



NIBE



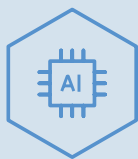
Hydrobox NIBE SPLIT SHB 20/AMS 20

The NIBE SHB 20 is a compact hydrobox suitable for air to water split systems. The outdoor module NIBE AMS is connected with refrigerant pipes to the NIBE SHB 20. The NIBE SHB 20 provides optimum savings since the heat pump automatically adjusts to the property's output requirements all year round.



The system is a fully equipped indoor unit for heating/cooling and prepared for hot water production - in combination with NIBE SPLIT AMS outdoor unit. The system works down to an outdoor temperature of -20°C and supplies up to 58°C in supply line temperature. The effective cooling function allows the heat pump to deliver a comfortable indoor climate even at high outdoor temperatures.

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.



- **Combine NIBE SHB 20 with a NIBE AMS heat pump for an energy-efficient climate system.**
- **High capacity even down to -20°C and well-developed cooling function.**
- **Simple and easy-to-place installation. You choose a separate hot water tank according to your needs.**

NIBE SPLIT SHB 20 / AMS 20 / AMS 10 Specifications

		NIBE SHB 20-6 NIBE AMS 20-6	NIBE SHB 20-12 NIBE AMS 20-10	NIBE SHB 20-6 NIBE AMS 10-6	NIBE SHB 20-12 NIBE AMS 10-8	NIBE SHB 20-12 NIBE AMS 10-12
Efficiency class 35/55°C Product Label ¹⁾		A+++ / A++			A++ / A++	
Efficiency class 35/55°C Package Label ²⁾		A+++ / A++				
SCOP _{EN14825} Average climate 35/55°C		5.1/3.6	4.6/3.4	4.8 / 3.5	4.4 / 3.2	4.4 / 3.4
SCOP _{EN14825} Cold climate 35/55°C		4.1 / 3.0	3.9 / 2.9	3.6 / 2.9	3.5 / 2.8	3.6 / 2.9
P _{design} Average climate 35/55°C	kW	5.2 / 5.6	6.3 / 6.5	4.8 / 5.3	8.2 / 7.0	11.5 / 10
P _{design} Cold climate 35/55°C	kW	5.8 / 5.7	6.5 / 6.2	4.0 / 5.6	9 / 10	11.5 / 13
7/35 Heat capacity / COP, EN14511, nominal	kW	2.6 / 5.4	4.0 / 5.3	2.6 / 5.3	3.4 / 4.6	5.2 / 4.8
Maximum / Minimum supply line temperature	°C	58 / 7				
Sound power level (L _{WA}), EN12102 at 7/45, nominal	dB(A)	54		51	55	58
Height / Width / Depth – AMS	mm	640 / 800 / 290	750 / 880 / 340	640 / 800 / 290	750 / 880 / 340	845 / 970 / 370
Height / Width / Depth – SHB 20	mm	850 / 515 / 345				
Weight NIBE AMS / SHB 20	kg	46 / 52	60 / 56	46 / 52	60 / 56	74 / 56

M13596 CIL EN NIBE SPLIT SHB 20/AMS 20 2421-3
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¹⁾Scale for the system's efficiency class room heating: A++ – G. Reported efficiency for the system also takes the temperature regulator into account. If the system is supplemented with an external additional boiler or solar heating the total efficiency of the system must be recalculated. ²⁾Scale for the product's efficiency class room heating: A+++ – D.

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.



NIBE Energy Systems

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