

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. 1.818.080-5 - CPR-2013/07/01

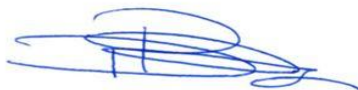
Unique identification code of the product type:	Unilux-7 45
Intended use:	Space heating in residential buildings
Manufacturer:	Barbas Bellfires BV; Hallenstraat 17; 5531 AB Bladel; The Netherlands
System of AVCP:	3
Harmonised technical specifications:	EN 16510-2-2:2022
Notified body:	No. 1639

Essential characteristics			
Mechanical resistance and stability		N/A	
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):		150 cm	
Ceiling (d _C):		0 cm	
Rear (d _R):		0 cm	
Side (d _S):		0 cm	
Side radiation area (d _L):		150 cm	
Front (d _P):		120 cm	
Insulation material:		10 cm plates with λ ≤ 0.1 W/m.K	
Hygiene, health and the environment		At nominal heat ouput	
Carbon monoxide emission (CO)		1171 mg/m3	
Nitrogen oxides emission (NO _x)		104 mg/m3	
Emission of organic gaseous carbon (OGC)		110 mg/m3	
Particulate matter emission (PM)		20 mg/m3	
Safety and accessibility in use		Data for installation to a chimney	
		At nominal heat output	
Flue gas outlet temperature		362 °C	
Minimum flue draught		12 Pa	
Flue gas mass flow		6.3 g/s	
Fire safety of installation to the chimney		T400 G minimum	
Energy economy and heat retention		Appliance's thermal heat output and energy efficiency	
		At nominal heat output	
Space heat output		6 kW	
Efficiency		75.8 %	
Seasonal space heating efficiency		65.8 %	
Energy efficiency index (EEI)		100	
Energy efficiency class		A	
		Space heating efficiency	
		At nominal heat output	
		At part load heat output	
		Standby mode	
Electric power consumption		N/A	
Sustainable use of natural resources		NPD	
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 June 2025