

Ground source heat pump NIBE F1345

The NIBE F1345 is one of a new generation of heat pumps, designed to supply your heating and tap water needs in a cost-effective, environmentally friendly way. With its two large scroll compressors, NIBE F1345 is the ideal ground source heat pump for multi-occupancy buildings, industrial premises, churches and other buildings with a large heat demand. The compressors collaborate and engage as necessary, give better power control, less wear and greater operational ability.

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 F1345

Double compressors give better power control, longer operating periods, less wear and greater operational security.

Less than 5 tonnes CO₂ equivalent refrigerant amount per cooling module.

Up to 540 kW with 9 x F1345 in the same system.



Specifications NIBE F1345

		F1345-24	F1345-30	F1345-40	F1345-60
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		4.8 / 3.8	4.7 / 3.6	4.8 / 3.8	4.6 / 3.7
SCOP _{EN14825} cold climate, 35°C / 55°C		5.0 / 4.0	4.9 / 3.8	5.0 / 3.9	4.7 / 3.8
Nominal heating output (P _{design})	kW	28	35	46	67
Output data according to EN 14511 nominal 0/35 – COP _{EN14511}		4.65	4.44	4.49	4.32
Sound power level (L _{WA}) <small>according to EN 12102 at 0/35</small>	dB(A)	47			
Rated voltage		400V 3N ~ 50 Hz			
Refrigerant amount in CO ₂ -equivalent	ton	2 x 3.55	2 x 3.55	2 x 3.02	2 x 3.55
Height / Width / Depth	mm	1800 / 600 / 620			
Weight complete heat pump	kg	320	330	345	346

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 35 °C.

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The NIBE logo, consisting of a red diamond-shaped symbol followed by the word 'NIBE' in a bold, red, sans-serif font.