



Ground source heat pump **NIBE F1253**



NIBE F1253 is an intelligent, inverter-controlled ground source heat pump with integrated water heater. NIBE F1253 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 F1253 has a high seasonal performance factor, resulting in minimal operating costs. The heat pump is available in the output sizes: 4 and 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.



- **Two output sizes and leading inverter technology for optimum customisation.**
- **Optimal seasonal performance factor and minimal operating costs.**
- **Energy-saving smart technology with user-friendly control for maximum comfort.**

Specifications NIBE F1253

NIBE F1253	4 kW		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		
SCOP _{EN14825} cold climate, 35°C / 55°C	5,2/4,0		
SCOP _{EN14825} average climate, 35°C / 55°C	5,5/4,1		
Nominal heating output (P _{designh})	kW	4	6
Heating capacity	kW	1,5-4	1,9-6
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 – 50Hz		
Refrigerant amount in CO ₂ -equivalent	ton	2,06	
Height / Width / Depth	mm	1800/600/620	
Weight complete heat pump	kg	ca 180	
Vikt, komplett värmepump	kg	220	

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.

Sustainable energy solutions

Since 1952, NIBE has been manufacturing energy-efficient and sustainable climate solutions for your home. It all started in Markaryd in Sweden and we value our Nordic heritage by harnessing the power of nature. We combine renewable energy with smart technology in order to offer effective solutions so that together we can build a more sustainable future.

Whether it's a chilly winter's day or a hot summer's afternoon, we need a well-balanced indoor climate for a comfortable everyday life, whatever the weather. Our wide range of products supplies your home with cooling, heating, ventilation and hot water, so that you can create a pleasant indoor climate with a low impact on nature.

A+++

The system's efficiency class for heating.

A  **XL**

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