

# Janfire Combiflame

boiler for wood pellets, log and brown coal



## Janfire Combiflame

A simple boiler for a wide range of use

The new Combiflame is able to use the wide power range of the Janfire NH burner because of its new design. From 10 to 21kW the Combiflame operates with very high efficiency and low emission. The Combiflame is just a boiler made for heating, you will find no gadgetry on it! The Combiflame's construction is robust and simple and it is very easy to operate and maintain. This is a boiler for heavy duty!



Rear view with connection ports

The heat exchanger for the thermal relief valve is integrated in the boiler. You can see the hot water outlet in the middle. Next to it you see muffles for thermometer pockets.



Assembly of the regulation flap

If you like to fire the Combiflame with logs instead of pellets, you have to remove the NH pellet burner. Now the regulation flap is inserted into the burner opening and bolted. The regulation flap is driven by a controller on the front of the boiler. Controller and flap are connected by a chain.

Not only pellets can be burned!

With a few handles the Combiflame can be changed from a pellet boiler into a log boiler and reverse. After the change you can burn log up to a length of log from about 50 cm. It is possible to burn briquets of brown coal, too. It is not necessary to have a bad feeling about this kind of fuel. Even with these problematic fuels the Combiflame has very low emissions and full files the latest German emission law from 22.03.2010. All this is possible because of the new flue gas cleaning system. The Combiflame is equipped with the latest catalytic converter system for a solid fuel boiler!



Easy to handle! The catalytic converter in its box

The catalytic converter can be removed easily for cleaning and maintenance.



big ashpit

Here you can see the ash pit. In this picture all parts which are needed to burn solid fuels are in place. The grill for log is delivered in 5 parts and just laid in a frame in the boiler.

### Technical dates fore the boiler:

- Steel boiler conform with EN 303-5
- el. Connection: 230 VAC+/- 10%, 50 HZ
- power output
  - Pellets: 10k W to 20 kW
  - log: 15 kW
  - briquets of brown coal: 15 kW
- dimensions (incl. burner): H 1169 x W 479 x L 1200
- water volume: 75 l
- weight: 255 kg
- flue gas connection: 160 mm (backside)
- necessary draft of chimney: 10 Pa

### Janfire pellet burner NH

The Janfire NH pellets burner has, thanks to our patented new technique, the least maintenance time of any pellets 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 boilers firebox. The burner automatically cleans itself according to pre programmed 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 start 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 10 mm. 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.



Further Products and Services:



Compact



Monoflame



Duoflame



Jet System



log boiler UK15



wood gasification stove



micro block heat and power plant



We are looking forward to your request.

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Technical change, errors in translation and literal errors excepted.

**Janfire**  
pelletswärme