

Ground source heat pump

NIBE S1255



The NIBE S1255 is an intelligent, inverter-controlled ground source heat pump with an integrated copper water heater as standard but, depending on the water quality, stainless steel or enamel are also available as alternatives. NIBE S1255 provides optimised savings as the heat pump always automatically adapts to your home's heating demands.

The NIBE S1255 has a high seasonal performance factor, which results in low operating costs. The heat pump is available in three different output sizes: 1.5–6 kW and 3–12 kW and is suitable for both small and large properties.

With integrated wifi connection, the NIBE S Series becomes a natural part of your connected home. Smart technology adjusts the indoor climate automatically while you exercise complete control from your phone or tablet. High comfort level and low energy consumption – and you're doing nature a favour at the same time.



The system's efficiency class for heating.



Product efficiency class and tap profile for hot water.

- Two output sizes and leading inverter technology for optimised customisation.
- Optimised seasonal performance factor and operating cost.
- User-friendly touchscreen and integrated wireless connection with energy-saving smart technology for a high level of comfort.

NIBE S1255		1.5 – 6 kW	3 – 12 kW
Product's efficiency class 35/55°C ²⁾		A+++ / A+++	
System efficiency class, room heating 35/55°C ¹⁾		A+++ / A+++	
Efficiency class, hot water/charging profile ³⁾		A / XL	
Nominal heating output (P _{design,h})		6	12
SCOP _{EN14825} cold climate, 35 °C / 55 °C		5.5 / 4.1	5.4 / 4.3
SCOP _{EN14825} average climate, 35 °C / 55 °C		5.2 / 4.0	5.2 / 4.1
Output data according to EN 14511 nominal 0 / 35 – Rated output	kW	3.15	5.06
Output data according to EN 14511 nominal 0/35 – COP _{EN14511}		4.72	4.87
Sound power level (L _{WA}) according to EN 12102 at 0/35	dB(A)	36 – 43	36 – 47
Rated voltage		1x230V	
Quantity of refrigerant in CO ₂ -equivalent	tonnes	2.06	3.55
Height/width/depth	mm	1 800 / 600 / 620	
Integrated hot water heater	l	180	
Weight of complete heat pump	kg	183	213

¹⁾ Scale for product's efficiency class, room heating A+++ to D. ²⁾ Scale for system's efficiency class for room heating: A+++ – G. Reported system efficiency takes the product's temperature regulator into account. ³⁾ Scale for efficiency class, hot water: A+ – F.