

1. Unified product type identification code: HV.
2. Model, lot, series, or any other element that allows the identification of the product, under article 11, point 4: HIDROCOPPER 18.
3. Intended use /uses of the construction product, according to the relevant harmonized technical specification, as intended by the manufacturer: Heating of residential buildings.
4. Name, company name or trademark and address of contact of the manufacturer according to article 11 point 5:  
 Ecoforest- Biomasa Ecoforestal de Villacañas S.L.U (B – 27.825.934)  
 Polígono Industrial Porto do Molle - Rúa das Pontes Nº 25.  
 36350 – Nigrán – España.
5. System or systems for evaluation and verification of the constancy of the performance of the construction product, according to Annex V: System 3
6. Laboratory Ceis (NB 1722) and test report number CEE-0219/20-1.
7. Declared performance.

Essential features	Performance.	Harmonized technical specifications	
Fire Protection	Compliant.	EN 14785:2007	
Reaction to fire.	A1 SE (without test).		
Distance to flammable materials.	Minimum distances in cm. Back = 40. Side = 40. Front = 150. Top = 150.		
Risk of fuel explosion during ignition.	Compliant.		
Surface temperature.	Compliant.	2006/95/CE	
Electric security	Compliant.		
Electromagnetic compatibility	Compliant.	2004/108/CE	
Cleaning competence.	Compliant.	EN 14785:2007	
Maximum working pressure.	1,5 Bar		
Mechanical resistance (chimney support).	Compliant.		
Durability	Compliant.		
Thermal power.   Energy efficiency.	Compliant.	EN 14785:2007	
Emission of combustion products, nominal thermal power.	<i>13% de O<sub>2</sub></i>		
	CO: 0,02 %		CO: 240 mg/Nm <sup>3</sup>
	NOx: 185 mg/Nm <sup>3</sup>		
	OGC: 10 mg/Nm <sup>3</sup>		
Emission of combustion products, reduced thermal power.	<i>13% de O<sub>2</sub></i>		
	CO: 0,02 %	CO: 245 mg/Nm <sup>3</sup>	
	NOx: 195 mg/Nm <sup>3</sup>		
	OGC: 10 mg/Nm <sup>3</sup>		
Thermal power.	PM: 18 mg/Nm <sup>3</sup>		
	18 kW nominal.		
	9,5 kW reduced.		
	2,5 kW nominal transferred to the environment.		
Energy efficiency (η).	15,5 kW nominal transferred to water.	EN 14785:2007	
	93,0 % a nominal thermal power.		
Flue gas temperatura (T).	95,0 % a reduced thermal power.		
	150 °C a nominal thermal power.		
Space heating seasonal energy efficiency (η <sub>s</sub> ).	70 °C a reduced thermal power.	ErP 2009/125/CE	
	90,2 %		

8. The benefits of the product identified in points 1 and 2 are in conformity with the declared benefits indicated in point 7.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed by the manufacturer and on its behalf by: Eladio Pérez Fernández. CEO.

01/03/2022 in Nigrán.

