

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. 1.242.080-1 - CPR-2013/07/01

Unique identification code of the product type:	Cuatro-7 Compact 45
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 16510-2-2:2022
Notified body:	No. 1639

Essential characteristics

Mechanical resistance and stability			
	Load bearing capacity	N/A	
Safety in case of fire - Protection of combustible materials		Minimum distance to combustible materials	
	Bottom (d _B):	0 cm	
	Floor in front (d _F):	20 cm	
	Ceiling (d _C):	0 cm	
	Rear (d _R):	0 cm	
	Side (d _S):	0 cm	
	Side radiation area (d _L):	40 cm	
	Front (d _P):	100 cm	
	Insulation material:	10 cm plates with $\lambda \leq 0.1$ W/m.K	
Hygiene, health and the environment		At nominal heat output	At part load heat output
	Carbon monoxide emission (CO)	934 mg/m ³	1881 mg/m ³
	Nitrogen oxides emission (NO _x)	107 mg/m ³	109 mg/m ³
	Emission of organic gaseous carbon (OGC)	43 mg/m ³	206 mg/m ³
	Particulate matter emission (PM)	37 mg/m ³	48 mg/m ³
Safety and accessibility in use		Data for installation to a chimney	
		At nominal heat output	At part load heat output
	Flue gas outlet temperature	337 °C	282 °C
	Minimum flue draught	12 Pa	9 Pa
	Flue gas mass flow	7.0 g/s	6.4 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	At part load heat output
	Space heat output	6.4 kW	4.3 kW
	Efficiency	75.6 %	73.6 %
	Seasonal space heating efficiency	64.3 %	
	Energy efficiency index (EEI)	98	
	Energy efficiency class	A	
		At nominal heat output	At part load heat output
	Electric power consumption	0.064 kW	0.024 kW
			Standby mode
			0 kW
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

24 April 2026