



## DEVICE CLASSIFICATION

Determination of emissions and assessment of the efficiency of the Filter for the protection against hazardous substances.

Organization	L.S.T. Servizi Srl
Subject of the emission certification.	Filtration devices for domestic heating powered by wood pellets, with a power output of up to 32 kW.
Reference standard.	EN 14785:2006; CEN/TS 15883:2009
Applicant Manufacturer.	ILTECNICO2424 S.r.l
Trademark	ProOzone™
Type and model	<b>ProOzone™ Smoke Filter for pellet systems - Mod. AF1102 and AF1112</b>
The manufacturer has stated that the device is representative of the family to which the following models belong:	ProOzone Filter Family for chimney systems of pellet installations.
Test reports consulted attached	N. <u>20247166</u> of <u>21/10/2024</u> issued by Modena Centro Prove S.r.l
Characteristics and fuel of the pellet stove on which the ProOzone filter has been installed, which is subject to certification for filtration efficiency	Brand and Model <span style="float: right;">Palladio Power System Mod. Tablet</span>
	Classification <span style="float: right;">3 Stelle</span>
	Nominal thermal power kW <span style="float: right;">11,0</span>
	Fuel <span style="float: right;">Wood pellets</span>
Certificate no.	

### Measured value at maximum power of the above-mentioned pellet stove.

			Without ProOzone Filter	With ProOzone Filter
Emissions of	CO	mg/Nm <sup>3</sup> (13% O <sub>2</sub> )	1054,3	99,0
	PPM	mg/Nm <sup>3</sup> (13% O <sub>2</sub> )	118,09	12,34
	COT	mg/Nm <sup>3</sup> (13% O <sub>2</sub> )	79,26	8,71
	NOx	mg/Nm <sup>3</sup> (13% O <sub>2</sub> )	101,1	75,0
Classification (According to the requirements of Ministerial Decree November 7, 2017)			★ ★ ★ ★ ★ (5 stars +)	

**The test certificate from Modena Centro Prove is attached.**

#### L.S.T. Servizi S.r.l.

MAIN LEGAL AND OPERATIVE HEADQUARTERS

Via Modenese, 314/B

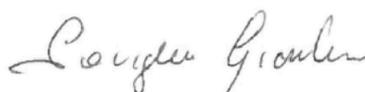
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Gianluca Savigni



# CERTIFICATE