

# DECLARATION OF PERFORMANCE

according to Regulation (EU) 305/2011  
92-CPR-07.2013

|   |   |   |              |     |
|---|---|---|--------------|-----|
| 1.)   | Type  | TRIO  |              |     |
| 2.)   | Use of the construction product   | room heater in residential buildings                                      |              |     |
| 3.)   | Manufacturers   | RIKA Innovative Ofentechnik GmbH<br>Müllerviertel 20<br>A-4563 Micheldorf |              |     |
| 4.)   | Authorised representative   | Andreas Bloderer  |              |     |
| 5.)   | Systems of assessment and verification of constancy of performance of the construction product  | System 3  |              |     |
| 6.)   | The notified testing laboratory has carried out the initial test according to system 3. Notified body no.   | 0051  |              |     |
|   | Test report no.   | n.A.  |              |     |
| 7.)   | Harmonized technical specification  | EN 16510-2-1:2022   |              |     |
| 8.)   | <b>Essential characteristics</b>  |   |              |     |
|   | <b>Mechanical strength and stability</b>  |   |              |     |
|   | Carrying capacity   | 0 kg  |              |     |
|   | <b>Fire protection</b>  |   |              |     |
|   | Safety distance to combustible material<br>Minimum distance   | d <sub>R</sub> = rear   | 100 mm       |     |
|   |   | d <sub>S</sub> = side   | 100 mm       |     |
|   |   | d <sub>C</sub> = ceiling  | 750 mm       |     |
|   |   | d <sub>P</sub> = floor in front   | 800 mm       |     |
|   |   | d <sub>F</sub> = side   | 200 mm       |     |
|   |   | d <sub>L</sub> = side radiation area                                      | 200 mm       |     |
|   |   | d <sub>B</sub> = bottom   | 0 mm         |     |
|   |   | Material type and thickness of the protective insulation material         |              | NPD |
|   | <b>Hygiene, health, and environmental protection</b>  |   |              |     |
|   | <b>Emissions at nominal heat output at 13% O<sub>2</sub></b>  |   |              |     |
|   | Carbon monoxide (CO)  | <=1250 mg/Nm <sup>3</sup>   |              |     |
|   | Nitrogen (NO <sub>x</sub> )   | <=200 mg/Nm <sup>3</sup>  |              |     |
|   | Organic gaseous carbon (OGC)  | <=120 mg/Nm <sup>3</sup>  |              |     |
|   | Dust (PM)   | <=40 mg/Nm <sup>3</sup>   |              |     |
|   | <b>Emissions at reduced heat output at 13% O<sub>2</sub></b>  |   |              |     |
|   | Carbon monoxide (CO)  | <=1250 mg/Nm <sup>3</sup>   |              |     |
|   | Nitrogen (NO <sub>x</sub> )   | <=200 mg/Nm <sup>3</sup>  |              |     |
|   | Organic gaseous carbon (OGC)  | <=120 mg/Nm <sup>3</sup>  |              |     |
|   | Dust (PM)   | <=40 mg/Nm <sup>3</sup>   |              |     |
|   | <b>Safety and accessibility during use</b>  |   |              |     |
|   | <b>Data on installation on a chimney at nominal heat output</b>   |   |              |     |
|   | Temperature at the exhaust pipe   | ~ 220 °C  |              |     |
|   | Minimum delivery pressure   | 12 Pa   |              |     |
| Exhaust gas mass flow   | ~7,3 g/s  |   |              |     |
| <b>Data on installation on a chimney at reduced heat output</b>               |   |   |              |     |
| Temperature at the exhaust pipe   | ~ 200 °C  |   |              |     |
| Minimum delivery pressure   | 12 Pa   |   |              |     |
| Exhaust gas mass flow   | ~3,9 g/s  |   |              |     |
| <b>Data on installation on a chimney with regard to fire safety</b>           |   |   |              |     |
| Fire safety for installation on the chimney                                   | T400G   |   |              |     |
| <b>Energy savings and thermal insulation</b>                                  |   |   |              |     |
| <b>Heat output and energy efficiency of the device at nominal heat output</b> |   |   |              |     |
| Space heating capacity  | 8,0 kW  |   |              |     |
| Water heating capacity  | NPD   |   |              |     |
| Efficiency  | >=80 %  |   |              |     |
| <b>Heat output and energy efficiency of the device at reduced heat output</b> |   |   |              |     |
| Space heating capacity  | 4,0 kW  |   |              |     |
| Water heating capacity  | NPD   |   |              |     |
| Efficiency  | >=80 %  |   |              |     |
| <b>Space heating efficiency</b>   |   |   |              |     |
| Annual space heating efficiency at nominal heat output                        | >=70 %  |   |              |     |
| Energy efficiency   | Energy-Efficiency-Index (EEI)   |   | >=107 - <130 |     |
|   | Energy-Efficiency-Class   |   | A+           |     |
| Power consumption at nominal heat output                                      | - kW  |   |              |     |
| Power consumption at reduced heat output                                      | - kW  |   |              |     |
| Power consumption in standby mode   | - kW  |   |              |     |
| <b>Sustainable use of natural resources</b>                                   |   |   |              |     |
| Ecological sustainability   | NPD   |   |              |     |
| 9.)   | The performance of the above product corresponds to the declared performance/performances. The above-mentioned manufacturer is solely responsible for preparing the declaration of performance in accordance with Regulation (EU) No. 305/2011. |   |              |     |

Signed on behalf of the manufacturer

Andreas Bloderer / product management  
Micheldorf, 01.09.2025



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