



PELLET BOILERS

PelleTech®
25

PelleTech®
15-50

PelleTech®
50-110



PELLET BOILER HEATING SYSTEM WITH BUILT IN BURNER AND FUEL TANK.

AREA OF USE: Household heating - Agriculture/ Industrial

FUEL: Pellets O-Norm M7135, Pellets EN 14961 A1, Pellets DIN plus, Pellets DIN 51731, Cardoon pellets, Corn ,Olive kernel or other biomass material with the appropriate bulk and humidity.

SPECIFICATIONS		PELLETECH 15-50	PELLETECH 50-110
Boiler Output Range	Kw	15 - 50	50 - 110
Efficiency	%	92*	92*
Flue gas temperature	°C	140 - 180	120 - 160
Water Content	lt	80	160
Water service temperature	°C	60 - 75	60 - 75
Water Max temperature	°C	90	90
Permissible Operating Pressure	bar	3	3
Pellet Tank Capacity	Kg	150	175
Boiler weight	Kg	480	620
Flue Pipe Diameter	mm	150	150
Dimintions (W x H x D)	mm	1330 x 1450 x 890	1620 x 1700 x 920
Electric Connection	230V, 50-60Hz, 6.3A fuse		

FEATURES / ADVANTAGES

- ▶ Variable heating output and wide performance range
- ▶ Fully automatic or semi-automatic function
- ▶ Low fuel consumption
- ▶ High efficiency with the lowest emissions
- ▶ Compact design
- ▶ Safe operation with a friendly control system
- ▶ High quality materials

* depended of the pellet type



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SPECIFICATIONS		
		PELLETECH 15-50
Boiler Output Range	Kw	8 - 25
Efficiency	%	91*
Flue gas temperature	°C	120 - 190
Water Content	lt	72
Water service temperature	°C	60 - 75
Water Max temperature	°C	85
Permissible Operating Pressure	bar	3
Pellet Tank Capacity	Kg	100
Boiler weight	Kg	220
Flue Pipe Diameter	mm	100
Dimensions (W x H x D)	mm	660 x 1330 x 860
Electric Connection	230V, 50-60Hz, 6.3A fuse	

* Depended of the pellet type

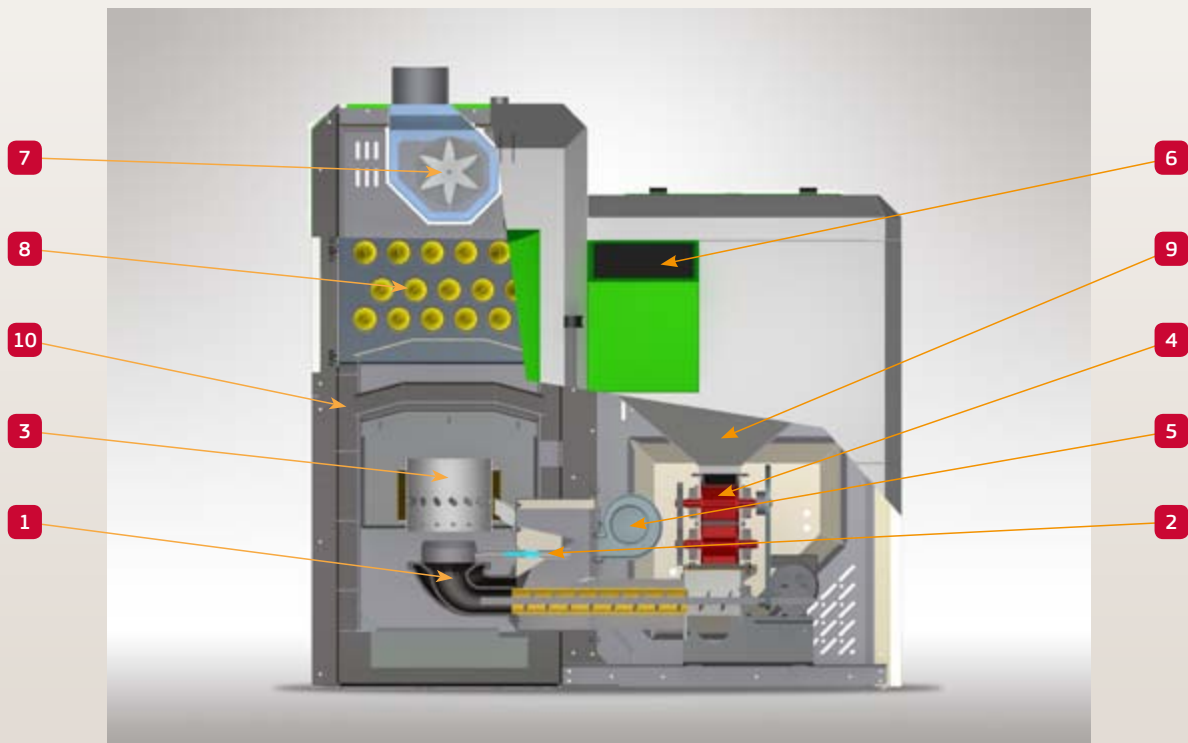
** The heating capacity is affected by various factors such us pellet type, calorific value, house insulation and boiler position.

Small pellet boiler unit ideal for apartments and large houses with low energy requirements up to 550 m³**.

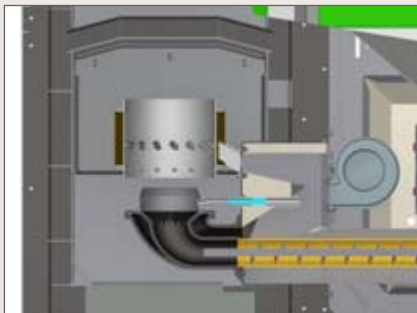
Except Boiler rooms, Pelletech 25 designed for installation into small rooms such as storage rooms, balcony, garage, auxiliary rooms etc. due to its small external dimensions.

FEATURES / ADVANTAGES

- ▶ Automatic function
- ▶ Complete kit for hot sanitary water production with built in circulator and expansion tank
- ▶ High output
- ▶ Low pellet consumption
- ▶ Friendly use Multilanguage control panel
- ▶ Large pellet tank capacity 100Kg
- ▶ Burning system with automatic cleaning cycles of the burning pot
- ▶ Springs for the heat exchanger cleaning



PelleTech® BOILER BENEFITS



Burner with secondary combustion chamber.



High quality cast iron burning pot with electronic ignition.

1. High quality cast iron burning pot. Due to the shape of the burner and vertical propulsion of the Fuel at the final stage, the system retains consecutive function without any cleaning interference by the owner. Due to this benefit the system can burn various types of solid fuels, without the familiar blocking problems caused by the unburned accumulated material inside the burning pot.
2. Electronic ignition system by a high quality glow ceramic ignition with extremely low power consumption, approximately (170 Watts).
3. Stainless steel secondary combustion chamber with circular airflow towards the flames which provides excellent combustion.
4. Electronic controlled feeding system, with a main stainless steel auger and double rotary valves, which secure back-burn protection of the flames to the pellet tank.
5. High quality combustion fan, which is adjusted by the controller and supplies air to the burning pot and the secondary combustion chamber.
6. Friendly use control panel, which guarantees optimal operation by adjusting all the combustion Parameters.
7. Electronically controlled fume extraction fan, for a proper combustion gas extraction to the chimney.
8. High quality steel heat exchanger, with horizontal tubes and optional turbulators use.
9. Built-in storage tank for pellets, which can be connected with an external pellet silo for automatic refill.
10. Heavy type boiler, made by thick steel which meets the highest requirements.



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