

## Pellet Boiler

PelletWork 35, 45, 75, 95, 120, 150 kW

Next-generation pellet boiler



### Axinar presents the new class 5 boiler

PelletWork belongs to the top class boilers with 93.4% efficiency and 20 times less emissions.

Minimal CO<sub>2</sub> and Dust makes PelletWork boiler an environmental friendly heating system, totally aligned with international standards.

PelletWork boiler is the ideal solution for low-cost high-efficient heating installation.



### Why Pellet Work?

- Less fuel consumption, less fuel and maintenance cost, environmental friendly. Acceptable of all European members.
- High power Density
- Due to its intelligent design, it has the max volume to power ratio, in market. Because of its compact design the boiler may be installed at areas of limited space. It may even be installed under a balcony or a staircase.



### 1 Turbulators/autocleaners

The turbulators are maximizing the efficiency of the boiler. Also, with a outside lever with 3 simple oscillations, you keep the heat exchanger clean.

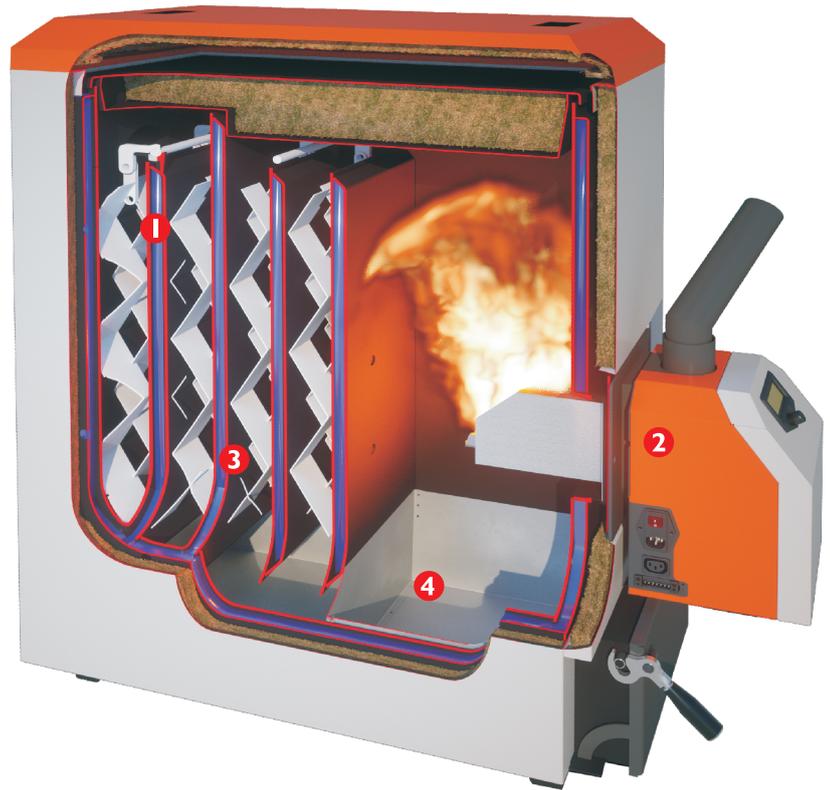
### 2 Burner connection point

The burner connection point is square-shaped, 17x17 cm, and is suitable for any type of pellet burner. The boiler has been tested with Pellas, Ferroli, Condor, PelletTech and Bernonfire burners.

### 3 Flue gas paths

Axinar boiler has five vertical flue gas paths with turbulators, ensuring the lack of flue gas from ash or combustion remains. In addition, the large sized surface of heat exchange leads to high efficiency and fuel economy.

The process of pre-dimensioning is based on a load of 10.000 cal/m<sup>3</sup>.



### 4 Ash tray

The ash tray has a depth of 24 cm and it is divided in two compartments. Its capacity is 30 lt (2.000 kg of pellets) so you don't need to clean the boiler regularly.

### Testimorial

	 Class 5 EN303-5	 AXINAR	Actual profit
Efficiency %	89.2	93.4	+4.2%
CO mg/m <sup>3</sup>	500	201	-60%
Dust mg/m <sup>3</sup>	40	29.2	-27%
OGC mg/m <sup>3</sup>	20	«2	Just Perfect!
NOx mg/m <sup>3</sup>	----	155.2	RHI compliant

### Case Study

#### Facts Axinar vs. Class 5

You will save 350kg pellets, 610kg CO<sub>2</sub>, 16kg CO, and 0.57kg Dust in the air, every year.

*\*Case study of typical house, 7tons/year*

#### Facts Axinar vs. Oil boiler

You will save 11.7tons CO<sub>2</sub>, every year. It's the equivalent to 8.500m<sup>3</sup> (2.1 acre) of forest.

**Protect the environment and save money just by selecting Axinar pellet boilers!**

