

DOMESTIC PELLET BOILER NIBE™ PELLUX 200

A complete pellet boiler for heating houses



Features of NIBE™ PELLUX 200

Complete combi-boiler optimised for Pellets

Integrated hot water heating via stainless steel heat exchanger

Integrated automatic sweeping

Pre installed shunt valve package

Integrated automatic shunt valve for climate control via outdoor sensor

Easy installation of the burner

Valve control for climate compensation via outdoor sensor

Large ashbox for longer intervals between emptying

Prepared for remote control

Load monitor as standard

Draught limiter for chimney supplied

Integrated immersion heater allows electric reserve operation or back up

Max output is 25 kw (pellet mode)

NIBE PELLUX 200

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

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

 **NIBE**

Technical specifications

NIBE™ PELLUX 200

Boiler water volume	(litres)	190
Mains voltage		400 V 3 NAC 50 Hz
Rated output, internal circulation pump	(W)	113
Enclosure class		IP 21
Design pressure, heat exchanger	(MPa/bar)	1,0/10
Water volume heat exchanger	(litres)	1,5
Max. operating pressure/design pressure, boiler	(MPa/bar)	0,25/2,5
Cut-off pressure in boiler	(MPa/bar)	0,25/2,5
Maximal output immersion heater	(kW)	9
Maximal output during pellet firing	(kW)	25
Ash box, volume	(litres)	20
Height	(mm)	1500
Required ceiling height	(mm)	1640
Width	(mm)	600
Depth	(mm)	720
Weight	(kg)	230

Product description

PELLUX 200 is a specially developed combi-boiler for pellet burning. Pellet burner NIBE PB20 is connected directly to the burner hatch with the fixing element supplied.

An upright convection system and automatic sweeping facilitate cleaning. This also gives a high and even level of efficiency.

A generously sized ash box facilitates the normal maintenance.

PELLUX 200 has a top connection and is equipped with an Automatic charge device for the preparation of domestic hot water.

Available output in pellet mode is max. 25 kW.

Heating

The boiler water is led from the top of the boiler to the radiator circuit via a shunt valve (SV), where the desired temperature to the radiators is maintained by mixing the hot boiler water with the cooled return water from the radiator circuit.

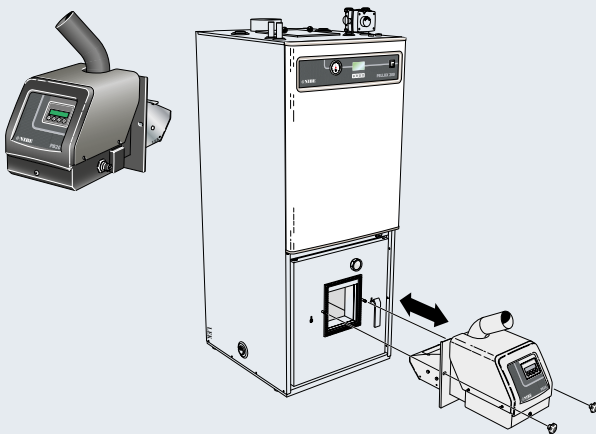
Hot water heating

The boiler is equipped with an internal circulation pump that is controlled by a flow sensor and starts automatically when the hot water is used.

Equipment

The draught limiter supplied means that the chimney is ventilated after each firing and the burner can operate in ideal conditions whether it is windy or not.

Pellet burner NIBE P20



System diagram

