

**Thermorossi H20 34**  
**Price Includes VAT**  
**€4,999.00**



**Ecotherm H20, the fully-automatic and programmable pellet heater, produces hot water, feeds radiators, is easy to install and its high output guarantees considerable savings. It can be easily integrated with traditional heating systems or connected to latest generation systems, such as, for example, solar heating systems.**



**Patented Burner: after many years off experience in the production of wood and pellet generators, our company has succeeded in creating an innovative burner (patent n°. VI2004A000014). It's revolutionary shape, the gauging, the number of holes and the continuous movement of the motor-driven paddle, makes it possible to keep the primary and secondary air mixture constant. The combustion residues are removed from the inside of the burner out to the sides and they then drop into the 3 ash pans.**



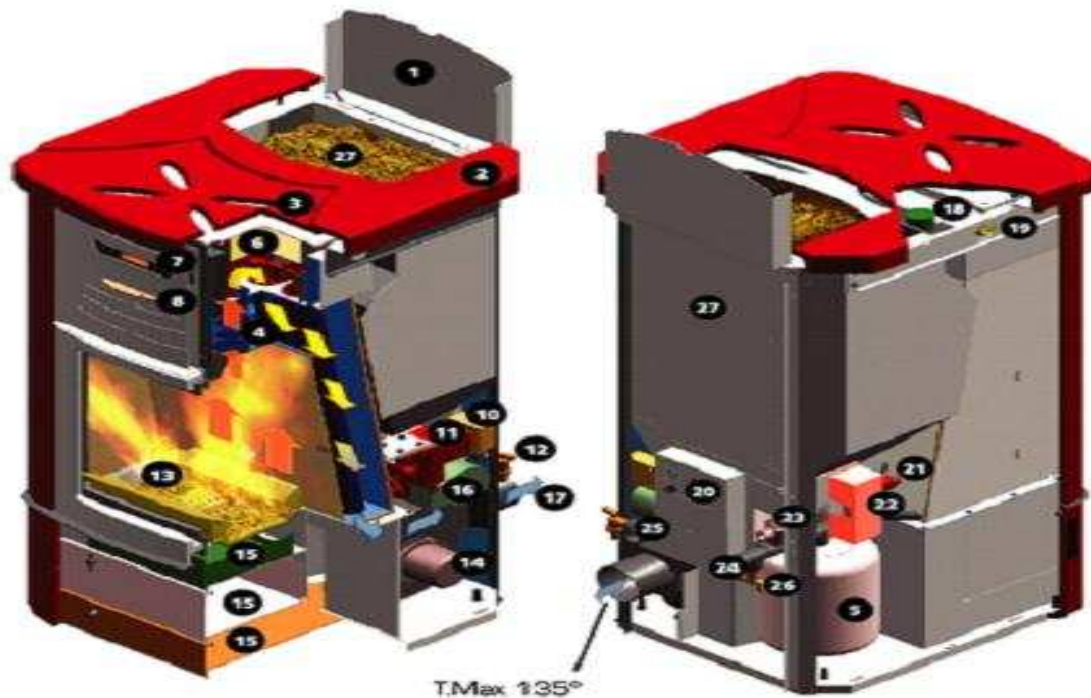
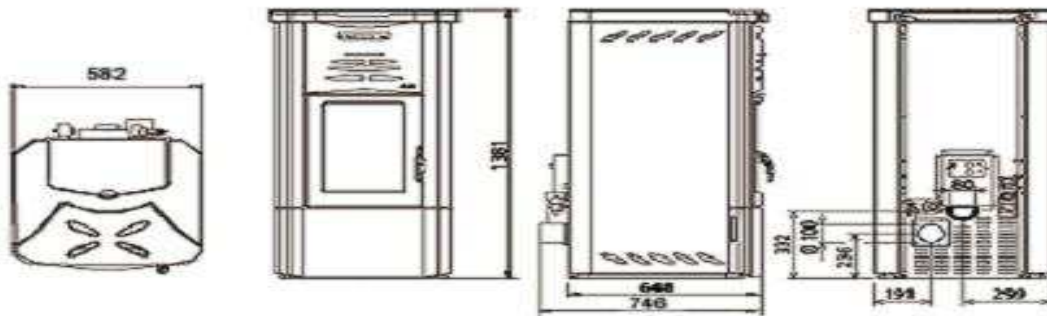
**Over 90% efficiency is achieved thanks to the patented burner which develops 2 flame fronts capable of not only transmitting heat to the central heat exchangers but also to the ones on the side which are normally unused in pellet combustion.**



**CONTROL PANEL**

The large dimensions of the digital control panel make it easier to manage the stove as well as to read and use the various functions. With a simple touch of the finger you can switch the heater on and off manually or program the on/off mode at variable times for an entire week. Choose between manual or automatic mode with power modulation for easy adaptation to the plant requirements. Adapt the water temperature in the tank to the season in order to optimize consumption, to guarantee high efficiency and to save energy. View the water pressure in the tank by means of a pressure transducer.

There is currently an SEI grant available to homeowners for €1400 on approved Wood Pellet Stoves with integral Boilers



**LEGEND:**

- 1 Tank cover;
- 2 ceramic cover;
- 3 inspection cover;
- 4 tube bundle;
- 5 litre expansion tank (for tank protection)
- 6 tube bundle lever;
- 7 control panel;
- 8 riddling handle;
- 9 adjustable mounting feet;
- 10 smoke side pressure switch;
- 11 ratiomotor and lever for automatic cleaning of brazier;
- 12 boiler drain cock with flex tube connection;
- 13 patented self-cleaning burner;
- 14 smoke suction unit;
- 15 ash pans;
- 16 system circulating pump;
- 17 smoke outlet;
- 18 steam relief valve;
- 19 sump for temperature feeler and safety thermostat;
- 20 safety thermostat;
- 21 pressure transducer;
- 22 electronic board;
- 23 safety valve calibrated at 3 bar;
- 24 water delivery;
- 25 water return;
- 26 boiler fill-up cock;

	Dimensions (HxWxD)	<b>(mm)</b>	1381-582-746
	Electric consumption (min/max)	<b>(W)</b>	169-383
	Efficiency at the introduced power		87,7% (33,7 kW) 91,5% (16,9 kW) 93,3% (6,3 kW)
	Min. flue draught pressure	<b>(mbar)</b>	0,10
	High temperature safety thermostat		•
	Flue gas exhaust diameter	<b>(mm)</b>	100
	Pellet hopper capacity	<b>(kg)</b>	65
	Hourly pellet consumption	<b>(kg/h)</b> <b>(min/max)</b>	1,66/6,9*
	Noise at min.	<b>(db)</b>	38
	5 levels of temperature control		•
	System circulating pump		•
	Expansion tank		•
	Safety valve		•
	Weekly programmer		34
	Patented Burner		•
	Room thermostat		optional
	G.S.M. Modem system		optional
	Weight	<b>(kg)</b>	263
	Power to the hearth max	<b>(kW)</b>	33,7
	Power rendered for convection and radiation of the atmosphere	<b>(kW)</b>	5,2
	Power to the water	<b>(kW)</b>	24,4