

## DECLARATION OF PERFORMANCE

Declaration of performance according to Regulation (EU) 305/2011

**n. 044CPR13.07**

- Unique identification code of the product type:  
019-00-001A, residential space heating appliance, with water, fired by wood pellets  
EN 14785:2006
- Type, batch or serial number or any other element allowing identification of the construction product as required under Art. 11 (4):  
HRV160 MY2014
- Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:  
Residential space heating appliance, with water, fired by wood pellets
- Name, registered trade name or registered trade mark and contact address of the manufacturer as required by Art. 11 (5):  
Ravelli s.r.l.  
Via A. Kupfer, 31  
25036 Palazzolo s/O (Bs) Italia
- Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12 (2):  
---
- System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:  
System 3
- In case of the declaration of performance concerning a construction product covered by a harmonised standard:  
The notified laboratory IMQ Primacontrol Srl (NB 1881) performed the determination of the product type on the basis of type testing under system 3 and issued test report CPR-14-019
- Declared performance

Harmonized technical specification:	EN 14785:2006
Essential characteristics	Performance
Fire safety	
Reaction to fire	A1
Distance to combustible materials	Minimum distances (mm): rear = 200 sides = 200 front = 1000 ceiling = --- floor = ---
Risk of burning fuel falling out	Pass
Emission of combustion products (at 13% of O <sub>2</sub> )	Nominal heat output CO 0,012 % NOx 130 mg/Nm <sup>3</sup> OGC 5 mg/Nm <sup>3</sup> PM 12 mg/Nm <sup>3</sup>  Reduced heat output CO 0,032 % OGC 10 mg/Nm <sup>3</sup>
Surface temperature	Pass
Electrical safety	Pass
Cleanability	Pass
Maximum operating pressure	2 bar
Flue gas temperature at nominal heat output	190 °C
Mechanical resistance (to carry a chimney/flue)	NPD
Nominal heat output	21 kW
Room heating output	3,5 kW
Water heating output	17,5 kW
Efficiency	η 90 % Nominal heat output η 94 % Reduced heat output

- The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer \_\_\_\_\_ Stefano Ravelli, CEO \_\_\_\_\_ (name and title)

Place \_\_\_\_\_ Palazzolo s/O \_\_\_\_\_ Date \_\_\_\_\_ 21/5/2014 \_\_\_\_\_ Sign 