

Ground source heat pump NIBE F1255 PC

NIBE F1255 PC is an intelligent, inverter-controlled ground source heat pump with integrated passive cooling and an integrated hot water tank.

NIBE F1255 PC provides optimum savings since the heat pump always performs efficiently and automatically adapts to your home's heating demand all year round. NIBE is a leading player in the field of inverter technology, with many years' experience of variable output ground source heat pumps and one of the widest product ranges on the market. NIBE F1255 PC has a high seasonal performance factor, resulting in minimal operating costs. The heat pump is available in the output size: 1.5–6 kW.

Thanks to smart technology, the product gives you control over your energy consumption and will be a key part of your connected home. The efficient control system automatically adjusts the indoor climate for maximum comfort, and you do nature a favour at the same time.

- Heat pump with integrated hot water tank and cooling.
- High seasonal performance factor and minimal operating costs with leading inverter technology that adjust operation according to requirements.
- Energy-saving smart technology with user-friendly control for maximum comfort.



Specifications NIBE F1255 PC

NIBE F1255 PC		1.5–6 kW
Space heating efficiency class 35°C / 55°C ¹⁾		A+++ / A+++
Space heating efficiency class of the system 35°C / 55°C ²⁾		A+++/A+++
Efficiency class hot water / charging profile ³⁾		A / XL
Nominal heating output (P _{designh})	kW	6
SCOP _{EN14825} cold climate, 35°C / 55°C		5.5 / 4.1
SCOP _{EN14825} average climate, 35°C / 55°C		5.2 / 4.0
Output data according to EN 14511 nominal 0/35 – Rated output	kW	3.15
Output data according to EN 14511 nominal 0/35 – COP _{EN14511}		4.72
Sound power level (L _{WA}) according to EN 12102 at 0/35	dB(A)	36 – 43
Rated voltage		400V 3N ~ 50 Hz
Refrigerant amount in CO ₂ -equivalent	ton	2.06
Height / Width / Depth	mm	1800 / 600 / 620
Intergrated hot water heater	l	180
Weight complete heat pump	kg	240

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

Comfort through connectivity

We always strive to maximize the outcome of every product carrying the NIBE name while focusing on the system as a whole through connectivity. This way, we can offer you a wide range of smart and highly efficient products that can cool, heat, ventilate and supply your home with hot water. By harvesting power from nature, you can create the perfect indoor climate and enjoy the comforts of your home with minimal impact on the environment. To us, that's what really matters.

It's in our nature.



The system's efficiency class for heating.



The product's efficiency class and tap profile for hot water.