

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. 1.241-081-4 - CPR-2013/07/01

Unique identification code of the product type:	Evolux 55-45
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. 2013

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):	80 cm	
	Ceiling (d _C):	0 cm	
	Rear (d _R):	0 cm	
	Side (d _S):	0 cm	
	Side radiation area (d _L):	80 cm	
	Front (d _P):	160 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)	1346 mg/m ³	2537 mg/m ³
	Nitrogen oxides emission (NO _x)	86 mg/m ³	87 mg/m ³
	Emission of organic gaseous carbon (OGC)	83 mg/m ³	240 mg/m ³
	Particulate matter emission (PM)	22 mg/m ³	40 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	326 °C	256 °C
	Minimum flue draught	12 Pa	6.7 Pa
	Flue gas mass flow	10.4 g/s	8.5 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	9.5 kW	5.6 kW
	Efficiency	78.2 %	78.2 %
	Seasonal space heating efficiency	67.4 %	Space heating efficiency
	Energy efficiency index (EEI)	103	
	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

28 April 2026