

# DECLARATION OF PERFORMANCE

No. 511 DoP

1. Unique identification code of the product-type: **IDA Top connection / Ida High connection**

2. Type, batch or serial number or any other element allowing identification of the construction product:

**IDA Top connection / Ida High connection**

3. Intended use or uses of the construction product: **Capacitive fireplace**

4. Manufacturer: **Linnatuli Oy, Yrjönalhontie 13, FI-21420 Lieto**  
**E-mail: linnatuli@linnatuli.fi**

6. System or systems of assessment and verification of constancy of performance of the construction product:  
**AVCP 3**

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

Notified factory **SGS Nederland BV** production control certification body **No. 0608** carried out testing of the product by the standard EN 15250 (Test report EZKA/2015-02/00039-1).

9. Declared performance

| Essential characteristics                 | Performance  | Harmonized technical specification |
|---|--|------------------------------------|
| Fire safety                               | Pass   | EN 15250:2007                      |
| Minimum distance to combustible materials | Side wall: 100 mm<br>Back wall: 50 mm<br>Ceiling: 100 mm<br>Front: 1000 mm |                                    |
| Mean concentrations at 13% O <sub>2</sub> | CO: 0.08 vol%  |                                    |
|   | NO <sub>x</sub> : 100 mg/m <sub>0</sub> <sup>3</sup>                       |                                    |
|   | C <sub>x</sub> H <sub>y</sub> : 33 mg/m <sub>0</sub> <sup>3</sup>          |                                    |
|   | Dust: 34 mg/m <sub>0</sub> <sup>3</sup>                                    |                                    |
| Release of dangerous substances           | Pass   |                                    |
| Flue gas temperature                      | 156 °C   |                                    |
| Total efficiency                          | 86.6 %   |                                    |
| Total heat output                         | 139 MJ (39 kWh)  |                                    |
| Heat storage capacity                     | 100 %: 5.4 h<br>50 %: 11 h<br>25 %: 23 h                                   |                                    |
| Surface temperature                       | Pass   |                                    |
| Test fuel                                 | Wood logs  |                                    |
| Maximum amount of fuel                    | 9.5 kg (6 kg + 3.5 kg)   |                                    |

Capacitive fireplaces flue at least T450. Maximum flue gas temperature in temperature safety test 302 °C.

10. Signed for and on behalf of the manufacturer by:

Lieto 10/08/2017

  
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Ville Seppälä  
Product Development Manager