

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

No.: TV-DoP-2025-12/EN

1. Unique product type identification code:

Wood stove **KERPEN II AT** 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:

KERPEN II AT wood 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 wood stoves:

Type	Main dimensions (mm)			Nominal output (kW)	Fuel consumption (kg/h)	Diameter of flue gas (mm)	Operating pressure (Pa)
	Height	Width	Depth		Wood		
KERPEN II AT, type no. F 1452 E	881	288	333	5.5	1.7	120	11
MILANO II AT, type no. F 1451 P*	890	378	357				
VIGSO II AT, type no. F 1451 A*	1160	370	298				
VERONA AT, type no. F 1451 J*	884	378	347				
BOZEN AT, type no. F 1451 H*	910	326	326				
MERANO AT, type no. F 1451 X*	878	450	344				
MERAN AT, type no. F 1451 R*	884	450	344				
MERAN II AT, type no. F 1451 Y*	884	450	344				
PETER AT, type no. F 1451 F*	906	326	330				
WORKSHOP 2U4P AT, type no. F 1452 F*	881	288	333				
FAIRY AT, type no. F 1452 A*	937	386	350				
BOLZANO AT, type no. F 1452 C*	887	450	344				
BRIXEN AT, type no. F 1451 T*	1118	450	333				

* 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:

KERPEN II AT wood 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. 30-17349/12/T, dated 2025-04-15
- PROTOCOL on assessment of properties, No. 1015-AoP-30-17349/12/TZ, dated 2025-04-25
- TEST CERTIFICATE, No. 0-B-00080-25, dated 2025-04-16

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

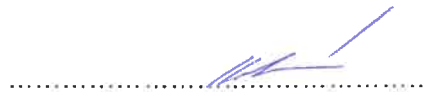
Harmonized technical specification	ČSN EN 16510-1 ed.2:2024, ČSN EN 16510-2-1:2025	
Basic characteristics	Properties	
Fire safety - Reaction to fire	A 1	
Protection of flammable materials	Minimum distance from flammable materials [mm]	
	Front floor	1500
	Ceiling	>750
	Rear wall	KERPEN II AT, PETER AT, WORKSHOP 2U4P AT, BOZEN AT = 400, MILANO II AT, VERONA AT, VIGSO II AT, MERANO AT, MERAN AT, MERAN II AT, FAIRY AT, BOLZANO AT, BRIXEN AT = 200
	Side	KERPEN II AT, PETER AT, WORKSHOP 2U4P AT, BOZEN AT = 400, MILANO II AT, VERONA AT, VIGSO II AT, MERANO AT, MERAN AT, MERAN II AT, FAIRY AT, BOLZANO AT, BRIXEN AT = 200
	Side radiation area	1500
	Minimum distance from flammable materials	800
Risk of burning fuel falling out	Requirement met	
Combustion emissions	Parameter	Fuel: Wood
	CO (13% O2) [mg/Nm³]	1005
	PM (13% O2) [mg/Nm³]	31
	OGC (13% O2) [mg/Nm³]	79
	NOx (13% O2) [mg/Nm³]	94
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		
Exhaust gas outlet temperature	329 °C	
Minimum chimney draft	11 Pa	
Exhaust gas mass flow	4.9 g/s	
Energy and heat savings		
Heat flow into the room	5.5 kW	
Heat flow into the water	NPD	
Heating efficiency	80 %	
Seasonal heating efficiency	70 %	
Energy efficiency index - EEI	106	
Energy efficiency classification - class	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)



Fiľakovo, 2025-09-30 (place and date of issue)

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

