

Ground source heat pump NIBE F1155

NIBE F1155 is an intelligent heat pump fitted with inverter controlled compressor and speed-controlled circulation pumps. Suitable for small and large residential buildings. The heat pump adjusts itself automatically to the power demand of the house. This results in optimal savings as the heat pump always runs at the correct performance all year round without the addition of extra electrical peaks.

With its smart technological features, this product will play an essential part of your connected home. It will provide you with a self-adjusting control system that regulates your indoor climate in an efficient way. You will do the environment a favor while maintaining all the comfort in your home.

FEATURES OF NIBE F1155

Optimal SCOP thanks to the inverter controlled compressor.

Minimal operating costs, no expensive peaks when it is cold outside. The compressor adapts as necessary.

High temperature range

■ Flow line temperature up to 65°C (70°C)

■ Return line temperature up to 58°C



Specifications NIBE F1155

F1155		1,5–6 kW	3–12 kW	4–16 kW
Space heating efficiency class of the system 35°C / 55°C ¹⁾		A+++/A+++		
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SCOP _{EN14825} average climate, 35°C / 55°C		5.2 / 4.0	5.2 / 4.1	5.2 / 4.1
SCOP _{EN14825} cold climate, 35°C / 55°C		5.5 / 4.1	5.4 / 4.3	5.5 / 4.2
Nominal heating output (P _{designh})	kW	6	12	16
Output data according to EN 14511 nominal 0/35 – Rated output	kW	3.15	5.06	8.89
Output data according to EN 14511 nominal 0/35 – COP _{EN14511}		4.72	4.87	4.85
Sound power level (L _{WA}) <small>according to EN 12102 at 0/35</small>	dB(A)	36 – 43	36 – 47	36 – 47
Rated voltage		400V 3N ~ 50 Hz		
Refrigerant amount in CO ₂ -equivalent	ton	2.06	3.55	3.90
Height / Width / Depth	mm	1500 / 600 / 620		
Weight complete heat pump	kg	150	180	185

¹⁾ Reported efficiency for the system takes the product's temperature regulator into account.

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 together with VPB 300 (applies to F1155-6).



The product's efficiency class and tap profile for hot water together with VPB 300 (applies to F1155-12 and -16).

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