

barbas.

EU-declaration of conformity

This EC declaration of conformity applies to the product described below and describes the conformity with the following directives:

2009/125/EC Directive for the setting of eco-design requirements for energy-related products (eco-design directive)

Relevant Regulation: (EU) 2015/1185

Declaration of Performance

No. 1.811.082-6 - CPR-2013/07/01

Unique identification code of the product type:	BOX 20 52 with wood log storage module
Intended use:	Space heating in residential buildings
Manufacturer:	Barbas Bellfires BV; Hallenstraat 17; 5531 AB Bladel; The Netherlands
System of AVCP:	3
Harmonised technical specifications:	EN 16510-2-1:2022
Notified body:	No. 1639

Essential characteristics

Mechanical resistance and stability	
Load bearing capacity	120 kg
Safety in case of fire - Protection of combustible materials	
Bottom (d _B):	0 cm
Floor in front (d _F):	20 cm
Ceiling (d _C):	75 cm
Rear (d _R):	30 cm
Side (d _S):	30 cm
Side radiation area (d _L):	90 cm
Front (d _P):	120 cm
Rear with installed heat shield (d _R):	5 cm
Hygiene, health and the environment	
Carbon monoxide emission (CO)	At nominal heat output 716 mg/m ³
Nitrogen oxides emission (NO _x)	74 mg/m ³
Emission of organic gaseous carbon (OGC)	58 mg/m ³
Particulate matter emission (PM)	34 mg/m ³
Safety and accessibility in use	
Data for installation to a chimney	
Flue gas outlet temperature	At nominal heat output 336 °C
Minimum flue draught	12 Pa
Flue gas mass flow	8.4 g/s
Fire safety of installation to the chimney	T400 G
Energy economy and heat retention	
Appliance's thermal heat output and energy efficiency	
At nominal heat output	
Space heat output	9.2 kW
Efficiency	77.6 %
Seasonal space heating efficiency	67.6 %
Energy efficiency index (EEI)	103
Energy efficiency class	A
Space heating efficiency	
At nominal heat output	
Electric power consumption	At nominal heat output NPD
	At part load heat output NPD
	Standby mode NPD
Sustainable use of natural resources	
Environmental sustainability	NPD

The performance of the product identified above is in conformity with the set of declared performances. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Danny Baijens, CEO



Bladel, The Netherlands
20 February 2026