

# 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. 1.231.080-1 - CPR-2013/07/01

|                                                        |                                                                       |
|--------------------------------------------------------|-----------------------------------------------------------------------|
| <b>Unique identification code of the product type:</b> | Cuatro-7 60-60                                                        |
| <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> |                                             | <b>Minimum distance to combustible materials</b>             |                                 |
|                                                                     | Bottom (d <sub>B</sub> ):                   | 0 cm                                                         |                                 |
|                                                                     | Floor in front (d <sub>F</sub> ):           | 80 cm                                                        |                                 |
|                                                                     | Ceiling (d <sub>C</sub> ):                  | 0 cm                                                         |                                 |
|                                                                     | Rear (d <sub>R</sub> ):                     | 0 cm                                                         |                                 |
|                                                                     | Side (d <sub>S</sub> ):                     | 0 cm                                                         |                                 |
|                                                                     | Side radiation area (d <sub>L</sub> ):      | 80 cm                                                        |                                 |
|                                                                     | Front (d <sub>P</sub> ):                    | 140 cm                                                       |                                 |
|                                                                     | Insulation material:                        | 10 cm plates with $\lambda \leq 0.1$ W/m.K                   |                                 |
| <b>Hygiene, health and the environment</b>                          |                                             | <b>At nominal heat output</b>                                |                                 |
|                                                                     | Carbon monoxide emission (CO)               | 1250 mg/m <sup>3</sup>                                       |                                 |
|                                                                     | Nitrogen oxides emission (NO <sub>x</sub> ) | 99 mg/m <sup>3</sup>                                         |                                 |
|                                                                     | Emission of organic gaseous carbon (OGC)    | 71 mg/m <sup>3</sup>                                         |                                 |
|                                                                     | Particulate matter emission (PM)            | 18 mg/m <sup>3</sup>                                         |                                 |
| <b>Safety and accessibility in use</b>                              |                                             | <b>Data for installation to a chimney</b>                    |                                 |
|                                                                     | Flue gas outlet temperature                 | 320 °C                                                       |                                 |
|                                                                     | Minimum flue draught                        | 12 Pa                                                        |                                 |
|                                                                     | Flue gas mass flow                          | 9.4 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> |                                 |
|                                                                     |                                             | <b>At nominal heat output</b>                                |                                 |
|                                                                     | Space heat output                           | 8.3 kW                                                       |                                 |
|                                                                     | Efficiency                                  | 76.3 %                                                       |                                 |
|                                                                     | Seasonal space heating efficiency           | 65.3 %                                                       |                                 |
|                                                                     | Energy efficiency index (EEI)               | 100                                                          |                                 |
|                                                                     | Energy efficiency class                     | A                                                            |                                 |
|                                                                     |                                             | <b>Space heating efficiency</b>                              |                                 |
|                                                                     |                                             | <b>At nominal heat output</b>                                | <b>At part load heat output</b> |
|                                                                     | Electric power consumption                  | 0.064 kW                                                     | 0.024 kW                        |
|                                                                     |                                             |                                                              | <b>Standby mode</b>             |
|                                                                     |                                             |                                                              | 0 kW                            |
| <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

24 April 2026