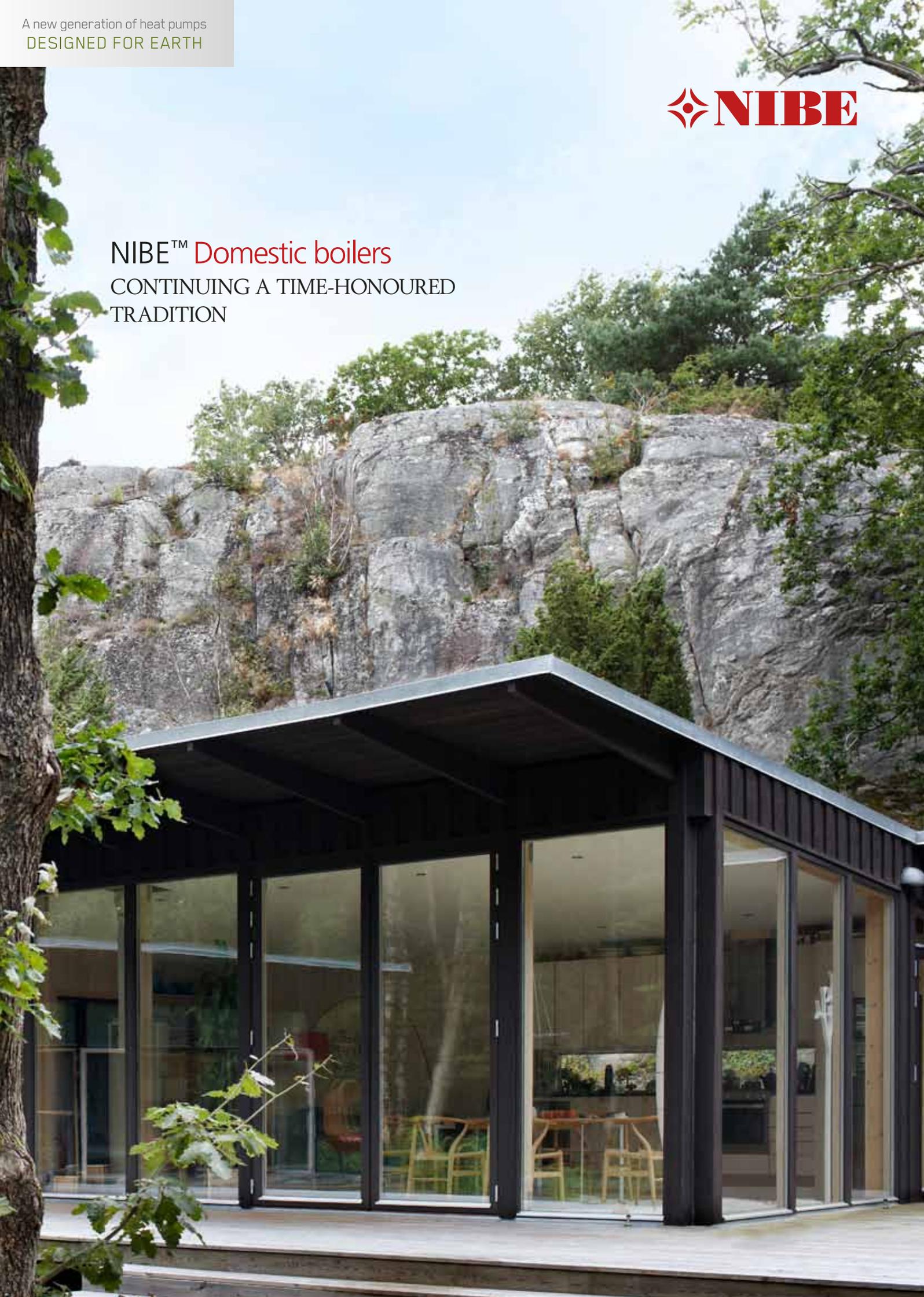


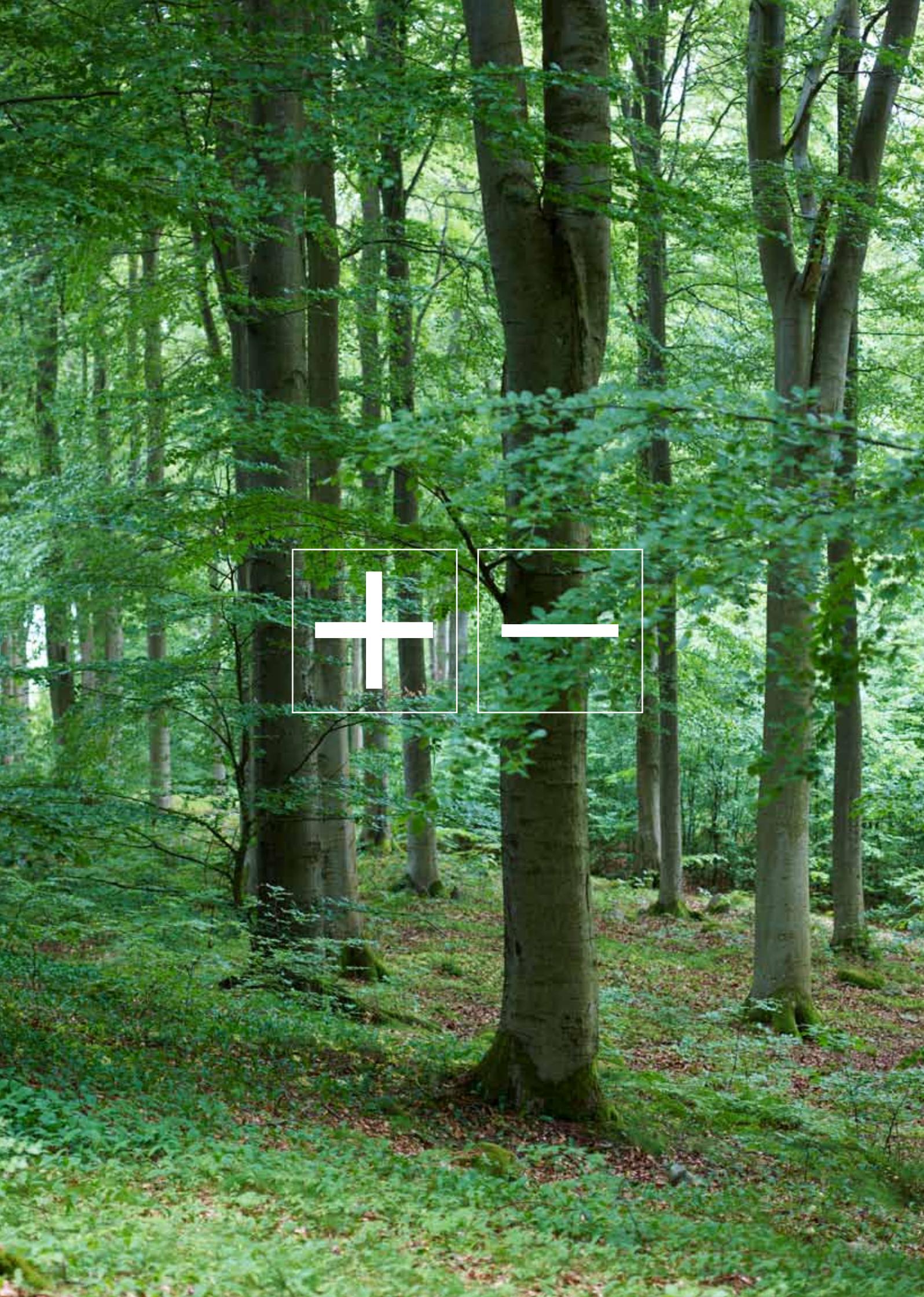
A new generation of heat pumps
DESIGNED FOR EARTH



NIBE™ Domestic boilers

CONTINUING A TIME-HONOURED
TRADITION





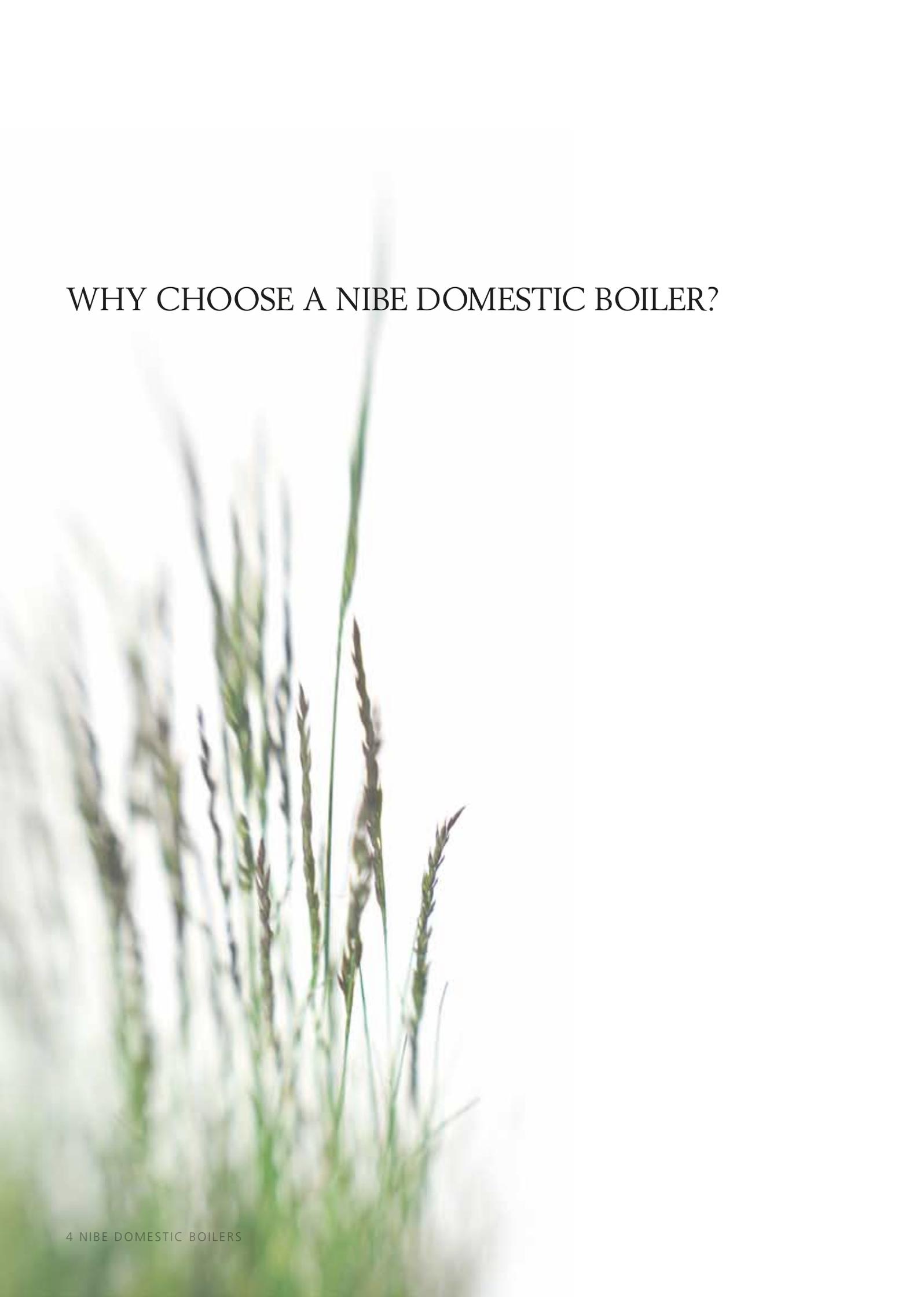
NIBE DOMESTIC BOILERS - A NATURAL EXTENSION OF A TIME HONOURED TRADITION.

Humans have warmed themselves by wood fires for millennia. Now, NIBE presents a range of domestic boilers which take this time honoured tradition to the next level - providing you with a reliable, cost-effective source of heating and hot water for your home.

NIBE's range of domestic boilers are designed to run on biomass fuel such as wood or pellets, both of which give good heat and good savings. These are environmentally friendly fuels as they don't contribute to the green house effect.

Our range also includes boilers designed to run on electricity. If you choose this option, we recommend that you also install a heat pump to achieve a solution that is not only convenient but also environmentally friendly.

Whichever way you decide to go, NIBE has a model to suit your needs. We offer a full range of options from straightforward electric boilers to sophisticated combination boilers with opportunities for docking to solar panels or an air/water heat pump for extra savings.

A background image of tall, thin green grass stalks with seed heads, heavily blurred to create a soft, ethereal effect. The grass is positioned on the left side of the frame, with the rest of the background being a plain, bright white color.

WHY CHOOSE A NIBE DOMESTIC BOILER?

Good for your wallet

Forest 'waste' wood is often readily available in the countryside, making the price of fuel low or even zero, for those living nearby. Pellets are a clean, cost-effective energy source. A pellet-fired boiler requires less time and effort as it is run automatically by the NIBE PB 10 or NIBE PB 20. The ash cassette only needs to be emptied once a month.

Even with a domestic boiler which runs purely on electricity, the initial investment is so low that this can be a viable cost-effective alternative for homes with very low energy requirements.

Good for the environment

Forests have to be regularly pruned to prevent too tight tree growth, which makes a certain amount of wood available for domestic use at no cost to the environment. The CO₂ emitted when the wood is burned has been taken out of the atmosphere by the growing plant. This means that when you use a wood fired boiler, the process of emission and absorption of CO₂ results in a zero net CO₂ output. However, since the boiler generates more energy than the house needs at any one time, you also need an accumulator tank to store the excess for later use.

Combine with solar panels

With these heat storage possibilities offered by an accumulator, you can also take advantage of solar energy. Place solar panels on the roof of your home, and hook up your NIBE wood boiler with a control unit that switches over to solar energy whenever the sun shines. You can store the sun's energy for several days in an accumulator tank. Since solar energy is both cost and emission-free, this is a great way to supplement your household's energy supply.

Burn wood pellets

Wood pellets, which are usually made of compressed waste sawdust, are another good renewable energy source. What's more, a NIBE pellet-fired boiler only produces energy as and when it's needed, resulting in a heating system that's both efficient and convenient.

Combine with a heat pump

if you choose an electric boiler, its running costs can be reduced by connection to NIBE air/water heat pump. NIBE's air/water heat pumps extract the energy from the outside air and concentrate it to provide heat and domestic hot water for your home. Producing approximately 3 kW of energy for every 1 kW of electricity used, they lead to very low carbon emissions compared to any traditional fossil fuel based system.



The attractive but discreet design of NIBE boilers makes them easy to place in your home.

Consider this

Even allowing for emissions of fossil carbon dioxide in planting, harvesting, processing and transporting the fuel, replacing fossil fuel with wood fuel will typically reduce net CO₂ emissions by over 90%.

WHAT HAPPENS WHEN YOU BURN WOOD?

1 Heating and evaporation

Wood heats up to approximately 100°C, evaporating the moisture in it. There is no heating from the wood at this point. This also explains why wood with high moisture content is hard to ignite.

2 Gases start to burn and release heat

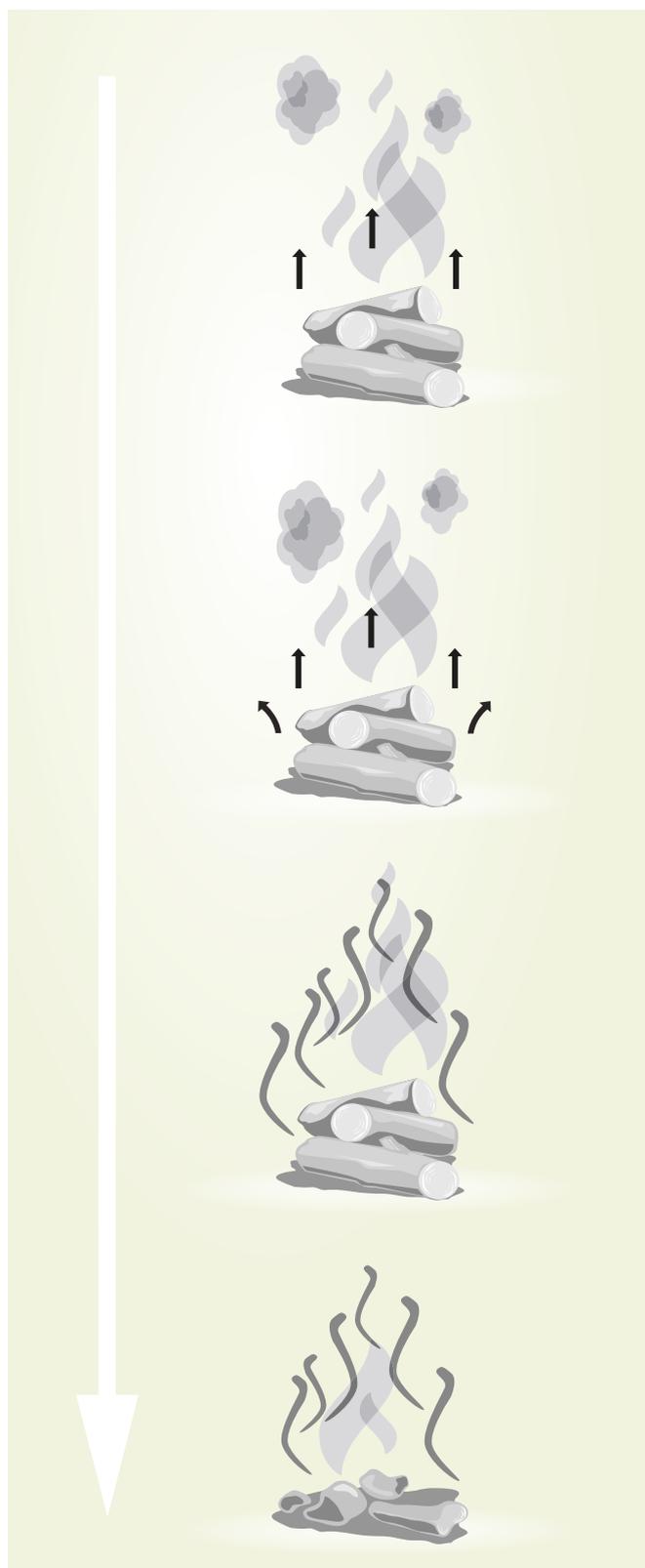
The wood solids start to break down, converting the fuel into gases. The organic vapours start to react with the oxygen and the combustion process begins.

3 Primary combustion

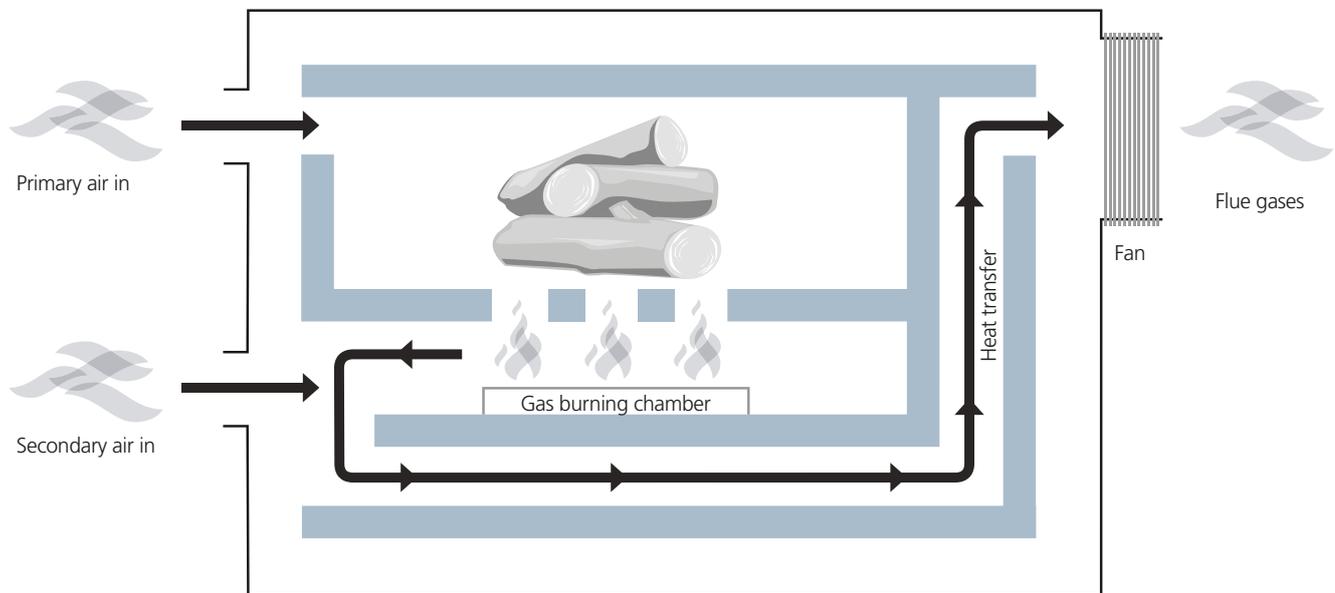
The process by which gases are released from wood and burned is called primary combustion and it results in the release of a large amount of energy. The main energy in the wood is released when fuel vapours containing 40% to 60% of the energy burn.

4 Secondary combustion

After the moisture has evaporated and the fuel vapours have been burned, only charcoal remains, burning at high temperatures. At this point it would be suitable to start cooking on your BBQ.



HOW A WOOD BURNING BOILER WORKS:



In a NIBE wood burning boiler, there are two air intakes, primary and secondary, which provide the oxygen needed for the wood to burn.

The primary intake acts as the main oxygen source, driving the burning process; the secondary intake allows for fine tuning of the burning process and enables cleaner emissions.

In the gas burning chamber, burnable gases from the wood are mixed with the secondary intake air, which allows full burning to occur (radiation heat) at temperatures of up to 900–1000°C.

At the heat transfer, gases are transported through the pipes and convection heat transferred to the water, where it is stored.



A NIBE DOMESTIC BOILER INSTALLED IN YOUR HOME

Double function:

HEATING/ SANITARY HOT WATER

A NIBE DOMESTIC BOILER meets all your heating and domestic hot water with a single system.

Simple shape:

SINGLE, NEATLY PACKAGED MODULE

NIBE has used cutting edge engineering to create a whole system design. For example, our neatly deigned electric boilers fit into a standard 60 cm x 66 cm space.

Pellets storage:

SMALL QUANTITIES

A pellet fired boiler requires 6–8 m³ of pellets per year, so storage shouldn't really be an issue. How often the pellet storage needs refilling depends on the size of the storage unit and the household's energy consumption.

Large ash cassette/automatic sweeping:

EASY TO HANDLE

You only have to empty the ash cassette about once a month. NIBE PB 10 or PB 20 keeps the boiler going automatically by starting and stopping the pellet feeder.

Outdoor sensor: (with pellets only):

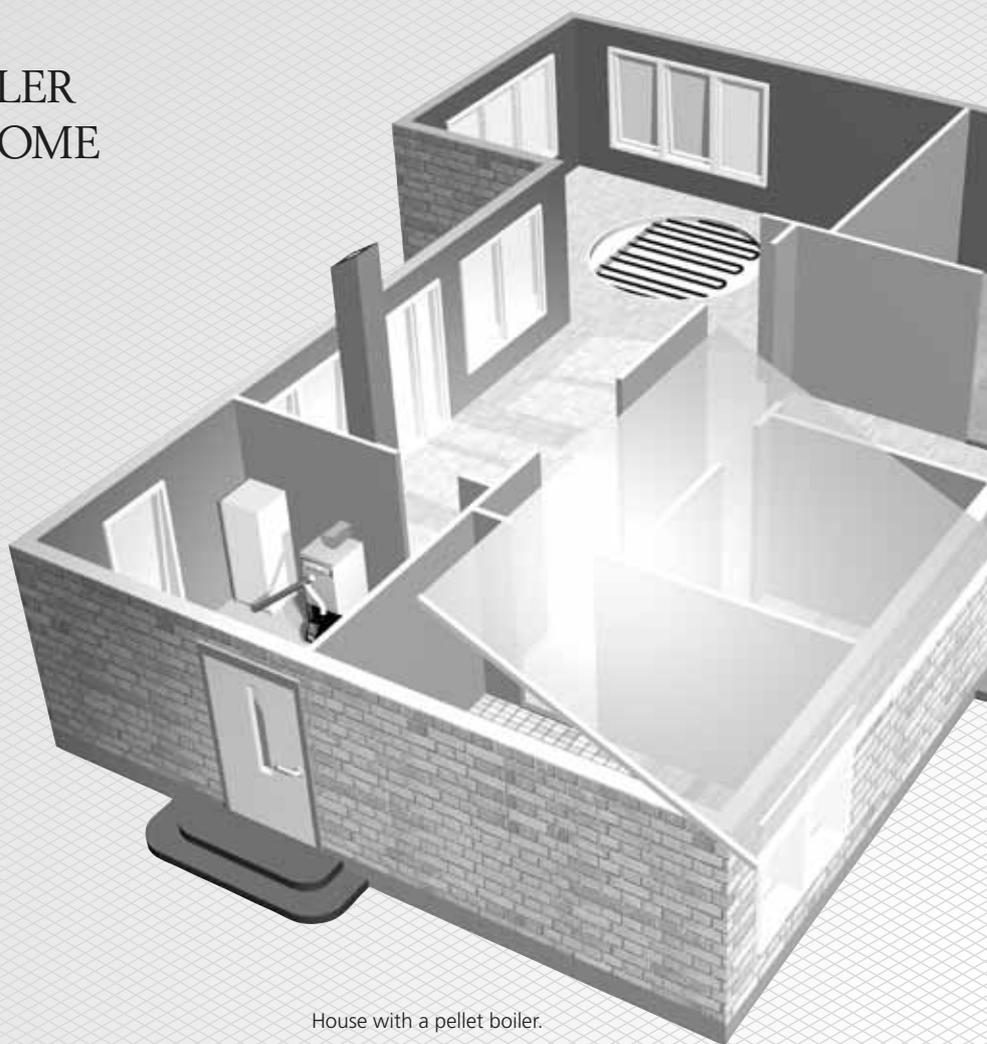
MINIMISES WASTE

A sensor placed on an exterior wall of your house reports the outdoor temperature to your boiler so that it can vary output in relation to need.

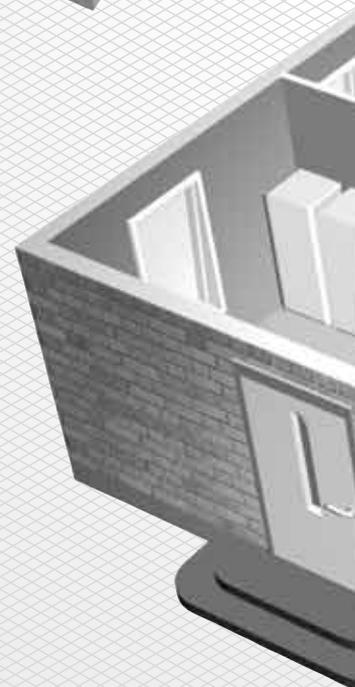
Flexible application:

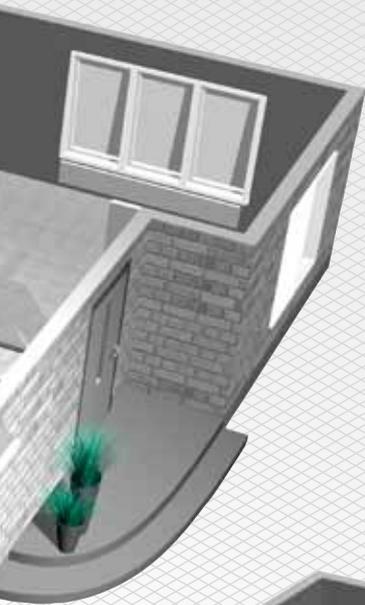
PRACTICAL IN YOUR HOME

A NIBE DOMESTIC BOILER can be used with underfloor heating system or water based radiators, and is also ok with high temperature radiators.



House with a pellet boiler.





Solar power connection:

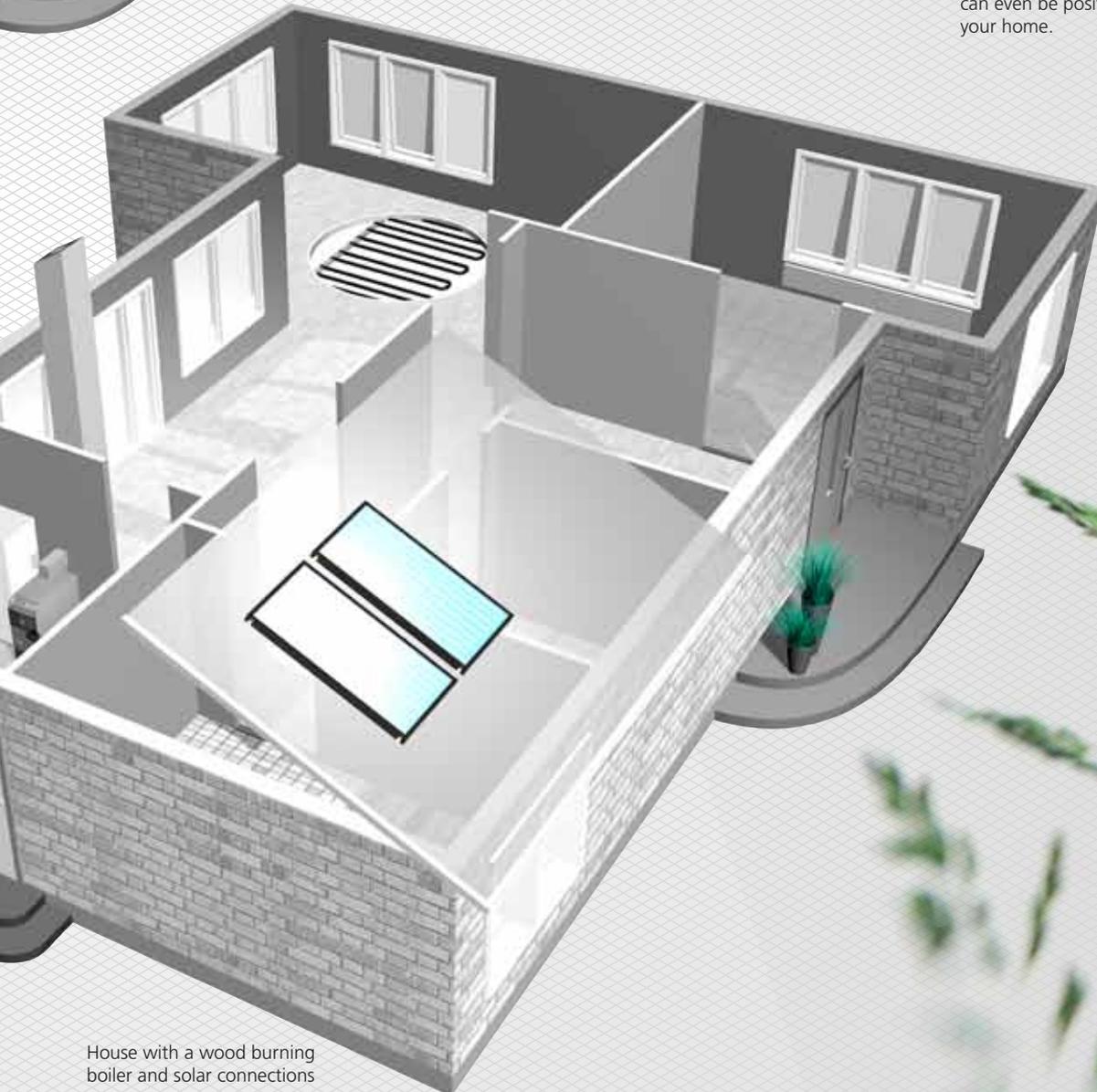
FOR A SUSTAINABLE FUTURE

Maximise the opportunities offered by new green energy technologies, such as wind or solar power and to achieve a system that's almost emission free.

Discreet design':

NEUTRAL APPEARANCE

An attractive but discreet design makes our boilers easy to place in your utility room or cellar. Since the design is pleasing to the eye, it can even be positioned in a more visible area of your home.



House with a wood burning boiler and solar connections





PRESENTING NIBE'S DOMESTIC
BOILERS & ACCESSORIES



WHAT KIND OF BOILER DO YOU NEED?

The basic criterion for choosing a NIBE domestic boiler is that you live in a single family house with water-based underfloor heating or radiators. Beyond that, you can choose between several different types of domestic boilers, according to your needs and wishes.



WHEN TO CHOOSE A WOOD BURNING BOILER

Choose a wood burning boiler if you live in the countryside and can get free or low priced wood. This is the ideal system for those who prefer to use a renewable fuel to heat their home, rather than further diminishing the world's fossil fuel reserves. It is also a good solution for anyone who enjoys being physically active and living close to nature.

NIBE wood burning boilers

In the products described below, hot water is taken from the top of the boiler and routed to the accumulators. Return water from the accumulator tanks is led back to the bottom of the boiler. Hot water is transported from the accumulators to heat your home's radiators. They are kept at the desired temperature by mixing the hot accumulator water with the cooled return water from the radiator circuit. To heat up the water you need an accumulator with a double jacket or coil. The hot water capacity is determined by the choice of cylinder size or the length of coil.

For more technical information, go to www.nibe.eu

NIBE™ VEDEX 3300



An efficient, fan-controlled wood burning boiler to heat private houses and other buildings.

NIBE VEDEX 3300 is designed for a maximum log length of 0.5 m, and the fireplace has a volume of 95 litres. The boiler's combustion is controlled by a two-stage suction fan which aids steady burning. It is environmentally approved for wood firing to the accumulator tank and can also be set to work with pellets.

To heat domestic hot water, this boiler can be connected to an external water heater. When in operation, the boiler water is partially heated by the hearth and partly by the flue gas ducts. The average output during operation is approx. 35kW (max. output is approx. 40kW).

NIBE VEDEX 3300

Boiler water volume	65 litres
Wood magazine volume	95 litres
Wood magazine depth	0,55 m
Maximal output during wood firing	40 kW
Average output during wood firing	35 kW
Height/Width/Depth	1070/450/880 mm

NIBE™ VEDEX 1000



A wood burning boiler with natural draught combustion, for heating houses and other smaller buildings.

NIBE VEDEX 1000 is an induced-draught boiler with efficient smoulder combustion. Its fireplace has a volume of 75 litres and it is designed for a maximum log length of 0.4 m.

To heat domestic hot water, the boiler can be connected to accumulator tanks with integrated water heater for heating domestic hot water. When in operation, the boiler water is partially heated by the hearth and partly by the flue gas ducts. Its maximum output during operation is approximately 25 kW. Its average output is approximately 18 kW.

NIBE VEDEX 1000

Boiler water volume	55 litres
Wood magazine volume	75 litres
Wood magazine depth	0,39 m
Maximal output during wood firing	25 kW
Average output during wood firing	18 kW
Height/Width/Depth	1015/450/830 mm

NIBE™ ALPHA COMBI



If you want freedom in the future, instead of restricting yourself to a single type of energy, you should choose the NIBE ALPHA COMBI boiler. This boiler can run on wood, pellets, oil and electricity, so you are covered against sudden price increases and can always select the most economical option at every juncture.

Connected from above, the NIBE ALPHA COMBI has a copper lined water heater with a storage capacity of 120 litres for heating tap water. If you're running the boiler on wood, it should be connected to an accumulator tank of approximately 500 liters.

NIBE ALPHA COMBI

Boiler water volume	170 litres
Volume, hot water heater	120 litres
Wood magazine volume	55 litres
Wood magazine depth	0,4 m
Maximal output immersion heater	6 kW
Maximal output during wood firing	20 kW
Average output during wood firing	15 kW
Maximal output during pellet firing	18 kW
Maximal output during oil firing	25 kW
Height/Width/Depth	1150/910/680 mm

WHEN TO CHOOSE A PELLET BOILER

Choose a pellet boiler if you live in town and want a convenient kind of bio-fuel. Maybe you prefer to use a renewable fuel to heat your home, but don't have the time to handle a wood boiler. Besides, you live too far from the source for it to be environmentally beneficial. Alternatively, you might already have an oil boiler which is reaching the end of its service life, and want to replace it with a convenient, non fossil fuel-based alternative.

You will undoubtedly appreciate the convenience of a pellet feeder NIBE PB 10 or NIBE PB 20 – which keeps the boiler going automatically.

For more technical information, go to www.nibe.eu

NIBE™ PELLUX 200



A complete pellet burner for heating detached and terraced houses, using wood pellets.

NIBE PELLUX 200 is a modern pellet boiler with temperature-controlled automatic shunt and automatic sweeping. Tap water is heated up in a flat heat exchanger, with boiler water and tap water channelled into alternate columns. Thanks to an internal circulation pump, controlled via a flow switch, the boiler starts automatically whenever more hot water is needed. For ease of installation, all essential pipe connections are on top of the boiler. Moreover, its low height is an advantage when installing in rooms with low ceilings.

NIBE PELLUX 200 is also equipped with a large ash cassette so it doesn't need to be emptied too often. A swing-door makes emptying the cassette easy. Both the burning chamber and convection zone are designed for easy maintenance. This model also features a climate-controlled automatic shunt with outdoor and supply sensors, and a 9 kW immersion heater for the load monitor.

NIBE PELLUX 200

Boiler water volume	190 litres
Water volume heat exchanger	1,5 kW
Maximal output immersion heater	9 kW
Maximal output during pellet firing	25 kW
Ash box, volume	20 litres
Height/Width/Depth	1500/600/720 mm

NIBE™ PB 10



Robust screw fed burner for pellet firing.

The NIBE PB 10 has a thermostatically controlled system with unique electrical ignition for pellets. The control system ignites and extinguishes the flame in accordance with the energy needs of the house, making it comfortable to use pellets all year round.

Designed for optimal performance with the NIBE PELLUX 200, this accessory is easy to connect to most pellets, wood and oil boilers.

NIBE PB 10

Output area	10 – 20 kW
Burner	Wood pellets ø 6 – 12 mm
Length external screw	1,5 alt 2,5 m
Height (incl. filler pipe)/ Width/ Depth	470/200/570 mm

NIBE™ PB 20



Self cleaning, robust screw fed burner for pellet firing.

The NIBE PB 20 has a thermostatically controlled system with unique electrical ignition for pellets. The control system ignites the flame in accordance with the energy needs of the house, making it comfortable to use pellets all year round.

Designed for optimal performance with the NIBE PELLUX 200, this accessory is easy to connect to most pellets, wood and oil boilers.

Features include:

- Display for easy settings adjustments
- Three operating rates
- Easy to adapt to suit the season / the building's energy needs
- Automatic ash removal reduces the need for maintenance
- Built in thermostat function

NIBE PB 20

Output area	10 – 20 kW
Burner	Wood pellets ø 6 – 12 mm
Length external screw	1,5 alt 2,5 m
Height (incl. filler pipe)/ Width/ Depth	470/200/570 mm

WHEN TO CHOOSE AN ELECTRIC BOILER

A NIBE electric boiler can be connected to a NIBE air/water heat pump, enabling you to take advantage of the energy savings offered by this highly efficient and clean, modern technology. An air/water heat pump is a great way to boost your energy supply without increasing emissions and still keeping your monthly electricity bills low. An electric boiler on its own would be suitable if you have very low energy needs and are looking for a system with a low start-up investment and which only requires minimal maintenance. That's because while direct electricity can be quite costly, the hardware i.e. the boiler itself, is not.

For more technical information, go to www.nibe.eu

NIBE™ VVM 300



An electric boiler which functions optimally with the NIBE F20XX (F2010, F2015, F2016, F2026 or F2026) air/water heat pump. Directly adapted for connection and communication with the air/water heat pump NIBE F20XX, this boiler features a 155-litres hot water heater and is equipped with a climate-controlled, automatic bypass system. It consists of a double jacketed pressure vessel, two immersion heaters and intelligent controls. NIBE VVM 300, together with NIBE F20XX creates a complete heating and hot water unit. NIBE VVM 300 is equipped with a control box that currently makes it the most economical operator, regarding both for the integrated immersion heaters (max 13.5 kW) and compressor operation in NIBE F20XX. NIBE VVM 300 is easy to install. All pipe connections are easily accessible which is especially useful for the replacement market.

The insulation consists of moulded, freon-free polyurethane which is equivalent to approximately 70 mm mineral wool. The outer casing is of white powder coated steel plate. The upper and lower front covers are attached by catches to facilitate removal.

NIBE VVM 300

Volume total / Volume, hot water heater	280/155 litres
Maximum output immersion heater	13,5 kW
Output immersion heater on delivery	9.0 kW
Suitable for heat pump sizes	6, 8, 10 kW
Docking pump	Yes/speed-controlled
Output monitor	Yes
Prepared for pool heating	Yes
Prepared for control of two heating systems	Yes
Can be used without heat pump	Yes
Connection for additional heat source	No
Height/Width/Depth	1880/600/615 mm

NIBE™ EVP 270



A top-connected electric boiler intended for houses with water based heating.

With a volume of 270 litres, this boiler is equipped with a climate-controlled, automatic bypass system. It can be used with a NIBE F20XX (F2010, F2015, F2016, F2026 or F2026) air/water heat pump (models of 6, 8 or 10 kW), and has been especially developed for installation in houses/cellars with low ceilings. Domestic hot water is heated in a copper coil inside the accumulator tank, which takes up less space than a separate water heater and enables its smaller size. If, due to especially cold weather, the heat pump is unable to meet the home's energy requirement, additional heat is provided by an immersion heater within the NIBE EVP 270.

NIBE EVP 270

Volume total	270 litres
Maximal output immersion heater	13,5 kW
Output immersion heater on delivery	9.0 kW
Suitable for heat pump sizes	6, 8, 10 kW
Docking pump	No
Output monitor	Yes
Can be used without heat pump	Yes
Connection for additional heat source	No
Height/Width/Depth	1560/600/700 mm

NIBE™ EVP 510



An electric boiler optimally adapted for docking with NIBE's air-water heat pumps. The boiler consists of a pressure vessel, two immersion heaters, a charge pump and intelligent control. Together the NIBE F20XX (F2010, F2015, F2016, F2026 or F2026) and NIBE EVP 510 make up a complete heating system. This combination is ideal for larger homes with high energy consumption. It is also the best option for home-owners who want the heat pump to cover the greatest possible part of their energy needs, thus avoiding using the immersion heater as far as possible. If, due to especially cold weather, the heat pump is unable to meet the home's energy requirement, additional heat is provided by an immersion heater inside the NIBE EVP 510. Tap water is heated inside a stainless steel coil contained within the NIBE EVP 510, providing sufficient hot water to meet the needs of an average family home. The NIBE EVP 510 has an unusually high heat accumulation capacity, which makes it especially suitable for connection to a solar energy system as well.

NIBE EVP 510

Volume total	500 litres
Maximal output immersion heater	13,5 kW
Output immersion heater on delivery	9.0 kW
Suitable for heat pump sizes	8,10,14 kW
Output monitor	Accessories
Can be used without heat pump	Yes
Connection for additional heat source, e.g. solar	Yes
Height/Width/Depth	1810/750/950 mm

NIBE™ NIBE EVC 13

Compact electrical boiler which automatically adjusts to outdoor temperature NIBE EVC 13 features an automatic temperature-control system which means the temperature of the boiler, and consequently the temperature of the building's radiators, is regulated in accordance with the outdoor temperature.

NIBE EVC 13 is suitable for mounting above an electrical water heater such as NIBE COMPACT of any volume. These two pieces of equipment combine to give you a flexible unit for the provision of both heating and hot water.



NIBE EVC 13

Volume total	5,5 litre
Maximal output immersion heater	13,5 kW
Output immersion heater on delivery	9.0 kW
Height/Width/Depth	260/600/615 mm

NIBE™ EVC 240



A complete electric boiler, that's designed to be seen. NIBE EVC 240 is a bottom-connected electric boiler with climate-controlled automatic bypass system, timer for night reduction and integrated load monitor with power transformers. Two elevation modules are available to facilitate the concealment of installation pipes, which means the boiler can be placed discreetly in furnished rooms if necessary.

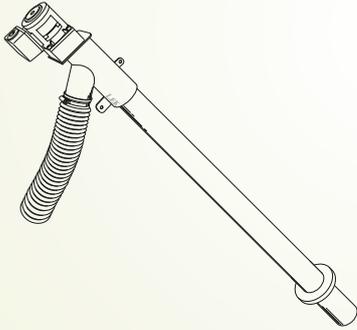
The water heater has a total water capacity is 240 litres, 70 litres of which are in the double-jacketed space and 170 litres in the water heater area. It is protected from corrosion by a copper lining.

The main body of the boiler operates at a high efficiency level, and with thermal insulation made of seamless CFC-free polyurethane foam, guarantees minimal heat loss.

NIBE EVC 240

Volume total	70 litres
Volume, hot water heater	170 litres
Maximum output immersion heater	13,5 kW
Output immersion heater on delivery	9.0 kW
Height/Width/Depth	1710/600/615 mm

ACCESSORIES

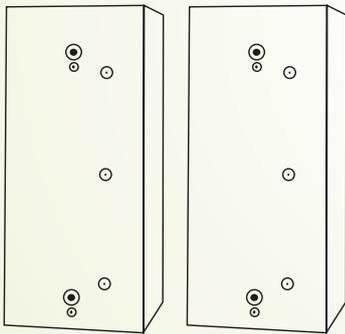


Carries pellets from your storage facility to the boiler

NIBE™ SCREW FEEDER - pellets

The screw feeder rotates and draws in pellets at the rate needed to ensure continuous operation of your boiler.

Choose between a 1,5 metre and a 2,5 metre long screw feeder, depending on the distance between your pellet storage to the boiler.

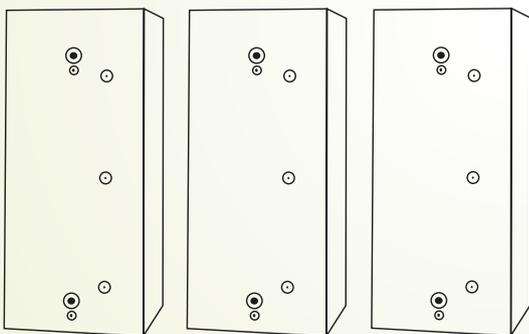


Stores heat from your wood boiler (for small and medium sized homes)

NIBE™ 1000 ACCUMULATOR TANK

Since a wood burning boiler usually produces more energy than can be used at one time, you need an accumulator tank to store the energy. The size of tank you choose depends on the size of your home and which wood boiler you've installed. As a rough guide, a 1000 litre accumulator suits a home of up to 150 m² heated by a NIBE VEDEX 1000 boiler.

Each accumulator tank - 500 litres



Stores the heat from your wood boiler (for medium sized homes)

NIBE™ 1500 ACCUMULATOR TANK

Since a wood burning boiler usually produces more energy than can be used at one time, you need an accumulator tank to store the energy. The size of tank you choose depends on the size of your home and which wood boiler you've installed. As a rough guide, a 1,500 litre accumulator suits homes over 150 m² which are heated by a NIBE VEDEX 3300 boiler.

Choose three tanks, each tank 500 litres, or two tanks of 750 litres.

For more technical information, go to www.nibe.eu



CASE - NIBE PELLUX

LOW COSTS, HIGH CONVENIENCE –
WITH A NIBE PELLET FUELLED BOILER



The background

The Abrahamsson family moved into a 1960s house in Småland, Sweden, with a main floor area of 125sq.m. plus another 125sq.m of converted cellar, which includes a family room, lavatory, shower, laundry room and storage space. The Abrahamssons were looking for a new environmentally friendly and reasonably priced heating system which could provide both heat and hot water year round. It should function at an economical rate, since the winters can be long and cold in Småland.

Solution

After careful consideration, they chose a domestic boiler, running on wood pellets, as this provides both good heat and good savings, using renewable bio-fuel. The wood pellets are made of compressed waste sawdust, a by-product of the timber industry.

The family teamed their NIBE PELLUX 200 boiler up with a NIBE PB10 pellet feeder, which refills the boiler automatically. Featuring a thermostatically controlled system and electrical ignition, the feeder ignites and extinguishes the flame as required. This means the boiler only produces energy as and when it's needed, making this heating system both economical and convenient.

Results

When the pellet-fired boiler was installed, the family's yearly heating and hot water bills went down immediately. Pellets are also a clean, renewable energy source which do not contribute to the greenhouse effect. And thanks to the NIBE PB10 it's no trouble to keep the boiler going all year round. They refill the pellet feeder once a week in the coldest months, but only once a month in the summertime.

KEEP YOUR OPTIONS OPEN!

With a NIBE domestic boiler you have the flexibility to use almost any other kind of additional energy source as and when it's needed. Examples of docking options include air/water heat pumps, solar panels and, of course, electricity.

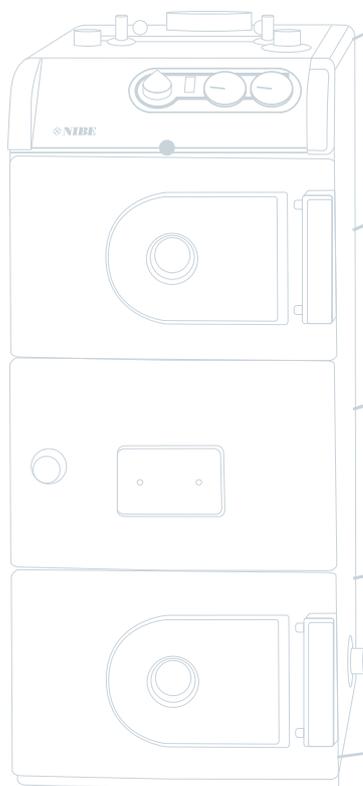
A future proof heating system

With all these different docking options, your home's energy needs are guaranteed for the future too. Current conditions might favour the use of electricity as a complement to your boiler but if supplies become more expensive, it's a comfort to know you can also use e.g. air/water heat pump as an energy booster instead – without changing the boiler, your main source.

Make it greener!

Given widespread concerns about climate change and the rapid development of legislation regarding permissible CO₂ emissions levels, it's also good to know that your NIBE boiler connects easily to another renewable energy supply, such as solar panels. Choose this option today, and you'll be all set for many years to come.

And let's not forget the increase in your home's resale value as a result of installing a clean, modern low cost heating system!





NEW TIMES CALL FOR A NEW APPROACH

We all know we've got to reduce emissions.
The question is how?

"Green" thinking might once have been a luxury, but lately it has become a necessity that none of us can afford to ignore. Increasingly, the reduction of CO₂ emissions is becoming a legal requirement as well as an environmental necessity.

Over 70% of an average home's CO₂ emissions are caused by its heating and hot water systems. In order to reduce this figure, we need to start implementing greener, more sustainable technologies across the board. Only then, will we see a significant reduction in CO₂ emissions.

Meanwhile the prices of traditional energy sources are rising steadily, with the result that more and more people feel inclined to consider alternative, more efficient energy sources.



HEATING YOUR HOUSE WITH A RENEWABLE ENERGY SOURCE IS THE PROVEN BEST OPTION FOR THE ENVIRONMENT.

One obvious reason for this is that even when you account for emissions of fossil carbon dioxide in planting, harvesting, processing and transporting the biomass fuel, replacing fossil fuel with wood fuel will typically reduce net CO₂ emissions by over 90%.

What's more, you can combine the use of a biomass boiler easily with other environmentally friendly heat sources. For example, when using a wood burning boiler, you can also take advantage of solar energy, a cost and emission-free way to supplement your household's energy supply. Or you can install a NIBE air/water heat pump which extracts energy from the outside air and simply upgrades it to provide heat and domestic hot water for your home.

A third point to consider is that boilers, like every manufactured item contains what we call 'embedded energy'. That is, the energy required to make the product and transport it from the factory to the site where it will be used. By continually improving its own processes, NIBE seeks to minimise the amount of embedded energy in its products; to build and transport them in the most environmentally friendly way.

Working towards a zero carbon future

The drive to reduce energy consumption and the impact its use has on the environment is crucial and increasingly important to us all. Why not take a step closer towards a zero carbon future and fuel your boiler with another renewable energy source such as wind power or hydro energy?

See www.nibe.eu for more information.





'Do what you can
with what you've got'.

Providing efficient ways to heat your home with biomass or smart combinations of green energy, NIBE's domestic boilers are another ingenious demonstration of this philosophy at work!



NIBE OF SWEDEN

Living in harmony with nature

The Swedes have a long and impressive track record of clever, money-saving innovations that use resources sparingly. The simple reason for this is that Sweden was historically a poor agrarian country. A harsh winter climate made food scarce for many months, necessitating careful forward planning.

Today, Sweden is a technologically advanced country with a successful economy, so this is no longer necessary. However, the mindset continues to be manifested in the form of fabulous, cost saving innovations.

NIBE is a perfect example of the economical Swedish mind at work!

The company was founded by Nils Bernerup in 1952, after a particularly cold winter. And over the last 60 years it has become Sweden's leading supplier of domestic heating products, continually driving the development of ever-more efficient heating methods.

Early products included water heaters and pressure vessels. In the 1970s these were supplemented by electric boilers. Heat pumps and a wide range of other heating products that meet the needs of the European markets were later added to the mix.

Nowadays, NIBE is a leading player in both heating and cooling solutions around Europe. We strive to offer innovative solutions that not only save energy but which also reduce CO₂ emissions.

Together with our customers, we're working towards a more sustainable future, one home at a time.

SWEDEN'S BIGGEST SUPPLIER OF HEATING PRODUCTS

NIBE is Sweden's biggest supplier of heating products, offering a wide range of products and solutions to meet every individual need. Our range includes ground source and air/water heat pumps, domestic boilers, water heaters and a variety of other products designed to generate and distribute heat.

Ground source heat pumps

Ground source heat pumps extract solar energy which is stored in the soil, bedrock or a nearby water source, thus providing an environmentally friendly alternative for the heating of houses, apartment buildings and other large properties. Our ground source heat pumps are available with or without an integrated water boiler.

Air/water heat pumps

Air/water heat pumps extract and upgrade the heat from the outside air. Unlike the simpler air/air heat pumps, they can be connected to the building's central heating system to provide both heat and hot water, and in some cases, cooling.

Exhaust air heat pumps

Exhaust air heat pumps can provide your home with heating, hot water and ventilation. Heat is extracted from the outgoing air in the ventilation system then recycled to heat the incoming air and hot water supply.

Domestic Boilers

NIBE offers a range of different boilers that run oil, electricity, pellets or wood. For those who fear dependence on one fuel source, we also offer a combination boiler. This makes it possible for you choose the cheapest, most plentiful source of energy at any given time. Combine your boiler with an air/water heat pump or solar panels for even greater savings.

Water Heaters

NIBE has for been supplying hot water to the people of Sweden for over 50 years! In fact, over half the homes in Sweden have a water heater from NIBE. Capacities range from 30 – 1,050 litres and feature different kinds of corrosion protection to suit different geographical areas. With such a broad range to choose from, we're confident that everyone can find a NIBE water heater to suit their needs.

Exhaust air heat pumps

Ground source heat pumps



Air/water heat pumps



Domestic boilers



Water heaters



NIBE IN EUROPE

With offices and distributors in several European countries, NIBE is one of Europe's leading providers of heating solutions. Please find your local NIBE office on www.nibe.eu.



20/20/20

A new generation of heat pumps
DESIGNED FOR EARTH

What do we mean by
"A new generation of heat
pumps – designed for earth?"

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 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.

Our products are designed to USE THE EARTH.

The main energy source for NIBE heat pumps is the earth, or the ambient air or a nearby water source – one or more of which occur naturally all over the planet and are provided free by Mother Earth.

Our products are relevant ALL OVER THE EARTH.

Since we now offer a system with both heating and cooling functions, you can use a NIBE heat pump anywhere, regardless of your geographic location.

Our products are designed with the HEALTH OF THE EARTH in mind.

NIBE products have a very low environmental impact compared to other heating systems currently available. They do have some impact, as do all manufactured goods, but we are continually working to minimise this and to deliver an environmental payback in the form of reduced emissions.



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This brochure is a publication from NIBE. All product illustrations, facts and specifications are based on current information at the time of the publication's approval. NIBE makes reservations for any factual or printing errors in this brochure.

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