

# 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. 1.811.003-6 - CPR-2013/07/01

|                                                        |                                                                       |
|--------------------------------------------------------|-----------------------------------------------------------------------|
| <b>Unique identification code of the product type:</b> | Unilux-7 52                                                           |
| <b>Intended use:</b>                                   | Space heating in residential buildings                                |
| <b>Manufacturer:</b>                                   | Barbas Bellfires BV; Hallenstraat 17; 5531 AB Bladel; The Netherlands |
| <b>System of AVCP:</b>                                 | 3                                                                     |
| <b>Harmonised technical specifications:</b>            | EN 16510-2-2:2022                                                     |
| <b>Notified body:</b>                                  | No. 1639                                                              |

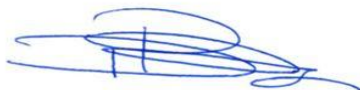
### Essential characteristics

|                                                                     |                                                              |
|---------------------------------------------------------------------|--------------------------------------------------------------|
| <b>Mechanical resistance and stability</b>                          |                                                              |
| Load bearing capacity                                               | N/A                                                          |
| <b>Safety in case of fire - Protection of combustible materials</b> |                                                              |
| Bottom ( $d_B$ ):                                                   | 0 cm                                                         |
| Floor in front ( $d_F$ ):                                           | 50 cm                                                        |
| Ceiling ( $d_C$ ):                                                  | 0 cm                                                         |
| Rear ( $d_R$ ):                                                     | 0 cm                                                         |
| Side ( $d_S$ ):                                                     | 0 cm                                                         |
| Side radiation area ( $d_L$ ):                                      | 50 cm                                                        |
| Front ( $d_P$ ):                                                    | 120 cm                                                       |
| Insulation material:                                                | 10 cm plates with $\lambda \leq 0.1$ W/m.K                   |
| <b>Hygiene, health and the environment</b>                          |                                                              |
|                                                                     | <u>At nominal heat output</u>                                |
| Carbon monoxide emission (CO)                                       | 716 mg/m <sup>3</sup>                                        |
| Nitrogen oxides emission (NO <sub>x</sub> )                         | 74 mg/m <sup>3</sup>                                         |
| Emission of organic gaseous carbon (OGC)                            | 58 mg/m <sup>3</sup>                                         |
| Particulate matter emission (PM)                                    | 34 mg/m <sup>3</sup>                                         |
| <b>Safety and accessibility in use</b>                              |                                                              |
|                                                                     | <u>At nominal heat output</u>                                |
| Flue gas outlet temperature                                         | 336 °C                                                       |
| Minimum flue draught                                                | 12 Pa                                                        |
| Flue gas mass flow                                                  | 8.4 g/s                                                      |
| Fire safety of installation to the chimney                          | T400 G                                                       |
| <b>Energy economy and heat retention</b>                            |                                                              |
|                                                                     | <b>Appliance's thermal heat output and energy efficiency</b> |
|                                                                     | <u>At nominal heat output</u>                                |
| Space heat output                                                   | 9.2 kW                                                       |
| Efficiency                                                          | 77.6 %                                                       |
| Seasonal space heating efficiency                                   | 67.6 %                                                       |
| Energy efficiency index (EEI)                                       | 103                                                          |
| Energy efficiency class                                             | A                                                            |
|                                                                     | <b>Space heating efficiency</b>                              |
|                                                                     | <u>At nominal heat output</u>                                |
|                                                                     | <u>At part load heat output</u>                              |
|                                                                     | <u>Standby mode</u>                                          |
| Electric power consumption                                          | NPD                                                          |
|                                                                     | NPD                                                          |
|                                                                     | NPD                                                          |
| <b>Sustainable use of natural resources</b>                         |                                                              |
| 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  
10 March 2026