



## NIBE Accessories

A WIDE RANGE OF ACCESSORIES

# WHY ACCESSORIES?

## Even more options to choose from

A NIBE heat pump is not just for heating and hot water. With the addition of various accessories, our new heat pumps can do much more than merely heat your home and hot water. For example, they can be used to cool your home in summer, ventilate it cost-effectively, or even heat your swimming pool. The relevant accessories are dimensioned to fit neatly together, giving the appearance of a single streamlined system. And since all accessories are controlled via the heat pump, you only have to learn to use one operating system.

# OVERVIEW

## Extract of NIBE Accessories

Groundsource heat pumps	AMB 30	VPB 200	VPB 300	VPBS 300	VPB			VPAS	HPAC		PCM 40 PCM 42	FLM	PCS 44	ECS 40 ECS 41	POOL 40	SMS 40	Mobile App	RMU 40	MODBUS 40	AXC 40
					500	750	1000		40	42										
F1145		×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×	×
F1145 PC		×	×	×	×	×	×	×				×		×	×	×	×	×	×	×
F1245									×		×	×	×	×	×	×	×	×	×	×
F1245 PC											×			×	×	×	×	×	×	×
F1345	×				×	×	×	×		×		×		×	×	×	×	×	×	×
F1150					×	×	×	×				×								
F1250											×									
F1330	×				×	×	×	×		×										

Exhaust air heat pumps	VPB 200	VPBS 300	UKVS 230	RMU 40	SMS 40	Mobile app	MODBUS 40	ECS 40 ECS 41	SOLAR 41	RTS 40	Cabinet	UKV	DEH 40 DEH 41	HR 10	MCU 10	SPS 10	DEW
F640P											×	×		×			
F370			×	×	×	×	×	×	×	×	×		×		×	×	
F470			×	×	×	×	×	×	×	×	×		×		×	×	
F750	×	×		×	×	×	×	×	×	×	×						

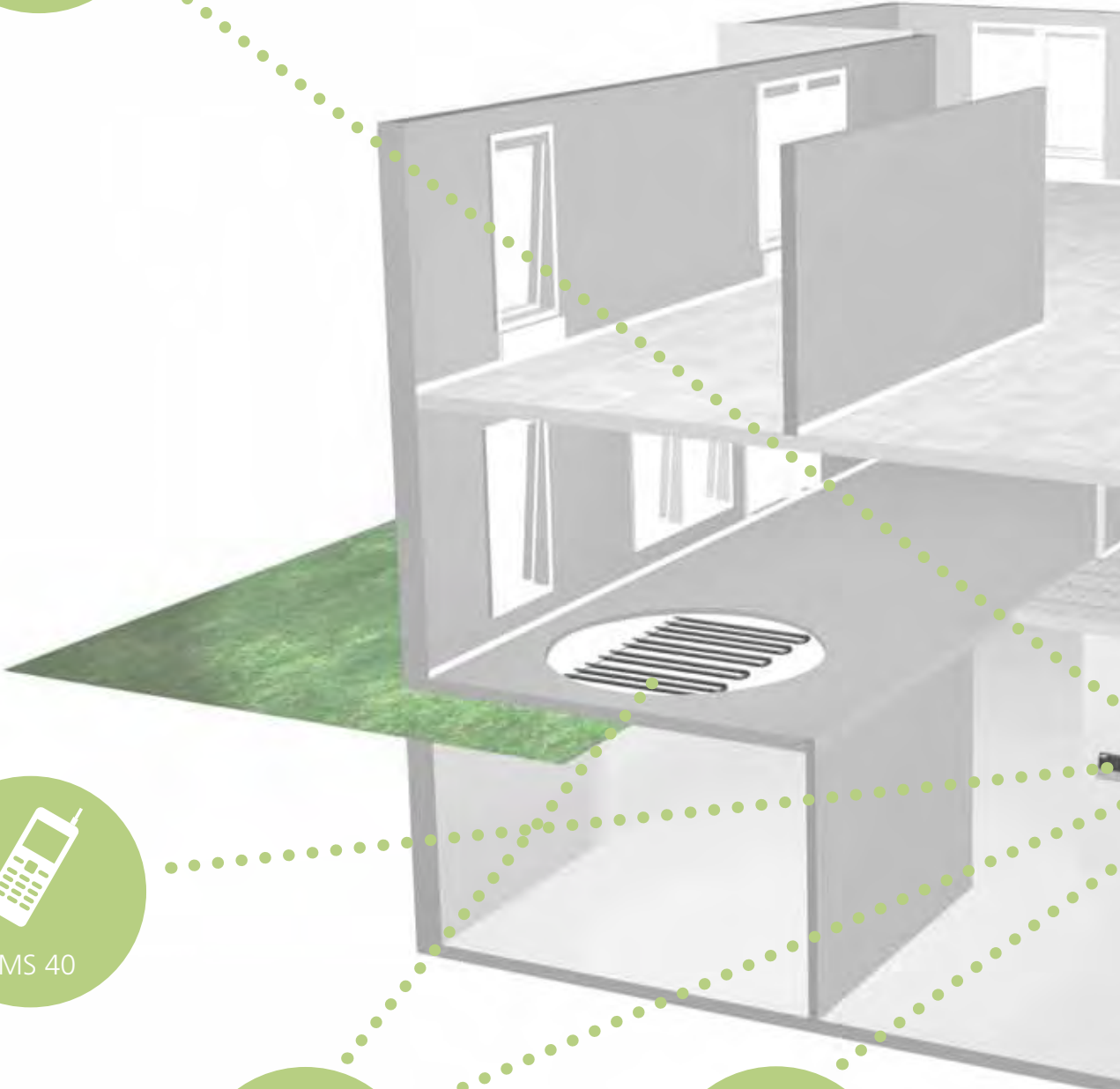
Air/water heatpumps	VPB 300	VPBS 300	UKV	VVM 300	SMO 10	SMO 05	ELK 15	ELK 213	VST 20	RE 10	HR 10	RG 10	ACK 22	ESV 22	EMK 270	VCC 22	DP
F2300					×	×	×	×			×						
SPLIT - Pack 1			×						×	×	×	×	×	×	×	×	×
SPLIT - Pack 2			×						×	×	×	×	×	×	×	×	×
SPLIT - Pack 3			×								×						×
SPLIT - Pack 4			×								×						×
SPLIT - Pack 5			×								×						×
SPLIT - Pack 6			×								×						×

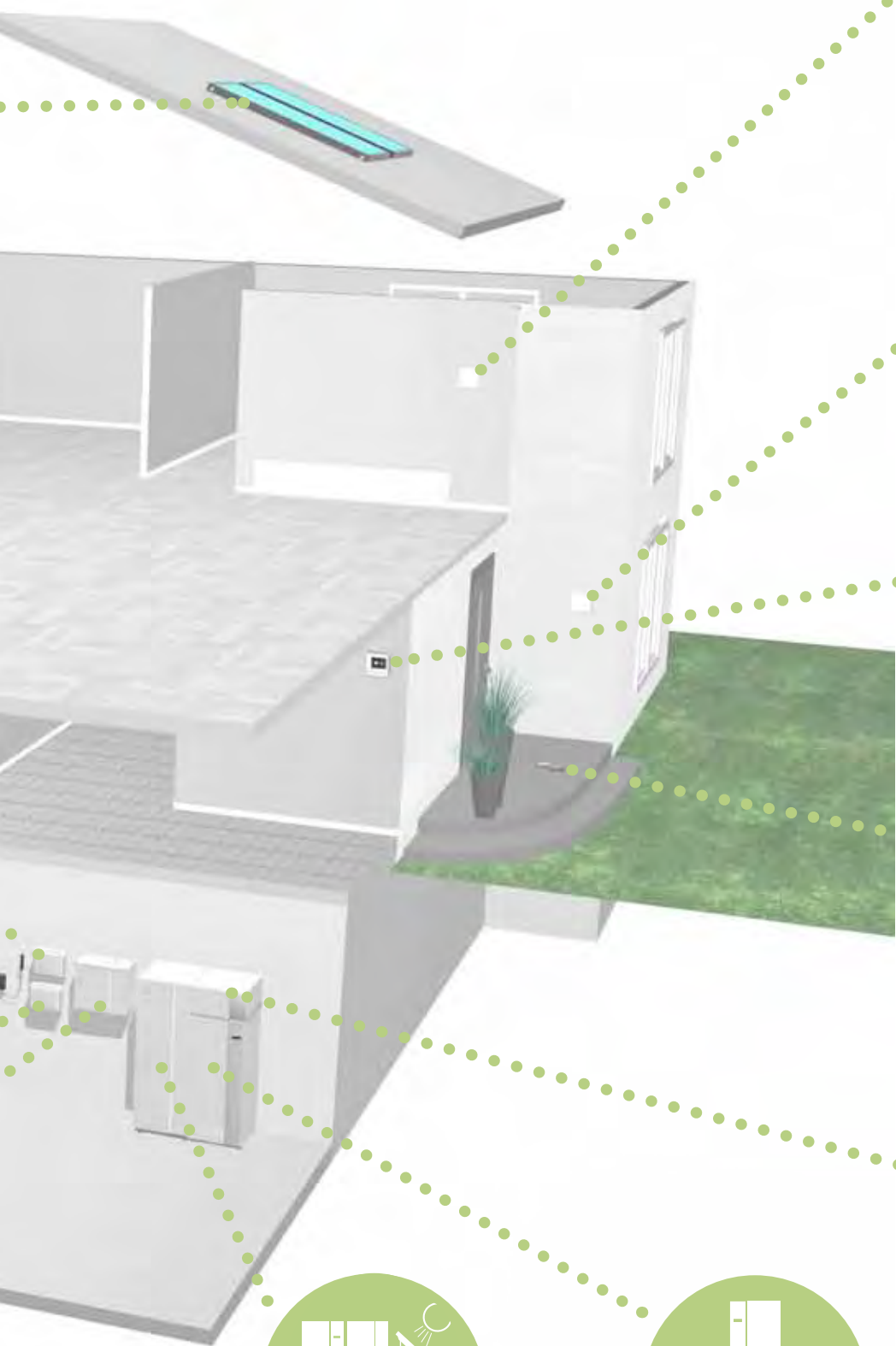
AXC 50	ACS 45	SOLAR		RTS 40	UKV	ELK 15	ELK 213	VST 11	VST 20	RE 10	HR 10	RG 10	ELK 26 ELK 42	KB		NV 10	RCU 11	POOL 11	ESV 21
		40	42											25	32				
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V41	RT 10
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H	Bracket
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# NIBE ACCESSORIES INSTALLED IN YOUR HOME

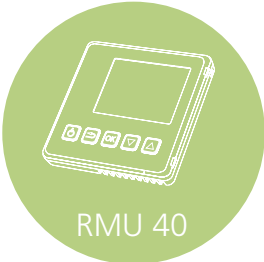




RTS 40



RTS 40



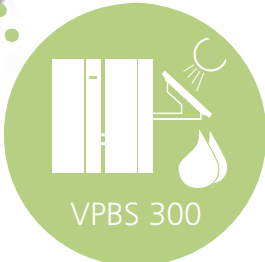
RMU 40



Mobile App



FLM



VPBS 300



F1145

# GROUND SOURCE HEAT PUMP ACCESSORIES

The following accessories are all suitable together with our ground source heat pumps. You can find quick facts under each product. To see which accessories that are compatible with your heat pump see diagram on page 2 - 3. For more information, visit

## NIBE™ AMB 30

Air collector



NIBE AMB 30 is a heat absorbing air module that is an accessory for NIBE F1330/F1345. Using this accessory it is possible to increase the efficiency of an installation and is ideal when ground/rock collectors cannot be dimensioned for the capacity that the installation requires.

### NIBE AMB 30

Operating voltage	400 V 3NAC 50Hz
Brine, outdoor air operation	Ethylene glycol
Airflow fan low/high	5000/7000 m <sup>3</sup> /h
Fuse	10 A
Lowest operational point, outdoor air/flow line	-12/50 °C
Weight	165 kg
Height/Width/Depth	1400/1205/520 mm

## NIBE™ VPB 200

Accumulator tank with water heater



A separate storage tank that you can connect to your system. It provides the hot water you need, or boosts the capacity of an existing system.

NIBE VPB is the new generation of accumulator tank. It can be docked in several different ways, e.g. to another heat pump such as the NIBE F1145.

### NIBE VPB 200

Corrosion	Copper	Enamel	Stainless
Net weight	101 kg	111 kg	80kg
Volume	172 litres	178 litres	176 litres
Volume, charge coil	7.5 litres	4.8 litres	7.8 litres
Max pressure, primary side	3/0.3 bar/MPa		
Max pressure, water heater	10/1.0 bar/MPa		
Height/Width/Depth	1500/600/600 mm		

## NIBE™ VPB 300

Accumulator tank with water heater



A separate storage tank that you can connect to your system. It provides the hot water you need, or boosts the capacity of an existing system.

NIBE VPB is the new generation of accumulator tank. It can be docked in several different ways, e.g. to another heat pump such as the NIBE F1145.

### NIBE VPB 300

Corrosion	Enamel	Copper	Stainless
Net weight	143 kg	130 kg	101 kg
Volume	274 litres	272 litres	282 litres
Volume, charge coil	8.4 litres	8.5 litres	8.8 litres
Max pressure, primary side	3/0.3 bar/MPa		
Max pressure, water heater	10/1.0 bar/MPa		
Height/Width/Depth	1800/600/600 mm		

## NIBE™ VPBS 300

Accumulator tank with water heater



NIBE VPBS is a new type of water heater that are suitable for connection to and in combination with heat pumps and solar panels. For a truly comprehensive installation NIBE VPBS 300, with its integrated design, is best combined with NIBE F1145.

### NIBE VPBS 300

Corrosion protection	Copper	Enamel
Net weight	137 kg	150 kg
Volume	266 litres	268 litres
Volume, charge coil	8.5 litres	8.4 litres
Volume, solar coil	4.4 litres	4.0 litres
Max pressure, primary side	3/0.3 bar/MPa	
Max pressure, water heater	10/1.0 bar/MPa	
Height/Width/Depth	1800/600/600 mm	

## NIBE™ VPB 500-1000

Large volume water heaters



VPB is a range of efficient water heaters, with a wide range of applications, which are suitable for connection 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

### NIBE VPB 500/750/1000

Volume, hot water heater	490/740/980 litres
Volume, coil	6/6/2x6 litres
Length, coil	15.7/15.7/15.7x2 m
Heat content at 50 °C	23/35/46 kWh
Net weight	190/220/280 kg
Height (excl. feet)	1750/1965/2060 mm
Diameter	Ø 760/860/960 mm

## NIBE™ VPAS 300/450

Accumulator tank with water heater



Accumulator tank optimally prepared for connection to heat pumps in combination with solar panels.

NIBE VPAS is an accumulator tank that is primarily designed for connection to heat pumps in combination with solar panels.

### NIBE VPAS 300/450

Corrosion protection	Copper	Enamel
Volume, hot water heater	300 litres	300 litres
Volume, double-jacket	450 litres	450 litres
Net weight	315 kg	300 kg
Height (excl. feet 20 – 55 mm)	2015 mm	
Diameter	Ø 860 mm	
Heat content at 50 °C	17,4 kWh	



**NIBE™ HPAC 40**  
**NIBE™ HPAC 42**  
 Climate exchange module



The NIBE HPAC accessory gives your installation a high degree of flexibility. It is compatible with the NIBE F1145/F1245/F1345 series, which was developed in such a way as to enable all the heat pump's potential applications - both heating and cooling. Combine your heat pump with NIBE HPAC 40 for passive or active cooling.

**NIBE HPAC 40/NIBE HPAC 42**

Supply voltage	1x230 V
Pipe attachment	R25 (1")/Cu42(1 1/2")
Intended for heat pumps	5-17/ 20-40 kW
Weight	40/45 kg
Height	515/690 mm
Width	600/600 mm
Depth	380/495 mm

**NIBE™ PCM 40**  
**NIBE™ PCM 42**  
 Passive cooling module



The NIBE PCM accessory gives your installation a high degree of flexibility. It is compatible with the NIBE F1145/F1245 series, which was developed in such a way as to enable all the heat pump's potential applications - both free cooling and hot water production. Combine your heat pump with NIBE PCM for passive / free cooling.

**NIBE PCM 40/NIBE PCM 42**

Connection, hot sides	22/28 mm
Connection, cold sides	28/35 mm
Output, circulation pump	40-70/70-160 W
Intended for heat pump at 0/35 °C	5-8/10-17 kW
Height (excl. pipes)	515/635 mm
Width/Depth	600/ 370 mm

**NIBE™ FLM**  
 Exhaust air module

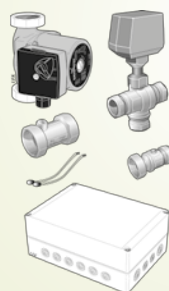


The addition of FLM module further reduces your heating bills. Developed to work in conjunction with NIBE ground source heat pumps the FLM module recycles old, stale air from the house, extracts the energy from it and reuses it to heat new, clean air from outside. Air quality is improved while warmth is maintained – all at no extra cost!

**NIBE FLM**

Supply voltage	1x230 V, 50 Hz
Driving power fan	175 W
Max driving power circulation pump	75 W
Max airflow	350 m3/h
Net weight	35 kg
Height/Width/Depth	396/ 600/ 556 mm

**NIBE™ PCS 44**  
 Passive cooling

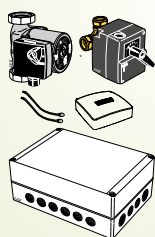


PCS 44 is used when heat pump is installed in an installation with passive cooling.

**NIBE PCS 44 includes:**

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

**NIBE™ ECS 40**  
**NIBE™ ECS 41**  
 Extra heating circuit



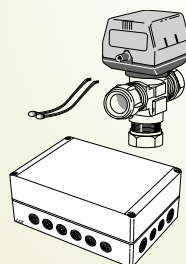
ECS is used when heat pump is installed in houses with up to four different climate systems that require different flow line temperatures, for example, in cases where the house has both a radiator system and an under floor heating system.

ECS 40 is used for floor heating < 80 m².  
 ECS 41 is used for floor heating > 80 m².

**NIBE ECS 40/NIBE ECS 41**

Supply voltage	1x230 V
KV value	2.5/6.0
Connection valve (Ø)	22 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 POOL 40.

**NIBE POOL 40 includes:**

Shuttle valve, accessory card, 2 pcs temperature sensors.

**NIBE™ SMS 40**  
GSM remote control

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



Now with Android Application

**NIBE SMS 40**  
 Rated voltage 12 VDC 45-80 mA  
 GSM 850/900/1800/1900  
 Operating temperature range 0-60 °C  
 CE certification In accordance with EN 55 014, EN 301 489, EN 61 000-4 and EN 60 950-1  
 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**  
 NIBE F1145, F1245, F370, F470 or F750 (firmware version 1177 or higher) 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.

The RMU 40 is equipped with an new multicolour display, with simple menus and symbols, which makes it easy for you to set a comfortable indoor climate.



**NIBE RMU 40**  
 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 Modbus equipped equipment.

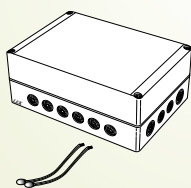


**NIBE MODBUS 40**  
 Rated voltage 12 VDC 45-80 mA  
 Operating temperature range 0-60 °C  
 Height/Width/Depth 44/153/107 mm

**NIBE™ AXC 40**  
Accessory card

This accessory is used to enable connection and control of:

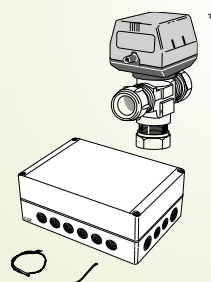
- Mixing valve controlled additional heat
- Pump for hot water circulation
- Goundwater pump



**NIBE AXC 40**  
 Net weight 2 kg  
 Supply voltage 1x230 V, 50 Hz  
 Height/Width/Depth 175/250/100 mm

**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.



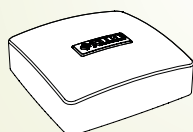
**NIBE SOLAR 40/NIBE SOLAR 42**  
 Voltage 1x230 V  
 Height/Width/Depth 175/250/100 mm

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



## NIBE™ RTS 40

Room sensor



This accessory is used to obtain a more even indoor temperature.

RTS 40 has up to three functions:

1. Show current room temperature in the heat pump's display.
2. Option of changing the room temperature in °C.
3. Makes it possible to change/stabilise the room temperature

## NIBE™ UKV

Buffer vessels



Buffer vessels for heating systems.

As buffer vessels for heating systems NIBE offer the NIBE UKV 40, 100 200, 300 and 500. Only NIBE UKV 40 and UKV 100 can be used with the air/water heat pump NIBE SPLIT.

### NIBE UKV

Volume	40/100/200/300/500 litres
Max operating pressure	6 bar
Working temperature	40/100: 0-95°C 200/300: 10-95°C 500: 16-95°C

## NIBE™ ELK 15

Immersion heater



ELK 15 is an immersion heater primarily intended for installation together with heat pump for heating houses or smaller apartment blocks.

NIBE ELK 15 contains overheating protection and contactors to externally regulate the two power groups, 5.0 and 10.0 kW.

Used together with EVP 500 or SMO 10 systems.

### NIBE ELK 15

Height/Width/Depth	560/240/135 mm
Weight	11 kg
Volume	4.5 litres
Supply voltage	3 x 400 V AC 50Hz
Output immersion heater	15 kW
Fuse immersion heater	25 A
Max permitted pressure in boiler	0.7 MPa (7 bar)

## NIBE™ ELK 213

Electric heater



Electric heater for family houses and small apartment houses.

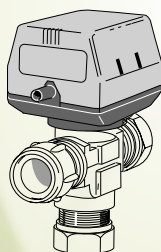
The ELK-213 has a 7-litre, steel pressure vessel. The pressure vessel is designed and manufactured in accordance with current pressure vessel standards.

### NIBE ELK 213

Volume	7 litres
Height	605 mm
Diameter	200 mm
Voltage	380 – 400 V~ three-phase + N
Output	7 – 13 kW
Working pressure	3 bar (0.3 MPa)
Net weight	18 kg

## NIBE™ VST 11

Hot water control



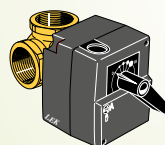
This accessories provides the heat pump with the possibility to prioritise hot water charging on systems with floating condensing.

### NIBE VST 11

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

## NIBE™ VST 20

Hot water control



This accessory makes hot water priority possible at large heat pump outputs (charging power between 15 and 40 kW), e. g. F2020-14 (together with an SMO 10) and F1330-40. This also requires a hot water accumulator, for example, NIBE VPA.

### NIBE VST 20

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

### NIBE™ RE 10

Room unit



An external display with integrated room sensor. It is used if controller display is required in a separate room.

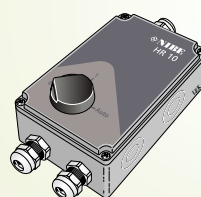
RE 10 can be used to read and modify menus and values which are accessible in the heat pump/electric boiler/control module.

#### NIBE RE 10

Height/Width/Depth 205/130/44 mm

### NIBE™ HR 10

Auxiliary relay

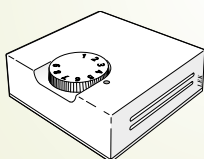


Auxiliary relay HR 10 is a connection box housing a contactor and a rotary selector switch.

It is used to control external 1 to 3-phase loads such as oil burners, immersion heaters and pumps.

### NIBE™ RG 10

Room sensor



The room sensor can correct the temperature to radiators or floor loops depending on the increased indoor temperature in connection with solar incident radiation, heating from another heat source or increased indoor activity.

### NIBE™ ELK 26

### NIBE™ ELK 42

Electric boiler

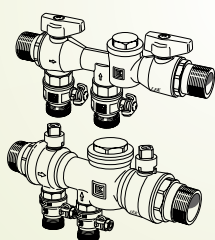


Electric boilers for additional heating for groundsource heat pumps.

### 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™ NV 10

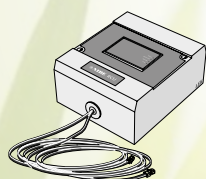
Level monitor



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™ RCU 11

Communication module



The RCU enables operations to be controlled and monitored using a computer or by a principle system (SCADA system), which can read the ModbusTCP-protocol, in a local network or via the internet.

### NIBE™ ESV 21

Extra shunt

This accessory is used when NIBE F1150/F1250 is installed in houses with two different heating systems that require different flow line temperatures, for example, in cases where the house has both a radiator system and an underfloor heating system.

### NIBE™ POOL 11

Pool heating

POOL 11 is an accessory that allows pool heating using F1150/F1250 with integrated electrical addition.

# EXHAUST AIR HEAT PUMP ACCESSORIES

The following accessories are all suitable together with our exhaust air heat pumps. You can find quick facts under each product. To see which accessories that are compatible with your heat pump see diagram on page 2 - 3. For more information, visit

## NIBE™ VPB 200

Accumulator tank with water heater



A separate storage tank that you can connect to your system. It provides the hot water you need, or boosts the capacity of an existing system.

NIBE VPB is the new generation of accumulator tank. It can be docked in several different ways, e.g. to another heat pump such as the NIBE F750.

### NIBE VPB 200

Corrosion	Copper	Enamel	Stainless
Net weight	101 kg	111 kg	80kg
Volume	172 litres	178 litres	176 litres
Volume, charge coil	7.5 litres	4.8 litres	7.8 litres
Max pressure, primary side	3/0.3 bar/MPa		
Max pressure, water heater	10/1.0 bar/MPa		
Height/Width/Depth	1500/600/600 mm		

## NIBE™ VPBS 300

Accumulator tank with water heater



NIBE VPBS is a new type of water heater that are suitable for connection to and in combination with heat pumps and solar panels. For a truly comprehensive installation NIBE VPBS 300, with its integrated design, is best combined with NIBE F750.

### NIBE VPBS 300

Corrosion protection	Copper	Enamel
Net weight	137 kg	150 kg
Volume	266 litres	268 litres
Volume, charge coil	8.5 litres	8.4 litres
Volume, solar coil	4.4 litres	4.0 litres
Max pressure, primary side	3/0.3 bar/MPa	
Max pressure, water heater	10/1.0 bar/MPa	
Height/Width/Depth	1800/600/600 mm	

## NIBE™ UKVS 230

Accumulator tank



UKVS 230 is an accumulator tank with coil for solar panels.

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.

### NIBE UKVS 230

Volume total	230 litres
Max operating pressure	2.5 bar
Operating temperature	max 95 °C
Weight	80 kg
Diameter	595 mm
Height	1380 mm

## NIBE™ RMU 40

Control module



With RMU 40 you can control and monitor your NIBE heat pump (NIBE F370/F470/F750/F1145 and F1245) from another room in the house.

The RMU 40 is equipped with an new multicolour display, with simple menus and symbols, which makes it easy for you to set a comfortable indoor climate.

### NIBE RMU 40

Rated voltage	12 VDC 40 mA (supplied from the heatpump)
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## NIBE™ SMS 40

GSM remote control



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



Now with Android Application

### NIBE SMS 40

Rated voltage	12 VDC 45-80 mA
GSM	850/900/1800/1900
Operating temperature range	0-60 °C
CE certification	In accordance with EN 55 014, EN 301 489, EN 61 000-4 and EN 60 950-1
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

NIBE F1145, F1245, F370, F470 or F750 (firmware version 1177 or higher) together with the accessories NIBE SMS 40 (version 33 or higher recommended) and an Android mobile phone.

### NIBE™ MODBUS 40

Communication module

With MODBUS 40 a NIBE heat pump can be controlled and monitored by external Modbus equipped equipment.



#### NIBE MODBUS 40

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

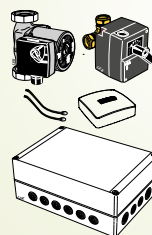
### NIBE™ ECS 40

### NIBE™ ECS 41

Extra heating circuit

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

ECS 40 is used for floor heating < 80 m<sup>2</sup>.  
ECS 41 is used for floor heating > 80 m<sup>2</sup>.



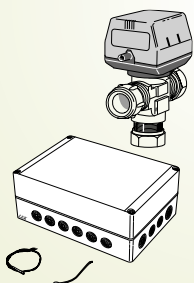
#### NIBE ECS 40/NIBE ECS 41

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

### NIBE™ SOLAR 41

Solar heating

NIBE SOLAR 41 enables solar heating with your heat pump. With additional solar panels and VPAS or VPBS you get a complete system.



#### NIBE SOLAR 41

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

### NIBE™ RTS 40

Room sensor

This accessory is used to obtain a more even indoor temperature.

RTS 40 has up to three functions:

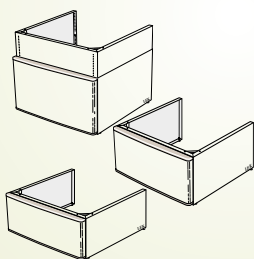
1. Show current room temperature in the heat pump's display.
2. Option of changing the room temperature in °C.
3. Makes it possible to change/stabilise the room temperature



### NIBE™ CABINET

Covering cabinet

Upper cabinets for room heights up to 2400 mm, 2500 mm and from 2550-2800 mm.



### NIBE™ UKV

Buffer vessels

Buffer vessels for heating systems.

As buffer vessels for heating systems NIBE offer the NIBE UKV 40, 100 200, 300 and 500. Only NIBE UKV 40 and UKV 100 can be used with the air/water heat pump NIBE SPLIT.

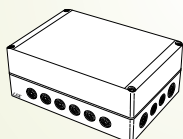


#### NIBE UKV

Volume	40/100/200/300/500 litres
Max operating pressure	6 bar
Working temperature	40/100: 0-95°C 200/300: 10-95°C 500: 16-95°C

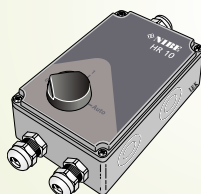


**NIBE™ DEH 40**  
**NIBE™ DEH 41**  
Docking kit



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

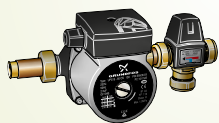
**NIBE™ HR 10**  
Auxiliary relay



Auxiliary relay HR 10 is a connection box housing a contactor and a rotary selector switch.

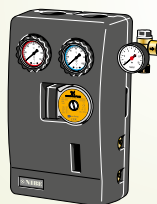
It is used to control external 1 to 3-phase loads such as oil burners, immersion heaters and pumps.

**NIBE™ MCU 10**  
Multi charging unit



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

**NIBE™ SPS 10**  
Solar pump station



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

**NIBE™ DEW 41**  
Docking kit

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

**NIBE™ RT 10**  
Room thermostat

For external control.



# IR/WATER HEAT PUMP ACCESSORIES

The following accessories are all suitable together with our air/water heat pumps.

You can find quick facts under each product. To see which accessories that are compatible with your heat pump see diagram on page 2 - 3. For more information.

## NIBE™ VPB 300

Accumulator tank with water heater



A separate storage tank that you can connect to your system. It provides the hot water you need, or boosts the capacity of an existing system.

NIBE VPB is the new generation of accumulator tank. It can be docked in several different ways, e.g. to another heat pump such as the NIBE F2026.

### NIBE VPB 300

Corrosion	Enamel	Copper	Stainless
Net weight	143 kg	130 kg	101 kg
Volume	274 litres	272 litres	282 litres
Volume, charge coil	8.4 litres	8.5 litres	8.8 litres
Max pressure, primary side	3/0.3 bar/MPa		
Max pressure, water heater	10/1.0 bar/MPa		
Height/Width/Depth	1800/600/600 mm		

## NIBE™ VPBS 300

Accumulator tank with water heater



NIBE VPBS is a new type of water heater that are suitable for connection to and in combination with heat pumps and solar panels.

### NIBE VPBS 300

Corrosion protection	Copper	Enamel
Net weight	137 kg	150 kg
Volume	266 litres	268 litres
Volume, charge coil	8.5 litres	8.4 litres
Volume, solar coil	4.4 litres	4.0 litres
Max pressure, primary side	3/0.3 bar/MPa	
Max pressure, water heater	10/1.0 bar/MPa	
Height/Width/Depth	1800/600/600 mm	

## NIBE™ UKV

Buffer vessels



Buffer vessels for heating systems.

As buffer vessels for heating systems NIBE offer the NIBE UKV 40, 100 200, 300 and 500. Only NIBE UKV 40 and UKV 100 can be used with the air/water heat pump NIBE SPLIT.

### NIBE UKV

Volume	40/100/200/300/500 litres	
Max operating pressure	6 bar	
Working temperature	40/100:	0-95°C
	200/300:	10-95°C
	500:	16-95°C

## NIBE™ VVM 300

Indoor module



VVM 300 is a complete all in one unit for heating and hot water production. Designed for the outdoor units F2026 -6, -8, -10 and F2016 -6, -8, -11.

Available in 3x400 v or 1x230V with either copper or enamel as corrosion protection. Includes all major necessary parts for the assembly.

### NIBE VVM 300

Height (excl. foot 15 – 40 mm)	1880 mm
Required ceiling height	2000 mm
Width/Depth	600/615 mm
Weight	160 kg
Volume double jacket	125 litres
Volume, hot water heater	155 litres
Output immersion heater	13,5 kW

## NIBE™ SMO 10

Controle module



SMO 10 is an advanced control module that, together with the air/water heat pump and existing heating and hot water equipment, creates a complete unit.

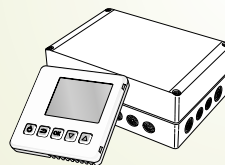
Used together with F2300/F2026/F2016.

### NIBE SMO 10

Height/Width/Depth	405/406/151.5 mm
Max number of air/water heat pumps	9
Max number of sensors	14
Supply voltage	230 V 50 Hz

## NIBE™ SMO 05

Controle module



With the basic control module SMO 05, it is possible to position the display unit in a suitable position for the end user. For example, in the hall or kitchen. The controller has full intelligence and is part of a new NIBE generation controller platform.

Is used together with F2300/F2026/F2016.

### NIBE SMO 05 Display

Height/Width/Depth	85/85/14 mm
Max number of air/water heat pumps	1
Max number of sensors	5
Supply voltage	230 V 50 Hz

**NIBE™ ELK 15**  
Immersion heater



ELK 15 is an immersion heater primarily intended for installation together with heat pump for heating houses or smaller apartment blocks.

NIBE ELK 15 contains overheating protection and contactors to externally regulate the two power groups, 5.0 and 10.0 kW. Used together with EVP 500 or SMO 10 systems.

**NIBE ELK 15**

Height/Width/Depth	560/240/135 mm
Weight	11 kg
Volume	4.5 litres
Supply voltage	3 x 400 V AC 50Hz
Output immersion heater	15 kW
Fuse immersion heater	25 A
Max permitted pressure in boiler	0.7 MPa (7 bar)

**NIBE™ ELK 213**  
Electric heater



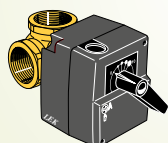
Electric heater for family houses and small apartment houses.

The ELK-213 has a 7-litre, steel pressure vessel. The pressure vessel is designed and manufactured in accordance with current pressure vessel standards.

**NIBE ELK 213**

Volume	7 litres
Height	605 mm
Diameter	200 mm
Voltage	380 – 400 V~ three-phase + N
Output	7 – 13 kW
Working pressure	3 bar (0.3 MPa)
Net weight	18 kg

**NIBE™ VST 20**  
Hot water control



This accessory makes hot water priority possible at large heat pump outputs (charging power between 15 and 40 kW), e. g. F2020-14 (together with an SMO 10) and F1330-40. This also requires a hot water accumulator, for example, NIBE VPA.

**NIBE VST 20**

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

**NIBE™ RE 10**  
Room unit



An external display with integrated room sensor. It is used if controller display is required in a separate room.

RE 10 can be used to read and modify menus and values which are accessible in the heat pump/electric boiler/control module.

**NIBE RE 10**

Height/Width/Depth	205/130/44 mm
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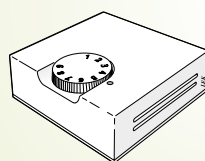
**NIBE™ HR 10**  
Auxiliary relay



Auxiliary relay 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™ RG 10**  
Room sensor



The room sensor can correct the temperature to radiators or floor loops depending on the increased indoor temperature in connection with solar incident radiation, heating from another heat source or increased indoor activity.

**NIBE™ ACK 22**  
Cable kit

Cable kit for ESV 22 or VCC 22. Needed for either ESV 22 or VCC 22. Only one ACK 22 if both are used.

**NIBE™ ESV 22**  
Extra shunt

This accessory is used when NIBE ACVM 270 is installed in houses with two different heating systems that require different flow line temperatures.

**NIBE™ EMK 270**  
Energy measurement kit

Energy measurement kit for indoor unit ACVM 270.

**NIBE™ VCC 22**  
Shuttle valve

Shuttle valve for separate cooling and heating systems.

**NIBE™ DPH**  
Drain pan heater

Drain pan heater for outdoor unit. Compulsary if outdoor temperature is colder than 0 °C.

**NIBE™ BRACKET**  
Positioning of the heat pump

Choose between two alternative mountings. Either wall-mounted or standing on the ground.



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.



NIBE ENERGY SYSTEMS