



NIBE



Exhaust air heat pump NIBE S735C

The NIBE S735C is an intelligent inverter-controlled exhaust air heat pump with an integrated water heater, providing heating, cooling, hot water and ventilation efficiently and economically. The built-in cooling function keeps the indoor temperature down during the hot summer period. The heat pump provides high savings as it automatically adapts to your home's heating demand. It works with a natural refrigerant for a sustainable footprint on climate and nature.

The NIBE S735C has a high seasonal performance factor, which results in low operating costs. A low noise level, stylish design and compact size make it easy to put in place and install. Designed for new builds and also suitable for replacements. With NIBE supply air modules it is also suitable for homes with exhaust and supply air ventilation.

With integrated Wi-Fi and the possibility of connecting to wireless accessories, the NIBE S-Series will become a natural part of your connected home. Smart technology adjusts the indoor climate automatically and gives you full control over the system via your smartphone or tablet. A high level of comfort and low energy consumption – and you're doing nature a favour at the same time.



- **High seasonal performance factor and low operating costs for both new builds and replacements, with a natural refrigerant for a sustainable climate and environmental footprint.**
- **Low noise level, stylish design and built-in cooling.**
- **User-friendly touchscreen and integrated wireless connection with energy-saving smart technology for a high comfort level.**

NIBE S735C Specifications


NIBE S735C		4	7
System's efficiency class for room heating at 35/55°C ¹⁾		A+++ / A+++	A+++ / A+++
Product's efficiency class for room heating at 35/55°C ²⁾		A+++ / A++	A+++ / A+++
Efficiency class for hot water/charging profile ³⁾		A / XL	A / XL
Seasonal performance factor _{EN14825} for average climate, 35/55°C		5.07 / 3.76	4.80 / 3.84
Seasonal performance factor _{EN14825} for cold climate, 35/55°C		5.37 / 3.91	5.14 / 3.99
Seasonal performance factor _{EN14825} for warm climate, 35/55°C		4.97 / 3.8	4.92 / 3.86
Nominal heating output (P _{designH})	kW	4	6
Nominal cooling output (P _{designC})	kW	2	2
SEER		2.7	2.21
Output data in accordance with EN 14511 Specified heating output (P _H) / COP	kW / -	1.00 / 3.49 ⁴⁾	1.38 / 3.70 ⁵⁾
Output data in accordance with EN 14511 Specified heating output (P _H) / COP	kW / -	1.38 / 4.76 ⁶⁾	1.55 / 4.97 ⁷⁾
Output data in accordance with EN 14511 Specified heating output (P _H) / COP	kW / -	4.21 / 3.35 ⁸⁾	5.25 / 2.57 ⁹⁾
Output data in accordance with EN 14511 Specified cooling output (P _C) / EER	kW / -	1.14 / 2.01 ¹⁰⁾	1.57 / 1.53 ¹¹⁾
Output data in accordance with EN 14511 Specified cooling output (P _C) / EER	kW / -	2.05 / 2.21 ¹²⁾	2.97 / 1.77 ¹³⁾
Output data in accordance with EN 14511 Specified cooling output (P _C) / EER	kW / -	1.13 / 2.01 ¹⁴⁾	1.64 / 1.81 ¹⁵⁾
Sound power level in accordance with EN 12102 (L _{w(A)}) ¹⁶⁾	dB(A)	39-47	40-53
Rated voltage	V	400 V 3N - 50Hz, 230 V - 50Hz	400 V 3N - 50Hz, 230 V - 50Hz
Hot water capacity 40 °C EN16147 ¹⁷⁾	liter	223-264	223-264
Height (with base)/width/depth	mm	2125/600/620	2125/600/620
Weight of complete heat pump	kg	198	216

¹⁾ Scale for system's efficiency class for room heating: A+++ - G. Reported system efficiency takes the product's temperature regulator into account. ²⁾ Scale for product's efficiency class for room heating A+++ - D. ³⁾ Scale for efficiency class for hot water: A+ - F. ⁴⁾ A20 (12) W35, exhaust air flow 17 l/s (61 m³/h) at min. compressor frequency. ⁵⁾ A20 (12) W35, exhaust air flow 25 l/s (90 m³/h) at min. compressor frequency. ⁶⁾ A20 (12) W35, exhaust air flow 40 l/s (144 m³/h) 70 l/s (252 m³/h) at min. compressor frequency. ⁷⁾ A20 (12) W35, exhaust air flow 70 l/s (252 m³/h) at max. compressor frequency. ⁸⁾ A20 (12) W35, exhaust air flow 70 l/s (252 m³/h) at max. compressor frequency. ⁹⁾ A20 (12) W45, exhaust air flow 70 l/s (252 m³/h) at max. compressor frequency. ¹⁰⁾ A23.5W18, exhaust air flow 33 l/s (120 m³/h) at max. compressor frequency. ¹¹⁾ A23.5W18, exhaust air flow 50 l/s (180 m³/h) at max. compressor frequency. ¹²⁾ A23.5W18, exhaust air flow 50 l/s (180 m³/h) at max. compressor frequency. Accessory OEK is required. ¹³⁾ A23.5W18, exhaust air flow 50 l/s (180 m³/h) at max. compressor frequency. Accessory OEK is required. ¹⁴⁾ A23.5W18, exhaust air flow 17 l/s (60 m³/h) max. compressor frequency. Accessory OEK is required. ¹⁵⁾ A23.5W18, exhaust air flow 25 l/s (90 m³/h) max. compressor frequency. Accessory OEK is required. ¹⁶⁾ Value varies with selected fan speed. For more comprehensive sound data, including sound to ducts, visit nibe.se ¹⁷⁾ The value varies depending on the choice of demand mode ("Small", "Medium" or "Large")


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.



System's efficiency class for room heating at 35°C



System's efficiency class for room heating at 55°C.



Product's efficiency class and tap profile for hot water.

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