PELLUX

NIBE-BIAWAR

Catalogue

February 2019

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NIBE BIAWAR PELLUX

NIBE-BIAWAR – part of NIBE Climate Solutions

Eco-friendly, intelligent and energy-efficient products for climate control, greater indoor climate comfort and hot water.

NIBE Climate Solutions offers a wide range of eco-friendly, intelligent, energy-efficient indoor climate comfort solutions, including heating, air conditioning, heat recovery and hot water for homes, apartment blocks, industrial facilities and other large properties.

NIBE Climate Solutions

Company's mission

The mission of our company is to offer modern heating solutions that are characterized by the highest quality and at the same time are innovative. We care about the safety and comfort of our customers who have trusted us by choosing our products. The company's business is built on the extensive experience of the NIBE Group in design, manufacturing and distribution.

Our company is committed to the idea of sustainable development. We have developed a set of principles, based on which we set up a long-term action plan and define our corporate image. It is characterized mainly by conscientiousness and responsibility.

Principles in business

Respect for human rights

Reduced environmental impact

Good business ethics

Product liability

Responsible purchasing

Offer modern solutions

Company's history

1968 Creation of PRE-DOM-SPRZET company in Bialystok

1970 Manufactory of company's first electric water heaters

1981 Company's name change to FUG BIAWAR

1992 Company's privatization/de-nationalization

1998 Implementation of the ISO 9001 system

2000 Shares acquisition by NIBE INDUSTRIER AB. Company's name change to NIBE-BIAWAR Sp. z o.o.

2001 Beginning of enamelled tanks production

2005 Introduction of solar systems

2007 Creation of highly modern enamelled tanks production line

2008 Beginning of big capacity storage tanks production

2009 Construction of new powder-coating paint room

2010 Implementation of ISO 14001 systems

2014 Beginning of pellet boilers production in Bialystok's factory, relocation of technology line from NIBE factory, Trelleborg, Sweden

2016 Establishment of subsidiary PELLUX GmbH in Austria

2018 Acquisition of a new area in Bialystok Economic Zone for a new manufacturing plant

Investment in the future

In 2017, NIBE-BIAWAR established the BIAWAR Produkcja Company, which will operate the newly established factory in the Białystok Economic Zone. The company intends to invest approximately PLN 25 million, thanks to that production efficiency will be significantly increased, new solutions implemented, and additional jobs created.

The new factory will facilitate the efficient production of pellet boilers, components, and internal units for heat pumps and recuperation systems. The facility will also consist of a modern training centre and a laboratory. In the next stages we plan to expand the plant and increase the manufacturing potential of water heaters.

References from all over Europe

Thousands of customers across Europe trust NIBE-BIAWAR for quality and product innovation. We are present on the European markets of the most-demanding customers.

Pellet boilers 12 - 30 kW

Heat pumps and indoor units

Enamelled tanks 80 - 1000 l

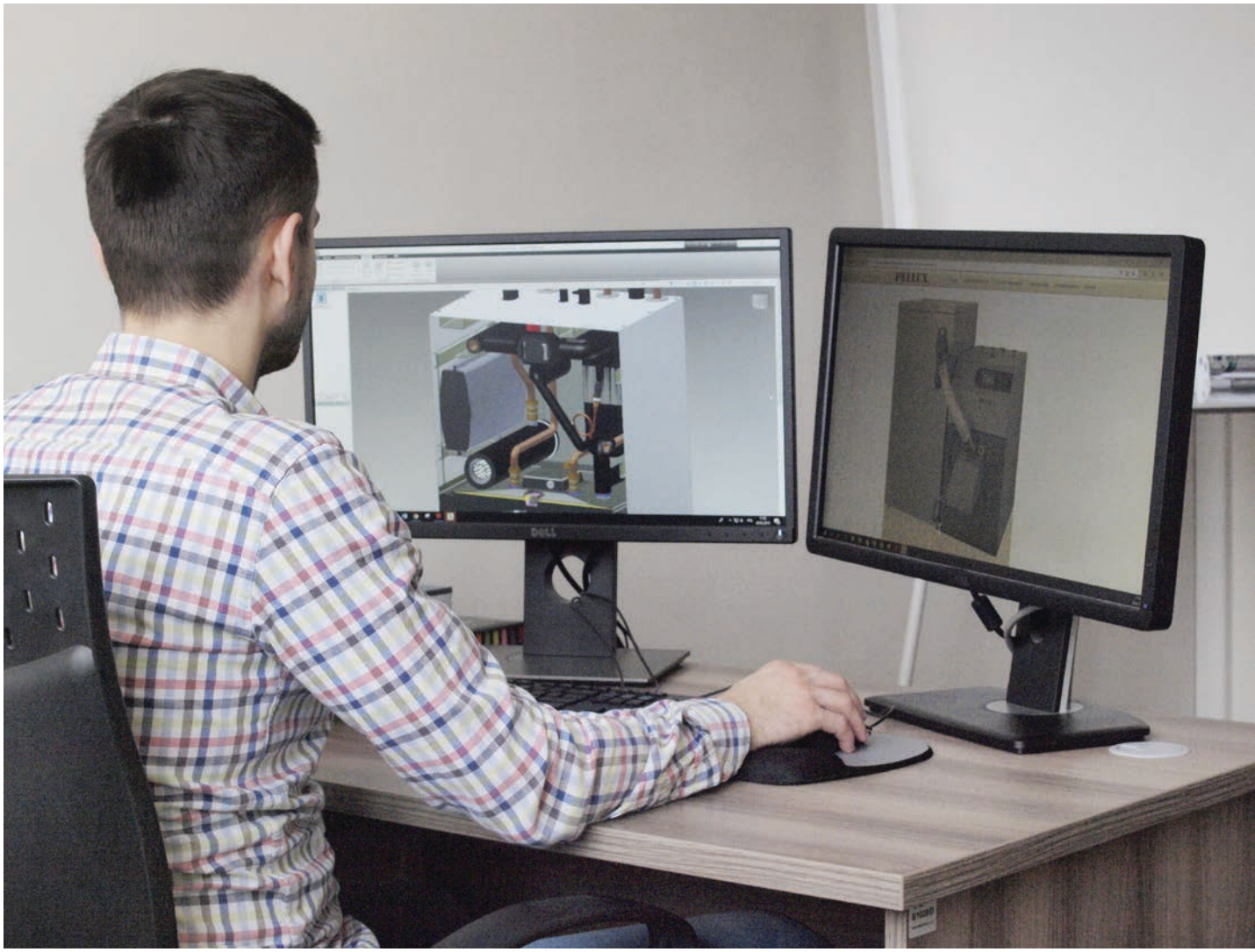
Buffer tanks 40 - 1000 l

Electric storage water heaters

Electric instantaneous water heaters

Construction and development department

The innovative solutions, which change the shape of our boilers, are the result of teamwork going hand in hand with creativity. The place where the most-innovative ideas come to life is our construction and development department. The members of this team are people for whom technology is not only a professional challenge, but also a passion. They are creative people who are experts in new technologies. The decisions made by our construction and development department are well thought out, which is supported by product tests at various stages of production in our laboratory. Our products are tested in an independent institute in Denmark, which confirms their high quality and functionality. The result is the production of innovative boilers which are conquering European markets.



Production and assembly

As a result of our attention to details, each of our boilers have timeless, elegant and functional design. The quality of the boilers is certified in accordance with DIN EN 303-5 and Ecodesign.

Specialised production workers and a modern machine park in our production are a guarantee of high repeatability and the constant highest quality of products. Production stages, such as cutting, bending, and welding, are carried out daily at different workstations. NIBE-BIAWAR can also be proud of one of the most-modern “wet” enamelling and painting plants in Europe, where our tanks, and even very-complex components, such as coils, are enamelled. The high quality of the anti-corrosion protection of our equipment is confirmed by the numerous customer reviews in the markets we serve.

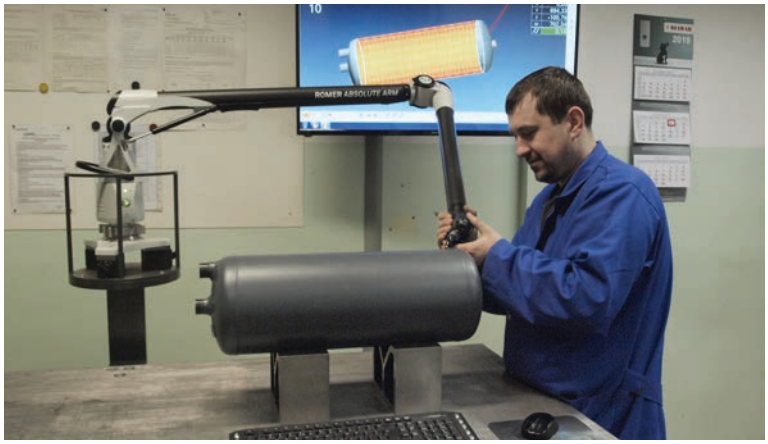
Thanks to investments in our machine park, we are able to manufacture and control the quality of our equipment ourselves. The manufacturing process is based on the use of modern CNC cutters, inverter semi-auto welding machines, and precise bending brakes, as well as laser and plasma cutting machines.

Quality control

The implementation of the ISO quality-management system and the half a century of production experience of NIBE-BIAWAR have resulted in the development of a complex and effective quality-control system, which allows us to achieve full production repeatability in the supplied products and meet the strict quality standards applicable in the NIBE Group.

Each device manufactured by NIBE-BIAWAR is subject to control at all stages of the production process. Thanks to this, we are able to detect any random irregularities, and our products are characterised by the highest repeatability and above-average quality, as confirmed by the opinions of the satisfied customers. The primary task of the quality-control department is to maintain the trust which our business partners and end customers place in us. We believe that our mission is to provide our customers with highest quality, safe-to-use and environmentally friendly devices.

Therefore, each production batch of equipment is subject to a lifetime test. Tests are carried out in accordance with the PN-EN 12897 standard, thanks to which we are sure that our tanks are able to withstand up to 20,000 periodic filling cycles with a pressure of 1.5 x higher than the nominal working pressure of the tank, or 100,000 periodic filling cycles with a pressure of 1.3 x higher than the nominal working pressure of the tank.



Our products are subject to all the obligatory directives, i.e. Electromagnetic Compatibility Directive (EMC) 2014/30/EC, Low Voltage Directive (LVD) 2014/35/EU, Pressure Equipment Directive (PED) 2014/68/EU, Machine Directive (MD) 2006/42/EU (boilers), Restriction of Hazardous Substances Directive (RoHS) 2011/65/EU, REACH Regulation 1907/2006/EC, Waste of Electrical and Electronic Equipment Directive (WEE) 2012/19/EU, Ecodesign Directive 2009/125/EU, Commission Regulation (EU) No. 814/2013, Energy Labelling Directive 2010/30/EU, Commission Regulation (EU) No. 812/2013 (domestic hot water tanks and heaters), and Commission Regulation (EU) No. 2015/1187 (boilers).

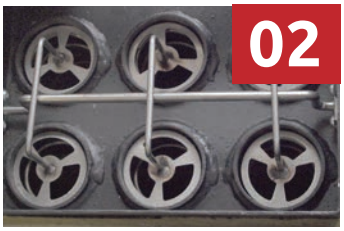
In accordance with the above, we issue for our products DECLARATIONS OF CONFORMITY, in which we declare compliance with the above-mentioned directives, and recall the standards and technical specifications which were applied in the design and manufacture of our produced goods.

For all products in contact with potable water we have the appropriate hygienic certificates, confirming that the products meet the hygienic requirements.

THE ADVANTAGES OF PELLUX BOILERS

01 THE LAMBDA SENSOR

The Lambda sensor module is used to measure the amount of oxygen in exhaust gases. Thanks to the Lambda sensor, the emission of carbon monoxide into the atmosphere is reduced during the combustion process, because the proper selection of oxygen allows the more-efficient combustion of fuel in the boiler. This is especially important when the winter weather is conducive to the formation of smog. Controlling of the boiler operation based on the oxygen content of the exhaust gases, through the active adjustment of its settings, allows the optimisation of combustion and the maximisation of the application of the fuel used for heating. In addition, the service life of the boiler components is extended due to the reduction of soot and tar contamination of the boiler. Thanks to precise measurements on such a large scale, the controller device is able to precisely control the combustion process over the full power range. The applied Lambda sensor is equipped with an electric heater, which heats up the sensor to ensure correct measurements, regardless of the temperature of the exhaust gases.



02 AUTOMATIC CLEANING

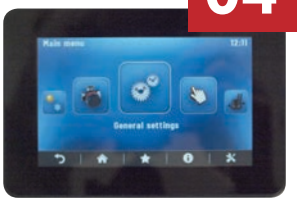
The PELLUX automatic boiler has a unique cleaning system, which is effective while maintaining maximum combustion efficiency. The advanced cleaning system of the combustion chamber allows the precise removal of ash and other small impurities. Additionally, after burning fuels, the automatic boiler cleans the surface of the heat exchanger by itself, using a gearmotor. This guarantees maximum operating smoothness.

03 ADVANCED COMMUNICATION MODULE. ACCESS VIA COMPUTER, PHONE AND TABLET

Our boilers are equipped with a communication module, which allows the remote management of their operation using a computer via the Internet. The user is thus able to control the following parameters

- temperature control in selected rooms
- the operation of pumps, mixers, fans
- previews of the operating status of the selected device

An important benefit from the user's point of view is also a clear visualisation of the history of operation in the form of graphs, the facility of the remote control of all parameters of the device via the Internet (on-line) through the website www.bia24.net, an intuitive interface for operation, and the registration of the key parameters of boiler operations.



04 MODERN CONTROL DEVICES

The control devices we install in our boilers are modern microprocessor systems, which control not only the boiler, but also the heating system. Thanks to the advanced algorithm of operation and the possibility to regulate many parameters, the system can be adapted in a very-flexible way to the needs of the heating system.

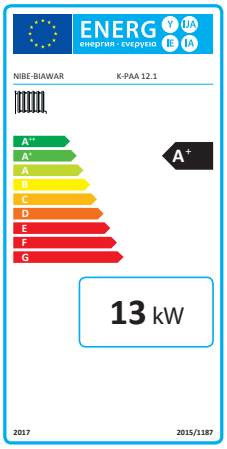
- intuitive and simple operations using one screen (touch-screen graphic display)
- unique design
- state-of-the-art visualisation through the home screen, menus, editing screen, and service settings
- personalisation of the main windows' settings
- convenience, thanks to working with remote control
- comfortable control of boiler operation via the Internet, on-line
- indication of the remaining fuel in two ways (with a sensor or by calculation)
- weekly time programmes, separate for heating, hot water, and boiler
- learning algorithm
- different levels of access to menus and settings (users, services and manufacturer)
- detailed statistics (analysis of boiler operation available for the installer and the manufacturer)

PELLUX COMPACT

5 Class

Class 5 boiler according to the EN 303-5:2012 standard

The possibility of a BAFA grant



BENEFITS TO YOU

- Modern, compact boiler housing
- Automatic cleaning of the boiler exchanger
- Burner-power modulation in the range 30-100%
- 12 kW — Ideal power level for buildings with a usable area of up to 220 m²
- Automatic burner-grate cleaning
- Automatic igniting and extinguishing of the boiler
- Fuzzy-logic control
- Controllable via the Internet
- Exhaust fan included
- Operation with outdoor- and room-temperature sensors
- The possibility of extending the hydraulic system to 4 central-heating circuits, joint operation with a buffer, solar installation, and a second domestic-hot-water circuit
- Colour touch-screen display

PELLUX COMPACT

The PELLUX COMPACT boiler is a combination of innovative technological solutions with modern and elegant design. The compact shape and small size of the device make it fit perfectly into small boiler houses, thus creating a modern heating system. The optimal height of the set and the specially profiled shapes facilitate its installation and fuel refilling in the tank.

Boiler automation

A modern microprocessor-controlled device based on a fuzzy-logic algorithm is responsible for the boiler's operation, ensuring precise fuel and air dosing, the high efficiency of the combustion process, the modulation of the device power depending on heat demand and the control of the entire heating system. Its greatest advantage is being intuitive and simple operation for both the user and the installer.

Low maintenance

Thanks to the automatic burner-grate and boiler-exchanger cleaning systems, the boiler is practically maintenance-free. In addition, the PELLUX COMPACT automatically initiates ignition and extinguishes when the desired operating parameters are reached. The boiler operations have been minimised to controlling and (possibly) topping up the amount of fuel (pellets) in the tank, and emptying the ash from the drawer (every few weeks). In combination with the dedicated pellet feeder and hopper (PP10 + ZP200), we obtain a perfectly matched set, which is able to ensure thermal comfort and domestic-hot-water preparation.

PELLUX COMPACT

Parameter	Unit	Value
Fuel	-	Wood pellets according to the ENPlus standard
Nominal output	kW	12.7
Net weight	kg	185
Water capacity	l	70
Boiler efficiency	%	92
Maximum working temperature	°C	85
Minimum return temperature at boiler inlet	°C	55
Exhaust-gas temperature	°C	80-150
Noise level	dB	48
Flue diameter	mm	127 ext.
Maximum pressure	bar	2,5
Required flue draught	Pa	15-18
Supply voltage	V	1 / N / PE 230 V, 50 Hz
Protection class	-	IP 21

PBMAX 12.1 burner

Parameter	Unit	Value
Burner output	kW	3.8 ÷ 12.7
Fuel	-	Wood pellets according to the ENPlus standard
Voltage	V	1 / N / PE 230 V, 50 Hz
Power consumption for the nominal output	W	40
Power consumption at start-up	W	520
Protection class	-	IP 21
Net weight	kg	15

PELLUX 100

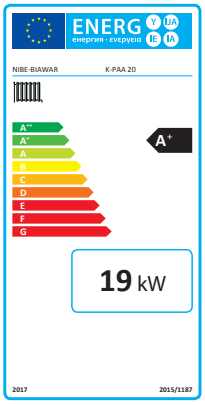
5 Class

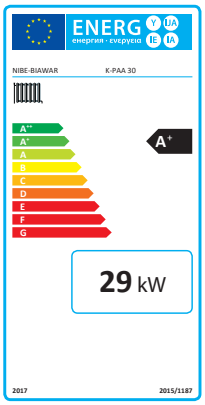
Class 5 boiler according to the EN 303-5:2012 standard

The possibility of a BAFA grant

Ecodesign Compliant

Complies with Ecodesign





BENEFITS TO YOU

- 20 kW — Ideal power level for buildings with a usable area of up to 400m²
- 30 kW — Ideal power level for buildings with a usable area of up to 600 m²
- Automatic igniting and extinguishing of the boiler
- Weather-based control
- 30-100% — Burner-power modulation in the range 30-100%
- Exhaust fan included
- Controllable via the Internet
- Automatic burner-grate cleaning
- Automatic cleaning of the boiler exchanger
- Fuzzy-logic control
- Boiler-operation time schedule
- Lambda sensor
- Colour touch-screen display
- The possibility of extending the hydraulic system to 4 central-heating circuits, joint operation with a buffer, solar installation, and a second domestic-hot-water circuit

PELLUX 100

PELLUX 100 boilers are fully automatic heating devices, equipped with a FUZZY-LOGIC II microprocessor control device adapted to the combustion of ecological fuel, which is wood pellets. In combination with a dedicated PBMAX "throw-in" burner and a fuel feeder and storage tank with capacity of 300 or 500 litres, we receive a set which is able to provide us with the necessary heat for the needs of central heating and domestic hot water without any maintenance. This solution ensures exceptional comfort of use without the need to visit the boiler house even for about a week.

PELLUX 100/20 | PELLUX 100/30

		20 kW	30 kW
Parameter	Unit	Unit	
Fuel	-	Wood pellet according to the ENPlus standard	
Nominal output	kW	20	30
Net weight	kg	200	245
Water capacity	l	60	70
Boiler efficiency	%	92	
Maximum working temperature	°C	85	
Minimum return temperature at boiler inlet	°C	55	
Exhaust gas temperature	°C	80 ÷150	
Flue diameter	mm	127	
Maximum pressure	bar	2.5	
Supply voltage	V	1/N/PE 230 V, 50 Hz	
Protection class	-	IP 21	

PBMAX 20.1 | PBMAX 30 burner

		20.1	30
Parameter	Unit	Unit	
Burner output	kW	6 ÷ 20	9 ÷ 30
Fuel	-	Wood pellets according to the ENPlus standard	
Voltage	V	1/N/PE 230 V, 50 Hz	
Electric power	W	40	
Electric starting power	W	650	
Protection class	-	IP 21	
Net weight	kg	14.5	17

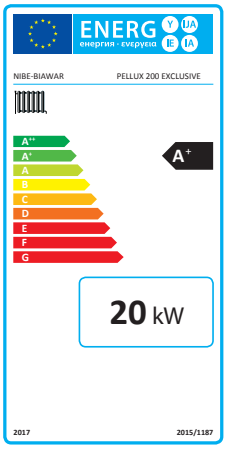
PELLUX 200

5 Class

Class 5 boiler according to the EN 303-5:2012 standard

Ecodesign Compliant

Complies with Ecodesign



BENEFITS TO YOU

- High water capacity (190 l)
- Burner-power modulation in the range 30-100%
- Ideal power level for buildings with a usable area of up to 400 m²
- Automatic burner-grate cleaning
- Automatic cleaning of the boiler exchanger
- Exhaust fan included
- Buffer-tank operation as standard
- Weather-based control
- Cooperation with a reserve boiler
- Large ash container
- Colour touch-screen display
- Automatic igniting and extinguishing of the boiler
- Built-in domestic-hot-water circulation pump
- Fuel-quantity index
- Boiler cleaning and operation-time schedule
- Combustion tubes fitted with tubulators
- Possibility of on-line control and supervision of the boiler
- Can be integrated with additional modules: Lambda sensor, mixer, buffer, etc.
- Handling two central heating circuits

PELLUX 200

The PELLUX 200 is a clean, safe, and almost maintenance-free pellet boiler. The device is used in single and multi-family houses, as well as in commercial and service facilities. In addition to the PELLUX 200 boiler, the set also includes a PBMAX 20.1 pellet burner, a fuel-feeding system, and a pellet hopper with a capacity of 300 or 500 litres. When deciding on this set you can forget about daily visits to the boiler house, and carrying and throwing in fuel every day, as well as the constant supervision of the boiler's operation. In peak heat demand, one full charge of fuel allows about 7 days of uninterrupted operation, and in the case of buildings with lower demand - for even longer!

The controller device screen is large, readable, and tactile, thanks to which we can easily increase or decrease the temperature of the central heating, control the temperature of the domestic hot water, and modify the boiler's operation-time schedule.

The PELLUX 200 boiler is ideally suited for underfloor heating, due to its exceptionally large water capacity (190l).

PELLUX 200

Parameter	Unit	Value
Fuel	-	Wood pellets according to the ENPlus standard
Nominal output	kW	20
Net weight	kg	240
Water capacity	l	190
Boiler efficiency	%	89
Maximum working temperature	°C	85
Minimum return temperature at boiler inlet	°C	55
Exhaust-gas temperature	°C	80 ÷150
Maximum pressure	bar	2.5
Required flue draught	Pa	18 ÷ 20
Supply voltage	V	1/N/PE 230 V, 50 Hz
Protection class	-	IP 21

PBMAX 20.1 burner

Parameter	Unit	Value
Burner output	kW	6 ÷ 20
Fuel	-	Wood pellet according to the ENPlus standard
Voltage	V	1 / N / PE 230 V, 50 Hz
Electric power	W	40
Electric starting power	W	650
Protection class	-	IP 21
Net weight	kg	14.5

LINDO

The LINDO series single-coil tanks are designed to heat and store domestic hot water in conjunction with a single heat source. The devices are adapted specifically to work with wall-mounted gas boilers, but they can also be used with other sources of heat, e.g. slow-burning boilers, oil boilers, etc.

The tanks are available in capacities of 120 l and 150 l and are characterised by high-efficiency domestic hot water, thanks to coils with a large exchange surface (0.9 m and 1.1 m respectively). Thermal insulation made of polystyrene EPS200 and insulating fleece ensures excellent thermal-insulation parameters in the devices.

Additional constructional solutions, such as a single-line-connection nozzles and a built-in drain nozzle, ensure the easy operation of the devices and the aesthetics of the installation

- BIG COIL'S SURFACE
- BUILT-IN DISCHARGE STUB PIPE
- ISOLATED MAGNESIUM ANODE
- VALVE DISPERSING COLD WATER INTEL
- CASING AVAILABLE FOR DISASSEMBLING
- TEMPERATURE'S INDICATOR CASING

Technical parameters		Unit	W-E 120.61	W-E 150.61
ErP Energy class		-	C	C
Storage capacity		l	111	139
Max. operation pressure	tank	bar	6	
	coil		10	
Max. operation temperature	tank	˚C	85	
	coil		110	
Anti-corrosion protection			Ceramic enamel + magnesium anode	
Coil's surface		m²	0,9	1,1
Coil's capacity		l	4,1	5,2
Coil's power	80/10/45˚C*	kW	24,0	28,9
	70/10/45˚C*		19,1	23,1
Coil's efficiency	80/10/45˚C*	l/h	590	712
	70/10/45˚C*		470	568
Anode size (M8)		mm	Ø33x330	Ø33x330
Weight Technical parameters		kg	54	62

QUATTRO

The QUATTRO series domestic-hot-water tanks are designed for heating and storing domestic hot water in cooperation with all types of central-heating boilers, as well as other heat sources, such as a solar-powered system, etc. They are available in the following versions: wall-mounted tank with coil, wall-mounted tank with coil and additional heater, and standing tank with coil.

The devices are characterised by the very-high efficiency of domestic hot water, thanks to a coil with an impressive heat-exchange surface (1.2 m²) and extraordinary thermal insulation made of CFC-free polyurethane foam, ensuring the very good thermal-insulation properties of the devices (class A). The tanks are protected against corrosion with ceramic enamel and an insulated protective magnesium anode.

- ENERGY CLASS 'A' (ACCORDING TO ErP)
- BIG COIL'S SURFACE
- STEEL CASING
- ISOLATED MAGNESIUM ANODE
- VALVE DISPERSING COLD WATER INLET
- CERAMIC HEATER*
- THERMAL OFF-SWITCH
- CFC-FREE PUR FOAM INSULATION

Technical parameters		Unit	Hanging tanks + ceramic heater		Hanging tanks		Hanging tanks	
			OW-E 100.7	OW-E 150.7 A	W-E 100.7A	W-E 150.7A	W-E 100.74 A	W-E 150.74 A
ErP Energy class		-	A	A	A	A	A	A
Storage capacity		l	91	142	91	142	91	141
Voltage rating		V	230/400	230/400	-	-	-	-
Electric heater power		W	1000/3000	1000/3000	-	-	-	-
Temperature regulation range		˚C	30-80	30-80	-	-	-	-
Max. pressure	tank	bar	6		6		6	
	coil		16		16		16	
Max. temperature	tank	˚C	95		95		95	
	coil		120		120		120	
Anti-corrosion protection			Ceramic enamel + magnesium anode					
Coil's surface		m²	1,2		1,2		1,2	
Coil's capacity		l	4,3		4,3		4,3	
Coil's power	80/10/45˚C*	kW	32,3		32,3		32,3	
	70/10/45˚C*		25,7		25,7		25,7	
Coil's efficiency	80/10/45˚C*	l/h	793		793		793	
	70/10/45˚C*		631		631		631	
Anode connector		inch	²/₄"		²/₄"		²/₄"	
Anode size		mm	Ø22x700	Ø22x900	Ø22x700	Ø22x900	Ø22x700	Ø22x900
Weight		kg	76	96	73	93	76	96

BU TANKS

40 - 1000 l

BU-series buffer tanks are designed to work in conjunction with heat pumps, boilers, and other sources of heat energy.

Technical parameters	Unit	BU-40.8	BU-100.8	BU-220.8 N	BU-300.8 N	BU-500.8 N	BU-750.8 N	BU-1000.8 N
ErP Energy class	-	B	C	C	C	C	C	C
Storage capacity	l	39	98	218	296	496	741	991
Max. tank operation pressure	bar	6					3	
Max. tank operation temperature	˚C	95					85	
Net weight	kg	16	31	61	85	113	~ 180	~ 210

MEGA TANKS

100 - 1000 l

MEGA series domestic-hot-water storage heaters are available in three versions:

1. Without coil - for the storage of domestic hot water
2. With one coil - for the heating and storage of domestic hot water in conjunction with one heat source (e.g. gas, slow-burning, oil boiler, etc.)
3. With two coils - for the heating and storage of domestic hot water in conjunction with two heat sources.

The tanks are protected against corrosion with high-quality ceramic enamel, and are additionally equipped with an insulated protective magnesium anode. Thanks to the specially profiled thermal insulation, the devices are characterised by very-good thermal-insulation parameters. After installing the electric heating module, the devices can be used as electric-storage water heaters.

W-E 100.81 - W-E 300.81

W-E 400.81N - W-E 1000.81N

Technical parameters		Unit	W-E 100.81	W-E 125.81	W-E 150.81	W-E 220.81	W-E 300.81
ErP Energy class		-	C	C	C	C	C
Storage capacity		l	96	118	144	211	279
Max. pressure	tank	bar	6				
	coil		16				
Max. temperature	tank	˚C	85				
	coil		110				
Anti-corrosion protection			Ceramic enamel + magnesium anode				
Coil's surface		m²	0,75	1,15	1,15	1,3	1,6
Coil's power* 70/10/45˚C*		kW	14	24,2	24,2	25	26
Coil's efficiency* 70/10/45˚C*		l/h	360	625	625	630	640
Anode connector			$^3/_4$"				1"/M8
Anode size	upper	mm	Ø21x510	Ø21x590	Ø21x700	Ø21x900	Ø21x545
	lower		-	-	-	-	Ø33x425
Weight		kg	42	54	58	80	115

The table involves technical data of MEGA Tanks with one coil only.

BUZ TANKS

400 - 1000 l

The BUZ series multivalent tanks are a combination of a buffer tank with an integrated domestic-hot-water tank, and, thanks to the many connection nozzles, they afford almost-unlimited possibilities, even in the most-complex central-heating systems. They are ideal for co-operation with heat pumps, solar-powered systems, and other heat sources in heating systems.

Technical parameters		Until	BUZ-400/ 150.91N	BUZ-400/ 150.92N	BUZ-500/ 200.91N	BUZ-500/ 200.92N
ErP Energy class		-	C	C	C	C
Storage tank hot utility water capacity		l	142	133	196	191
Buffer tank capacity		l	227	227	273	273
Tank max. pressure	inner	bar	3		3	
	outer		10		10	
Max. coil pressure	upper	bar	-	16	-	16
	lower		16		16	
Max. temperature	tank	˚C	85		85	
	coil		110		110	
Coil's surface	upper	m²	-	1,2	-	1,33
	lower		1,6		2,13	
Anode size		mm	Ø26x350	Ø26x650	Ø26x350	Ø26x650
Weight		kg	180	200	230	260

ELECTRIC WATER HEATERS VIKING, OSKAR, K2

VIKING ELECTRIC STORAGE WATER HEATER

VIKING heaters are pressure devices which supply heated water to several points of use. The heaters' tanks are protected against corrosion by a high-quality ceramic enamel and magnesium anode. The thermal insulation of the devices is made of CFC-free polyurethane foam covered with an aesthetic steel powder-coated housing. The wide range of capacities (30-150 litres) allows the optimal selection of a specific device depending on the demand for domestic hot water. The functionality is complemented by the possibility of mounting in the horizontal position.

THE OSKAR ELECTRIC INSTANTANEOUS WATER HEATER

The OSKAR series of instantaneous water heaters is a modern and economical solution for water heating. To operate a single point of use, non-pressurised appliances, which are equipped with the appropriate mixers depending on the selected version of the heater, are used (basin version, shower version and washbasin-shower version with a special switch). The pressure of OSKAR under the washbasin can operate a maximum of two points of use.

THE K2 ELECTRIC INSTANTANEOUS WATER HEATER

THE K-2 series instantaneous water heaters are a modern and economical solution for water heating. These are three-phase pressure devices, serving several points of water use, with electronic control (K-2 electronic, K-2 LCD). K-2 heaters are available in 2 versions: 9/12/15 kW and 18/21/24 kW, each with a choice of three powers. This allows you to select the right heater depending on your hot-water demands.

INDOOR UNITS FOR HEAT PUMPS HK 200

HK 200 is an indoor unit designed to work with air to water heat pumps. HK 200 is available in two versions, compatible for MONOBLOCK and SPLIT type heat pumps. It is ALL-IN-ONE heat pump indoor unit, designed for heating, cooling and hot water production used in new and retrofit houses. HK 200 is equipped with the heat exchanger (SPLIT type), water heater (180 liters), expansion vessel (10 liters), two switching valves for heating/cooling and for hot water production, integrated electrical heater as a backup heat source and the circulation pump with PWM. The control of the system ensures the steering module which could be installed on the wall or at the front panel of the HK 200. The advanced user friendly controller has the large multicolor display and is compatible with myUpway Internet system for remote monitoring and managing of the heat pump.

Service & after sales support

PELLUX is a reliable, highly efficient and automated boiler of the highest quality. We believe that by installing our product you will provide yourself and your customers with a reliable product for years to come. The safety and satisfaction of our customers are our absolute priority, which is why PELLUX servicing will ensure that every boiler manufactured by us remains efficient and reliable over the years. Our motto is responsibility and flexibility in our approach to the customer. We assure you that if things go wrong, our service will support you.

PELLUX boiler servicing helps to solve any problems with the device.

Become a PELLUX service technician in Germany / Austria

Are you interested in joining the PELLUX team? Are you servicing other devices but you want to further develop your skills and service portfolio?

Take advantage of a series of training sessions conducted at our company's headquarters, and acquire PELLUX boiler-service authorisation. During the training conducted by our experienced employees, you will learn the principles of the proper maintenance of the device, as well as fault diagnosis and their professional repair. We guarantee that the available form and friendly atmosphere of the training will allow you to quickly assimilate all the necessary information.

Training at NIBE-BIAWAR

In our headquaters we have the opportunities in terms of product training. Training rooms and product exhibition are at your disposal.

BECOME OUR SERVICE TECHNICIAN

The benefits to you as a service technician:

- attractive terms of cooperation
- constatnt support of our Service department
- NIBE-BIAWAR products are reliable and easy to maintain

PELLUX

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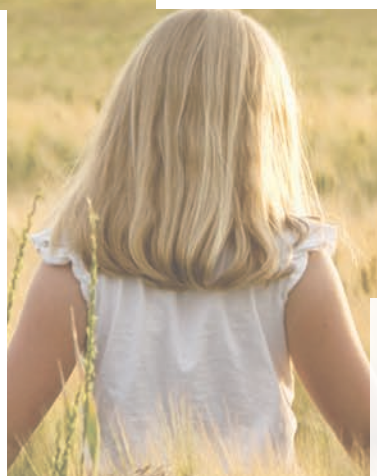

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