

**Declaration of performance in accordance with Regulation (EU) No. 305/2011
of the European Parliament and of the Council**

No.: TV-DoP-2025-15/EN

1. Unique product type identification code:

Solid fuel stove (wood and brown coal briquettes) **LYON** and its design variants are appliances without a hot water supply, i.e. without an indirect heating function. Stoves meet the requirements of harmonized standards ČSN EN 16510-1 ed.2:2024, ČSN EN 16510-2-1:2025.

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

LYON solid fuel stove and its design variants are designed for intermittent operation. The stoves have one heat output level, without room temperature control.

Basic technical data for solid fuel stoves - wood and brown coal briquettes (BCB):

Type	Main dimensions (mm)			Nominal output (kW)		Fuel consumption (kg/h)		Diameter of flue gas (mm)	Operating pressure (Pa)	
	Height	Width	Depth	Wood	BCB	Wood	BCB		Wood	BCB
LYON, type no. F 1460 Z	878	311	311	6.5		1.9	1.6	120	12	13
METZ, type no. F 1460 A	875,5	386	349							

* Design variants differ only in their design.

Other data is provided in the catalogue of the manufacturer THORMA Výroba s.r.o., SK — Fil'akovo.

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

LYON solid fuel stove and its design variants are designed for supplementary reheating and heating of residential and communal rooms.

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

Company name: **THORMA Výroba s.r.o.**
Company registered office: **Šávol'ska cesta 1, 986 01 Fil'akovo, Slovak Republic**
Company ID No.: **36030538**
Telephone: **+421474511537**
Fax: **+421474382289**
E-mail: sales@thorma.sk

5. System for assessing and verifying the constancy of performance of construction products:

In accordance with harmonized standard EN 16510-2-1:2022, Annex ZA, Table ZA.2, System 3 applies to stoves.

6. The product is subject to the following harmonized standards:

ČSN EN 16510-1 ed.2:2024, ČSN EN 16510-2-1:2025 and assessment under System 3 was performed by Engineering Testing Institute, Public Enterprise, Hudcova 424/56b, CZ-621 00 Brno, notified body 1015 and issued:

- PROTOCOL on initial type examination of the product No. 30-17349/15/T, dated 2025-04-15
- PROTOCOL on assessment of properties, No. 1015-AoP-30-17349/15/TZ, dated 2025-04-25
- TEST CERTIFICATE, No. 0-B-00083-25, dated 2025-04-16

7. The declared properties stated in the declaration apply to all products listed in point 2:

Harmonized technical specification	ČSN EN 16510-1 ed.2:2024, ČSN EN 16510-2-1:2025		
Basic characteristics	Properties		
Fire safety - Reaction to fire	A 1		
Protection of flammable materials	Minimum distance from flammable materials [mm]		
	Front floor	1500	
	Ceiling	>750	
	Rear wall	200	
	Side	200	
	Side radiation area	1500	
	Minimum distance from flammable materials	600	
Risk of burning fuel falling out	Requirement met		
Combustion emissions	Parameter	Wood	BCB
	CO (13% O2) [mg/Nm³]	630	1110
	PM (13% O2) [mg/Nm³]	35	33
	OGC (13% O2) [mg/Nm³]	24	49
	Nox (13% O2) [mg/Nm³]	104	187
Surface temperature	Requirement met		
Electrical safety	NPD		
Cleanability	Requirement met		
Max. working pressure	NPD		
Mechanical resistance (load capacity of the exhaust pipe)	Requirement met		
Safety and accessibility during use	Wood	BCB	
Exhaust gas outlet temperature	292 °C	265 °C	
Minimum chimney draft	12 Pa	13 Pa	
Exhaust gas mass flow	4.9 g/s	7.9 g/s	
Energy and heat savings			
Heat flow into the room	6.5 kW	6.5 kW	
Heat flow into the water	NPD		
Heating efficiency	84 %	78 %	
Seasonal heating efficiency	74 %	68 %	
Energy efficiency index - EEI	112	103	
Energy efficiency classification - class	A+	A	
Electricity consumption	NPD		
Energy consumption in standby mode	NPD		

8. The characteristics of the products listed in points 1 and 2 are in accordance with the characteristics listed in point 7, and their parameters comply with Commission Regulation (EU) 2015/1185 of 24 April 2015 (Ecodesign requirements for local solid fuels space heaters):

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:

Ing. Jaroslav Matúz, Director and Executive Officer
(name and position)



Fil'akovo, 2025-09-30 (place and date of issue)

"NPD" (No Performance Determined) - the requirement does not apply to the product in question