

# PANADERO

DECLARATION OF PERFORMANCE NO. 48465

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| <p>1. Unique code identifying the type of product:<br/>- Product No. 48465 Name: BORNEO-S</p> <p>2. Intended use:<br/>- Heating of residential buildings</p> <p>3. Manufacturer:<br/>- PANADERO AB, S.L.U.<br/>- P.I CAMPOLLANO AVENIDA 5ª, 20-22 C.P. 02007 ALBACETE - SPAIN</p> | <p>4. Assessment and verification of constancy of performance system (EVCP):<br/>- SYSTEM 3</p> <p>5. Harmonised standard<br/>- EN 16510-2-1:2022</p> <p>6. Notified bodies and test report number<br/>- CEIS N° 1722<br/>- CEE-0031/25-1 17/02/2025</p> |
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| Key features  |                               | Declared performance                        |  |
|---|-------------------------------|---|--|
| <b>Mechanical endurance and stability</b>   |                               |   |  |
| Load-bearing capacity   |                               | 0 kg  |  |
| <b>Fire safety</b>  |                               |   |  |
| Protection of combustible materials   |                               | 0 mm  | Minimum distance to combustible materials - dB bottom                          |
|   |                               | 0 mm  | Minimum distance to combustible materials - Ground in the front dF             |
|   |                               | 1500 mm                                     | Minimum distance to combustible materials - Ceiling dC                         |
|   |                               | 700 mm                                      | Minimum distance to combustible materials - Rear dR                            |
|   |                               | 500 mm                                      | Minimum distance to combustible materials - Side dS                            |
|   |                               | 0 mm  | Minimum distance to combustible materials - Lateral radiation zone dL          |
|   |                               | 1500 mm                                     | Minimum distance to adjacent combustible materials (e.g. leather furniture) dP |
|   |                               | NPD   | Type and thickness of protective insulation material                           |
| <b>Hygiene, health and environment</b>  |                               |   |  |
| Emissions at nominal heat output  |                               | Partial load emissions                      |  |
| Emission of carbon monoxide (CO)  | 1250 mg/m <sup>3</sup>        | Emission of carbon monoxide (CO)            | NPD  |
| Emission of nitrogen oxides (NOx)   | 160 mg/m <sup>3</sup>         | Emission of nitrogen oxides (NOx)           | NPD  |
| Emission of gaseous organic compounds (GOC)   | 70 mg/m <sup>3</sup>          | Emission of gaseous organic compounds (GOC) | NPD  |
| Particulate matter (PM) emissions   | 30 mg/m <sup>3</sup>          | Particulate matter (PM) emissions           | NPD  |
| <b>Safety and accessibility in use</b>  |                               |   |  |
| Data for installation in a chimney  |                               |   |  |
| At nominal heat output  |                               | At partial load nominal heat output         |  |
| Flue gas outlet temperature   | 230 °C                        | Flue gas outlet temperature                 | NPD  |
| Minimum chimney draught   | 12 Pa                         | Minimum chimney draught                     | NPD  |
| Flue gas mass flow rate   | 6,2 g/s                       | Flue gas mass flow rate                     | NPD  |
| Data for the installation of a chimney in relation to fire safety during heat output test |                               |   |  |
| Fire safety from installation to chimney  |                               | T400 G                                      |  |
| <b>Energy economy and heat retention</b>  |                               |   |  |
| Appliance heat output and energy efficiency   |                               |   |  |
| At nominal heat output  |                               | At partial load heat output                 |  |
| Heating power   | 5,8 kW                        | Heating power                               | NPD  |
| Water heating power, if applicable  | NPD                           | Water heating power, if applicable          | NPD  |
| Efficiency  | 80,7 %                        | Efficiency                                  | NPD  |
| Heating efficiency  |                               |   |  |
| Seasonal heating efficiency at the nominal heat output of the appliance                   |                               | 70,7 %                                      |  |
| Energy efficiency   | Energy Efficiency Index (EEI) |   | 107  |
|   | Energy efficiency class       |   | A+   |
| Electric energy consumption at nominal heat output  |                               | 0 kW  |  |
| <b>Sustainable use of natural resources</b>   |                               |   |  |
| Environmental sustainability  |                               | NPD   |  |

The performance of the product identified above is in conformity with the declared set of performance. 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:

Antonio Molina Marcilla, Manager  
In Albacete, on 6 of Marzo of 2025



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