

Declaration of features under Regulation (EU) 305/2011

F-02-4-003

1. The unique identification code of the product type:

Solid fuel equipment without hot water supply EN 13229:2001/A2:2004/AC:2007

2. Type, series or serial number or other element allowing identification of the construction products:

Fireplace inserts for solid fuel type designation LIVORNO, designed for intermittent operation - classification of the fireplace inserts: 1, according to Table 1 EN 13229/A2.

Basic technical data of stoves:

Type	Dimensions (mm)			Rated power (kW)	Fuel consumption (kg/h)		Flue (mm)	Operating move (Pa)
	height	length	depth		wood	brown coal briquettes		
LIVORNO	674	821	547	11,5	3,75	2,37	150	12

Further information can be found in the catalogue of producer THORMA Výroba, k.s., SK – Fíľakovo.

3. The intended use of the construction product in accordance with the relevant harmonized technical specification:

Fireplace inserts for solid fuel type designation LIVORNO, are designed for reheating and heating of residential areas and banquet halls. The product is intended for intermittent operation - classification of fireplace inserts 1, according to Table 1 EN 13229/A2.

4. Name, company, or registered trademark and contact address of the manufacturer:

Company: THORMA Výroba, k.s.
 Registered office: Šávoľská cesta 1, 986 01 Fíľakovo
 Slovak republic
 ID: 36030538
 Tel.: +421474511537
 Fax: +421474382289
 E-mail: sales@thorma.sk

5. The system of assessment and verification of constancy of performance of construction products:

System 3 (annex V, point 1.4 Regulation of the European Parliament and of the Council (EU) no. 305/2011 of the day 9. 3. 2011).

6. Products are covered by a harmonized standard:

EN 13229:2001 /A2:2004/AC:2007, assessment under the 3, made by Strojírenský zkušební ústav, s.p., Hudcova 424/56b, CZ - 621 00 Brno, notified body has issued a report in 1015 on the initial examination of type no. 30-12458 of the day 11.09.2014.

7. Declared features specified in the declaration apply to all products listed in paragraph 2:

Harmonized technical specification	EN 13229:2001/A2:2004/AC:2007
Main features	features
Fire safety	
Reaction of fire	A1
Distance from flammable materials	Minimal distance, in mm rear wall = 400 side walls = 400 ceiling = 800 front wall = 800
Risk of burning fuel falling	Pass
The emissions	CO [wood=0,1%, brown coal briquettes=0,32%]
The surface temperature	Pass
Electrical safety	Pass
Clean ability	Pass
Max. operational pressure	Pass
Flue gas temperature at rated thermal output	T [wood=386°C, brown coal briquettes=358°C]
Mechanical resistance (load flue connection)	NPD
Heat output	
Nominal output	wood=11,5 kW, brown coal briquettes=8,5 kW
Space heating performance	wood=11,5 kW, brown coal briquettes=8,5 kW
Heat capacity of water	Pass
Energy efficiency	η [wood=76,4%, brown coal briquettes=55,8%]

8. Product features (of the product) of paragraph 1 and 2 are consistent with the characteristics listed in Section 8.

The declaration of features is issued under the sole responsibility of the manufacturer referred to in paragraph 4.

Signed for and on behalf of the manufacturer:

Dipl. Ing. Milan Kováč, director
(name and position)

Fíľakovo, 27.01.2016

(venue and issuing date)


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(signature)

„NPD“ (No Performance Determined)