

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. 1.814.081-8 - CPR-2013/07/01

Unique identification code of the product type:	BOX 20 75
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. 2013

Essential characteristics

Mechanical resistance and stability	Load bearing capacity 120 kg		
Safety in case of fire - Protection of combustible materials	Minimum distance to combustible materials Bottom (d _B): 0 cm Floor in front (d _F): 50 cm Ceiling (d _C): 75 cm Rear (d _R): 10 cm Side (d _S): 25 cm Side radiation area (d _L): 25 cm Front (d _P): 100 cm		
Hygiene, health and the environment	Carbon monoxide emission (CO) 1204 mg/m3 Nitrogen oxides emission (NO _x) 87 mg/m3 Emission of organic gaseous carbon (OGC) 76 mg/m3 Particulate matter emission (PM) 38 mg/m3	At nominal heat output 1204 mg/m3 87 mg/m3 76 mg/m3 38 mg/m3	At part load heat output 2888 mg/m3 87 mg/m3 286 mg/m3 52 mg/m3
Safety and accessibility in use	Flue gas outlet temperature 356 °C Minimum flue draught 12 Pa Flue gas mass flow 12.7 g/s Fire safety of installation to the chimney T400 G	Data for installation to a chimney At nominal heat output 356 °C 12 Pa 12.7 g/s	At part load heat output 257 °C 6.7 Pa 8.1 g/s
Energy economy and heat retention	Space heat output 10.7 kW Efficiency 77.8 % Seasonal space heating efficiency 67.8 % Energy efficiency index (EEI) 103 Energy efficiency class A	Appliance's thermal heat output and energy efficiency At nominal heat output 10.7 kW 77.8 % 67.8 % 103 A	At part load heat output 5 kW 71.2 % Space heating efficiency
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

09 April 2026