

Thermorossi H20 18
Price Includes VAT
€4,399.00



ECOTHERM H20: it features suitably-sized heat exchangers. It is perfectly suitable for connection to the water-heating system of an entire house as it is capable of containing and changing an optimal volume of water. ECOTHERM H20 develops greater thermal power output, providing efficiency exceeding 90% and low exhaust emissions. ECOTHERM H20: a pellet stove heater, designed and built to meet the heating and comfort requirements of your home.

The first stove heater without a room fan because it is capable of transmitting all its power where it is needed: to the water!



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.

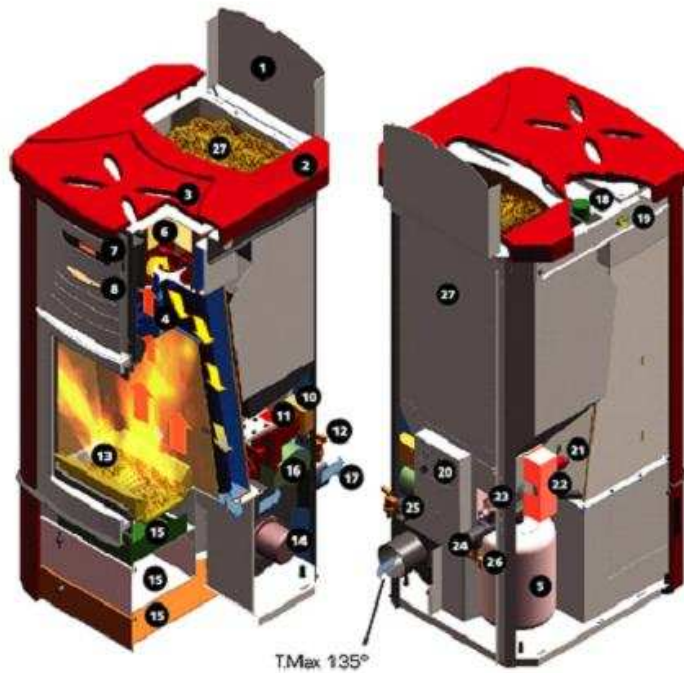
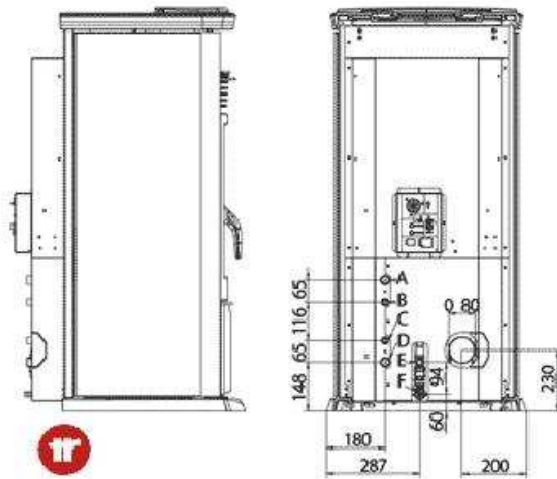


MULTIMEDIA REMOTE CONTROL

TECHNICAL SPECIFICATIONS



- voice function
- (PATENT No. PD2005A000233)
- Radio-wave room temperature thermostat
- weekly chronothermostat with three daily programming capability
 - easy-to-access, user-friendly menu
- large LCD screen, clear and bright against backlighting and antireflection
 - wall bracket

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;
- 27 tank

	Dimensions (HxWxD)	(mm)	1214-616-700
	Electric consumption (min/max)	(W)	148-352
	Efficiency act the introduced power		93,8% (18,8 kW) 93,4% (5 kW)
	Min. flue draught pressure	(mbar)	0,10
	High temperature safety thermostat		•
	Flue gas exhaust diameter	(mm)	80
	Pellet hopper capacity	(kg)	43
	Hourly pellet consumption	(kg/h) (min /max)	0,8-3,5*
	Noise at min.	(db)	38
	5 levels of temperature control		•
	System circulating pump		•
	Expansion tank		•
	Safety valve		•
	Weekly programmer		•
	Patented Burner		•
	Radio control with room temperature thermostat		•
	Voice function		•
	Room thermostat		optional
	G.S.M. Modem system.		optional
	Weight	(kg)	209-235
	Power to the hearth max.	(kW)	15,8
	Power rendered for convection and radiation of the atmosphere	(kW)	3,2
	Power to the water	(kW)	11,6
	Instant domestic hot water production kit		optional