

IT'S IN OUR NATURE

WWW.NIBE.EU



NIBE product range

Ground source heat pumps

Air/water heat pumps

Exhaust air heat pumps

Air/air heat pumps

Hot water supply

Ventilation

Solar energy production

Domestic boilers

Accessories





*Nature can be warm and loving,
as well as cold and fierce.
She is our greatest source of
energy, and we depend on her
to bring life into everything
around us.*

Being born in the harsh environments of the Nordics means we are not only used to strong climate contrasts, we have to thrive no matter the circumstances.

Whether it's a freezing winter or a hot summer afternoon, the need for a balanced indoor climate have always been an essential part of our everyday life.

Our products provide cooling, heating, ventilation and hot water to your home, enabling you to regulate your energy consumption, creating the perfect indoor climate. And by using local natural power, together we can build a more sustainable future.

NIBE – IT'S IN OUR NATURE

A connected system

We strive to maximize the outcome of every product carrying the NIBE name, while always focusing on the system as a whole through connectivity and flexibility. This system controls everything with its software, allowing you to integrate products within your home to create a balanced indoor climate with minimal impact on the environment.

For more information about the products, their features, benefits and energy labeling etc please visit www.nibe.eu.

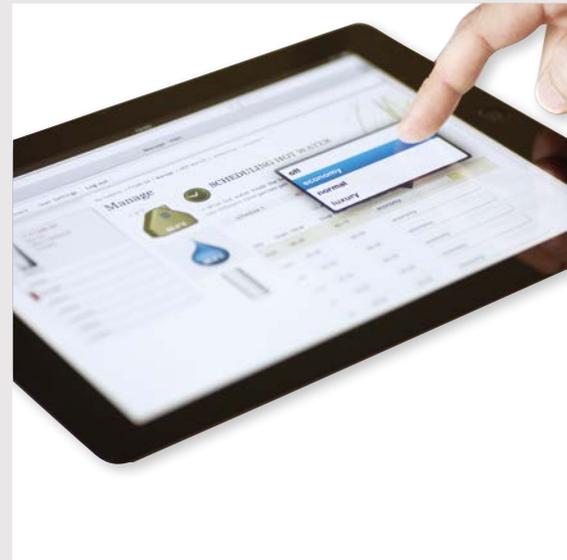
NIBE Product Range *Connected system*

NIBE UPLINK™

Freedom – anywhere, any time

Using the Internet and NIBE Uplink you can get a quick overview and the present status of your heat pump and the heating in your property. You get a good overall view where you can follow and control your heating and hot water production. If your system is affected by an operational disturbance you receive an alert via e-mail that allows you to react quickly.

- *An efficient tool that gives you quick and easy control over your property's heat pump wherever you are.*
- *Clear, easy way of monitoring and controlling heating and water temperatures for maximum comfort.*
- *Provides logging of heat pump parameters presented in a user-friendly history chart.*



PUBLIC API

API functionality for external integration of e.g home management systems and BMS

IFTTT

A new free web-based service that enables you to really make full use of your smart-home technology. Connect products and services in your home for maximum comfort.

SMART PRICE ADAPTION

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



NIBE product range

ENERGY SOURCE

Ground source heat pumps

NIBE F1155
NIBE F1255
NIBE F1355

NIBE F1145
NIBE F1245
NIBE F1345

Air/water heat pumps

NIBE F2120
NIBE F2040
NIBE SPLIT

NIBE VVM 310
NIBE VVM 320/325
NIBE VVM 500
NIBE SMO 20/40

Exhaust air heat pumps

NIBE F730
NIBE F750
NIBE F370
NIBE F470

Air/air heat pumps

NIBE ARIA

SOLAR ENERGY PRODUCTION

NIBE PV

INDOOR COMFORT

Hot water supply

Water heaters

NIBE NIBETTE 15
NIBE COMPACT
NIBE COMPACT SC
NIBE COMPACT 300 Sol

NIBE EMINENT
NIBE ES
NIBE EL

Domestic hot
water heat pumps

Ventilation/Outdoor air
NIBE MT-WH21
NIBE MT-WH20
NIBE F130
NIBE F110

Microbooster
NIBE MT-MB21

Storage tanks

NIBE VPB/VPBS
NIBE AHP/AHPS/AHPH
NIBE VPB500/750/1000

NIBE Product Range
Overview list

Ventilation

Exhaust air with preheated supply air	<i>NIBE F470</i> <i>NIBE NIBE F750 + SAM 40</i> <i>NIBE ERS 10-500</i> <i>NIBE ERS 20-250</i> <i>NIBE GV-HR110</i>
Exhaust air	<i>NIBE F370</i> <i>NIBE F730/F750</i> <i>NIBE FLM</i> <i>NIBE NIBE F135</i> <i>NIBE MT-WH/F110/F130</i>
Decentralized system	<i>NIBE DVC-10</i>

BIO & HYBRID SOLUTIONS

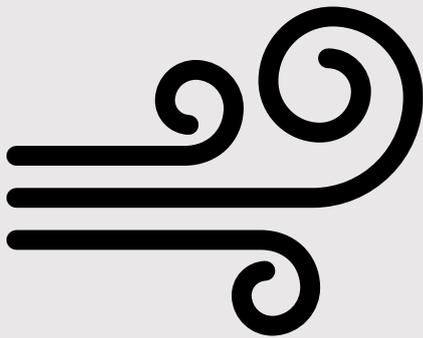
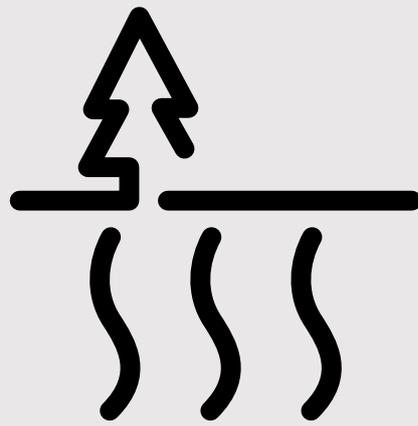
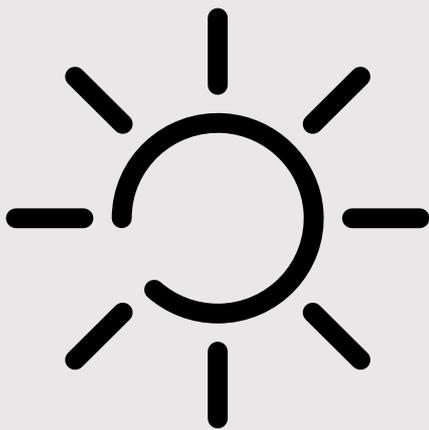
Domestic boilers	<i>NIBE PELLUX 100 20/30kW</i> <i>NIBE PELLUX 200</i> <i>NIBE PELLUX COMPACT</i> <i>NIBE VEDEX 3400</i> <i>NIBE GBM 10-15</i>
------------------	---

ACCESSORIES

Thermal storage tanks	<i>Refer to section for specific accessories</i>
Universal accessories	
Ground source accessories	
Air/water accessories	
Exhaust air accessories	

Energy source

We use renewable energy sources to enable you to control your indoor climate. Reduce your CO₂ emissions by utilizing outdoor air or harvesting the sun's heat from the ground and lakes. You can even reuse the warm indoor air while it passes through your ventilation system to reduce heating costs.



Ground source heat pumps

Ground source heat is pure, stored solar energy harvested from deep within the ground, the bottom of lakes or simply just below your lawn. By using renewable energy you will reduce your energy costs and CO₂ emissions substantially. The system is able to supply your home with both heat and hot water during colder winter months, as well as cooling during hot summer days.

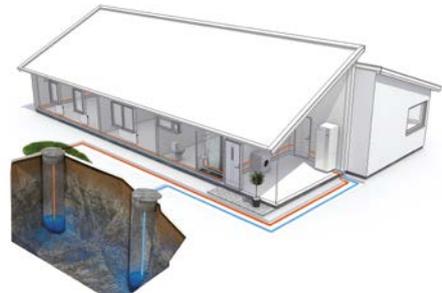
Products included

NIBE F1155/F1155 PC
NIBE F1255/F1255 PC
NIBE F1355

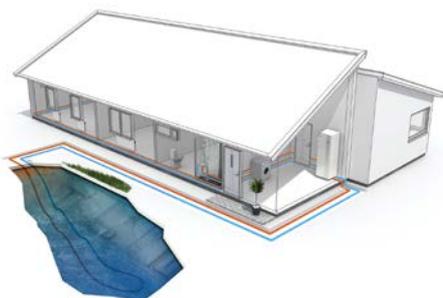
NIBE F1145/F1145 PC
NIBE F1245/F1245PC
NIBE F1345



Rock – using a ground probe



Ground water



Lake collector



Surface soil – using a surface collector

NIBE Product Range
Energy source – Ground source heat pumps

NIBE F1255/F1255 PC NIBE F1255 – Inverter controlled ground source heat pump with an integrated water heater and extraordinarily high efficiency.

F1255 PC – Inverter controlled ground source heat pump with passive cooling, integrated water heater and extraordinarily high efficiency.

Height	1800 mm
Width	600 mm
Depth	620 mm
Net weight*	220–255kg
Volume water heater	180 litres
Warm water capacity 40 °C*	240 litres

* Depending on the model

Models	NIBE F1255-6 NIBE F1255-12 NIBE F1255-16	NIBE F1255-6 PC
--------	--	-----------------



Energy efficiency class package label for NIBE F1255.

NIBE F1155/ F1155PC NIBE F1155 – Ground source heat pump without an integrated water heater. The heat pump adjusts itself automatically to the power demand of the house.

NIBE F1155 PC – Ground source heat pump with passive cooling without integrated water heater. The heat pump adjusts itself automatically to the power demand of the house.

Height	1500 mm
Width	600 mm
Depth	620 mm
Net weight*	150–180 kg

* Depending on the model

Models	NIBE F1155-6 NIBE F1155-12 NIBE F1155-16	NIBE F1155-6 PC
--------	--	-----------------



Energy efficiency class package label for NIBE F1155.

NIBE Product Range
Energy source – Ground source heat pumps

NIBE F1245/F1245PC

NIBE F1245 – Ground source heat pump with an integrated water heater and extraordinarily high efficiency.

NIBE F1245 PC – Ground source heat pump with passive cooling, integrated water heater and extraordinarily high efficiency.

Height	1800 mm
Width	600 mm
Depth	620 mm
Net weight*	235–260 kg
Volume water heater	180 litres
Warm water capacity 40 °C*	230–240 litres

* Depending on the model



A+++
 Energy efficiency class 35 °C
 package label for NIBE F1245.

Models	NIBE F1245-5 NIBE F1245-6 NIBE F1245-8	NIBE F1245-10 NIBE F1245-12	NIBE F1245-5 PC NIBE F1245-6 PC	NIBE F1245-8 PC NIBE F1245-10 PC
--------	--	--------------------------------	------------------------------------	-------------------------------------

NIBE F1145/F1145 PC

NIBE F1145 – Ground source heat pump without an integrated water heater. Extraordinarily high efficiency.

NIBE F1145PC – Ground source heat pump with integrated passive cooling but without an integrated water heater.

Height	1500 mm
Width	600 mm
Depth	620 mm
Net weight*	170–205 kg

* Depending on the model



A+++
 Energy efficiency class 35 °C
 package label for NIBE F1145-5–15

Models	NIBE F1145-5 NIBE F1145-6 NIBE F1145-8 NIBE F1145-10	NIBE F1145-12 NIBE F1145-15 NIBE F1145-17	NIBE F1145-5 PC NIBE F1145-6 PC	NIBE F1145-8 PC NIBE F1145-10 PC
--------	---	---	------------------------------------	-------------------------------------

NIBE Product Range
Energy source – Ground source heat pumps

NIBE F1345
Commercial

Ground source heat pump for larger residential and commercial installations from 24 to 540 kW in cascade.

Height	1800 mm
Width	600 mm
Depth	620 mm
Net weight*	325–353kg

* Depending on the model

Models

- NIBE F1345-24
- NIBE F1345-30
- NIBE F1345-40
- NIBE F1345-60



Energy efficiency class 35 °C package label for NIBE F1345.

NIBE 1355
NEW

Two compressor inverter controlled ground source heat pump for multi-occupancy buildings, industrial premises, churches and other buildings with a large heat demand.

Height	1800 mm
Width	600 mm
Depth	620 mm
Net weight	375 kg

Models

- NIBE F1355-28 *NEW*



Energy efficiency class package label for NIBE F1355.

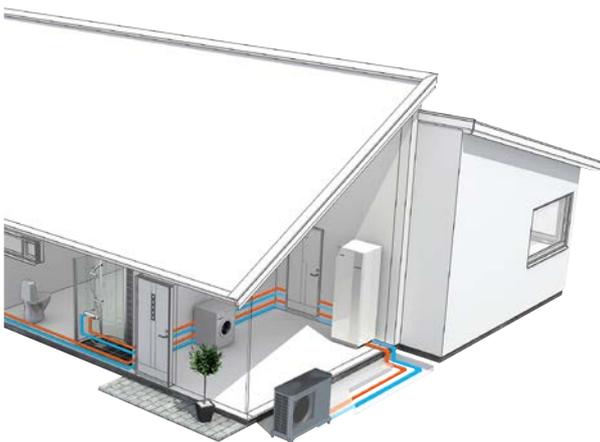
Air/water heat pumps

Using outdoor air is an efficient way to create a balanced indoor climate in your home. By investing in an air/water heat pump, you'll reduce both your CO₂ emissions and your energy costs. There are two systems to choose from, Monobloc and Split. Both systems contains an outdoor and indoor module that creates a complete heating and hot water unit. Since air is one of nature's free and renewable energy sources, the air/water heat pump will pay for itself in the long run.

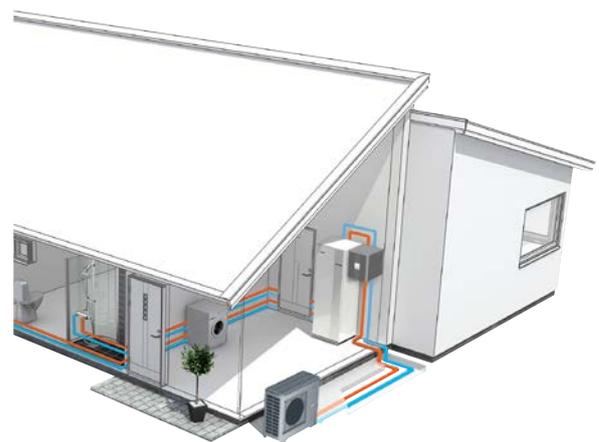
Products included

NIBE F2120
NIBE 2040
NIBE SPLIT

NIBE VVM 310
NIBE VVM 320/325
NIBE VVM 500
NIBE SMO 20/40



Monobloc



Split

Outdoor modules – monobloc

NIBE F2120 NEW

Air/water heat pump with inverter controlled compressor for both heating and cooling. NIBE F2120 offers a low noise level, extensionally large operating envelope and a top class annual efficiency. F2120 is intended to be combined with an indoor module, VVM or a controller module, SMO.

Height*	1070–1165 mm
Width*	1130–1280 mm
Depth*	610–612 mm
Net weight*	150–183 kg

* Depending on the model



Energy efficiency class package label for NIBE F2120

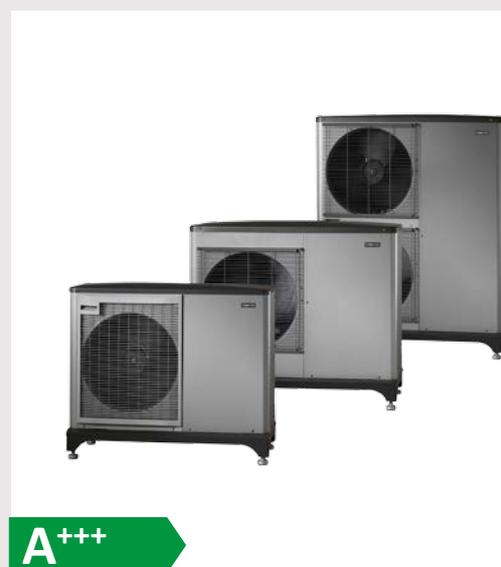
Models	NIBE F2120-8 NEW	NIBE F2120-16 NEW
	NIBE F2120-12 NEW	NIBE F2120-20 NEW

NIBE 2040 NEW

Air/water heat pump with inverter controlled compressor for both heating and cooling in a compact design. F2040 is intended to be combined with an indoor module, VVM or an controller module, SMO.

Height*	793–1450 mm
Width*	993–1145 mm
Depth*	364–452 mm
Net weight*	65–135 kg

* Depending on the model



Energy efficiency class 35 °C package label for NIBE F2040

Models	NIBE F2040-6 NEW
	NIBE F2040-8
	NIBE F2040-12
	NIBE F2040-16

Outdoor modules – split

NIBE SPLIT HBS 05
 NEW

NIBE air/water heat pump for heating and cooling in a compact design. The outdoor unit AMS 10 combined with an indoor heat exchanger module, HBS 05, creates a complete heat pump to be combined with an indoor module, VVM or an controller module, SMO.



Energy efficiency class 35 °C
 package label for NIBE SPLIT HBS 05

HBS 05	Height (without pipe/ with pipe)	463/565 mm
	Width	404 mm
	Depth	472 mm
	Net weight	15–19.5 kg

Outdoor unit AMS 10	Height	640–1300 mm
	Width	780–970 mm
	Depth	290–370 mm (+80–110 mm with foot rail)
	Net weight*	45–105 kg

* Depending on the model

Models	NIBE AMS 10-6 – HBS 05-6 NEW
	NIBE AMS 10-8 – HBS 05-12
	NIBE AMS 10-12 – HBS 05-12
	NIBE AMS 10-16 – HBS 05-16

Indoor modules – monobloc & split

NIBE VVM 310

Flexible indoor module that provides efficient heating/cooling and hot water at high performance. The VVM indoor modules are all-in-one units and includes a smart and user-friendly control system, water heater, electrical addition, self-regulating circulating pump.

Height (excl feet 30-50 mm)	1800 mm
Width	600 mm
Depth	615 mm
Net weight	140 kg
Volume	270 litres
Immersion heater	12 kW
Warm water capacity 40 °C	250 liter



NIBE VVM 320/325

Flexible indoor module that provides efficient heating/cooling and hot water at high performance. The VVM indoor modules are all-in-one units and includes a smart and user-friendly control system, water heater, electrical addition, self-regulating circulating pump. VVM 320 and VVM 325 also includes the filling loop, pressure gages, safety valves and expansion vessel, everything needed for the normal installation.

Height	1800 mm
Width	600 mm
Depth	615 mm
Net weight	140 kg
Volume	180 litres
Immersion heater	9 kW
Warm water capacity 40 °C	240 liters
Connection	Top VVM 320 Bottom VVM 325



NIBE Product Range

Energy source – Air/water heat pumps – monobloc & split

NIBE VVM 500

Flexible indoor module that provides efficient heating/cooling and hot water at high performance. The VVM indoor modules are all-in-one units and includes a smart and user-friendly control system, water heater, electrical addition, self-regulating circulating pump.

Height	1900 mm
Width	760 mm
Depth	900 mm
Net weight	240 kg
Volume	500 litres
Immersion heater	9 kW
Warm water capacity 40 °C	350 liters



NIBE SMO 20/40

The control modules, NIBE SMO, provides a flexible solution that easily can be customized. For solutions with NIBE SMO, system components such as water heaters, additional heat source and other accessories are chosen specifically for the actual set-up. Up to 8 NIBE air/water heat pumps can be connected to one NIBE SMO 40.

SMO 20	Height	410 mm
	Width	360 mm
	Depth	110 mm
	Weight	4.3 kg
	Controls up to	1 heat pump

SMO 40	Height	410 mm
	Width	360 mm
	Depth	120 mm
	Weight	5.15 kg
	Controls up to	8 heat pumps

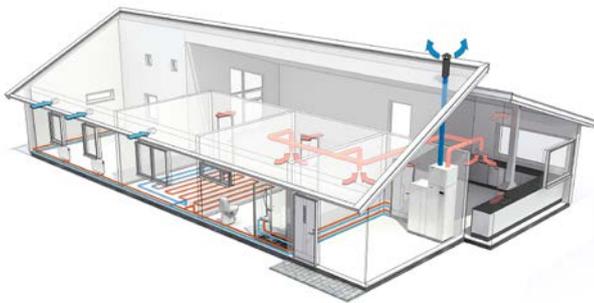


Exhaust air heat pumps

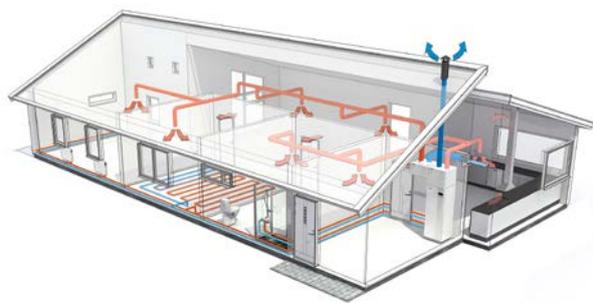
Installing an exhaust air heat pump is a profitable and easy way to warm up your home, supply it with hot water and keep it well-ventilated. Reuse the energy from the warm indoor air as it passes through your ventilation system to create an ideal solution for your modern home.

Products included

- NIBE F730
- NIBE F750
- NIBE F370
- NIBE F470



Exhaust air



Exhaust air with preheated supply air

NIBE Product Range
Energy source – Exhaust air heat pumps

NIBE F730

A complete exhaust air heat pump with inverter controlled compressor providing heating, hot water, ventilation and heat recovery.

Height	2000 mm
Width	600 mm
Depth	615 mm
Net weight	207 kg
Volume total	190 litres
Warm water capacity 40 °C	177–227 litres



A+++
 Energy efficiency class
 package label for NIBE F730

Models NIBE F730

NIBE F750

A complete exhaust air heat pump with inverter controlled compressor providing heating, hot water, ventilation and heat recovery with Integrated volume vessel.

Height (excl. inverter box 120 mm)	2100 mm
Width	600 mm
Depth	615 mm
Net weight	237 kg
Volume total	205 litres
Warm water capacity 40°C	177–227 litres



A+++
 Energy efficiency class
 package label for NIBE F750

Models NIBE F750

NIBE Product Range
Energy source – Exhaust air heat pumps

NIBE F370

A complete exhaust air heat pump providing heating, hot water, ventilation and heat recovery.

Height	2100 mm
Width	600 mm
Depth	615 mm
Net weight	205 kg
Volume total	240 litres
Capacity warm water 40 °C	217 litres

Models

NIBE F370



A+
 Energy efficiency class for
 NIBE F370

NIBE F470

A complete exhaust air heat pump providing heating, hot water, ventilation, preheated supply air and heat recovery.

Height	2100mm
Width	600 mm
Depth	615 mm
Net weight	218 kg
Volume total	240 litres
Capacity warm water 40 °C	217 litres

Models

NIBE F470



A+
 Energy efficiency class for
 NIBE F470

Air/air heat pumps

If you are rely on direct electrical heating, an air/air heat pump is a suitable and economical alternative to make sure your indoor climate stays ideal. This enables you to regulate your energy consumption in a cost-effective and environmentally responsible way.

NIBE Product Range
 Energy source – Air/air heat pumps

NIBE ARIA

Air/air heat pump system with inverter controlled compressor for heating and cooling. The indoor module offers a room thermostat function built-in in the remote for optimal comfort.

Indoor unit	Height*	289–300 mm
	Width*	845–970 mm
	Depth*	209–224 mm
	Net weight*	10–14 kg

Outdoor unit	Height*	765–895 mm
	Width*	315–345 mm
	Depth*	544–630 mm
	Net weight*	35–57 kg

* Depending on the model

Models	Indoor unit	Out door unit
	AG-WL 10-4	AG-AA 10-30
	AG-WL 10-7	AG-AA 10-40
	AG-WT 10-4	AG-AA 10-50
	AG-WT 10-7	



Energy efficiency class package label
 for NIBE ARIA, Cooling

Solar energy production

Start producing your own energy with solar products from NIBE. When connected to your smart heat pump, the pump will multiply the energy you've harvested. By integrating products into one system, you can reduce your energy costs and use renewable energy efficiently.

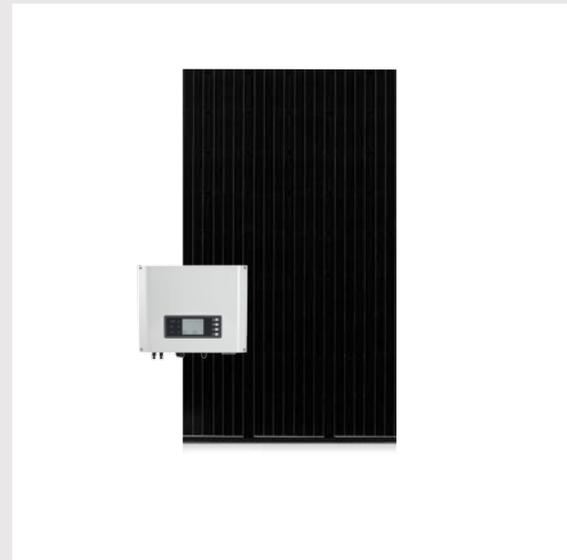
NIBE Product Range
Solar energy production

NIBE PV
NEW

Solar package for roof installation. The panels are made of crystalline silicon, covered with special glass.

Rated power	290 Wp
Height	1650 mm
Width	992 mm
Depth	40 mm

Solar inverter	Net weight	19 kg
	Dimensions (LxBxH)	
	3 kW	347x432x145 mm
	6-12 kW	516x474x192 mm
	21 kW	516x650x203 mm
	Weight, 3 kW	14 kg
	Weight, 6-12 kW	24 kg
Weight, 21 kW	39 kg	



Indoor comfort

The thing we are all looking for, and keep returning to, is indoor comfort. This revolves around our need to recharge in a space where we feel calm and secure. Sometimes one product covers everything, and sometimes you need to add a function to fully achieve the level of indoor comfort you are striving for. We focus on simplicity through integration and connectivity to provide you with all the heating, cooling, ventilation and hot water you need.

Hot water supply

We've been manufacturing hot water comfort for more than 50 years. So regardless of your hot water needs, we have the right solution for you. Our full range of hot water solutions complement our selection of heat pumps and biomass boilers.

Water heaters

NIBE NIBETTE 15
NIBE COMPACT
NIBE COMPACT SC
NIBE COMPACT 300 Sol

NIBE EMINENT
NIBE ES
NIBE EL

Domestic hot water pumps

Ventilation outdoor air
NIBE MT-WH21
NIBE MT-WH20
NIBE F130
NIBE F110

Microbooster:
NIBE MT-MB21

Storage tanks

NIBE VPB/VPBS
NIBE AHP/AHPS/AHPH
NIBE VPB500/750/1000

Water heaters

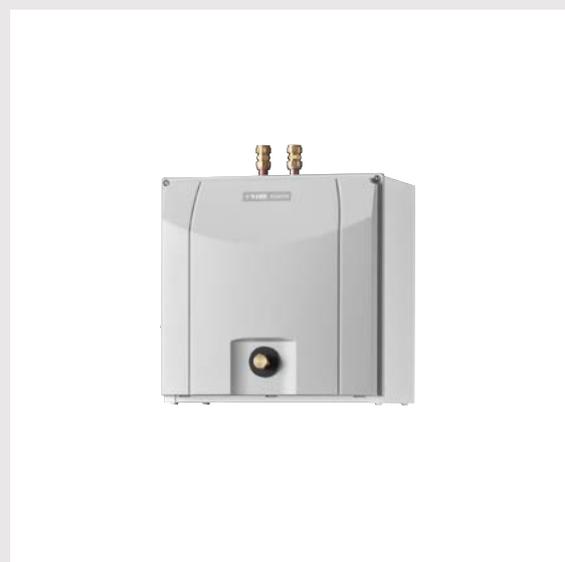
NIBE NIBETTE 15

This water heater is suitable for small holiday homes/cottages where you rarely need more hot water than the volume provided by NIBE NIBETTE 15. It can also be a good solution for larger installations where hot water is needed a long way away from the regular water heater.

Height(excl connections)	395 mm
Width	390 mm
Depth	305 mm
Net weight	18 kg
Volume	15 litres
Capacity warm water 40 °C	17 litres

Models

NIBE NIBETTE 15



NIBE EMINENT

Available in four sizes, NIBE EMINENT covers a variety of hot water needs – mainly for holiday homes and smaller houses. The smallest one, the NIBE EMINENT 35, lets you take a quick shower and still have water for the washing up. At the other end of the scale, NIBE EMINENT 100 covers all your hot water needs during the summer months.

Height*	565–1304 mm
Depth	467 mm
Width	455 mm
Net weight*	60–225 kg
Volume	35–120 litres
Capacity warm water 40 °C	70–240 litres

** Depending on the model*

Models

NIBE EMINENT 35	NIBE EMINENT 100
NIBE EMINENT 55	NIBE EMINENT 120



NIBE Product Range
Indoor comfort – Hot water supply – Water heaters

NIBE COMPACT

This popular water heater comes with a choice of different corrosion resistant protection, making it suitable for most detached homes. NIBE COMPACT is available in four sizes: 100, 150, 200 and 300.

Height*	820–1710 mm
Width	600 mm
Depth	615 mm
Net weight*	56–122 kg
Volume*	90–260 litres
Capacity warm water 40 °C	210–550 litres

** Depending on the model*



Models	NIBE COMPACT 100	NIBE COMPACT 200
	NIBE COMPACT 150	NIBE COMPACT 300

NIBE COMPACT SC

NIBE COMPACT SC is available in three sizes: 150, 200 and 300 and comes with a Smart controller learning your hot water demand for highest comfort and lowest energy usage.

Height*	1140–1730 mm
Width	600 mm
Depth	620 mm
Net weight*	55-98 kg
Volume*	140–269 litres
Capacity warm water 40 °C	200–400 litres

** Depending on the model*



Models	NIBE COMPACT SC 150
	NIBE COMPACT SC 200
	NIBE COMPACT SC 300

NIBE Product Range
Indoor comfort – Hot water supply – Water heaters

NIBE COMPACT 300 SOL

Copper lined electric water heater that can utilise the heat of the sun. 300 litres.

Height	1710 mm
Width	600 mm
Depth	615 mm
Net weight	125 kg
Volume	260 litres
Capacity warm water 40 °C	600 litres



Models NIBE COMPACT 300 SOL

NIBE ES

NIBE ES is a range of robustly designed water heaters, suitable for use in detached houses, rented houses, industrial premises and leisure facilities. Easily accessible piping makes them ideal for e.g. cellars, cold stores, garages etc. NIBE ES is installed vertically. The outer casing is made of robust plastic. The water tank of ES consists of a steel container with copper anti-corrosion protection on the inside.

Height	980–1700 mm
Diameter*	600–750 mm
Net weight*	55–140 kg
Volume*	159–497 litres
Capacity warm water 40 °C*	340–1050 litres



* Depending on the model

Models NIBE ES 160 NIBE ES 300
 NIBE ES 210 NIBE ES 500

NIBE Product Range
Indoor comfort – Hot water supply – Water heaters

NIBE EL

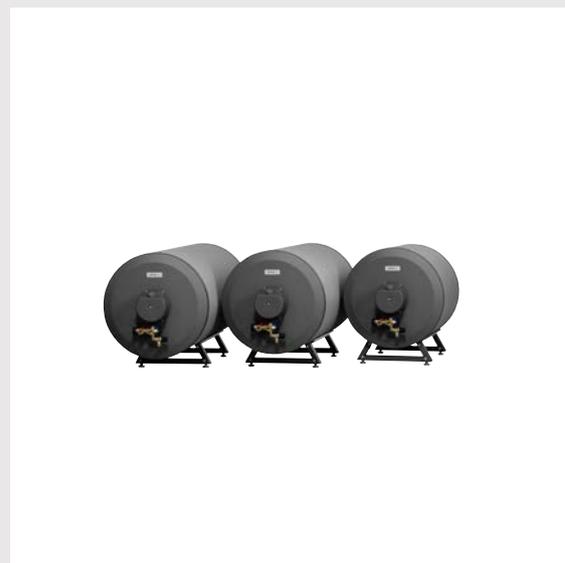
NIBE EL is a range of robustly designed water heaters, suitable for use in detached houses, rented houses, industrial premises and leisure facilities. Easily accessible piping makes them ideal for e.g. cellars, cold stores, garages etc. NIBE EL is installed Horizontally.

Length	905–1615 mm
Diameter	596 mm
Net weight*	54–76 kg
Volume*	150–300 litres

** Depending on the model*

Models

NIBE EL 150
NIBE EL 230
NIBE EL 300



NIBE Product Range

Indoor comfort – Hot water supply – Domestic hot water heat pumps – Ventilation – Outdoor air

Domestic hot water heat pumps

NIBE MT-WH20

Domestic hot water heat pump

Height (incl connecting pipes)	1837 mm
Diameter	660 mm
Net weight	113 kg
Volume	285 litres
Capacity warm water 40 °C	395 litres

Models

NIBE MT-WH2029



NIBE MT-WH21
NEW

Hot water heat pump

Height (excl connectors)	1620 mm**
Diameter	603 mm
Net weight*	94–100 kg
Volume*	190–260 litres

* Depending on the model

** NIBE MT-WH21-019

Models

NIBE MT-WH21-019 *NEW*
NIBE MT-WH21-026 *NEW*



NIBE Product Range

*Indoor comfort – Hot water supply – Domestic hot water heat pumps – Ventilation
– Outdoor air*

NIBE F130

Hot water heat pump. To be connected to the stainless steel tank VPD which is available in 150 or 300 litres versions.

Height (excl connectors)	490–515 mm
Width	600 mm
Depth	605 mm
Net weight	50 kg



NIBE F110

Domestic hot water heat pump

Height	2030–2060 mm
Width	600 mm
Depth	605 mm
Net weight	144 kg
Capacity warm water 40 °C	365 litres



Models

NIBE F110

NIBE Product Range

Indoor comfort – Hot water supply – Domestic hot water heat pumps – Microbooster

NIBE MT-MB21 *NEW*

Domestic hot water booster heat pump with integrated storage tank. Hot water production charging in two ways: Direct pre-heating via internal heating coil, e.g., at low water tank temperatures, or, via heat pump circuit.

Height	1400 mm
Diameter	660 mm
Net weight	104 kg
Hot water volume	190 litres

Models

NIBE MT-MB21-019-F *NEW*
NIBE MT-MB21-019-FS *NEW*



Storage tanks

NIBE VPB/VPBS

NIBE VPB, one of our new generations of water heaters, is suitable for connections to both heat pumps and gas/oil boilers. This free-standing water heater comes with copper, enamel or stainless steel corrosion protection (NIBE VPBS 300 only copper and enamel) and a capacity of 200 or 300 litres.

Height	1475–1775 mm
Width	560 mm
Depth	600 mm
Net weight*	101–137 kg
Volume*	178–276 litres
Capacity warm water 40 °C*	230–360 litres

** Depending on the model*

Models	NIBE VPB 200
	NIBE VPB 300
	NIBE VPBS 300



NIBE AHP/AHPS/AHPH

NIBE AHPS/AHP/AHPA is a new series of storage tanks. AHPA is a “Technology tank”, a tank with more flexibility. AHPS has a solar coil and a combined pre- and post-heating coil for hot water production.

Height (excl connections)	1800 mm
Width	600 mm
Depth	600 mm
Net weight*	130–140 kg
Volume*	285–291 liter

** Depending on the model*

Models	NIBE AHP
	NIBE AHPS
	NIBE AHPH



NIBE Product Range

Indoor comfort – Hot water supply – Storage tanks

NIBE VPB 500–1000

VPB is a range of efficient water heaters, with a wide range of applications, which are suitable for connections to heat pumps, gas or oil-fired boilers. All models are intended for properties with large hot water requirements. They can also be suitable for connection in parallel for use in larger properties.

Height	1750–2060 mm
Diameter*	760–960 mm
Net weight*	190–280 kg
Volume*	496–992 litres
Capacity warm water 40 °C*	590–1180 litres

** Depending on the model*

Models	NIBE VPB 500
	NIBE VPB 750
	NIBE VPB 1000



Ventilation

Our home is where we find comfort, so every home needs to breathe. We provide you with the ability to optimize your ventilation, regardless of your source of energy. Integrate your ventilation unit with your heat pump to establish a complete control system with all the benefits of our smart technology.

Exhaust and supply air ventilation	<i>NIBE F470 NIBE F750 + SAM 40 NIBE ERS 10-500 NIBE ERS 20-250 NIBE GV-HR110</i>
---------------------------------------	---

Exhaust air ventilation	<i>NIBE F370 NIBE F730/F750 NIBE MT-WH20 NIBE MT-WH21 NIBE F110 NIBE F135 NIBE F130 NIBE FLM</i>
-------------------------	--

Decentralized system	<i>NIBE DVC-10</i>
----------------------	--------------------

Exhaust and supply air ventilation

NIBE F470

A complete exhaust air heat pump providing heating, hot water, ventilation, preheated supply air and heat recovery.

Height	2100mm
Width	600 mm
Depth	615 mm
Net weight	218 kg
Volume total	240 litres
Capacity warm water 40 °C	217 litres

Models

NIBE F470



NIBE F750 + SAM 40

A complete exhaust air heat pump with inverter controlled compressor providing heating, hot water, ventilation and heat recovery and an supply air module.

NIBE SAM 40 is a supply air module specially developed for houses with supply and exhaust air systems.

Height (excl. inverter box 120 mm)	2100 mm
Width	600 mm
Depth	615 mm
Net weight	237 kg
Volume total	205 litres
Warm water capacity 40 °C	177–227 litres

SAM 40

Height	396 mm
Width	600 mm
Depth	556 mm
Net weight	31 kg

Models

NIBE F750 + SAM 40



NIBE Product Range

Indoor comfort – Hot water supply – Ventilation – Exhaust and supply air ventilation

NIBE ERS 10-500

NEW

Developed to work in conjunction with NIBE ground source- and air/water heat pumps. A ventilation heat exchanger with integrated DC fans and a counter flow heat exchanger.

Height	900 mm
Width	595 mm
Depth	612 mm
Net weight	35 kg



NIBE ERS 20-250

NEW

Developed to work in conjunction with NIBE ground source- and air/water heat pumps. A ventilation heat exchanger with integrated DC fans and a counter flow heat exchanger.

Height	241 mm
Width	1202 mm
Depth	673 mm
Net weight	25 kg



NIBE Product Range

Indoor comfort – Hot water supply – Ventilation – Exhaust and supply air ventilation

NIBE GV-HR110

Heat recovery ventilation unit

Height 1014 mm

Width 550 mm

Depth 550 mm

Net weight 32 kg

Models

NIBE GV-HR110-250

NIBE GV-HR110-400



Exhaust air ventilation

NIBE F730/NIBE F750 A complete exhaust air heat pump providing heating, hot water, ventilation and heat recovery.

Height	2000-2100 mm
Width	600 mm
Depth	615 mm
Net weight	207-237 kg
Volume total	190–205 litres
Warm water capacity 40 °C	177–227 litres

** Depending on the model*



NIBE F370

A complete exhaust air heat pump providing heating, hot water, ventilation and heat recovery.

Height	2100 mm
Width	600 mm
Depth	615 mm
Net weight	205 kg
Volume total	240 litres
Capacity warm water 40 °C	217 litres



NIBE Product Range

Indoor comfort – Hot water supply – Ventilation – Exhaust air ventilation

NIBE MT-WH20

Domestic hot water heat pump.

Height	1837 mm
Diameter	660 mm
Net weight	113 kg
Volume	285 litres
Capacity warm water 40 °C*	395 litres



NIBE MT-WH21 *NEW*

Domestic hot water heat pump.

Height (excl connectors)	1620 mm**
Diameter	603 mm
Net weight*	94–100 kg
Volume*	190–260 litres

* *Depending on the model*

** *NIBE MT-WH21-019*



NIBE Product Range

Indoor comfort – Hot water supply – Ventilation – Exhaust air ventilation

NIBE F110

Domestic hot water heat pump.

Height	2030-2060 mm
Width	600 mm
Depth	605 mm
Net weight	144 kg
Volume	265 litres
Capacity warm water 40 °C	365 litres



NIBE F135

A complete exhaust air solution designed for use with NIBE air/water heat pump systems

Height	490–515 mm
Width	600 mm
Depth	605 mm
Net weight	50 kg



NIBE Product Range

Indoor comfort – Hot water supply – Ventilation – Exhaust air ventilation

NIBE FLM

Developed to work in conjunction with NIBE ground source heat pumps the FLM module recycles old, stale air from it to increase brine temperature and recharge you collector.

Height	396 mm
Width	600 mm
Depth	556 mm
Max airflow	350 m ³ /h
Net weight	35 kg



Decentralized system

NIBE DVC 10 *NEW*

Heat recovery units with control, ceramic core and fan.

Height	284 mm
Width	310 mm
Depth	214–564 mm
Air capacity in airing mode	15–50 m ³ /h
Air capacity in heat regeneration mode	7.5–25 m ³ /h



Bio & hybrid solutions

If you prefer to use biofuels to warm up your home, a wood-fired or pellet-fired boiler is a great solution. Depending on your needs, integration of an additional energy source, such as a heat pump or solar product, provides many benefits. With the Smart Energy Source function, you have the control to prioritize the energy source with the lowest cost or CO₂ emission.

Domestic boilers

If you want to use a renewable biofuel, a wood-fired boiler is an ideal solution for a countryside home. If you live in an urban area or do not have time to manage a wood fire boiler you can choose a pellet fire boiler. Based on your individual needs, you can combine a biomass boiler with other energy sources and connect these to your heat pump. Smart Energy Source then enables you to establish the most sustainable and economical indoor system.

Products included	NIBE PELLUX 100 20/30KW
	NIBE PELLUX 200
	NIBE PELLUX COMPACT
	NIBE VEDEX 3300
	NIBE GBM 10-15

NIBE Product Range
Bio & hybrid solutions – Domestic boilers

NIBE PELLUX 100
20/30KW

Modern pellet boiler with pellet burner and automatic sweeping.

Height (excl feet 24-39 mm)	942 mm
Width	526 mm
Depth	800 mm
Net weight	220 kg
Maximal output during pellet firing	20 kW



NIBE PELLUX 200 E
NEW

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

Height (excl feet 15-40 mm)	1500 mm
Width	600 mm
Depth	720 mm
Net weight	230 kg
Maximal output during pellet firing	20 kW
Maximal output immersion heater	9 kW
Capacity warm water 40 °C	180-200 litres



NIBE Product Range
Bio & hybrid solutions – Domestic boilers

NIBE PELLUX
COMPACT

NEW

Designed to burn wood pellets for heating homes and small buildings.

Height	1200 mm
Width	450 mm
Depth	1000 mm
Net weight	185 kg
Maximal output during pellet firing	3–12 kW



NIBE VEDEX 3400
NEW

A boiler intended for heating homes and small commercial buildings.

Height	1070 mm
Width	450 mm
Depth	880 mm
Wood magazine (width x depth)	270 x 550 mm
Filler door (width x height)	300 x 250 mm
Net weight	290 kg
Maximal output	40 kW
Average output	35 kW



NIBE Product Range
Bio & hybrid solutions – Domestic boilers

NIBE GBM 10-15

Wall-mounted gas-fired condensing boiler unit as a back-up heater for the NIBE heat pump.

Height	740 mm
Width	400 mm
Depth	340 mm
Net weight	30 kg
Nominal heat delivery in heating mode	15 kW



Accessories for extended features

Optimize your system by adding relevant accessories and control indoor comfort via your heat pump.

Thermal storage tanks	NIBE UKVS 230 NIBE UKV		
Electrical boilers	NIBE ELK 15 NIBE ELK 26	NIBE ELK 42	
Universal accessories	NIBE SMS 40 NIBE MOBILE APP NIBE RMU 40 NIBE MODBUS 40	NIBE AXC 40 NIBE HR 10 NIBE AHPS/AHP NIBE ECS 40	NIBE ECS 41 NIBE MODBUS 40 NIBE CABINET
Ground source accessories	NIBE POOL 40 NIBE ACS 45 NIBE PCS 44 NIBE VST 11 NIBE VST 20 NIBE PCM 40	NIBE PCM 42 NIBE HPAC 40 NIBE HPAC 45 NIBE AXC 50 NIBE NV 10 NIBE EMK 500	NIBE KB 25 NIBE KB 32 NIBE SOLAR 40 NIBE SOLAR 42
Air/water accessories	NIBE POOL 40 NIBE SOLAR 40 NIBE SOLAR 42 NIBE VST 11 NIBE VST 20 NIBE EMK 500	NIBE ECS 40 NIBE ECS 41 NIBE AXC 30 NIBE AXC 40 NIBE AXC 50 NIBE DEH 310	NIBE DEH 500 NIBE EMK 300 NIBE CPD 10 NIBE EMK 310 NIBE EMK 500 NIBE OPT 10
Exhaust/air accessories	NIBE SPS 10 NIBE DEW 40 NIBE SAM 40 NIBE SCA 40	NIBE SCA 41 NIBE SCA 42 NIBE DKI 10 NIBE SOLAR 41	NIBE DEH 40 NIBE DEH 41 NIBE MCU 10

Thermal storage tanks

NIBE UKVS 230

Storage tank with coil for solar panels



NIBE UKVS 230 is intended to be used for heat storage when a smaller heat pump is docked with solar panels. It is also possible to dock another heat source.

Height	1420 mm
Diameter	595 mm
Net weight	80 kg
Volume	230 liters

NIBE UKV

Buffer tank for heating systems



NIBE UKV 40, 100, 200, 300 and 500 are buffer tanks used together with heat pumps to increase the volume of water in the system for more stable operation.

Height*	495–1757 mm
Diameter*	650–750 mm
Net weight*	16–145 kg
Volume*	40–500 liters

** Depending on the model*

Electrical boilers

NIBE ELK

NIBE ELK 15, NIBE ELK 26, NIBE ELK 42 are electric boilers for additional heating for ground source heat pumps.



Universal accessories

NIBE SMS 40 *GSM remote control*



With NIBE SMS 40 the heat pump can be controlled and monitored remotely via SMS messages in your mobile phone.

Rated voltage	12 VDC 45-80 mA
GSM	850/900/1800/1900
Operating temperature range	0-60 °C
Height/Width/Depth	44/153/107 mm

NIBE MOBILE APP *Status control*



Put full control of your NIBE heat pump in your pocket. Turn on the heat on your way home or check the status of your indoor climate from anywhere in the world, the possibilities are endless.

NIBE Mobile App	Requirements
	Compatible heat pump together with the accessories NIBE SMS 40 (version 33 or higher recommended) and an Android mobile phone.

NIBE RMU 40 *Control module*



With RMU 40 you can control and monitor your NIBE heat pump from another room in the house. NIBE RMU 40 is equipped with a new multicolour display, with simple menus and symbols, which makes it easy for you to set a comfortable indoor climate.

Rated voltage	12 VDC 40 mA (supplied from the heatpump)
---------------	--

NIBE MODBUS 40 *Communication module*



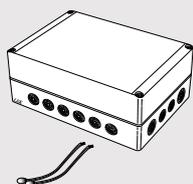
With MODBUS 40 a NIBE heat pump can be controlled and monitored by external equipment i.e. building management system.

Rated voltage	12 VDC 45-80 mA
Operating temperature range	0-60 °C
Height/Width/Depth	44/153/107 mm

NIBE Product Range

Accessories for extended features – Universal accessories

NIBE AXC 40 Accessory card



This accessory is used to enable connection and control of e.g: shunt controlled additional heat, step controlled additional heat, pump for hot water circulation and ground water pumps.

Supply voltage	1x230 V, 50 Hz
Height/Width/Depth	175/250/100 mm

NIBE HR 10 Auxiliary relay



Auxiliary relay NIBE HR 10 is a connection box housing a contactor and a rotary selector switch. It is used to control external 1 to 3-phase loads such as oil burners, immersion heaters and pumps.

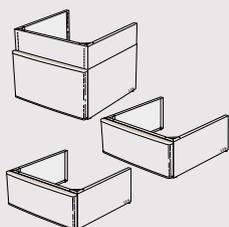
NIBE ECS 40 NIBE ECS 41 Extra climate system



NIBE ECS is used when heat pump is installed in houses with up to four different climate systems that require different flow line temperatures, e.g. in cases where the house has both a radiator system and an under floor heating system. ECS 40 is used for floor heating < 80 m². ECS 41 is used for floor heating > 80 m².

Supply voltage	1x230 V
KV value	2.5/6.0
Connection valve	22 mm

NIBE CABINET Covering cabinet



Upper cabinets to cover the air-ducts. For room heights up to 2400 mm, 2500 mm and from 2550-2800 mm.

Ground source accessories

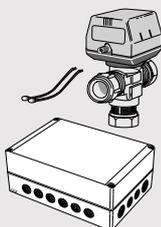
NIBE FLM Exhaust air module



The addition of NIBE FLM module further reduces your heating bills. Developed to work in conjunction with NIBE ground source heat pumps the FLM module recycles old, stale air from it to increase brine temperature and recharge you collector. Air quality is improved while warmth is maintained – all at no extra cost!

Supply voltage	1x230 V, 50 Hz
Driving power fan	175 W
Max driving power circulation pump	70 W
Max airflow	350 m ³ /h
Net weight	35 kg
Height/Width/Depth	396/ 600/ 556 mm

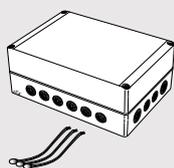
NIBE POOL 40 Pool heating



An accessory that allows pool heating using heat pump. The heat pump controls the reversing valve, pool circulation pump and any heating circuit circulation pumps via NIBE POOL 40. Suitable for max 17 kW heating power.

NIBE POOL 40 includes: Shuttle valve, accessory card, 2 pcs temperature sensors.

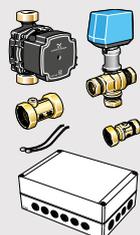
NIBE ACS 45 Active/passive cooling



This accessory makes it possible to control production of heating and cooling independently of each other in a 4-pipe installation.

Supply voltage	1x230 V, 50 Hz
Height/Width/Depth	175/250/100 mm

NIBE PCS 44 Passive cooling



NIBE PCS 44 is used when heat pump is installed in an installation with 4-pipe passive cooling demand.

Includes:
Circulation pump, Shut-off valve, Non-return valve, accessory card and 2 pcs temperature sensors

NIBE Product Range

Accessories for extended features – Ground source accessories

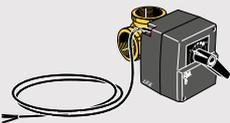
NIBE VST 11 Hot water control



This accessory enables the heat pump to prioritize hot water charging on systems with floating condensing. Suitable for max 17 kw heating power.

Supply voltage	230 V, 50 Hz, 6 VA
Connections	28 mm, Compression ring

NIBE VST 20 Hot water control



This accessory prioritize hot water possible at large heat pump outputs with charging power between 15 and 40 kW. This also requires a hot water accumulator, e.g. NIBE VPA.

Supply voltage	230 V, 50 Hz, 6 VA
Connection	DN32 (1 1/4")
Max. charging power	40 kW

NIBE PCM 40 NIBE PCM 42 Hot water control



Passive cooling module. The NIBE PCM accessory gives your installation a high degree of flexibility. It is developed in such a way as to enable all the heat pump's potential applications – both free cooling and hot water production

Height (excl. pipes)	515/635 mm
Width	600 mm
Depth	370 mm
Weight	30–45 kg
Cooling output	2–9 kW

NIBE HPAC 40 NIBE HPAC 45 Climate exchange module



NIBE HPAC accessory gives your installation a high degree of flexibility. Combine your heat pump with NIBE HPAC 40/45 for passive or active cooling. It works, even while your system is continually heating hot water.

Supply voltage	1x230 V
Intended for heat pumps	5-17/ 20-60 kW
Weight	40/51 kg
Height	515/690 mm
Width	600/600 mm
Depth	380/495 mm

NIBE Product Range

Accessories for extended features – Ground source accessories

NIBE NV 10 Level monitor



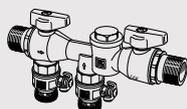
A level monitor must be installed if there is a demand or request from the local authorities for extended control of the tightness in the brine collector.

NIBE EMK 500 Energy meter kit



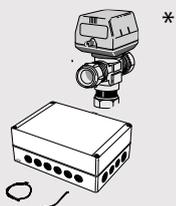
NIBE EMK 500 is used to meter the water flow for heat volume measurement together with the main control that displays the heat volume available for use.

NIBE KB 25 NIBE KB 32 Combination valve



Combination valve for filling up the brine. Including insulation. KB 25 is for heat pumps of max. 12 kW. KB 32 is for heat pumps of max. 30 kW.

NIBE SOLAR 40 NIBE SOLAR 42 Solar heating



NIBE SOLAR enables solar heating with your heat pump. With additional solar panels and VPBS you get a complete system.

Voltage	1x230 V
Height/Width/Depth	175/250/100 mm

* 3-way valve is not included in NIBE SOLAR 42

Air/water accessories

NIBE F135

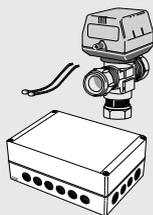
NIBE F135 is a complete exhaust air stolution designed for use with NIBE air/water heat pump systems



Height	490-515 mm
Width	600 mm
Depth	605 mm
Net weight	50 kg

NIBE POOL 40 Pool heating

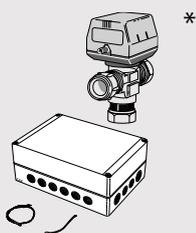
An accessory that allows pool heating using heat pump. The heat pump controls the reversing valve, pool circulation pump and any heating circuit circulation pumps via NIBE POOL 40. Suitable for max 17 kW heating power.



Includes:
 Shuttle valve, accessory card, 2 pcs temperature sensors.

NIBE SOLAR 40 NIBE SOLAR 42 Solar heating

NIBE SOLAR enables solar heating with your heat pump. With additional solar panels and VPAS or VPBS you get a complete system.



Voltage	1x230 V
Height/Width/Depth	175/250/100 mm

* 3-way valve is not included in NIBE SOLAR 42

NIBE VST 05 Hot water control

This accessory enables the heat pump to prioritize hot water charging on systems with floating condensing. Suitable for max 12 kw heating power.



Supply voltage	230 V, 50 Hz, 6 VA
Connections	22 mm, Compression ring

NIBE VST 11 Hot water control

This accessory enables the heat pump to prioritize hot water charging on systems with floating condensing. Suitable for max 17 kw heating power.



Supply voltage	230 V, 50 Hz, 6 VA
Connections	28 mm, Compression ring

NIBE Product Range

Accessories for extended features – Air/water accessories

NIBE VST 20 *Hot water control*



This accessory prioritize hot water possible at large heat pump outputs with charging power between 15 and 40 kW. This also requires a hot water accumulator, e.g. NIBE VPA.

Supply voltage	230 V, 50 Hz, 6 VA
Connection	DN32 (1 1/4")
Max. charging power	40 kW

NIBE EMK 500 *Energy meter kit*



NIBE EMK 500 is used to meter the water flow for heat volume energy measurement with the main control that displays the heat volume available for use.

NIBE ECS 40 NIBE ECS 41 *Extra climate system*



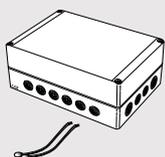
NIBE ECS is used when heat pump is installed in houses with up to 8 different climate systems that require different flow line temperatures, e.g. in cases where the house has both a radiator system and an under floor heating system.

ECS 40 is used for floor heating < 80 m²

ECS 41 is used for floor heating > 80 m²

Supply voltage	1x230 V
KV value	2.5/6.0
Connection valve	22 mm

NIBE AXC 30 NIBE AXC 40 *Accessory card*



This accessory is used to enable connection and control of e.g, shunt controlled additional heat, step controlled additional heat, pump for hot water circulation and hot water circulaiton.

Net weight	2 kg
Supply voltage	1x230 V, 50 Hz
Height/Width/Depth	175/250/100 mm

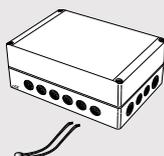
NIBE Product Range

Accessories for extended features – Air/water accessories

NIBE DEH 310

NIBE DEH 500

Docking kit



This accessory makes it possible to connect other external heat sources, both normal and prioritized, to your NIBE VVM 310 & NIBE VVM 500.

NIBE EMK 300

NIBE EMK 310

NIBE EMK 500

Energy measurement kit



This accessory is used to measure the amount of energy produced by and supplied by the heating installation for hot water and heating in the building.

The function of the energy meter is to measure flow and temperature difference in the charge circuit.

NIBE CPD 10

Charging pump



To be used together with NIBE SMO 20/SMO 40 as charging pump.

F2030-7 and 9 CPD10-25/55

F2040-8 and 12 CPD10-25/55

F2300-20 and 14 CPD10-25/60

F2040-16 CPD10-25/60

OPT 10

Communications module



OPT 10 is used to enable connection and control of gas boiler NIBE GBM 10-15.

Rated voltage 12 VDC (45-80mA)

Height 80 mm

Width 80 mm

Depth 30 mm

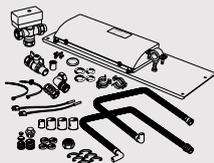
Exhaust air accessories

NIBE SPS 10
Solar pump station



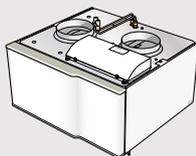
This accessory are being used in NIBE Solar package with NIBE F370/F470/F750

NIBE DEW 40
Docking kit



For docking a VPB 200 to a F750 in houses where there is a heavy demand for hot water.

NIBE SAM 40
Supply air module



NIBE SAM 40 is a supply air module specially developed for houses with supply and exhaust air systems.

NIBE SCA 40
NIBE SCA 41
NIBE SCA 42
Docking kit



NIBE SCA 40 is used to dock NIBE F750 to NIBE VPBS 300 in houses that have a solar installation and a large hot water demand.

NIBE SCA 41 is used to dock NIBE F750 with NIBE AHPS as well as external additional heat.

NIBE SCA 42 has same functionality as NIBE SCA 41 but shall be used when NIBE SAM 40 is installed on top of NIBE AHPS 300.

NIBE DKI 10
Splitter kit F750

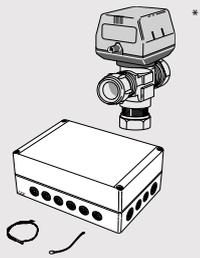


This accessory is used when NIBE F750 is installed in areas with low ceilings or when one for some reason wishes to split the heat pump.

NIBE Product Range

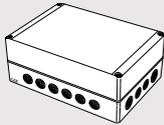
Accessories for extended features – Exhaust/air accessories

NIBE SOLAR 41 *Solar heating*



NIBE SOLAR enables solar heating with your heat pump. With additional solar panels and UKVS 230 or AHPS you get a complete system.

NIBE DEH 40 NIBE DEH 41 *Docking kit*



This accessory makes it possible to connect other heat sources to your exhaust air heat pump. DEH 40 is for wood, oil or pellets. DEH 41 is for gas.

NIBE MCU 10 *Multi charging unit*



This accessory is being used in NIBE Solar package with F370/F470.

Your next step?

Find your local NIBE office at www.nibe.eu. They'll help you locate your nearest NIBE installer and select the best kind of heat pump for your needs.



European Directive 20/20/20

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



NIBE Energy Systems
BOX 14 285 21 Markaryd Sweden
Tel. +46 433-73 000
www.NIBE.eu

KIF GB Product Range 639557 1708-6

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.

©2017 NIBE ENERGY SYSTEMS
Photos by www.benfoto.se and NIBE.