

LGAI

LGAI Technological Center, S.A.
Campus UAB
Ronda de la Font del Carme, s/n
E - 08193 Bellaterra (Barcelona)
T +34 93 567 20 00
F +34 93 567 20 01
www.appluslaboratories.com



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: Inset appliance for wood, closed fireplace /
Inserti a legna, camini chiusi

Model /
Modello: **QUBO 80 AIR**

Manufactured by /
Prodotto da: MCZ GROUP S.P.A
IT01791730938
33074 Vigonovo di Fontanafredda PN
Via La Croce, N, 8
ITALIA

Nominal Power (kW) /
Potenza Nominale: **9,5**

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

- EN 13229:2001
- EN 13229:2001/A2:2005
- EN 13229:2001/AC:2006
- EN 13229:2001/A2:2005/AC:2007

According to the Range report with reference /
Secondo il rapport della gamma con rieferimento:

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

- 19-20682-1864-1 M2 Product type test report covered by ENAC accreditation scope n°9/LE2492, NB n° 0370
- 19-20682-1864-2 M2 Test report covered by ENAC accreditation scope n°9/LE891
- 19-20682-1862-1 M2 Product type test report covered by ENAC accreditation scope n°9/LE2492, NB n° 0370
- 19-20682-1862-2 M2 Test report covered by ENAC accreditation scope n°9/LE891
- 21/32304879 Range Report
- 21/32304879 S Simplified Range Report

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	70	≤ 35	≤ 70	≤ 100	≤ 150
NOx ¹⁾	mg/Nm ³	74	≤ 100	≤ 160	≤ 200	≤ 200
CO ²⁾	mg/Nm ³	1204	≤ 650	≤ 1250	≤ 1500	≤ 2000
η ²⁾	%	85,01	≥ 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 13229 / Determinato secondo la EN 13229

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: 02/11/2021

Responsabile del laboratorio LGAI Technological Center S.A. (APPLUS)	Responsabile dei test termici LGAI Technological Center S.A. (APPLUS)
<p>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.ciente@applus.com</p> <p>The reproduction of this document is only authorized if it is made in its totality. Electronically signed reports in digital format are considered original documents, as well as its electronic copies. Their printing has no legal validity. This document has 2 page, of which -- are annexes.</p>	