

## DECLARATION OF PERFORMANCE

according to Regulation EU N°305/2011  
N° JM00158-CPR-2018/06/26

1. Unique Identification Code of the Product-Type:  
**BRERA 20 kW, Solid Fuel domestic Heating Appliance according to the standards:  
EN 14785:2006**
2. Type, Batch or serial N° or any other element allowing identification of the construction product as required pursuant to Art. 11(4)::  
**BRERA 20 kW, with Lot/Machine Serial N° reported on I.D. Plate**
3. Intended use(s) of the Construction Product, in accordance with the applicable harmonised technical specification, as foreseen by the Manufacturer:  
**Appliance fueled with solid combustible (pellet)**
4. Name, registered Trade Mark and Contact Address of the Manufacturer as required pursuant to Article 11(5):  
**Jolly Mec Caminetti S.p.A.  
Via San Giuseppe, 2 Telgate (BG) 24060 - ITALY**
5. System(s) of Assessment and Verification of Constancy of Performance of the Construction Product as set out in Annex 5:  
**System 3 and System 4**
6. In case of the Declaration of Performance concerning a Construction Product covered by a harmonised Standard:  
**The notified body TÜV Rheinland Energie und Umwelt GmbH N°2456 determined the Product Type according to SYSTEM 3 and issued the related  
Test Reports K23592018T1**
7. Declared performance (Pellet):

Essential Characteristics	Performance	Harmonised technical Specifications
<b>Fire Safety</b>		
Reaction to Fire	A1	EN 14785:2006
Safety Distance from inflammable Materials	Minimal Distance (mm): • Rear = 100 • Side = 150 • Ceiling = NPD • Front = 1000 • Floor = 0	EN 14785:2006
Risk of glowing embers Overflow	In conformity with Standards	EN 14785:2006
<b>Emission of combustion derivatives</b>		
At nominal heat output		
CO@13% O <sub>2</sub>	[0,005 %]	EN 14785:2006
CO@13% O <sub>2</sub>	[61 mg/Nm <sup>3</sup> ]	
NO <sub>x</sub> @13% O <sub>2</sub>	[132 mg/Nm <sup>3</sup> ]	
OGC @13% O <sub>2</sub>	[6 mg/Nm <sup>3</sup> ]	
PM @13% O <sub>2</sub>	[16 mg/Nm <sup>3</sup> ]	
At reduced heat output		
CO@13% O <sub>2</sub>	[0,019 %]	
CO@13% O <sub>2</sub>	[231 mg/Nm <sup>3</sup> ]	
OGC @13% O <sub>2</sub>	[7 mg/Nm <sup>3</sup> ]	
Surface Temperature	In conformity with Standards	EN 14785:2006
Electrical safety	In conformity with Standards	EN 60335-2-102:2007/A1:2011
Cleanability	In conformity with Standards	EN 14785:2006
Maximal water working pressure	2,5 bar	EN 14785:2006
<b>Average flue gas temperature</b>		
At nominal heat output	T [127,3 °C]	EN 14785:2006
Mechanical Resistance (as support to the fireplace/chimney flue)	NPD	-
<b>Thermal output</b>		
Nominal heat output	20,5 kW	EN 14785:2006
Space heat output	3,0 kW	
Water heat output	17,5 kW	
<b>Efficiency</b>		
At nominal heat output	η [93,4 %]	EN 14785:2006
At reduced heat output	η [93,6 %]	

8. The Performance of the Product identified in points 1 and 2 is in conformity with the declared performance in point 7.

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 by:

Telgate, 26/06/ 2018

Emilio Manenti (President)

(Sign)



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