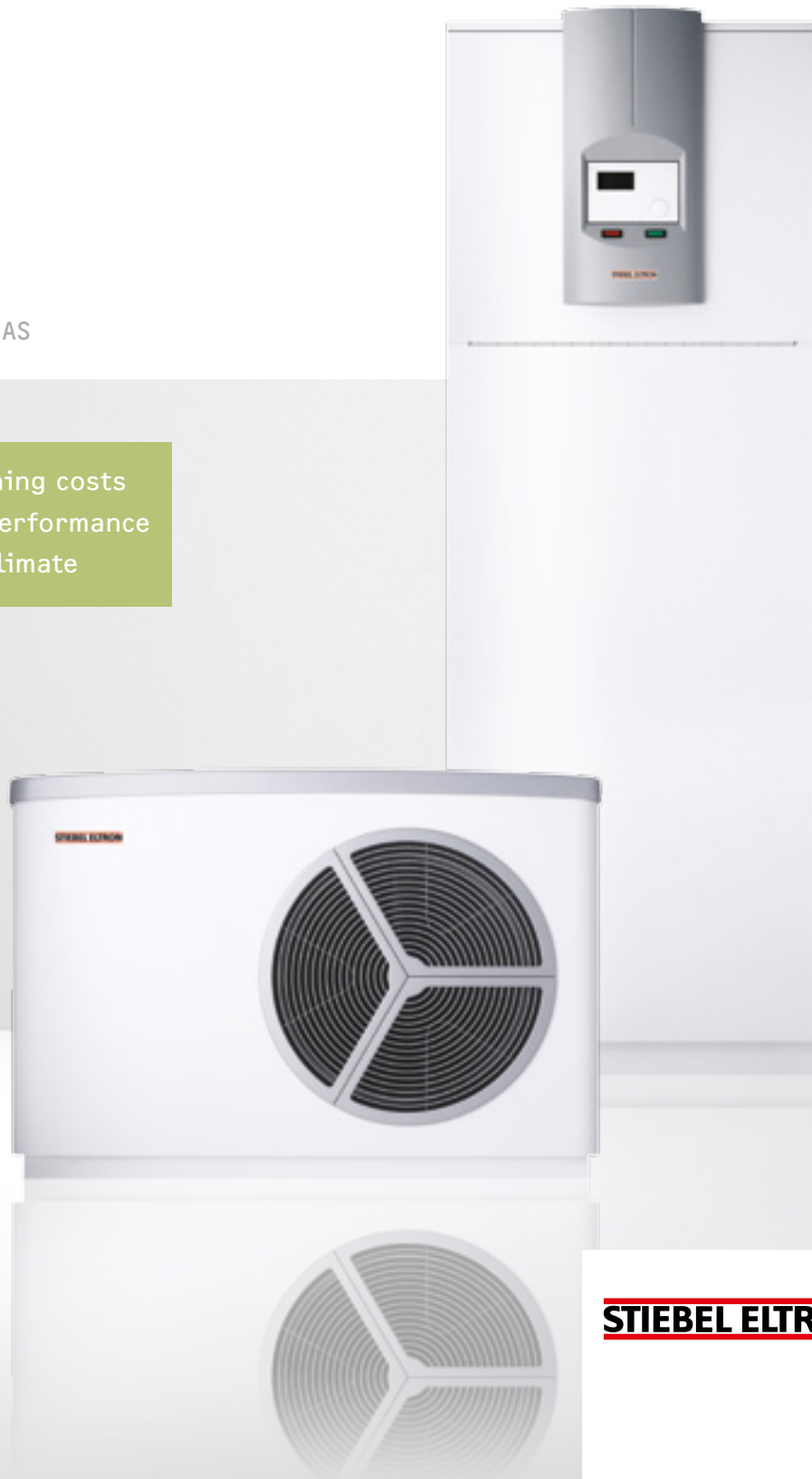


# The benchmark for energy efficiency

› WPL 15 AS | WPL 25 AS

- › Extremely low running costs
- › Industry leading performance
- › Optimised for UK climate

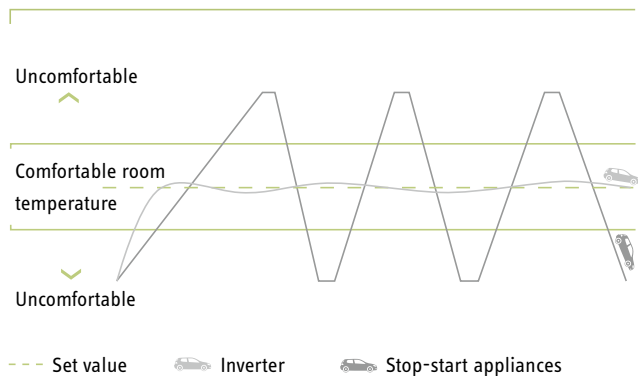


**STIEBEL ELTRON**

# Inverter heat pumps

## Setting new standards in efficiency

### Comparison of inverter technology



- › Continuous output matching
- › Higher efficiency in partial load range
- › Very quiet
- › Suitable for new build and refurbishment projects
- › Performance at temperatures as low as  $-20^{\circ}\text{C}$
- › Industry leading efficiency and heating output

**Generating heat with precision** | Standard heat pumps are either ON or OFF. No matter what the current demand, these heat pumps run at full load – even if only for a short time. As any motorist knows, frequently stopping and starting is not a particularly efficient way to drive, as it sends fuel consumption levels through the roof.

In contrast, STIEBEL ELTRON heat pumps employ inverter technology, which operates much more evenly and efficiently. With inverter technology, the heat pump matches its output to the required heat demand with the highest degree of precision. For example, following night setback, the heat pump will operate with a higher output. During the day, however, when the room temperature may only vary by the odd degree, it will run with a much lower output. Instead of a stop-start pattern, a much more even and energy efficient operation results, which closely mirrors the actual heat demand of the building. In addition to this higher level of energy efficiency, this technology holds another advantage: on average, the fan and compressor are significantly quieter because of their reduced load.

Innovative enhanced vapour injection (EVI) brings yet another gain in efficiency to the system.



# Inverter – Air | Water heat pump

## WPL 15 AS | WPL 25 AS

### Features & benefits of the system

- › Minimal energy consumption – resulting in very low running costs
- › Intelligent acoustic design making the heat pump whisper quiet
- › 65°C hot water temperatures even when it is as low as -4°C outside – giving you a plentiful supply of hot water just when you need it
- › Eligible for Renewable Heat Incentive (RHI) – providing an even faster return on your investment
- › Blue Fin coated evaporator – suitable for installing in coastal locations
- › German design and engineering – quality guaranteed



### WPL 15 AS | WPL 25 AS

- › Inverter driven compressor optimised for UK weather conditions
- › High efficiency due to demand-dependent control
- › Increased efficiency through enhanced vapour injection (EVI)
- › High coefficient of performance of over 4\*
- › Extremely quiet operation
- › Condensate pan is defrosted efficiently via the refrigerant circuit
- › Up to + 65°C flow temperature possible

Model	WPL 15 AS	WPL 25 AS
	<b>232491</b>	<b>232492</b>
Heat output at A7/W35 (EN 14511)	kW 4,28	8,00
Heat output at A-7/W35 (EN 14511)	kW 6,86	13,05
CoP at A7 / W35 (EN 14511)	4,55	4,85
CoP at A-7 / W35 (EN 14511)	2,83	2,98
Sound power level (EN 12102)	dB(A) 55	56
Heat source application limit (min.)	°C -20	-20
Heat source application limit (max.)	°C 40	40
Min. application limit, heating side	°C 15	15
Min. application limit, heating side	°C 65	65
Height / Width / Depth	mm 900/1270/593	1045/1490/593
Weight	kg 140	175



\*tested to EN14511 A/2 W/35

### Your local installer's contact details

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