

# Declaration of Performance according to Regulation (EU) 305/2011

No. 00004-CPR-2014/08/06

1) Unique identification code of the product-type:

Roomheater burning solid fuel *without* hot water supply EN 13240:2001/A2:2004/AC:2007

2) Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11 : "*Model Trenk*"

Fireplace stoves burning wood made by PLAMEN d.o.o, are designed for heating and additional heating of residential and social rooms, i.e. standard environment without the explosion hazard and the presence of volatile substances. The fireplace stoves are designed for interrupted operation.

## **Basic technical parameters**

Type	Main dimensions (mm)			Nominal power output (kW)	Fuel consumption - wood (kg/hour)	Diameter of the uptake (mm)	Operational draught (Pa)
	Width	Height	Depth				
Trenk	653	747	344	8,0	2,7	120	12

3) Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Roomheater burning solid fuel *without* hot water supply

Appliances are determined for intermittent operation. According to ČSN EN 13240/A2 Table 1 - "Sorting of appliances" it concerns products 1a.

4) Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant Article 11 :

PLAMEN d.o.o.  
Njemačka 36, 34000 Požega  
Croatia

5) Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12 : "*No representative appointed*"

6) System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 3 (Annex V, Clause 1.4 of Regulation 305/2011 of the European Parliament and of the Council of 9 March 2011)

7) The Declaration of Performance concerning a construction product covered by a harmonised standard:

(ČSN)EN 13240:2001 /A2:2004/AC:2007

The assessment acc. to System 3 has been carried out by Strojírenský zkušební ústav, s.p., Hudcova 424/56b, 621 00 Brno, Notified Body 1015, which issued the Report on Initial Type Testing 30-11256 of 2011-06-30.

8) Declared performance

<b>Harmonized technical specification</b>	<b>EN 13240:2001/A2:2004/AC:2007</b>
<b>Essential characteristics</b>	<b>Performance</b>
<b>Fire safety</b>	
Reaction to fire	A1
Distance to combustible materials	Minimum distances, in mm rear = 450 sides = 450 ceiling = 500 front = 1200 floor = 800
Risk of burning fuel falling out	Pass
<b>Emission of combustion products</b>	CO[0.263 %]
<b>Surface temperature</b>	Pass
<b>Electrical safety</b>	Pass
<b>Cleanability</b>	Pass
<b>Maximum operating pressure</b>	-
<b>Flue gas temperature at nominal heat output</b>	T [305,7 °C]
<b>Mechanical resistance (to carry a chimney/flue)</b>	NPD
<b>Thermal output</b>	
Nominal heat output	8,0 kW
Room heating output	8,37 kW
Water heating output	-
<b>Energy efficiency</b>	[74,1 %] $\eta$

9) 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 by:

Igor Ujaković, head of product development

.....  
(name and function)

Požega, 06.08.2014



.....  
(place and date of issue) (signature)