

IT'S IN OUR NATURE  
NIBE.EU

**NIBE**

# NIBE S Series heat pumps



SMART



CONNECTED



SUSTAINABLE

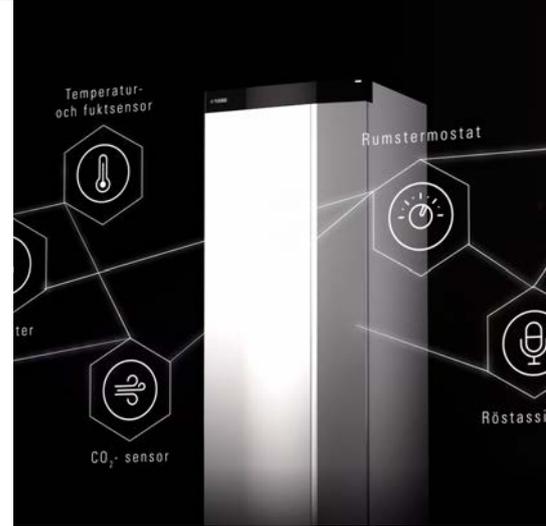
**NEW!**





## The NIBE S Series

- Timeless, elegant design
- Integrated wifi connection
- Touchscreen with swipe function



- Weather control
- Wireless software updates
- A part of the smart home
- Support for Google home\*



\*Not available in all countries

# Welcome to NIBE's smart future!

*The world is changing. Continuing technological development means a better future for everyone. NIBE is now taking the next step towards the future of heat pump technology with the launch of the NIBE S Series.*

In today's smart homes, everyday technology is no longer sufficient. Devices that were previously incompatible online are now part of an intelligent network, designed to be smart and efficient.

A new digital platform is being launched, making life easier for both installers and end consumers. It will help to reduce costs whilst creating a perfect indoor climate, suited to everyday life. We will be a natural part of the connected home, giving our consumers greater opportunities to save energy for a greener, healthier world.

This is a technological advancement that will provide opportunities we cannot yet understand. At the same time we're future-proofing our products for the smart home.

NIBE works in-house with its own innovators and developers. The team has worked hard on the technological development – with many advantages for our end users as a result.

The heat pumps have a new design with a touchscreen and a new interface. The design is stylish and has a Scandinavian presence throughout.

In a smart home, wifi is standard. Naturally, this also applies to our new heat pumps, which no longer need to be connected via a cable.

With continuous technological advancement, we don't know exactly what we will be connecting to our heat pumps in 10 years' time. But whatever it is, we must ensure we have the product capability. One of the major advances we can see today is the improved efficiency of communication between the user and installer. It's also becoming easier, faster and more reliable for installers to troubleshoot remotely. It's now easy to diagnose disruptions without needing to be near the heat pumps.

Today's heat pumps are constantly becoming easier to connect to. In the future, it will be possible to combine existing and new energy sources, creating different system solutions.

To maintain our position at the leading edge of heat pump technology, we are continuing to develop smarter solutions that can be connected, identify needs and create opportunities in the right place at the right time. And in everything we do, we prove that the future is in our nature.

*The new NIBE S Series*



*The new NIBE S Series*

# It's easy to be smart

*The demands of everyday life are constantly growing.  
We're about to make it easier for you.*

The new S Series from NIBE features an elegant new look with a push-to-open aluminium door. A touchscreen control lets you swipe through the updated interface. With integrated wireless connectivity, you can connect your unit anywhere, anytime. It also has support for voice assistants, making it a natural part of your connected home.

The connected online system makes sure everything runs smoothly. By adjusting the temperature to your daily patterns, you get maximum comfort and minimum energy consumption. Both cheaper and greener. All you have to do is sit back and relax.

We make it easy to be smart.



*The new NIBE S Series*

# Always updated

*The new NIBE S Series is a step into the future of digitalisation.*

As technology develops, there are new opportunities to connect and optimise our daily lives. NIBE is now taking a great step in making heat pumps the heart of the smart home.

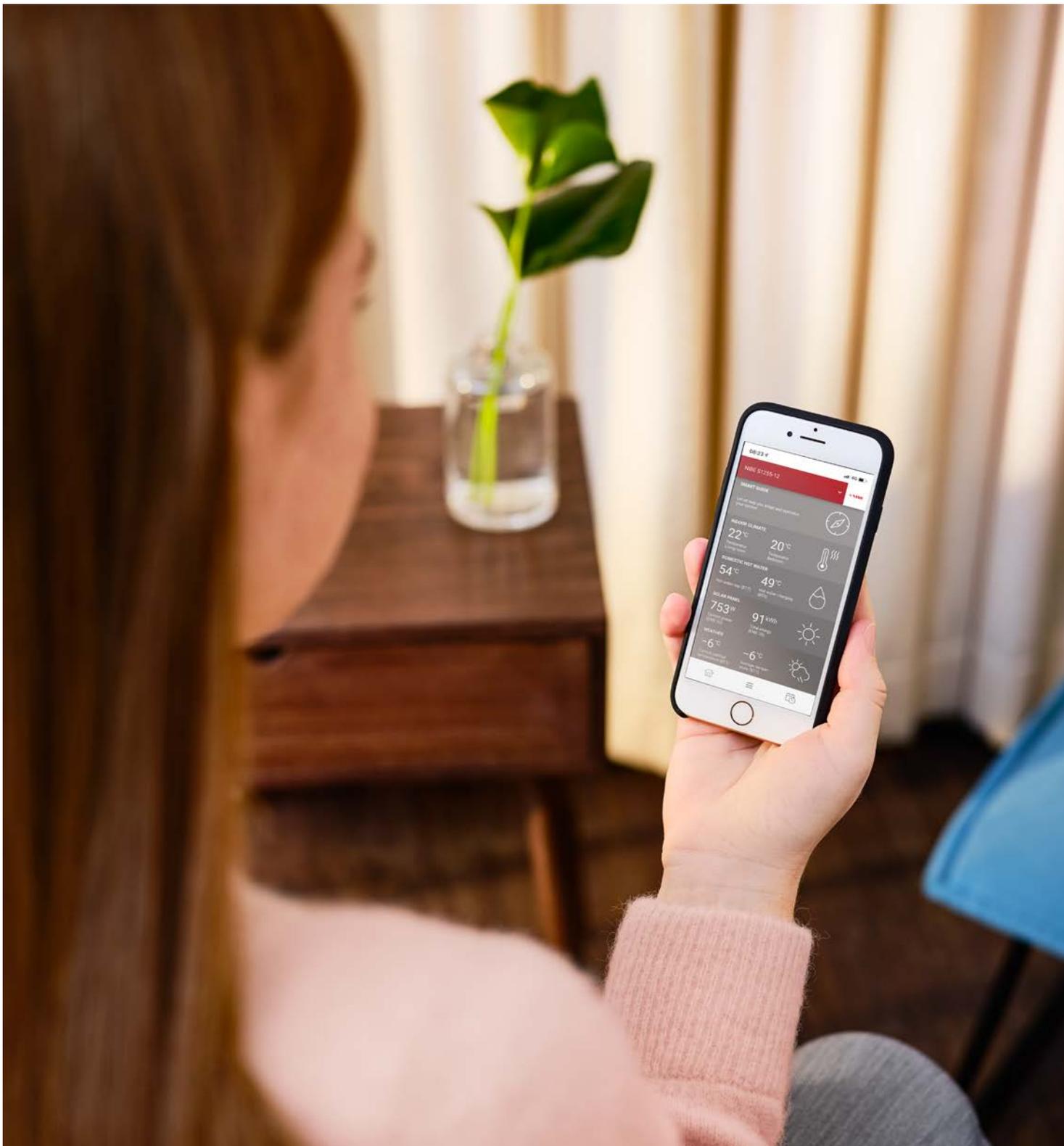
With an integrated WiFi connection and the new myUplink app, you can control your indoor climate in a way suited to you.

NIBE are constantly working to develop the software in your heat pump. When it's time to update your software, our new technology platform enables us to send an update directly to your NIBE heat pump. All you need to do is authorise the update on your heat pump's touchscreen. The latest software is always available at the press of a button. This helps to optimise operations and maximise energy savings.

The new NIBE S Series easily becomes a natural part of your smart home, both now and in the future.



*The new NIBE S Series*



# Get a connected future with myUplink

*The myUplink app allows you to control your smart heat pump from your smart phone.*

With the launch of the smart S Series, the newly developed myUplink app is also released, the key to your smart home and a connected future.

Simplicity and clarity have been leading principles in the development of myUplink. You will be able to find what you need instantly, without having to search around in the product display menu.

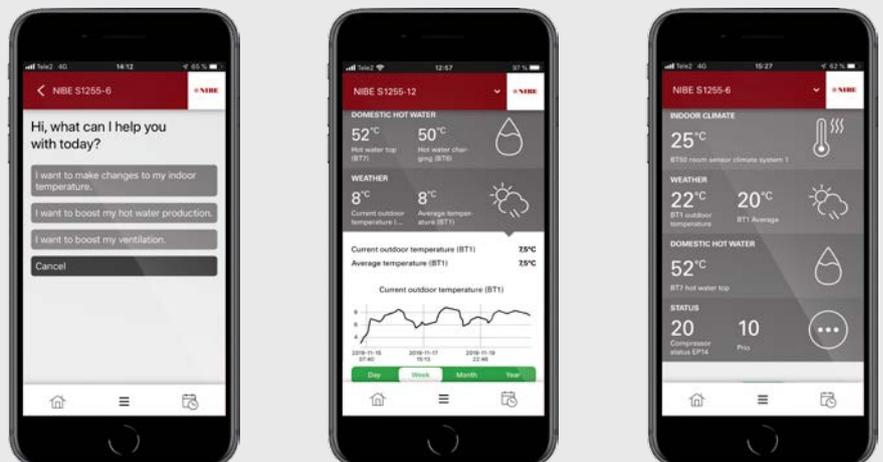
Via the new, simplistic, Scandinavian-designed interface, you can retrieve real-time data from your heat pump, monitor your installation from your smart phone or tablet and ensure that your heat pump is working flawlessly. Smart Price Adaption, software updates, monitoring, alerts and weather forecast control are included as standard.

A premium subscription allows you to easily control and adjust your smart heat pump's settings, wherever you are. A premium subscription is also required for the IFTTT and voice assistant services.

By allowing you control over your hot water and indoor climate, the app also helps you to make energy savings. Good for the environment and good for your wallet.

MyUplink is an important element of our future products, and will be updated with new functions that increase comfort and reduce energy consumption.

Using a heat pump has never been easier.



*\*IFTTT is a free web-based service that allows you to take full advantage of your smart home technology. By connecting products and services in your home, you get maximum comfort.*

## myUplink

Using the Internet and myUplink you can get a quick overview of the status of your heat pump and the heating in your property. This flexible solution allows you to easily monitor and control your heating and hot water production. If your system is affected by an operational disturbance you receive an alert via a push-message and an email, allowing you to react quickly.

- *An efficient tool that gives you quick and easy control over your property's heat pump, no matter where you are.*
- *Clear, easy to use system for monitoring and controlling heating and hot water temperatures for maximum comfort.*
- *Stores your heat pump's operational data, presented in a user-friendly graph.*

## ALWAYS UP TO DATE

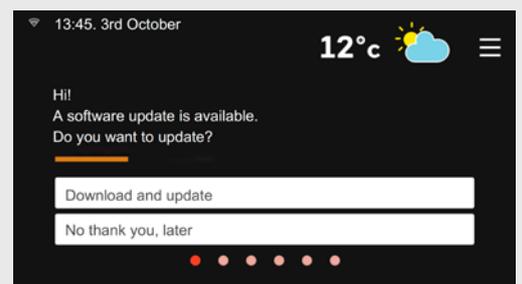
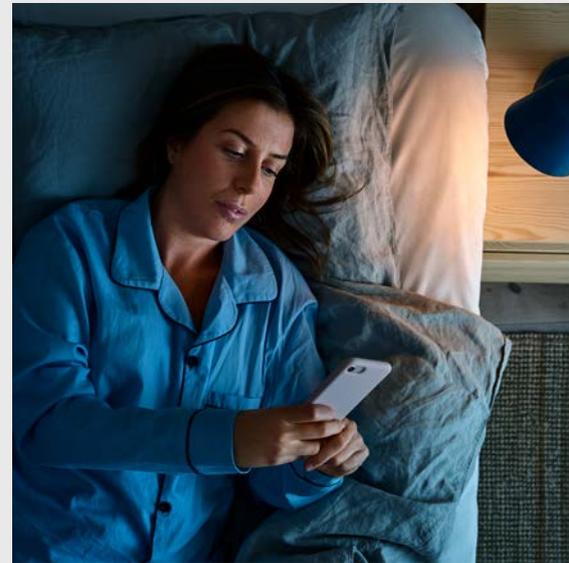
MyUplink allows you to wirelessly update your software to provide you with the best performance and latest features. All you have to do is accept the update in the heat pump display.

## WEATHER CONTROL

Weather control allows your heat pump to adapt to the weather forecast, a particularly good feature when weather changes rapidly. The smart heat pump is more proactive and knows when there's a predicted weather change, effectively managing the temperature change accordingly.

## SMART PRICE ADAPTION\*

This clever feature gives you the option to choose variable pricing for your energy plan. You can then automatically purchase energy when the price is low, and use self-produced or stored energy when the price is high.



\*This requires a variable hourly tariff contract

# S Series product overview

## THE NEW NIBE S SERIES

Ground source heat pumps	NIBE S1255 NIBE S1155	NIBE S1255 PC NIBE S1155 PC
Exhaust air module	NIBE FLM S45	
Indoor modules for air/water heat pumps	NIBE VVM S320	
Control module for air/water heat pumps	NIBE SMO S40	
Exhaust air module	NIBE S135	
Accessories	NIBE ERS S10-400 NIBE RMU S40	
Accumulator tanks	NIBE VPB S200 NIBE VPB S300 AHP S300 AHPH S300 AHPS S300	



# Ground source heat pumps

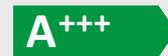
## NIBE S1255 Ground source heat pump

The NIBE S1255 is an intelligent, inverter-controlled ground source heat pump with integrated water heater. NIBE S1255 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.

The NIBE S1255 has a high seasonal performance factor, resulting in minimal operating costs. The heat pump is available in three different output sizes: 1.5–6 kW, 3–12 kW and 4–16 kW, and is suitable for both small and large properties.

With integrated wifi, the S Series is a natural part of your connected home. Smart technology adjusts the indoor climate automatically while you're in complete control from your phone or tablet. Giving maximum comfort and minimum energy consumption, while doing nature a favour at the same time.

- Three output sizes and leading inverter technology for optimum customisation.
- Optimal seasonal performance factor and minimal operating costs.
- User-friendly touchscreen and integrated wireless connectivity with smart energy saving technology for maximum comfort.



NIBE S1255		1,5–6 kW	3–12 kW	4–16 kW
Space heating efficiency class 35°C / 55°C <sup>1)</sup>		A+++ / A+++		
Space heating efficiency class of the system 35°C / 55°C <sup>2)</sup>		A+++/A+++		
Efficiency class hot water / charging profile <sup>3)</sup>		A / XL		
Nominal heating output (P <sub>designh</sub> )	kW	6	12	16
SCOP <sub>EN14825</sub> cold climate, 35°C / 55°C		5.5 / 4.1	5.4 / 4.3	5.5 / 4.2
SCOP <sub>EN14825</sub> average climate, 35°C / 55°C		5.2 / 4.0	5.2 / 4.1	5.2 / 4.1
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 <sub>EN14511</sub>		4.72	4.87	4.85
Sound power level (L <sub>WA</sub> ) according to EN 12102 at 0/35	dB(A)	36–43	36–47	36–47
Rated voltage		400V 3N ~ 50 Hz		
Refrigerant amount in CO <sub>2</sub> -equivalent	ton	2.06	3.55	3.90
Height / Width / Depth	mm	1800 / 600 / 620		
Integrated hot water heater	l	180		
Weight complete heat pump	kg	220	250	255

<sup>1)</sup> Scale for the product's efficiency class room heating: A+++ – D. <sup>2)</sup> Scale for the system's efficiency class room heating: A+++ – G. Reported efficiency for the system takes the product's temperature regulator into account. <sup>3)</sup> Scale for efficiency class hot water: A+ – F.

**NIBE S1255 PC**  
*Ground source  
 heat pump*

The NIBE S1255 PC is an intelligent, inverter-controlled ground source heat pump with integrated passive cooling and an integrated hot water tank.

The NIBE S1255 PC 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 S1255 PC has a high seasonal performance factor, resulting in minimal operating costs. The heat pump is available in the output size: 1.5–6 kW.

With integrated wifi, the S Series is a natural part of your connected home. Smart technology adjusts the indoor climate automatically while you're in complete control from your phone or tablet. Giving maximum comfort and minimum energy consumption, while doing nature a favour at the same time.



The system's efficiency class for heating.



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

- Inverter controlled heat pump with integrated hot water tank and cooling.
- High seasonal performance factor and minimal operating costs with leading inverter technology that adjust operation according to requirements.
- User-friendly touch control and integrated wireless connectivity with energy saving smart technology for maximum comfort.

<i>NIBE S1255 PC</i>		1,5–6 kW
Space heating efficiency class 35°C / 55°C <sup>1)</sup>		A+++ / A+++
Space heating efficiency class of the system 35°C / 55°C <sup>2)</sup>		A+++/A+++
Efficiency class hot water / charging profile <sup>3)</sup>		A / XL
Nominal heating output (P <sub>designh</sub> )	kW	6
SCOP <sub>EN14825</sub> cold climate, 35°C / 55°C		5.5 / 4.1
SCOP <sub>EN14825</sub> average climate, 35°C / 55°C		5.2 / 4.0
Output data according to EN 14511 nominal 0/35 – Rated output	kW	3.15
Output data according to EN 14511 nominal 0/35 – COP <sub>EN14511</sub>		4.72
Sound power level (L <sub>WA</sub> ) <small>according to EN 12102 at 0/35</small>	dB(A)	36 – 43
Rated voltage		400V 3N ~ 50 Hz
Refrigerant amount in CO <sub>2</sub> -equivalent	ton	2.06
Height / Width / Depth	mm	1800 / 600 / 620
Intergrated hot water heater	l	180
Weight complete heat pump	kg	240

<sup>1)</sup> Scale for the product's efficiency class room heating: A+++ – D. <sup>2)</sup> Scale for the system's efficiency class room heating: A+++ – G. Reported efficiency for the system takes the product's temperature regulator into account. <sup>3)</sup> Scale for efficiency class hot water: A+ – F.

**NIBE S1155**  
Ground source  
heat pump

The NIBE S1155 is an intelligent, inverter-controlled ground source heat pump without an integrated hot water tank, making it easy to install in properties with lower ceilings. A separate hot water tank is selected according to hot water requirements. The NIBE S1155 provides optimum savings as the heat pump automatically adjusts to your home's heating demands. NIBE is a leading player in the field of inverter technology, with many years' experience of output-regulating ground source heat pumps and one of the widest product ranges on the market.

The NIBE S1155 has a high seasonal performance factor, resulting in minimal operating costs. The heat pump is available in four different output sizes: 1.5–6 kW, 3–12 kW, 4–16 kW and 6–25 kW and is suitable for both small and large properties.

With integrated wifi, the S Series is a natural part of your connected home. Smart technology adjusts the indoor climate automatically while you're in complete control from your phone or tablet. Giving maximum comfort and minimum energy consumption, while doing nature a favour at the same time.

- Leading inverter technology and separate hot water tank\* for optimum customisation.
- Four output sizes for optimal seasonal performance factor and minimal operating costs.
- User-friendly touchscreen and integrated wireless connectivity with smart energy saving technology for maximum comfort.

\*) NIBE VPB is available in the sizes 200, 300, 500, 750 and 1,000 litres.



NIBE S1155		1,5–6 kW	3–12 kW	4–16 kW	6–25 kW
Space heating efficiency class 35°C / 55°C <sup>1)</sup>		A+++ / A+++			
Space heating efficiency class of the system 35°C / 55°C <sup>2)</sup>		A+++ / A+++			
Efficiency class hot water / charging profile <sup>3)</sup>		A / XL	A / XXL		
Nominal heating output (P <sub>designh</sub> )	kW	6	12	16	25
SCOP <sub>EN14825</sub> cold climate, 35°C / 55°C		5,5 / 4,1	5,4 / 4,3	5,5 / 4,2	5,5 / 4,1
SCOP <sub>EN14825</sub> average climate, 35°C / 55°C		5,2 / 4,0	5,2 / 4,1	5,2 / 4,1	5,2 / 4,0
Output data according to EN 14511 nominal 0/35 – Rated output	kW	3,15	5,06	8,89	12,68
Output data according to EN 14511 nominal 0/35 – COP <sub>EN14511</sub>		4,72	4,87	4,85	4,68
Sound power level (L <sub>WA</sub> ) <small>according to EN 12102 at 0/35</small>	dB(A)	36–43	36–47		
Rated voltage		400V 3N ~ 50Hz			
Refrigerant amount in CO <sub>2</sub> -equivalent	ton	2,06	3,55	3,90	4,39
Height / Width / Depth	mm	1500 / 600 / 620			
Weight complete heat pump	kg	139	167	172	205

<sup>1)</sup> Scale for the product's efficiency class room heating: A+++ – D. <sup>2)</sup> Scale for the system's efficiency class room heating: A+++ – G. Reported efficiency for the system takes the product's temperature regulator into account. <sup>3)</sup> Scale for efficiency class hot water: A+ – F.

**NIBE S1155 PC**  
*Ground source heat pump*

The NIBE S1155 PC is an intelligent, inverter-controlled ground source heat pump with integrated passive cooling. The heat pump is easy to install even in locations with low ceilings, since the hot water tank is separate and is chosen according to hot water requirements. The NIBE S1155 PC provides optimum savings since the heat pump automatically adapts to your home's heating demand. 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.

The NIBE S1155 PC has a high seasonal performance factor, resulting in minimal operating costs. The heat pump is available in the output size: 1.5–6 kW.

With integrated wifi, the S Series is a natural part of your connected home. Smart technology adjusts the indoor climate automatically while you're in complete control from your phone or tablet. Giving maximum comfort and minimum energy consumption, while doing nature a favour at the same time.



- Leading inverter technology and separate water heater for optimum customization.
- Integrated cooling, high seasonal performance factor and minimal operating costs.
- User-friendly touch control and integrated wireless connectivity with energy saving smart technology for maximum comfort.

<i>NIBE S1155 PC</i>		1,5–6 kW
Space heating efficiency class 35°C / 55°C <sup>1)</sup>		A+++ / A+++
Space heating efficiency class of the system 35°C / 55°C <sup>2)</sup>		A+++/A+++
Efficiency class hot water / charging profile <sup>3)</sup>		A / XL
Nominal heating output (P <sub>designH</sub> )	kW	6
SCOP <sub>EN14825</sub> cold climate, 35°C / 55°C		5.5 / 4.1
SCOP <sub>EN14825</sub> average climate, 35°C / 55°C		5.2 / 4.0
Output data according to EN 14511 nominal 0/35 – Rated output	kW	3.15
Output data according to EN 14511 nominal 0/35 – COP <sub>EN14511</sub>		4.72
Sound power level (L <sub>WA</sub> ) according to EN 12102 at 0/35	dB(A)	36 – 43
Rated voltage		400V 3N ~ 50 Hz
Refrigerant amount in CO <sub>2</sub> -equivalent	ton	2.06
Height / Width / Depth	mm	1500 / 600 / 620
Weight complete heat pump	kg	155

<sup>1)</sup> Scale for the product's efficiency class room heating: A+++ – D. <sup>2)</sup> Scale for the system's efficiency class room heating: A+++ – G. Reported efficiency for the system takes the product's temperature regulator into account. <sup>3)</sup> Scale for efficiency class hot water: A+ – F.

**NIBE FLM S45**  
*Exhaust air  
 module*

The NIBE FLM S45 is an exhaust air module with built-in fan, specially designed for combining recycling of mechanical exhaust air with a NIBE ground source heat pump, providing an integrated solution for ventilation, hot water and heating.

The NIBE FLM S45 has a high fan capacity and low noise level. Energy is recovered from the ventilated air; even when the heat pump is not in operation. Energy is stored in the soil or rock collector, putting the exhaust air energy into maximum use.

The NIBE S Series is a natural part of your connected home. Smart technology adjusts the indoor climate automatically while you're in complete control from your phone or tablet. Giving maximum comfort and minimum energy consumption, while doing nature a favour at the same time.



- Provides an integrated solution for ventilation, hot water and heating with ground source heat pumps.
- Efficient even when the heat pump is not in operation.
- A part of your energy-saving smart home in combination with a NIBE S series heat pump.

NIBE FLM S45		
Supply voltage		230 V ~ 50 Hz
Driving power fan	W	175
Enclosure class		IP21
Maximum sound power level to ISO 12102	dB(A)	36–46
Ventilation max airflow	m³/h	350
Height / Width / Depth	mm	396 / 600 / 556
Weight	kg	35



# Indoor modules

**NIBE VVM  
S320**  
*Indoor module*

The NIBE VVM S320 is designed for combination with any NIBE air/water heat pump to create a highly efficient climate system for your home.

The NIBE VVM S320 have a smart, user-friendly control system which provides efficient heating/cooling and hot water with high performance. The NIBE VVM S320 are a complete plug and play solution for easy installation.

With integrated wifi, the S Series is a natural part of your connected home. Smart technology adjusts the indoor climate automatically while you're in complete control from your phone or tablet. Giving maximum comfort and minimum energy consumption, while doing nature a favour at the same time.



- Combine with a NIBE air/water heat pump for a complete system.
- Smart, user-friendly control system.
- User-friendly touch control and integrated wireless connectivity with energy saving smart technology for maximum comfort.

<i>NIBE VVM S320</i>		
Additional power	kW	7.0
Required heating power, coldest day		Up to 10 kW
Tap volume 40°C during Medium		240 l
Docking		High power external heat sources with external accumulators. No built-in accumulator volume.
Connection		Top
Rated voltage	V	230V~50Hz
Height / Width / Depth	mm	1800/600/622
Weight	kg	141
Compatible outdoor units		NIBE F2040-6 / F2040-8 / F2040-12 / F2120-8 / F2120-12 / F2120-16 AMS10-8 / AMS10-12 + NIBE HBS-12

## The new NIBE S Series | Air/water heat pumps

### NIBE SMO S40 Control module

The NIBE SMO S40 is an intelligent control module, providing optimised control over your indoor climate system. Combined with one or more NIBE air/water heat pumps, water heaters or additional heat sources, the NIBE SMO S40 offers a complete climate system for properties.

The NIBE SMO S40 offers maximum flexibility when it comes to system solutions. The control module can be connected to components such as a water heater, additional heat sources and other accessories, allowing for customised installations. Up to eight NIBE air/water heat pumps can be connected to a control system.

The NIBE S Series is a natural part of your connected home. The smart technology adjusts the indoor climate automatically and gives you complete control from your phone or tablet. Achieving maximum comfort and minimum energy consumption, while doing nature a favour at the same time.



- In combination with a NIBE air/water heat pump – a part of your energy-saving smart home.
- Property solutions with up to eight NIBE air/water heat pumps.
- Smart, user-friendly system with touchscreen for maximum flexibility.

<i>NIBE SMO S40</i>		
Controls up to		8 heat pumps
External heat source		3 steps for electrical heater or boiler with mixing valve Allows prioritised heating sources
Self-regulating circulator pump		CPD11, available in 2 sizes
Supply voltage		230V~50Hz
Enclosure class		IP21
Height / Width / Depth	mm	350/540/110
Weight	kg	~ 5
Compatible outdoor units		NIBE F2120-series, NIBE F2040-series, NIBE AMS10 + HBS 05-series
Accessories		Wide range including additional climate system, pool, solar cell, ventilation heat exchanger, room display etc.

**NIBE S135**  
Exhaust air  
module

The NIBE S135 is an exhaust air module designed for use with a NIBE air/water heat pump and a NIBE indoor module (VVM). The NIBE S135 utilises the heat contained in a building’s ventilated air to provide heating and hot water, at the same time as ventilating the house. In installations with cooling, hot water and cooling can be produced simultaneously.

The exhaust air module provides an improved seasonal performance factor and has a low noise level and high ventilation capacity. The NIBE S135 is easy to control through the heat pump’s indoor module.

The NIBE S Series is a natural part of your connected home. The smart technology adjusts the indoor climate automatically and gives you complete control from your phone or tablet. Achieving maximum comfort and minimum energy consumption, while doing nature a favour at the same time.



The product’s efficiency class.

- Heating, hot water, cooling and ventilation in one system.
- Improves your seasonal performance factor combined with a NIBE air/water heat pump.
- In combination with a NIBE S indoor or control module – a part of your energy-saving smart home.

NIBE S135		
Space heating efficiency class 35°C / 55°C <sup>1)</sup>		A+
Space heating efficiency class of the system 35°C / 55°C <sup>2)</sup>		A+
Supply voltage		230 V ~ 50 Hz
Enclosure class		IP21
Sound power level (L <sub>WA</sub> ) according to EN 12102 at 0/35 <sup>3)</sup>	dB(A)	47.0
Min air flow, air temperature <10°C	l/s	25
Height / Width / Depth	mm	490–515 / 600 / 605
Weight	kg	50

<sup>1)</sup> Scale for the product’s efficiency class room heating: A+++ – D. <sup>2)</sup> Scale for the system’s efficiency class room heating: A+++ – G. Reported efficiency for the system takes the product’s temperature regulator into account. <sup>3)</sup> The value varies with the selected fan speed. Visit nibe.eu for more extensive sound data including sound to channels.



**NIBE ERS  
S10-400**  
*Heat recovery  
ventilation unit*

The NIBE ERS S10-400 is a heat recovery ventilation unit with high temperature efficiency up to 90% and low energy consumption. The heat recovery ventilation unit is used in houses with areas up to approx. 300 m<sup>2</sup>.

The NIBE ERS S10-400 is designed for installation with a NIBE ground source heat pump or a NIBE air/water heat pump for a complete heating and ventilation system. The heat recovery ventilation unit is easily controlled by the heat pump.

The NIBE S Series is a natural part of your connected home. Smart technology adjusts the indoor climate automatically while you're in complete control from your phone or tablet. Giving maximum comfort and minimum energy consumption, while doing nature a favour at the same time.



Product efficiency class

- Heat recovery ventilation unit with high temperature efficiency and low energy consumption.
- Together with NIBE S1155/S1255 or NIBE VVM S320, it provides a solution in houses with balanced ventilation.
- In combination with a NIBE S series heat pump or indoor module – a part of your energy-saving smart home.

NIBE ERS S10-400							
Efficiency class <sup>1)</sup>		A					
Supply voltage		230 V – 50 Hz					
Fuse	A	10					
Fan capacity	W	85 x 2					
Enclosure class		IPX1					
Filter type, exhaust air filter		Coarse					
Filter type, supply air filter		ePM1-55%					
Sound power level (L <sub>WA</sub> ) <sup>2)</sup>	dB (A)	47					
Ventilation connection	mm	Ø160					
Connection, condensation water drain	mm	G32					
Length, supply cable	m	2.4					
Length, control cable	m	2.0					
Height / Width / Depth	mm	900/600/612					
Weight, complete heat exchanger	kg	40					
Power/current for included NIBE EAH 20-1800 (electrical preheater)	W/A	300/1.3	600/2.6	900/3.9	1200/5.2	1500/6.6	1800/7.8

<sup>1)</sup> Scale for product's efficiency class room heating A+ – G.

<sup>2)</sup> 295 m<sup>3</sup>/h (82 l/s) at 50 Pa.

## The new NIBE S Series | Accessories

**NIBE RMU S40** The NIBE RMU S40 is a room unit with a 2.8" touchscreen and built-in temperature and humidity sensors. It is used to control and monitor your NIBE Series heat pump/indoor module from another location in the property other than where the heat pump is installed.

### Room unit

The NIBE S Series is a natural part of your connected home. The smart technology adjusts the indoor climate automatically and gives you complete control from your phone or tablet. Achieving maximum comfort and minimum energy consumption, while doing nature a favour at the same time.



- Room unit with 2.8" touchscreen.
- Control and monitor your NIBE smart heat pump from another room.
- A part of your energy-saving smart home in combination with a NIBE S Series heat pump.

NIBE RMU S40		
Connection		wireless or wired to heat pump
Power supply		Wired to heat pump or via 5V USB supply
Backing (Width x Height x Depth)	mm	88x88x8
Display dimensions (Width x Height x Depth)	mm	64x85x16
Rated voltage (from main product)		12VDC 40mA
Rated voltage (external USB)		5VDC 250mA

*\*Starting winter 2019/2020*

# Accumulator tanks

## NIBE VPB S200/S300

## NIBE VPBS S300

### Accumulator tank

The NIBE VPB/VPBS S200/300 are efficient hot water tanks which is designed for connection to a heat pump, gas or oil boiler. The NIBE VPBS S300 can also be docked to solar panels.

The NIBE VPB S200 and the ground source heat pump NIBE S1155 have a customised design, providing a stylish system solution with the option of concealed piping between the products. The storage tank has insulation made of polyurethane, which provides very good heat insulation.

The NIBE S Series is a natural part of your connected home. The smart technology adjusts the indoor climate automatically and gives you complete control from your phone or tablet. Achieving maximum comfort and minimum energy consumption, while doing nature a favour at the same time.



The product's efficiency class.

- Efficient water heater and accumulator tank designed for connection to a heat pump or other energy source.
- Stylish design for customisation with NIBE S Series heat pump with minimal heat loss.
- A part of your energy-saving smart home in combination with a NIBE S Series heat pump.

Type		NIBE VPB S200			NIBE VPB S300			NIBE VPBS S300	
Efficiency class <sup>1)</sup>		C							
Corrosion		Copper	Enamel	Stainless	Copper	Enamel	Stainless	Copper	Enamel
Volume	l	178	178	176	278	274	282	277	270
Volume, solar coil	l	–	–	–	–	–	–	0.8	4.0
Volume, charge coil	l	2	4.8	7.8	2	8.4	8.8	2	8.4
Net weight	kg	101	111	80	130	143	101	137	150
Equivalent amount of hot water (40°C)	l	230	238	235	362	364	376	354	356
Max pressure, primary side	bar/ MPa	3 / 0.3							
Max pressure, water heater	bar/ MPa	10 / 1.0							
Max recommended heat pump size	kW	12							
Height / Width / Depth	mm	1500 / 600 / 600			1800 / 600 / 600				

<sup>1)</sup> Scale for the product's efficiency class room heating: A+ till F.

## The new NIBE S Series | Accumulator tank

### NIBE AHP S300 AHPH S300 AHPS S300 Accumulator tank

The NIBE AHP/AHPS/AHPH are an easy-to-manage, modular accumulator tank with many connectivity options. Each module in the system is 60 cm wide with efficient insulation, resulting in low energy loss.

The NIBE AHPS/AHPH produce hot water through a combined pre- and post-heating coil, and can handle high outputs – up to 24 kW – meaning a high hot water capacity for these technology tanks. Connection on several different levels facilitates energy supply and output in most combinations. Docking takes place on the heat pump or other external heat source.

The NIBE AHPS has a built-in, combined pre- and post-heating coil for hot water production as well as a solar coil. The NIBE AHPS and NIBE AHPH can be extended with the NIBE AHP to create the required system volume.



**C**

The product's efficiency class.

- Technology tank – accumulator tank for hot water heating with multiple connection options.
- Handles high outputs, providing a high hot water capacity.
- Easy-to-manage modular system for custom volume requirements.

		NIBE AHP S300	NIBE AHPS S300	NIBE AHPH S300
Max pressure in the tank	MPa/bar	0.3/3		
Max temperature	°C	85		
Max heat pump size	kW	24		
Volume boiler section	litres	270	250	250
Volume, hot water coil	litres	–	17	17
Volume, solar coil	litres	–	4.4	–
Max pressure in hot water coil	MPa/bar	–	1.0/10	
Corrosion protection, hot water coil		–	Stainless steel	
Corrosion protection, solar coil		–	Copper	–
Product's efficiency class <sup>1)</sup>		C		
Weight	kg	105	126	116
Height / Width / Depth	mm	1800/600/600		

<sup>1)</sup> Scale for efficiency class, hot water: A+ – F.

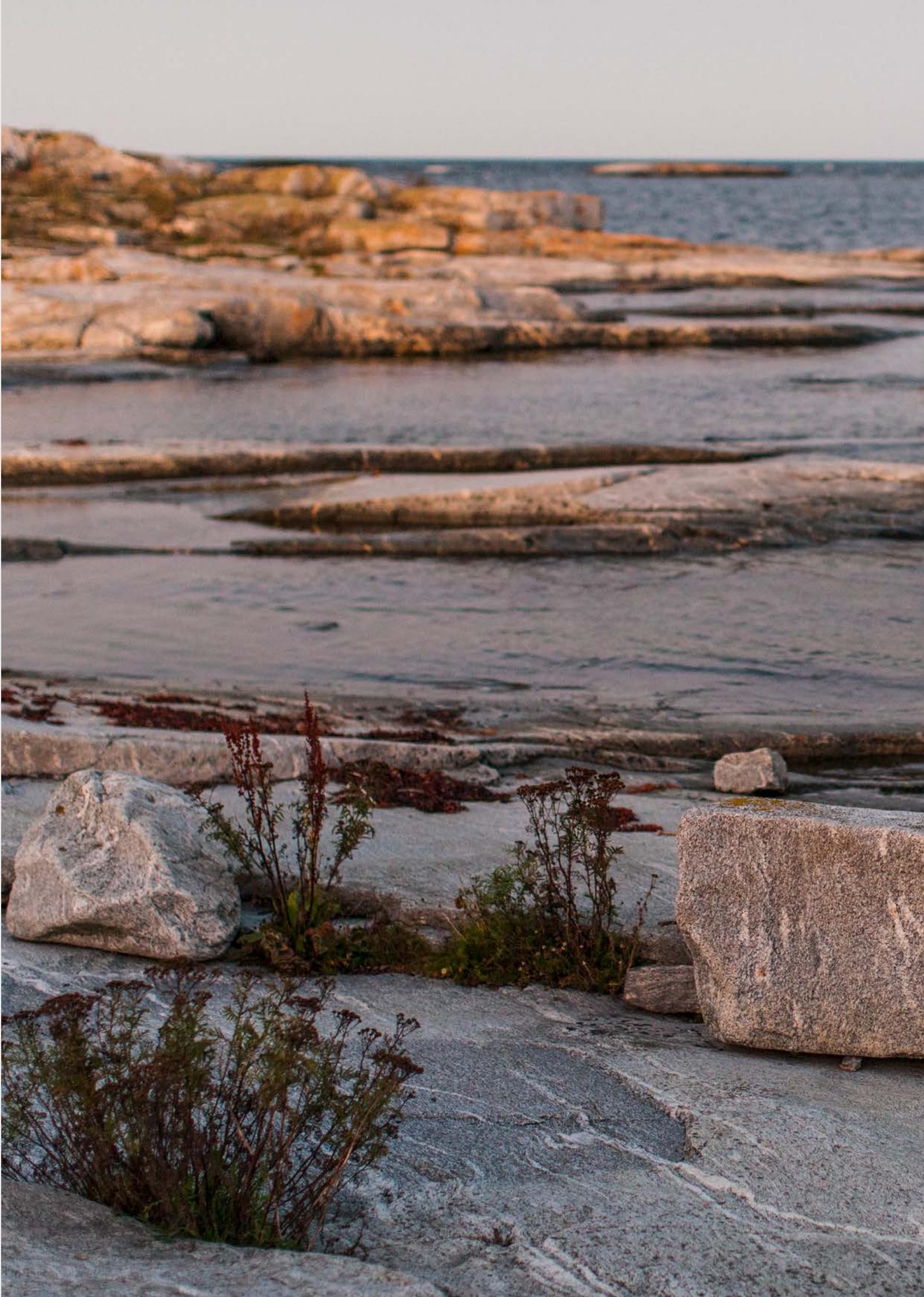
## Your next step?

*Find your local NIBE office at [www.nibe.eu](http://www.nibe.eu). They'll help you locate your nearest NIBE installer and select the best kind of heat pump for your needs.*



### European Directive 20/20/20

The 20/20/20 European directive imposes compulsory targets on the EU's 27 member states, specifying that 20% of energy consumption must be met by renewable sources by 2020. Since NIBE's heat pumps are now classified as a renewable energy source, their installation will help member states reach this ambitious target. And in many cases, local or regional authorities are offering home owners subsidies to switch their existing heating systems to a renewable source such as a heat pump.



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