



Sustainability
is in our nature



NIBE EXHAUST AIR HEAT PUMPS





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.

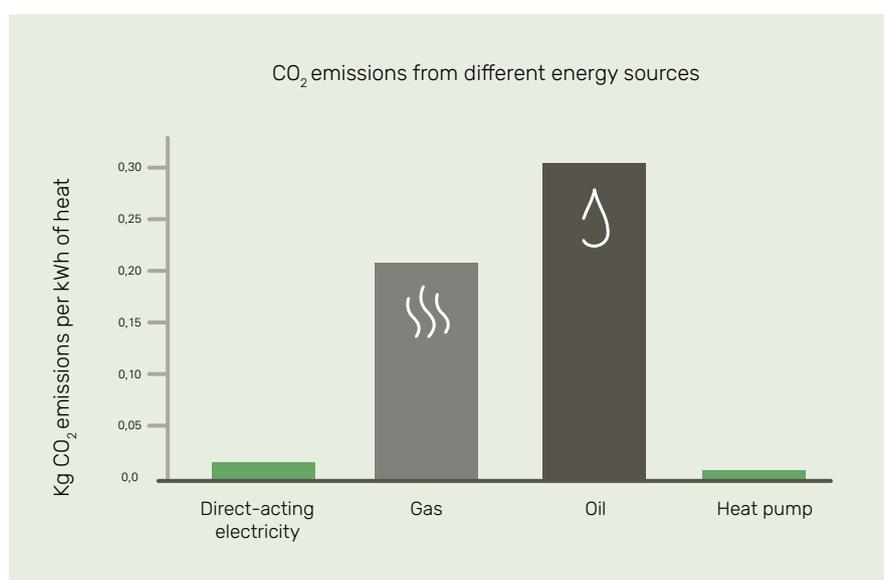
The harsh Nordic environment, with its fluctuating climate, has shaped us and taught us how to adapt. Whether it's a cold winter's day or a warm summer afternoon, the temperature inside your home must be adjusted to ensure comfort at all times, whatever the weather.

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

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



Welcome to our world of indoor comfort

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



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.

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.

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.

An exhaust air heat pump is a profitable solution for new builds of up to 200 m². Using





Exhaust air heat pump

NIBE F730

NIBE F730 is an intelligent exhaust air heat pump. NIBE F730 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, both in new-builds and when upgrading an existing heat pump.

The heat pump's inverter control produces an extremely high and economical heat output. NIBE F730 is well insulated and energy efficient, which minimises heat loss and keeps energy consumption to a minimum. NIBE F730 is prepared for connection to NIBE's solar panel package.

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.

- Output-regulated, all-in-one product.
- High heat output with low energy consumption for both new-builds and the renovation and conversion market.
- Connected home with smart technology for a simpler life.

A+++

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

A++

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

NIBE F730		
System efficiency class for room heating at 35/55°C ¹⁾		A+++/A++
Product efficiency class, room heating 35/55°C ²⁾		A++/A++
Efficiency class, hot water/charging profile ³⁾		XL/A+
Seasonal performance factor _{EN14825} average climate, 35/55°C		4.35/3.38
Seasonal performance factor _{EN14825} cold climate, 35/55°C		4.65/3.57
Nominal heating output (P _{design})	kW	5/5
Output data in accordance with EN 14511 Specified heating output (P _h) ⁴⁾	kW	1.27
Output data in accordance with EN 14511 COP ⁴⁾		4.79
Output data in accordance with EN 14511 Specified heating output (P _h) ⁵⁾	kW	1.53
Output data in accordance with EN 14511 COP ⁵⁾		5.32
Output data in accordance with EN 14511 Specified heating output (P _h) ⁶⁾	kW	5.35
Output data in accordance with EN 14511 COP ⁶⁾		2.43
Sound output level in accordance with EN 12102 (L _{v(A)}) ⁷⁾	dB(A)	40–55
Rated voltage	V	400 V 3 N – 50 Hz
CO ₂ -equivalent	tonnes	1.312
Hot water capacity 40° EN16147 ⁸⁾	litres	177–220
Height (excluding inverter box including base)/width/depth	mm	2000–2025/600/615
Weight of complete heat pump	kg	207

¹⁾ Scale for system's efficiency class, room heating: A+++ to D. The reported efficiency of the system also takes the product's temperature controller into account.

²⁾ Scale for product's efficiency class, room heating A+++ to G. ³⁾ Scale for efficiency class, hot water: A+ to F. ⁴⁾ A20 (12) W35, exhaust air flow 25 l/s (90 m³/h) min, compressor frequency. ⁵⁾ A20 (12) W45, exhaust air flow 70 l/s (252 m³/h), max. compressor frequency. ⁶⁾ A20 (12) W45, exhaust air flow 70 l/s (252 m³/h), max. compressor frequency. ⁷⁾ The value varies with the selected fan speed. For more comprehensive sound data, including sound to channels, visit nibe.se ⁸⁾ Value varies depending on choice of comfort mode (economy, normal or deluxe).



Exhaust air heat pump NIBE F750

NIBE F750 is an intelligent exhaust air heat pump for multisystems. NIBE F750 provides heating, ventilation, heat recovery and hot water efficiently, simply and economically. With its attractive, stylish design and compact size, the heat pump is easy to accommodate and install.

The heat pump's inverter control produces an extremely high and economical heat output. NIBE F750 is well insulated and energy efficient, which minimises heat loss and keeps energy consumption to a minimum. NIBE F750 is ready for connection to NIBE's solar package and external energy sources. This multisystem can also be docked to several different accessories, e.g. the supply air module NIBE SAM 42.

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.

- All-in-one product which is easy to accommodate and install.
- One control module for the entire climate system and greater flexibility for several different systems and dockings.
- A connected home with smart technology for a simpler life.

A+++

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

A++

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

NIBE F750		
System efficiency class for room heating at 35/55°C ¹⁾		A+++/A++
Product efficiency class, room heating 35/55°C ²⁾		A++/A++
Efficiency class, hot water/charging profile ³⁾		A/L
Seasonal performance factor _{EN14825} average climate, 35/55°C		4.35/3.38
Seasonal performance factor _{EN14825} cold climate, 35/55°C		4.65/3.57
Nominal heating output (P _{design})	kW	5/5
Output data in accordance with EN 14511 Specified heating output (P _H) ⁴⁾	kW	1.27
Output data in accordance with EN 14511 COP 4)		4.79
Output data in accordance with EN 14511 Specified heating output (P _H) ⁵⁾	kW	1.53
Output data in accordance with EN 14511 COP ⁵⁾		5.32
Output data in accordance with EN 14511 Specified heating output (P _H) ⁶⁾	kW	5.35
Output data in accordance with EN 14511 COP ⁶⁾		2.43
Sound output level in accordance with EN 12102 (L _{W(A)}) ⁷⁾	dB (A)	40–55
Rated voltage	V	400 V 3 N – 50 Hz
CO ₂ equivalent	tonnes	1.312
Hot water capacity 40° EN16147 ⁸⁾	litres	177–220
Height (excluding inverter box including base)/width/depth	mm	2100 – 2125/600/610
Weight of complete heat pump	kg	235

¹⁾ Scale for system's efficiency class, room heating: A+++ – G. Reported system efficiency takes the product's temperature regulator into account. ²⁾ Scale for product's efficiency class, room heating A++ – G. ³⁾ Scale for efficiency class, hot water: A – G. ⁴⁾ A20 (12) W35, exhaust air flow 25 l/s (90 m³/h) min. compressor frequency. ⁵⁾ A20 (12) W45, exhaust air flow 70 l/s (252 m³/h), max. compressor frequency. ⁶⁾ A20 (12) W45, exhaust air flow 70 l/s (252 m³/h), max. compressor frequency. ⁷⁾ Value varies according to selected fan speed. For more extensive sound data, including sound to channels, visit nibe.se. ⁸⁾ The value varies depending on the choice of comfort mode (economy, normal or deluxe).



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⁺

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

A⁺

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

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

¹⁾ Scale for system's efficiency class, room heating: A+++ – G. Reported system efficiency takes the product's temperature regulator into account. ²⁾ Scale for product's efficiency class, room heating A++ – G. ³⁾ Scale for efficiency class, hot water: A – G. ⁴⁾ A20 (12) W35, exhaust air flow 56 l/s (200 m³/h). ⁵⁾ A20 (12) W45, exhaust air flow 42 l/s (150 m³/h). ⁶⁾ A20 (12) W55, exhaust air flow 31 l/s (110 m³/h). ⁷⁾ Value varies according to selected fan speed. For more extensive sound data, including sound to channels, visit nibe.se. ⁸⁾ 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⁺

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

A⁺

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

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

¹⁾ Scale for system's efficiency class, room heating: A+++ – G. Reported system efficiency takes the product's temperature regulator into account. ²⁾ Scale for product's efficiency class, room heating A++ – G. ³⁾ Scale for efficiency class, hot water: A – G. ⁴⁾ A20 (12) W35, exhaust air flow 56 l/s (200 m³/h). ⁵⁾ A20 (12) W45, exhaust air flow 42 l/s (150 m³/h). ⁶⁾ A20 (12) W55, exhaust air flow 31 l/s (110 m³/h). ⁷⁾ Value varies according to selected fan speed. For more extensive sound data, including sound to channels, visit nibe.se. ⁸⁾ 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.

A

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 ¹⁾		A/XL

¹⁾ 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

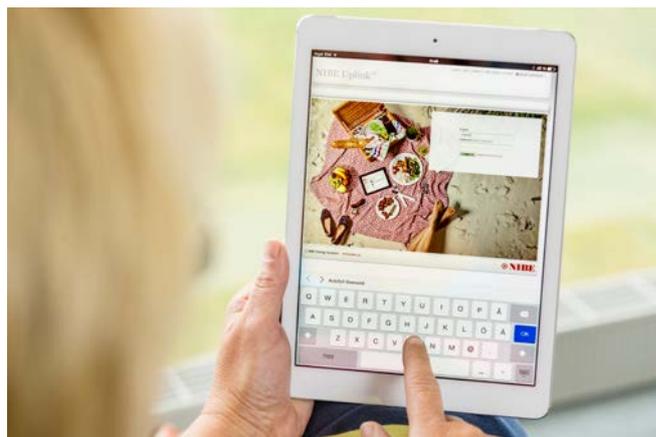
Our solar panels are a total solution based on a complete modular system with five basic outputs: 3.2 / 6.4 / 9.6 / 12.8 and 16 kW, and are suitable for use on most types of roofs – brick, sheet metal, etc.

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.



NIBE



When Karin and Kristofer in Åhus installed a NIBE F750 exhaust air heat pump, they didn't only get a more manageable heating system, but they also cut their costs significantly!

Two small children and an active life left no time to mess around with a poorly functioning heating system.

The residential district in northern Åhus is quiet and well situated, close to the woods and the daycare centre. The perfect place to raise children, Karin and Kristofer Svensson thought when they bought their house. A practical and well-planned single-storey house from 1988, with no major need for renovation, except for the heating system.

An old exhaust air heat pump connected to a water-borne system with coils under most floors was previously installed in the hallway inside the back door. It was actually a good system to start with, but as it got older it required more looking after. When Ella and Aaron were born and the family grew, there was no time or energy to deal with this type of problem, so the heating system just had to work.

The installer offered them various price options and they chose the most efficient model available from the latest generation of heat pumps.

The model can heat up a new 200 m² house on its own in accordance with the building regulations, with more stringent energy consumption standards. Admittedly, the regulations only apply to new builds, but the family in Åhus felt that choosing the solution that saved the most energy was the way to go.

The installation was carried out in the spring and Karin and Kristofer noticed a significant difference in energy costs as early as the following summer.

When they got their bill for June, their costs had been cut by hundreds of kronor compared to previously. Hundreds of kronor quickly became thousands, which the family were able to put to much more enjoyable use. The couple could also see that the new exhaust air heat pump essentially took care of itself, just as they wanted.

"The couple could also see that the new exhaust air heat pump essentially took care of itself."

One major benefit is the smart display with the high-resolution colour screen where you can easily plan your heating, hot water production and ventilation needs. Karin says that the new system has already improved their indoor climate.



Every day, we work to make the world better

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

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 biomass boilers.



Sustainable energy solutions since 1952

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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