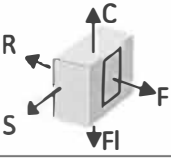


## Declaration of performance

### According to Regulation (EU) No. 305/2011

### N. EK218

|  |   |
|--|---|
| 1. Unique identification code of the product-type  | <b>BLADE2 H 18 UP</b>   |
| 2. Intended uses of the product in accordance with the applicable harmonized technical specification | Appliance for domestic heating, fuelled with wood pellet, with hot water production                   |
| 3. Name or trade mark of the manufacturer (Article 11-5)   | EDILKAMIN S.p.A.<br>Via Mascagni, 7 – 20045 Lainate (MI) Italy<br>tel. 02 937621 – mail@edilkamin.com |
| 4. Name and address of the agent (Article 12-2)  |   |
| 5. Assessment and verification system for constancy of performance (Annex 5)                         | System 3  |
| 6a. Harmonized technical specification   | EN 14785:2006   |
| Laboratory notified  | ACTECO Srl – NB1880   |
| 7. Declared performance  |   |

| Essential characteristics                                  | Performance  |                                |
|--|--|--------------------------------|
| Reaction to fire   | A1   |                                |
| Distance to combustible materials (minimum distance in mm) | <div style="display: flex; align-items: center;"> <div style="margin-right: 20px;">  </div> <div>           Rear = 0<br/>           Sides = 50<br/>           Front = 1000<br/>           Ceiling = NPD<br/>           Floor = NPD         </div> </div> |                                |
| Risk of burning fuel falling out                           | Pass   |                                |
| Emission of combustion products                            | Rated fuel load  | Reduced fuel load              |
| CO (ref. at 13% O <sub>2</sub> )                           | 61 mg/Nm <sup>3</sup> - 0,005%   | 31 mg/Nm <sup>3</sup> - 0,002% |
| NO <sub>x</sub> (ref. at 13% O <sub>2</sub> )              | 96 mg/Nm <sup>3</sup>  | 95 mg/Nm <sup>3</sup>          |
| OGC (ref. at 13% O <sub>2</sub> )                          | 1 mg/Nm <sup>3</sup>   | 1 mg/Nm <sup>3</sup>           |
| Particulate matter (ref. at 13% O <sub>2</sub> )           | 14 mg/Nm <sup>3</sup>  | 10 mg/Nm <sup>3</sup>          |
| Surface temperature  | Pass   |                                |
| Electrical safety  | Pass   |                                |
| Cleanability   | Pass   |                                |
| Maximum operating pressure                                 | 3 bar  |                                |
| Mechanical resistance (to carry a chimneyflue)             | NPD  |                                |
| Thermal output   | Rated fuel load  | Reduced fuel load              |
| Nominal heat output  | 19,2 kW  | 5,4 kW                         |
| Nominal space heating output                               | 3,7 kW   | 1,1 kW                         |
| Nominal boiler output (to water)                           | 15,5 kW  | 4,3 kW                         |
| Energy efficiency  | 91,7 %   | 93,8 %                         |
| Flue gas temperature                                       | T[138°C]   | T[74°C]                        |

8. Test report number (based on System 3) 1880-CPR-090-001-21

The performance of the product identified in point 1 is in conformity with the declared performance in points 6a and 7  
 This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

Lainate, 06/12/2021

Signed for and on behalf of Edilkamin S.p.A. by:

Directeur Général  
 Paolo Gusella

