

## NIBE™ PELLUX 100 Domestic boiler for pellet firing

NEW



### Features of NIBE™ PELLUX 100

**Burner with automatic ash removal**

**Prepared for automatic shunt control and lambda control (oxygen sensor)**

**Dockable to a number of hot water solutions**

**Suitable as a back-up heat source for heat pumps**

**Prepared for solar panel control**

**Chimney friendly, draft limiter supplied as standard**

**Clever solution with compact external dimensions**

**Settings and control of the burner is made on the panel on NIBE™ PELLUX 100 (with the lambda accessory the burner is adjusted automatically)**

### NIBE™ PELLUX 100

Modern pellet boiler with pellet burner and automatic sweeping.

NIBE™ PELLUX 100 is a pellet boiler with burner for heating detached houses and smaller multi-occupancy homes. NIBE™ PELLUX 100 is easily handled with intelligent controls. The combustion chamber is positioned in the lower section of the vessel with a good sized ash box. Cleaning is made easy and the boiler remains efficient thanks to an upright convection system with automatic sweeping. The pellet burner connects directly to the reversible combustion chamber door.

The control panel is designed to achieve the most simple operation possible. The combustion chamber and convection section require minimum maintenance. Only the ash box needs to be emptied between visits from the sweep. This is easy to do thanks to the hinged combustion chamber door. It's easy to perform all essential service and maintenance through the front door of the burner.

# Technical specifications

## NIBE™ PELLUX 100

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Height/Width/Depth	940/525/800 mm
Depth incl. burner and flue gas connection	1,300 mm
Weight	230 kg
Boiler volume	60 litres
Max available output pellet operation	6-20 kW
Mains voltage	230 V 1 NAC 50 Hz
Fuse pressure in boiler	0.25/2.5 MPa/bar

### Installation

NIBE™ PELLUX 100 is easy to install. The low height of the boiler allows installation at low ceiling heights. The essential pipe connections are on the top or the back of the boiler for easy access. The boiler is also fitted with connections for a hot water system or for docking with another heat source, for example a solar panel or heat pump.

### Equipment

NIBE™ PELLUX 100 is equipped with a climate controlled automatic shunt. The draught limiter supplied means that the chimney is ventilated after each firing and the burner can operate in ideal conditions. The angled flue pipe is also supplied.



### Accessories

#### Feed screws

Feed screws for pellet burner

1.5 m	RSK no. 637 39 90
2.5 m	RSK no. 637 39 91

#### Flue pipe for angled flue pipe

Rectangular flue pipe extension for angled flue pipe.

External dimensions	180 x 123 mm
Length	750 mm
RSK no.	621 07 40

#### Lambda control

Lambda module with flue gas sensor to optimise combustion.

#### Shunt control

Shunt and shunt motor with outdoor sensor.

#### Solar panel control

Module for control of charge pump for solar panel.

#### Vertical flue pipe

For vertical chimney connections this unit is used for the vertical flue pipe instead of the supplied angled flue pipe.

Upper connection	Ø internal	159 mm
	Ø external	168 mm
Lower connector	Ø external	139 mm
RSK no.		621 07 37

#### Round flue pipe extension

Round flue pipe extension.

Pipe	Ø internal	125 mm
Pipe	Ø external	133 mm
Collar	Ø internal	139 mm
Length without collar		750 mm
RSK no.		621 07 39