



Sustainability  
is in our nature

# NIBE EXHAUST AIR HEAT PUMPS

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Nature can be warm and comforting, but it can also be powerful and determined. It is our greatest source of energy and we depend on it to give life to everything around us.

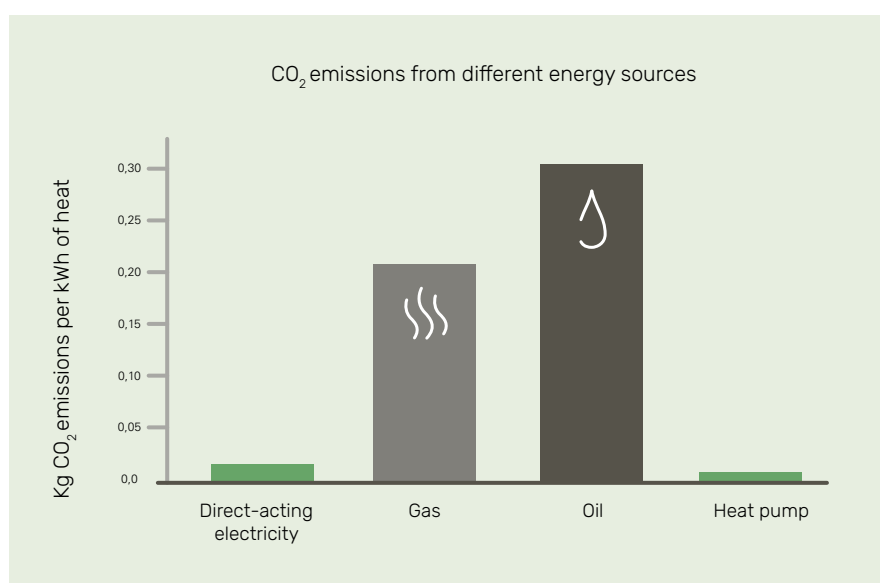
**The harsh Nordic environment, with its fluctuating climate, has shaped us and taught us how to adapt. Whether it's a cold winter's day or a warm summer afternoon, the temperature inside your home must be adjusted to ensure comfort at all times, whatever the weather.**

**Our wide product range provides cooling, heating, ventilation and hot water to your home, all with little impact on the environment, so that we can create a more sustainable future together.**

# Help us to build a sustainable future

A large proportion of the carbon dioxide in the atmosphere originates from fossil energy sources for heating and hot water installations. Oil, coal and gas must be replaced by renewable energy sources that reduce the lasting damage to nature.

We value our Nordic heritage and, with nearly 70 years' experience of manufacturing climate solutions, we're inviting you to help us build a more sustainable future. By harnessing the renewable energy of nature and combining it with smart, innovative technology, we can offer efficient solutions that benefit everyone.







## Start with a heat pump from NIBE

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**You reap multiple benefits when you replace fossil fuels with renewable energy. You get a more sustainable heating solution that helps you to reduce your carbon footprint. In addition, you can choose a more energy-efficient solution that can reduce your energy consumption and energy costs. You do both yourself and the environment a favour.**

With a heat pump from NIBE, you can use the renewable energy from your surroundings to create a comfortable indoor climate. The heat pump offers immediate environmental returns in the form of reduced energy consumption and reduced emissions. The amount of electricity required is relatively low, as electricity is not the main source of power for the heat pump. Electricity

is only required to operate the heat pump, which utilises the renewable energy allowing you to save up to 75% of your energy costs for heating and hot water. With energy prices rising all the time, you will be very happy with your decision. You can actually reap the benefits of your investment after just one month.

**Get a loan for a sustainable investment - read more at [nibe.eu](https://nibe.eu)**







# Welcome to our world of indoor comfort

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With the power of nature and smart technology,  
we help you to create a pleasant indoor climate  
with low energy consumption.







# The benefits of choosing an exhaust air heat pump from NIBE

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## Sustainable

Our exhaust air heat pumps use the energy from your indoor air to supply your home with heat, hot water and ventilation. They are designed to provide you with a pleasant indoor climate and energy-efficient living. This is done, for example, by automatically adjusting the heating to your needs. All to make your indoor climate cheaper, greener and more comfortable, both now and in the future.



## Reliable

Having NIBE as a supplier means a high degree of reliability. We are a Swedish company that has been manufacturing sustainable climate solutions for almost 70 years. This means that our products have been adapted to the challenges of the Nordic climate. To ensure long, trouble-free ownership, the purchase includes a 3-year warranty and a 6-year insurance policy, which you can extend for up to 18 years.



## Simple

We have knowledgeable NIBE installers all over the country who can help you to make a quick and smooth heat pump replacement, regardless of the previous brand. If you would like to know more and get in touch with an installer near you, then book an appointment for a home visit and get a quote. Our experts will answer your questions and help you further.

## Say hello to the S series

# Upgrade to sustainable and weather-adapted heating

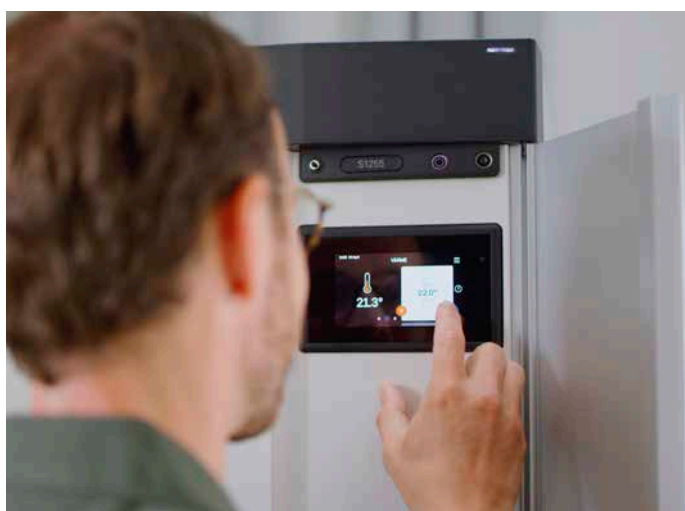
**When it's time for a new heat pump, choose real comfort. With the S series at the heart of your home, you get a pleasant indoor climate all year round, sustainable energy consumption, and full control from your mobile.**

### **Suits all houses**

Our intelligent and energy-efficient heat pumps in the S series adapt to the conditions of your house and your needs. This makes them suitable for all houses and easy to switch to. They always have the latest software and adjust the heating according to your habits and the weather forecast. All to give you cheaper, greener, and more pleasant heating, both now and in the future.

### **An investment you can feel confident in**

The S series contains our most advanced products to date, and is the result of Swedish engineering skill. They are designed to meet tomorrow's challenges in technology and innovative design. Elegant and timeless, to blend in with the heart of your home. Made in Sweden for the challenges of the Nordic climate and to give you great comfort and low energy consumption – while you do nature a favour.



### **Advantages of the S series**

Regardless of which S series heat pump you choose, you get:

- Wifi connection with the possibility of connecting the heat pump to your smart home
- User-friendly touchscreen with colour display
- Temperature control according to weather forecasts
- Automatic software updates
- Voice assistant control support
- The option of adding smart wireless accessories for increased comfort





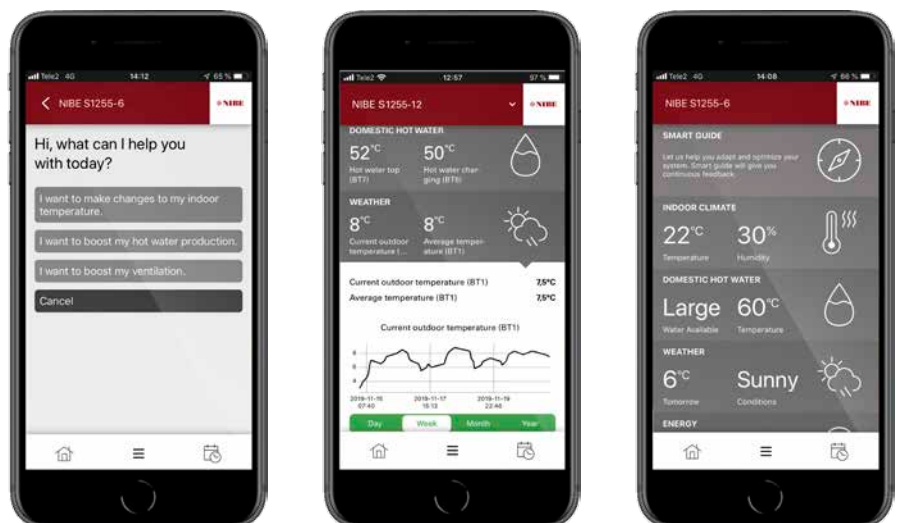
# The key to your smart home



**With a heat pump in the S series connected, you can easily control your heating, hot water, and ventilation system via the myUplink app. You get a quick overview of the heat pump's status and the heating in your home.**

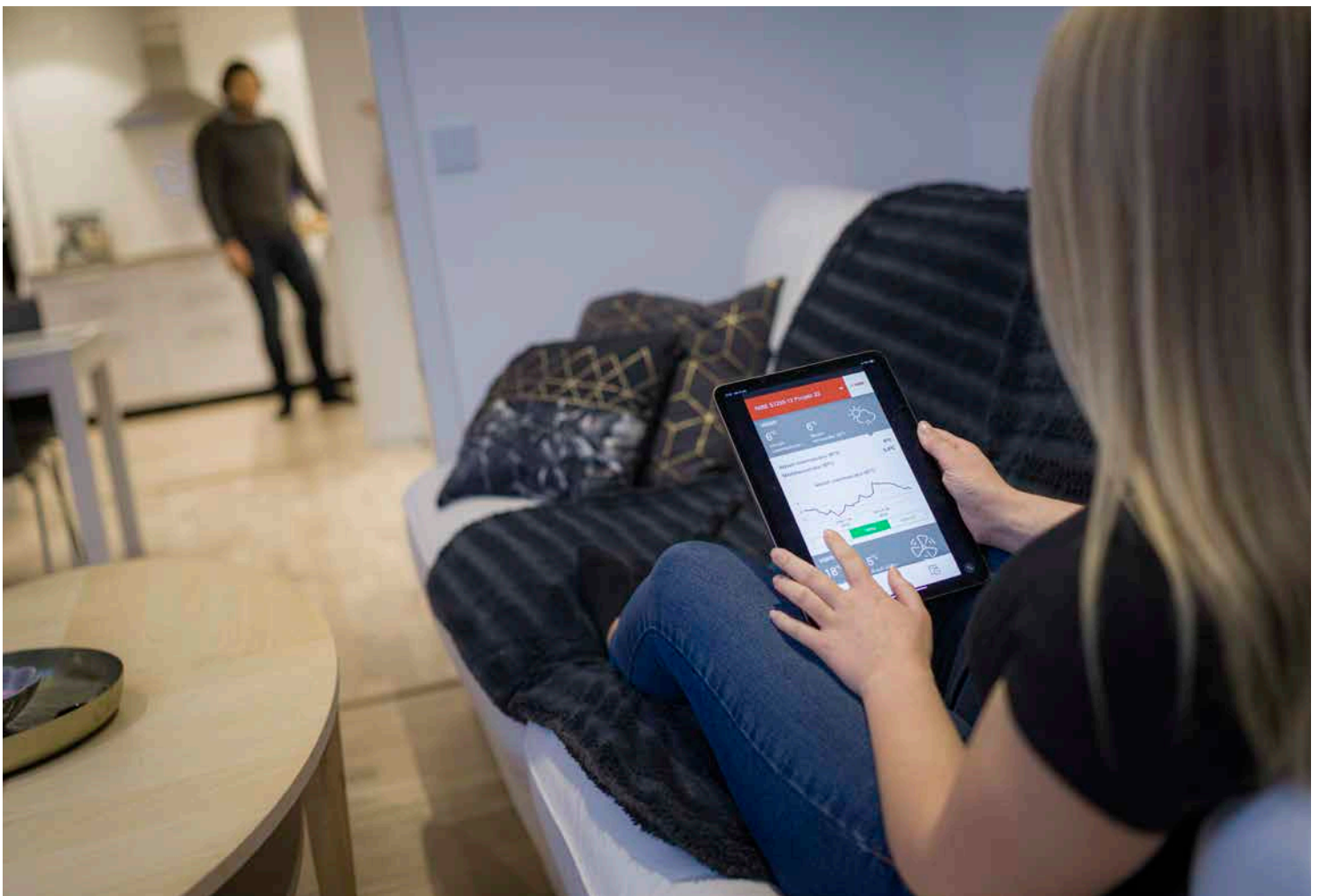
You can always take the heat pump with you on your mobile phone and feel safe in the knowledge that it will let you know if something happens. For example, it will alert you to any malfunctions via push messages from the app and by email.

Through myUplink, you will receive information about software updates, as well as access to the Weather Forecast Control and Smart Price Adaption\* functions free of charge. A Premium subscription gives you the option of adjusting settings to your heat pump in the app, regardless of where you are. This allows you to adjust the comfort and energy consumption further according to your needs. You also gain access to historical data and a number of intelligent services, such as voice control and IFTTT\*\*, allowing you to connect several smart products to each other. If you want to control your heat pump remotely, your installer can help you get started with the myUplink app.



myUplink





### Always updated

myUplink makes it possible to update the software wirelessly, giving you optimised operation with the latest functions. All you need to do is confirm the update in the heat pump's display.

### Weather forecast control

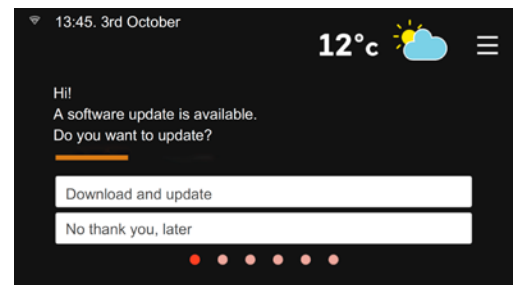
With weather forecast control, you can allow your heat pump to adapt according to the weather forecast, which is particularly good in the event of rapid changes in the weather. Your intelligent heat pump is more proactive and knows when a change in the weather is coming, and can manage shifts in temperature even more effectively.

### Smart Price Adaption

When connected and using the Smart Price Adaption\* function, the heat pump works hardest when the electricity price is at its lowest. When you activate this service and the weather forecast control in myUplink, you can reduce your energy costs without affecting your comfort.

### Smart home accessories for extra comfort

Wireless accessories help you to benefit from the full potential of the S series. They make it even easier to adapt the indoor climate and energy consumption entirely to your needs. The accessories are small units that communicate with the connected heat pump. They adjust the indoor climate automatically to optimise the comfort using low energy consumption. You can sit back and relax or change the settings manually as needed. All so that the house and those who live in it feel good.



\*Requires a variable electricity trading contract per hour. \*\*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 will enjoy a high level of comfort.

# NIBE S-series

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## NIBE exhaust air heat pumps

**Create a comfortable indoor temperature by reusing the energy from warm indoor air as it passes through your ventilation system.**

Extract energy from the indoor air with an exhaust air heat pump. With an exhaust air heat pump from NIBE, you can heat, ventilate and supply hot water to your home simply and efficiently. Create a comfortable indoor temperature by reusing the energy from warm indoor air as it passes through your ventilation system.

An exhaust air heat pump is a profitable solution for new builds of up to 240 m<sup>2</sup>. Using mechanical exhaust air ventilation enables you to reduce heating and hot water costs by a third or more compared to a conventional electric boiler. The rest is free! By using renewable energy, you can reduce your energy costs while doing the environment a favour.







## Exhaust air heat pump NIBE S735

The NIBE S735 is an intelligent inverter-controlled exhaust air heat pump with an integrated hot water heater, providing heating, hot water and ventilation efficiently and economically. It provides large savings as it automatically adapts to your home's heating needs.

The NIBE S735 has a high seasonal performance factor, which results in low operating costs. Its 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 replacement. The NIBES735 can be docked to other heat sources, and with the NIBE supply air module it is also suitable for homes with exhaust and supply air ventilation.

With integrated wifi and the possibility of connecting to wireless accessories, the S Series will become a natural part of your connected home. Smart technology adjusts the indoor climate automatically and gives you enjoy full control over the system via your smartphone or tablet. High comfort level 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 replacement.
- Low noise level, stylish design and compact size make it easy to put in place and install.
- User-friendly touchscreen and integrated wireless connection with energy-saving smart technology for a high level of comfort.



Product efficiency class for room heating, 35°C



Product efficiency class for room heating, 55°C.



Product efficiency class and tap profile for hot water.

NIBE S735		
System efficiency class, room heating 35/55°C <sup>1)</sup>		A+++/A++
Product efficiency class, room heating 35/55°C <sup>2)</sup>		A+++/A++
Declared tap profile/efficiency class hot water heating <sup>3)</sup>		A / XL
SCOP <sub>EN14825</sub> average climate, 35°C / 55°C		4.50 / 3.67
SCOP <sub>EN14825</sub> cold climate, 35/55°C		4.75 / 3.81
Nominal heating output (P <sub>design,r</sub> )	kW	6
Output data in accordance with EN 14511 Specified heating output (P <sub>μ</sub> ) <sup>4)</sup>	kW	1.16
Output data in accordance with EN 14511 COP <sup>4)</sup>		3.90
Output data in accordance with EN 14511 Specified heating output (P <sub>μ</sub> ) <sup>5)</sup>	kW	1.57
Output data in accordance with EN 14511 COP <sup>5)</sup>		5.19
Output data in accordance with EN 14511 Specified heating output (P <sub>μ</sub> ) <sup>6)</sup>	kW	5.37
Output data in accordance with EN 14511 COP <sup>6)</sup>		2.55
Sound output level in accordance with EN 12102 (L <sub>w(A)</sub> ) <sup>7)</sup>	dB(A)	40–53
Rated voltage	V	400 V 3 N – 50 Hz
Hot water capacity 40 °C EN16147 <sup>8)</sup>	litres	223-264
Height (excluding inverter box including base)/width/depth	mm	2025/600/620
Weight complete heat pump	kg	213

<sup>1)</sup> Scale for system's efficiency class, room heating: A+++ – G. Reported system efficiency takes the product's temperature regulator into account. <sup>2)</sup> Scale for product's efficiency class, room heating A+++ – D. <sup>3)</sup> Scale for efficiency class, hot water: A+ – F. <sup>4)</sup> A20 (12) W35, exhaust air flow 25 l/s (90 m<sup>3</sup>/h) min. compressor frequency. <sup>5)</sup> A20 (12) W35, exhaust air flow 70 l/s (252 m<sup>3</sup>/h), max. compressor frequency. <sup>6)</sup> A20 (12) W45, exhaust air flow 70 l/s (252 m<sup>3</sup>/h), max. compressor frequency <sup>7)</sup> Value varies with selected fan speed. For more comprehensive sound data, including sound to channels, visit nibe.se <sup>8)</sup> Value varies depending on choice of comfort mode (economy, normal or deluxe).

## Supply air module **NIBE SAM S42**



The SAM S42 is a supply air module specially designed to combine, together with the NIBE S735 exhaust air heat pump, the recycling of mechanical exhaust air with preheated supply air.

The SAM S42 has an efficient low-energy fan with high capacity and low noise levels. The supply air module takes outdoor air, heats and expels it into the building via the supply air inlet. It is mounted on a wall using the supplied wall rail. The SAM S42 can also be placed on the floor-standing CAB S12 cabinet accessory, which can hide other equipment. The SAM S42 can be placed to the right or left of the S735..

- Together with the NIBE S735, it provides an integrated supply and exhaust air system, also known as balanced ventilation.
- High capacity and low noise.
- Connected smart technology, control and the possibility of wireless accessories in combination with a NIBE S735 - part of your energy-saving home.

## Rumsenhet **NIBE RMU S40**



The NIBE RMU S40 is a room unit with a 2.8" touch display 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.

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" touch display with swipe function.
- Control and monitor your NIBE S series heat pump from another room.
- A part of your energy-saving smart home in combination with a NIBE S series heat pump.



## Wireless accessories for the S series.

### THS 10 Wireless temperature and humidity sensor

This wireless sensor allows you to read the temperature and humidity in a room or climate zone using the myUplink app. On the heat pump you can see the current room temperature or change it in °C. THS 10 replaces the fixed indoor sensor. Because it is battery powered, it is easy to install.

Mount the thermostat in your room and connect it to your NIBE S-series heating installation.



### CDS 10 Wireless CO<sub>2</sub>, temperature and humidity sensor

This wireless sensor allows you to read the CO<sub>2</sub>, temperature and humidity level in a room or climate zone using the myUplink app. For NIBE S-series heating installations with ventilation the indoor comfort level can automatically be adjusted to give you a comfortable indoor climate. For example, you can increase ventilation and lower the CO<sub>2</sub> level when there are a lot of people present or lower the ventilation to further reduce your energy costs. Because it is battery powered, it is easy to install, but it can also operate with an external power source using a micro USB.

Mount the thermostat in your room and connect it to your NIBE S-series heat and ventilation installation.



### ROT 10 Wireless room thermostat

The wireless room thermostat allows you to read and control the temperature of a room or a climate zone from the display of the room thermostat or via the myUplink app in your smartphone. For instance by increasing the ventilation when you have many guests or lower the ventilation for better savings when you are not at home. Because it is powered by a rechargeable battery, it is easy to install.

Mount the thermostat in your room and connect it to your NIBE S-series heat pump.



### SRV 10 wireless radiator thermostat

The wireless radiator thermostat allows you to control the heat in your radiators via the myUplink app or directly by using the thermostat. It helps you to obtain a comfortable indoor temperature, to heat rooms only when you need to and to save energy, for example by lowering the temperature of your bedroom at night. Because it is battery powered, it is easy to install.

Exchange the thermostat on your radiator and pair the wireless radiator thermostat with your NIBE S-series heat pump for even more precise control of your heating system.



### RPP 10 Repeater

Enhances the signal, improving communication between your smart home products when they are placed at a distance from each other. For NIBE S-series heating installations, the repeater functions as a switch, giving you the opportunity to control it remotely, schedule On and Off times and measure energy consumption.

Plug in the repeater and connect it to your NIBE S-series heating installation.



# NIBE F-series

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## NIBE exhaust air heat pumps







## Exhaust air heat pump NIBE F370

NIBE F370 is an all-in-one exhaust air heat pump which provides heating, ventilation, heat recovery and hot water, efficiently, simply and economically. With its stylish design and compact size, the heat pump is easy to accommodate and install.

With its built-in water heater, immersion heater, circulation pump, fan and control system, the heat pump provides a reliable and economical source of heat. The heat pump can be connected to any low-temperature distribution system, e.g. radiators, convectors or under floor heating.

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 great comfort, and you do nature a favour at the same time.

- Heating, hot water, ventilation and heat recovery.
- Cost-effective residential heating for the renovation and conversion market.
- A connected home with smart technology for a simpler life.

**A<sup>+</sup>**

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

**A<sup>+</sup>**

System's efficiency class for room heating, 55°C

NIBE F370		
System efficiency class for room heating at 35/55°C <sup>1)</sup>		A+/A+
Product efficiency class, room heating 35/55°C <sup>2)</sup>		A+/A+
Efficiency class, hot water/charging profile <sup>3)</sup>		A/L
Seasonal performance factor <sub>EN14825</sub> average climate, 35/55°C		3.35/2.83
Seasonal performance factor <sub>EN14825</sub> cold climate, 35/55°C		3.55/2.98
Nominal heating output (P <sub>design,r</sub> )	kW	3/3
Output data in accordance with EN 14511 Specified heating output (P <sub>h,r</sub> ) <sup>3)</sup>	kW	2.18
Output data in accordance with EN 14511 COP <sup>3)</sup>		3.93
Output data in accordance with EN 14511 Specified heating output (P <sub>h,r</sub> ) <sup>4)</sup>	kW	2.03
Output data in accordance with EN 14511 COP <sup>4)</sup>		3.24
Output data in accordance with EN 14511 Specified heating output (P <sub>h,r</sub> ) <sup>5)</sup>	kW	1.88
Output data in accordance with EN 14511 COP <sup>5)</sup>		2.74
Sound output level in accordance with EN 12102 (L <sub>w(A)</sub> ) <sup>6)</sup>	dB(A)	46.5/48.0
Rated voltage	V	400 V 3 N – 50 Hz
Hot water capacity 40° EN16147 <sup>8)</sup>	litres	217
Height (including base)/width/depth	mm	2100–2125/600/615
Weight of complete heat pump	kg	202

<sup>1)</sup> Scale for system's efficiency class, room heating: A+++ – G. Reported system efficiency takes the product's temperature regulator into account. <sup>2)</sup> Scale for product's efficiency class, room heating A++ – G. <sup>3)</sup> Scale for efficiency class, hot water: A – G. <sup>4)</sup> A20 (12) W35, exhaust air flow 56 l/s (200 m<sup>3</sup>/h). <sup>5)</sup> A20 (12) W45, exhaust air flow 42 l/s (150 m<sup>3</sup>/h). <sup>6)</sup> A20 (12) W55, exhaust air flow 31 l/s (110 m<sup>3</sup>/h). <sup>7)</sup> Value varies according to selected fan speed. For more extensive sound data, including sound to channels, visit nibe.se. <sup>8)</sup> The displayed value is for "normal" mode, the value varies depending on the choice of comfort mode (economy, normal and deluxe).



## Exhaust air heat pump NIBE F470

NIBE F470 is an all-in-one exhaust and supply air heat pump which provides heating, ventilation, heat recovery and hot water efficiently, simply and economically. With its stylish design and compact size, the heat pump is easy to accommodate and install.

With its built-in hot water tank, immersion heater, circulation pump, fans and control system, the heat pump provides a reliable and economical source of heat. The heat pump can be connected to any low-temperature distribution system, e.g. radiators, convectors or under floor heating.

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 great comfort, and you do nature a favour at the same time.

- Heating, hot water, ventilation and heat recovery.
- Cost-effective residential heating for the renovation and conversion market.
- A connected home with smart technology for a simpler life.

**A<sup>+</sup>**

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

**A<sup>+</sup>**

System's efficiency class for room heating, 55°C

NIBE F470		
System efficiency class for room heating at 35/55°C <sup>1)</sup>		A+/A+
Product efficiency class, room heating 35/55°C <sup>2)</sup>		A+/A+
Efficiency class, hot water/charging profile <sup>3)</sup>		A/L
Seasonal performance factor <sub>EN14825</sub> average climate, 35/55°C		3.58/2.98
Seasonal performance factor <sub>EN14825</sub> cold climate, 35/55°C		3.70/3.08
Nominal heating output (P <sub>design</sub> )	kW	3/3
Output data in accordance with EN 14511 Specified heating output (P <sub>h</sub> ) <sup>4)</sup>	kW	2.18
Output data in accordance with EN 14511 COP <sup>4)</sup>		3.93
Output data in accordance with EN 14511 Specified heating output (P <sub>h</sub> ) <sup>5)</sup>	kW	2.03
Output data in accordance with EN 14511 COP <sup>5)</sup>		3.24
Output data in accordance with EN 14511 Specified heating output (P <sub>h</sub> ) <sup>6)</sup>	kW	1.88
Output data in accordance with EN 14511 COP <sup>6)</sup>		2.74
Sound output level in accordance with EN 12102 (L <sub>w(A)</sub> ) <sup>7)</sup>	dB(A)	51.5–54.5
Rated voltage	V	400 V 3 N – 50 Hz
Hot water capacity 40° EN16147 <sup>8)</sup>	litres	217
Height (including base)/width/depth	mm	2100–2125/600/615
Weight of complete heat pump	kg	212

<sup>1)</sup> Scale for system's efficiency class, room heating: A+++ – G. Reported system efficiency takes the product's temperature regulator into account. <sup>2)</sup> Scale for product's efficiency class, room heating A++ – G. <sup>3)</sup> Scale for efficiency class, hot water: A – G. <sup>4)</sup> A20 (12) W35, exhaust air flow 56 l/s (200 m<sup>3</sup>/h). <sup>5)</sup> A20 (12) W45, exhaust air flow 42 l/s (150 m<sup>3</sup>/h). <sup>6)</sup> A20 (12) W55, exhaust air flow 31 l/s (110 m<sup>3</sup>/h). <sup>7)</sup> Value varies according to selected fan speed. For more extensive sound data, including sound to channels, visit nibe.se. <sup>8)</sup> The displayed value is valid for "normal" mode, the value varies depending on the choice of comfort mode (economy, normal and deluxe).



## Water heater

### NIBE F110



The NIBE F110 is a water heater with built-in heat pump for energy-efficient hot water production.

The NIBE F110 provides great savings for houses that use direct electricity and recovers energy from the outdoor air or through heat recovery of ventilation air.

The NIBE F110 has a display with easy-to-read menus which facilitate the setting of pleasant hot water comfort. Hot water and ventilation can be scheduled for every day of the week, or for longer periods.

- Energy-efficient hot water production with heat pump technology.
- Great savings with energy recovery for houses that use direct electricity.
- Recovers energy from ventilation air or outdoor air.



Product's efficiency class

NIBE F110		
Capacity hot water 40°C	litres	365
Dimensions (width/depth/height)	mm	600/605/2060
Net weight	kg	144
Efficiency class, hot water/charging profile <sup>1)</sup>		A/XL

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

# Additional features

**NIBE has a wide range of complementary accessories that are under continuous development in order to maximise the output of each product and create a customised comfort system for each customer.**

## **GSM module**

Communication device for remote control and monitoring in cases where NIBE Uplink cannot be used.

## **Modbus**

Monitor and check your heat pump using Modbus.



## **Solar package**

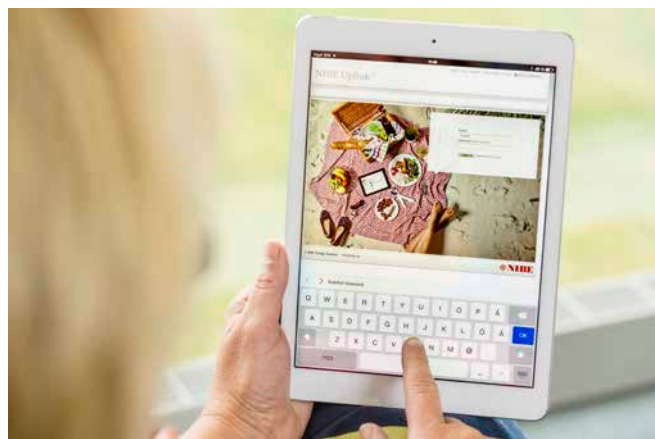
Our solar panels are a total solution based on a complete modular system with five basic outputs: 3.2 / 6.4 / 9.6 / 12.8 and 16 kW, and are suitable for use on most types of roofs – brick, sheet metal, etc.

## **Room unit**

The room unit allows you to control and monitor the heat pump from a different part of the home than where the heat pump is located. The room unit also has an in-built temperature sensor.

## **Hot water**

Whatever your hot water supply needs, we have the right solution for you. Our complete range of hot water solutions complements our heat pump selection.



## **NIBE Uplink – Freedom – no matter where you are**

By allowing other connected units to communicate with NIBE Uplink, the heating system becomes part of your smart home. NIBE Uplink's app provides a quick overview of the comfort system. Only consume energy when it's actually needed, and create a perfect indoor climate in your home while keeping energy costs low.

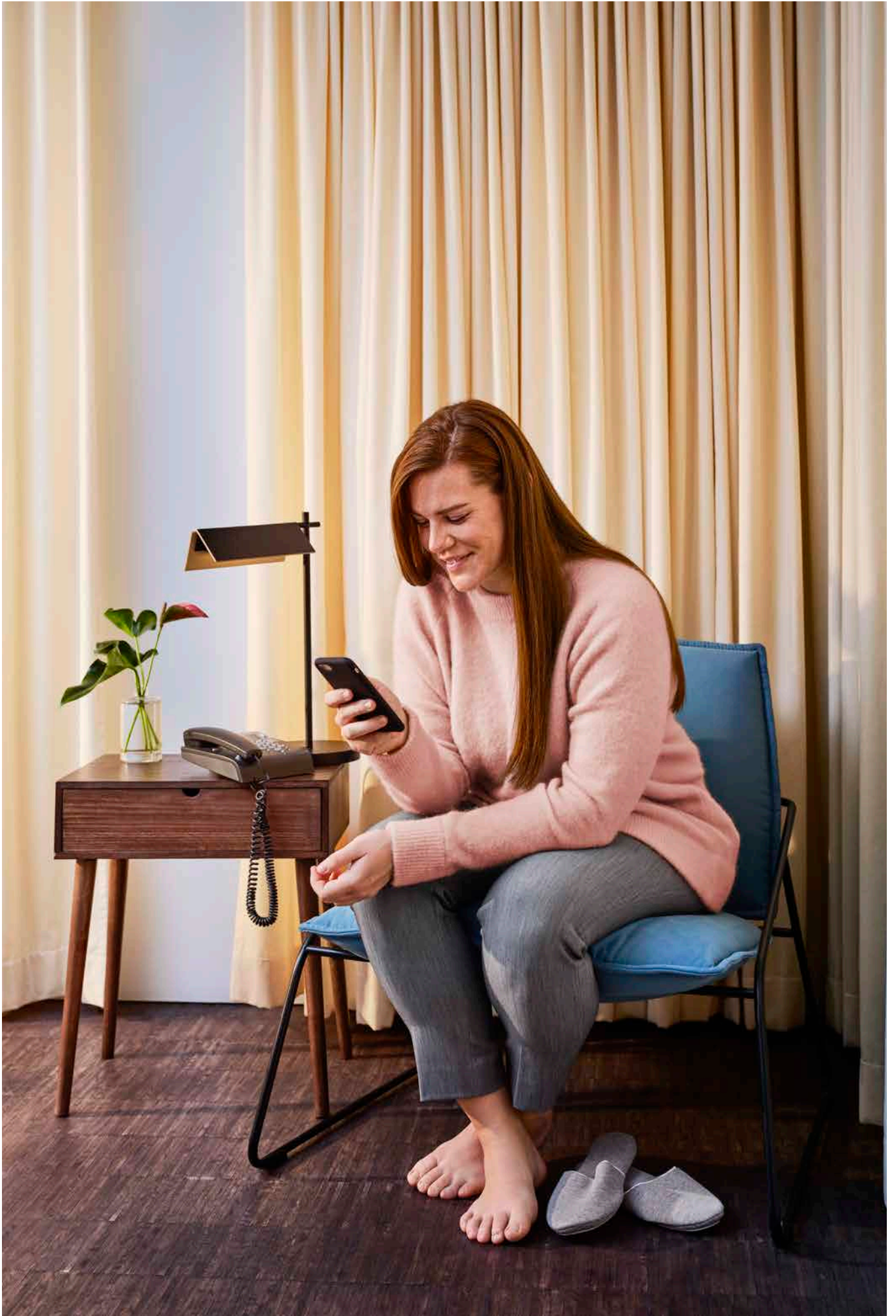
- Quick and easy remote control of your energy consumption.
- Smart standard, available in most NIBE heat pumps for hydronic heating systems.
- A connected home with smart technology for a simpler life.

## **IFTTT**

A web-based service that enables you to use smart home technologies to the fullest. Connect products and services in the building for great comfort.

## **Smart Price adaption**

With Smart Price Adaption, you can reduce the variable electricity cost on your electricity bill by 5-10%. The heat pump then works the most when the electricity costs the least, and vice versa. Your heat pump gets information on the electricity prices for the coming 24-hour period and then adjusts its operations based on the price and your expected heating and hot water needs. You need to be connected to NIBE Uplink and have a variable electricity contract per hour.







Extract the energy from indoor air with an exhaust air heat pump from NIBE









“We'll be able to get by just using the compressor much later into the autumn and winter.”



# "It's much quieter, and we could see straight away that it reduced our energy consumption."

The Fegler family's heat pump was 17 years old, and it was time to replace it. They are now one of a number of families trying out the new S series exhaust air heat pump.

"It'll be great to see how much energy we've saved in a year," says an excited Mårten Fegler.

The Fegler family live in a house a stone's throw from the sea in Mellbystrand. The family consists of Mårten, Madeleine, their daughter Fanny and their dog Pysen. They live in a single-storey house built in 2005, with a living area of about 190 m<sup>2</sup>.

"We moved here in 2015, and we're very happy here," says Mårten.

The previous heat pump, a NIBE FIGHTER 360P, was installed when the house was built. After 17 years, it was time to replace it.

"We have good friends who work at NIBE and helped me with the old boiler. When we got the opportunity to be test pilots, we jumped at it. The exchange was a breeze. However, the installer was careful to check that the condensation insulation on the exhaust air duct was sufficiently good – which it was, fortunately. He came in the morning and dismantled the old heat pump, and in the afternoon the new one was in operation.

The heat pump's powerful, inverter-controlled compressor, intelligent controls and new design match the requirements of the house and the family's needs.

"It's much quieter," says Mårten, "and we could see straight away that it reduced our energy consumption." We have a special electricity meter that only measures the heat pump's energy consumption, and I kept a few statistics at the beginning. The new one immediately drew between 5 and 10 kWh less per day, but it was during the spring, so of course it'll be more when it gets colder.

## The Fegler family in Mellbystrand

House: built in 2005, single storey

Living area: 190 m<sup>2</sup>

Replacement from: NIBE FIGHTER 360P exhaust air heat pump

Replacement with: new NIBE S735-7 kW exhaust air heat pump

We'll be able to get by just using the compressor much later into the autumn and winter now with the new one. It'll be great to see how much energy we save in a year," says Mårten, smiling.

"The fact that the heat pump has a natural refrigerant is also a plus. And it blends in well with our combined laundry room and hall, where we also have an extra water heater.

With their new connected exhaust air heat pump, myUplink and the new wireless accessories, the family can enjoy an even more comfortable and energy-efficient everyday life.

"We're really pleased," says Mårten. "It feels good to be able to see directly on your mobile that the system's working as it should, especially if we're away or it's really cold outside, and if there's an alarm we can act immediately. Automatic software updates are also convenient, and they mean that the heat pump gets a little better every time."

Read more about the new NIBE S735 at [proffs.nibe.se](https://proffs.nibe.se)



## Every day, we work to make the world better

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**Right from the start, we have been committed and focused on developing new methods for better energy efficiency. In this way, NIBE plays an important role in the global transition to a more sustainable society. And we're proud of that.**

We also know how complex the issue of sustainability is, and how important it is to act responsibly as a company when it comes to our own employees and suppliers, as well as the impact our products have on the climate and society around us throughout their life cycle – a task we take very seriously.

### **Sustainability in different areas**

We work with business responsibility throughout our entire value chain, and ethics is an important part of our business. As a customer, you should be able to trust us. Environmental responsibility is also an important part of our entire processing chain, which begins with our suppliers and ends with you, the customer. This means that we strive to reduce the environmental and climate impact of our products throughout their entire life cycle.

The key to achieving our goals today and in the future is also to be able to retain and attract new, competent, committed employees. As part of society, we must also act responsibly as a company, for example by engaging in social projects, both locally and globally.

## We support the UNGC and the goals adopted by the UN as part of the 2030 Agenda for Sustainable Development

Since 2014, NIBE has been committed to following the 10 principles of the United Nations Global Compact (UNGC). The UNGC is a voluntary initiative based on commitments from company management to implement sustainability principles and actively enter into a partnership to support the UN's long-term goals.

In September 2015, the member states of the UN adopted the Sustainable Development Goals (SDGs). The 17 sustainability goals guide every member's commitment to establish a clear plan and, by 2030, to take necessary measures to create long-term sustainable development, end extreme poverty, combat the climate crisis and reduce inequalities and injustices in the world. We have chosen to work primarily with 6 of the 17 global goals set out in Agenda 2030.

### NIBE's commitment to Agenda 2030



- 7 Increase the proportion of products based on renewable energy and meet the market's need for energy-efficient and clean energy solutions.



- 8 Promote a safe and secure working environment, protect workers' rights, ensure decent working conditions both in workers' own operations and in the supply chain, and safeguard employment and growth.



- 9 Make production more sustainable by using resources efficiently, using clean and environmentally friendly technologies and allocating funds to research and development.



- 11 Provide resource-efficient and climate-adapted components, products and solutions that contribute to sustainable cities and secure infrastructure.



- 12 Apply sustainable methods for handling chemicals and reducing emissions to air, water and land. Conserve resources, minimise waste, recycle and reuse on a greater scale. Report sustainability information transparently in our reporting cycle.



- 16 Respect and uphold national and cross-border legislation, and work actively against corruption in all forms. Create systems for internal monitoring of legal compliance and compliance with ethical business principles.





## Read more about our sustainable energy solutions at [nibe.eu](https://nibe.eu)

### **Ground-source heat pumps**

Ground source heat is stored solar energy which is extracted from deep in the ground, from the bottom of lakes or a few metres below your lawn. A ground-source heating system allows you to create a comfortable indoor climate and supply your home with both heating and hot water, as well as cooling on hot summer days. By using this type of renewable energy you can reduce your energy costs and do the environment a favour at the same time.

### **Air/water heat pumps**

With an air/water heat pump you can keep your home warm during the winter and cool during the summer and reduce your energy bills into the bargain. Using nature's free and renewable energy enables you to create the perfect indoor climate with a low environmental impact.

### **Exhaust air heat pumps**

Supplying your home with heating, hot water and ventilation is made easy and efficient by installing an exhaust air heat pump. Create a comfortable indoor climate by reusing the energy from the warm air when it passes through your ventilation system.

### **Solar panels**

Start producing your own energy with solar products from NIBE. When you are connected to your smart heat pump, the pump can multiply the energy you harness. Integrating products in one system enables you to cut your energy costs and use renewable energy efficiently.

### **Home boilers**

A pellet boiler is the ideal solution for those who want to use renewable biofuel. Combine a pellet boiler with other energy sources and connect these to your heat pump. Use Smart Energy Source to create a sustainable and economical indoor system.

### **Water heater**

NIBE has been creating water heating solutions for 70 years. Our complete range of hot water solutions complements our selection of heat pumps and bio-mass boilers.



# Sustainable energy solutions since 1952

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For 70 years, NIBE has been producing energy-efficient and sustainable climate solutions for your home. It all started in Markaryd, in the Swedish county of Småland, and we value our Nordic heritage by harnessing the power of nature. We combine renewable energy with new smart technology to offer efficient solutions, so that together we can create a more sustainable future.

Whether it's a cold winter's day or a warm summer's afternoon, the temperature inside your home must be adjusted to ensure your comfort at all times, whatever the weather. Our wide range of products provide your home with cooling, heating, ventilation and hot water, so you can create a pleasant indoor climate with a low impact on nature.

## **NIBE Energy Systems**

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