

# E · R · A · T · O



**ERATO-PELLE THERM**

**25**

[www.erato.bg](http://www.erato.bg)

# AUTOMATIC PELLET BOILER



## ERATO PELLEATHERM 25

The hot water automatic pellet boiler "ERATO Pelletherm 25" is designed for local heating and hot water supply of family houses, offices and small workshops. As a fuel are used pellets with diameter from 6 to 14 mm, as well as fruit nuts.

### ADVANTAGES:

- Regulating of the heat capacity in a wide range;
- Automatic fuel ignition and cleaning of the burner from the ash residue;
- The automatic maintenance of the boiler, regulated by room thermostat (7 days thermostat) ensures maximum heat comfort;
- Unpretentious to the quality of the used fuel;
- Semi-automatic cleaning of the tube nest;
- It does not require too big draught;
- Easy maintenance and high reliability;
- Possibility for automatic feeding of the hopper with fuel from another outside tank;
- High efficiency;
- Environment friendly;
- Possibility for using the boiler during the summer season for hot water supply.



### MAIN TECHNICAL DATA :

Parameter		Dimension
Nominal thermal capacity	25	kW
Operating thermal range	10-25	kW
Used fuel	Wood pellets, dried fruit nuts (cherries, plums or apricots); Mixture: 70% wood pellets + 30% forage corns	
Pellets categories (according to Erato's pellet index rating)	A, AB, B, BC, C, CD, D, DE	
Fuel consumption at nominal thermal capacity	6	kg/h pellets
Average fuel consumption	3.6	kg/h pellets
Residue of the combustion process	Ash	The quantity depends on the fuel ash content
Fuel tank (intermediate) capacity	200	dm <sup>3</sup>
	135	kg pellets
Ignition / Cleaning	Automatic fuel ignition and cleaning of the burner from the ash residue	
Efficiency	89	%
Maximal temperature of the circulating water in the heat exchanger	90	°C
Weight	395	kg
Dimensions:	Length	1350 mm
	Height	1450 mm
	Width	920 mm



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