

3. TECHNICAL CHARACTERISTICS

Table 1. contains the technical characteristics.

Table 1.

Maximal heat power	kW	15
Nominal power / Air / Water	kW	14,62 / 4,30 / 10,32
Efficiency	%	92,37
Dimensions (W x D x H)	mm	523 x 684 x 1041
Weight	kg	136
Fuel (dimensions)		Wood pellet (Ø6 mm L≈30 mm)
Exhaust	mm	Ø 80
Draft	Pa	12±2
Storage capacity	kg	19
Voltage	V	230 ± 15%
Frequency	Hz	50
Electrical power during the operation	W	55 - 160 *
Electrical power during the initialization	W	400 - 450 **
Efficiency	%	92,37
Reduced power nominal/air/water	kW	4,3 / 1,3 / 3
Fuel consumption- nominal	Kg/h	3,475
Fuel consumption-reduced	Kg/h	1,392
CO (13%O2)%	%	0,0053
Exhaust gasses temperature	°C	124
Working temperature	°C	5 - 60
Storage temperature	°C	-10 - 60
Maximal relative humidity (without condensation)	%	95

* - depending of which fan is on, as well as the motor reducer

** - lighter and emissions fan is on (400W), while an motor reducer is occasionally getting on

