

DECLARATION OF PERFORMANCE

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

n. 048CPR13.07

- Unique identification code of the product type:
020-00-001A, 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):
HRB 120
- 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):
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- 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 KIWA Italia S.p.a. (NB 0694) performed the determination of the product type on the basis of type testing under system 3 and issued test report 132170104
- 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 = 300 sides = 300 front = 1000 ceiling = — floor = ---
Risk of burning fuel falling out	Pass
Emission of combustion products (at 13% of O ₂)	Nominal heat output CO 0.011 % NOx 138.8 mg/Nm ³ OGC 2.0 mg/Nm ³ PM 18.9 mg/Nm ³ Reduced heat output CO 0.051 % OGC 14.3 mg/Nm ³
Surface temperature	Pass
Electrical safety	Pass
Cleanability	Pass
Maximum operating pressure	2 bar
Flue gas temperature at nominal heat output	133 °C
Mechanical resistance(to carry a chimney/flue)	NPD
Nominal heat output	12.9 kW
Room heating output	2.0 kW
Water heating output	10.8 kW
Efficiency	η 91.9 % Nominal heat output η 93.7 % 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 _____ 28-11-2014 _____

Sign _____

