

**Rapporto/Report No. K 3741 2025 B4 rev-1**

Decreto 7 Novembre 2017, n. 186  
Certificazione ambientale del generatore di  
calore

Type:  
**ECOFIRE THEO TCA 6**  
**ECOFIRE THEO TCA 6 US**  
**ECOFIRE THEO TCA 9**  
**ECOFIRE THEO TCA 9 US**  
**ECOFIRE THEO TCA 9 Pro 2**  
**ECOFIRE THEO TCA 9 US Pro 2**

Marchio commerciale / Trademark:  
**Palazzetti**

Produttore / Manufacturer:  
**PALAZZETTI LELIO S.p.A.**



Deutsche  
Akkreditierungsstelle  
D-PL-11120-04-00

This accreditation is valid only for the listed standards as stated in the accreditation annex of D-PL-11120-04-00

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**The test results presented in this report refer solely to the test object stated as described on page 2. The report does not represent a general statement about the serial production of the test object and gives not an authorization for use of a TÜV Rheinland test- / certification mark.**

**Decreto 7 Novembre 2017, n. 186**  
**Certificazione ambientale del generatore di calore**

Produttore / *Manufacturer*: **PALAZZETTI LELIO S.p.A.**  
Via Roveredo, 103  
33080 Porcia (PN) - Italy

Marchio commerciale / *Trademark*: **Palazzetti**

Tipo / *Type*: **ECOFIRE THEO TCA 6,  
ECOFIRE THEO TCA 6 US  
ECOFIRE THEO TCA 9,  
ECOFIRE THEO TCA 9 US  
ECOFIRE THEO TCA 9 Pro 2,  
ECOFIRE THEO TCA 9 US Pro 2**

Tipologia prodotto / *Product type*: Stufa a pellets di legna / Wood pellet stove

Norma di riferimento / *Reference standard*: EN 16510-2-6:2022\*

Ente Notificato CPR/ Notified body acc. CPR NB 2456

Rapport di prova di riferimento / *Reference test reports*: K 3741 2025 Z1  
K 3741 2025 B2

Potenza termica nominale / *Nominal heat output*: see page 3

Combustibile di prova / *Test fuel*: Pellet di legna / *Wood pellet*

\*) Sostituisce la EN 14785:2006 (Decisione di Esecuzione (UE) 2023/2461 della Commissione del 7 novembre 2023)  
*Supersedes EN 14785:2006 (Commission Implementing Decision (EU) 2023/2461 of 7 November 2023)*

<b>Types designation</b>	<b>Heat input (kW)</b>	<b>Heat output (kW)</b>
ECOFIRE THEO TCA 6 ECOFIRE THEO TCA 6 US	2,7-6,6	2,5-6,0
ECOFIRE THEO TCA 9 ECOFIRE THEO TCA 9 US ECOFIRE THEO TCA 9 Pro 2 ECOFIRE THEO TCA 9 US Pro 2	2,7-10,2	2,5-9,0

ECOFIRE THEO TCA 6, ECOFIRE THEO TCA 6 US					
Prestazioni del generatore di calore <i>Performances of the heating appliance</i>		Classi di prestazione / <i>Performance classes</i>			
		5 stelle / 5 stars	4 stelle / 4 stars	3 stelle / 3 stars	2 stelle / 2 stars
PP mg/Nm <sup>3</sup>	7	15	20	30	50
COT mg/Nm <sup>3</sup>	2	10	35	50	80
NO <sub>x</sub> mg/Nm <sup>3</sup>	99	100	160	200	200
CO mg/Nm <sup>3</sup>	39	250	250	364	500
η %	90	88	87	85	85
Nota: tutti i valori di concentrazione calcolati al 13% di O <sub>2</sub> in condizioni normali (273 K, 1013 mbar, gas secco) <i>Note: all the concentration values are calculated at 13% of O<sub>2</sub> in normal conditions (273 K, 1013 mbar, dry gas)</i>					

ECOFIRE THEO TCA 9, ECOFIRE THEO TCA 9 US ECOFIRE THEO TCA 9 Pro 2, ECOFIRE THEO TCA 9 US Pro 2					
Prestazioni del generatore di calore <i>Performances of the heating appliance</i>		Classi di prestazione / <i>Performance classes</i>			
		5 stelle / 5 stars	4 stelle / 4 stars	3 stelle / 3 stars	2 stelle / 2 stars
PP mg/Nm <sup>3</sup>	10	15	20	30	50
COT mg/Nm <sup>3</sup>	1	10	35	50	80
NO <sub>x</sub> mg/Nm <sup>3</sup>	87	100	160	200	200
CO mg/Nm <sup>3</sup>	10	250	250	364	500
η %	88	88	87	85	85
Nota: tutti i valori di concentrazione calcolati al 13% di O <sub>2</sub> in condizioni normali (273 K, 1013 mbar, gas secco) <i>Note: all the concentration values are calculated at 13% of O<sub>2</sub> in normal conditions (273 K, 1013 mbar, dry gas)</i>					

Sulla base delle prestazioni indicate, il generatore di calore risulta in classe  
*Based on the declared performances, the heating appliance is in class*

**5 stelle / 5 stars**

Cologne, 24.11.2025

TÜV Rheinland Energy & Environment GmbH  
 Test Centre for Energy Appliances  
 NB 2456 (CPR)  
 DIN EN ISO/IEC 17025:2018  
 accreditation: D-PL-11120-04-00

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Report released after review:

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