

ENVIRONMENTAL CERTIFICATE acc. legislative decree 7 November 2017, n. 186
CERTIFICATO AMBIENTALE riferito a decreto legislative 7 novembre 2017, n. 186

LGAI Technological Center S.A. (Applus+) hereby declares that the appliance / LGAI Technological Center S.A. (Applus+) dichiara che il apparecchio

Product type / Tipologia prodotto:	Stoves that use solid fuels / Stufe che utilizzano combustibili solidi
Brand name/ Marchio commerciale:	Art for Art Fireplaces, SL.
Model / Modello:	Vulcano Frontal, Sandra Frontal and Amun Frontal
File number/ Numero di file:	24/32301270
Manufactured by / Fabbricato da:	Art for Art Fireplaces, SL C/ Folgueroles, 3 08500 Vic, España
Nominal Power (kW) / Potenza Nominale	15.7

Complies with the standard requirements / Soddisfa i requisiti dello standard:

- UNE-EN 13240:2002
- UNE-EN 13240:2002/A2:2005
- UNE-EN 13240:2002/AC:2006
- UNE-EN 13240:2002/A2:2005/AC:2007

According to the following reports with reference / In base nel report con riferimento:

- 24/32301270-1 Product type test report covered by ENAC accreditation scope n°9/LE2492, NB n° 0370
- 24/32301270-2 Test report covered by ENAC accreditation scope n°9/LE891

With the results according to the table below in comparison with the limits established by the Decree 7 November 2017, n. 186 / Con i risultati secondo la tabella seguente in confronto ai limiti stabiliti dal Decreto 7 novembre 2017, n. 186

Appliance results / Resultati apparecchio			Performance classes / Classi di prestazione			
			5 stelle	4 stelle	3 stelle	2 stelle
PP ¹⁾	mg/Nm ³	19	≤ 25	≤ 30	≤ 40	≤ 75
COT ¹⁾	mg/Nm ³	66	≤ 35	≤ 70	≤ 100	≤ 150
NOx ¹⁾	mg/Nm ³	39	≤ 100	≤ 160	≤ 200	≤ 200
CO ²⁾	mg/Nm ³	803	≤ 650	≤ 1250	≤ 1500	≤ 2000
η ²⁾	%	87	≥ 85	≥ 77	≥ 75	≥ 75

PP = primary particulate / particolato primario, COT = total organic carbon / carbonio organico totale, NOx = nitrogen oxides / ossidi di azoto, CO = carbon monoxide / monossido di carbonio, η = efficiency / rendimento

¹⁾ Determined applying the measurement method of the EN 16510-1:2018 / Determinato applicando il metodo di misura della EN 16510-1:2018

²⁾ Determined according to EN 13240 / Determinato secondo la EN 13240

All the concentration values are calculated at 13% of O₂ / Tutti i valori di concentrazione calcolati al 13% di O₂

According to the detailed information, the mentioned appliance complies with the requirements established in:

Secondo le informazioni dettagliate, l'apparecchio menzionato è conforme ai requisiti stabiliti in:

DECRETO 7 novembre 2017, n. 186: Regolamento recante la disciplina dei requisiti, delle procedure e delle competenze per il rilascio di una certificazione dei generatori di calore alimentati a biomasse combustibili solide.

Fulfilled Class: / Classe Soddisfatta: **4 STELLE**

Issuing date / Data di emissione: 19/02/2025

Responsabile del laboratorio
LGAI Technological Center S.A. (APPLUS)

Applus+ guarantees that this task has been carried out in compliance with the requirements of our Quality and Sustainability System, and furthermore, that the contractual terms and legal regulations have been complied with. In the framework of our improvement programme, we would appreciate any comments you may deem appropriate. These should be addressed to the manager who signs this document, or to the Quality Director of Applus+, at the following address: satisfaccion.cliente@applus.com

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