

Janfire Compact

boiler for wood pellets



Janfire Compact

The Compact boiler is specially designed for the Janfire NH burner. Everything fits and because of this you get a tremendously powerful and efficient system with very low dimension.

We took a very close look on handling and maintenance during the design of this boiler. You just have to open the front door to get access to nearly all important parts of the boiler and the burner. The ash pits can be removed and the burner bowl is very easy to reach. It is not necessary to disassemble the burner for normal service. Isn't that easy?



The main heat exchanger of the Compact is plain and build in vertically. Because of this dust can not stick easily to its surface. We have moveable turbulator sheets in it. These sheets can be moved up and down by a lever on the side of the boiler. By moving the sheets the surface of the heat-exchanger will be cleaned.



The Compact has no built-in controller. Only the essential components are built-in. Because of this the Compact is very flexible and can be easily integrated in many different systems.



Janfire pelletburner NH



The Janfire NH pellet burner has, thanks to our patented new technique, the least maintenance time of any pellet burners on the market. The burner is completely automated and self cleaning. It can run for several weeks without service or control.

The patented moving bottom of the burning chamber scrapes away ash and waste material, pushes it into the boiler's firebox. The burner automatically cleans itself according to preprogrammed intervals. Quick cleaning and a fast restart made for effective hot water production.

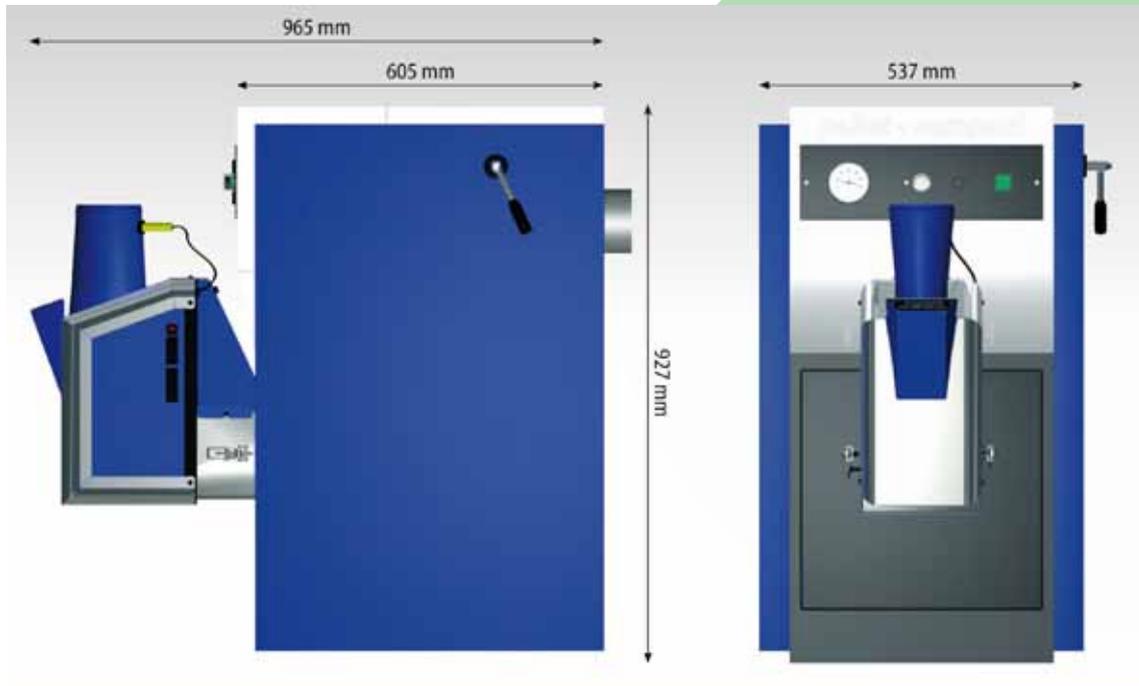
The NH „Moody“ can with an additional temperature sensor run in a fully modulating mode, from 3 to 23 kW. It will adapt its output to the actual energy need. This will give fewer starts and stops at the same time as high power is available for hot water production.

The boiler target temperature can be controlled by outdoor temperature if an outdoor sensor is fitted to the system.

A lambda-sonde is available for the Janfire NH burner, too.

The Janfire NH burner can burn pellets from 6 up to 10mm. We recommend pellets which are conform with EN 14961-2 A1

The Janfire NH Pellet burner is conform with EN15270. This is confirmed by the TÜV Rheinland.



Technical dates for the boiler:

- Steel boiler conform with EN 303-5
- el. connection: 230 VAC+/- 10%, 50 HZ
- power output
 - Pellets: 10 kW to 15 kW
- dimensions (incl. burner): H 927 x W 537 x L 965
- water volume: 47 l
- weight: 157 kg
- flue gas connection: 110 mm (backside)
- Necessary draft of chimney: 10 Pa

Accessory:



Please ask for:

- auger system
- lambda-sonde
- storage systems
- akkutanks
- controllers

Further Products and Services:



Combiflame



Monoflame



Duoflame



Jet System



log boiler UK15



wood gasification stove



micro block heat and power plant



We are looking forward to your request.

SIB
engineering office for renewable energy systems

Rotkehlchenweg 12
D-25421 Pinneberg

Fon: 0049 4101 48 07 32
Fax: 0049 4101 48 07 31
Mobil: 0049 1578 44 66 804
Janfire Service: 0049 1512 41 90 152
EMail: info@sibbertsen.com
www.sib-heiztechnik.de

Technical change, errors in translation and literal errors excepted.

Janfire
pelletswärme