

Constancy of Performance Certificate

LGAI Technological Center S.A. (APPLUS), Notified Body No. 0370, issues this certificate to:

APPLICANT

Placed on the market under the name of

Maico Italia, S.r.l.

Via Maestri Del Lavoro, 12
25017 Lonato - Brescia (Italia)

Produced in the manufacturing plant

25/32305979

PRODUCT

Smoke and heat control systems. Ventilators (fans)

Range: BOX-T HT F400 (120)

APPLICABLE REGULATION

Construction Product Regulation (CPR)

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standard:

EN 12101-3:2015

Under **system 1** for the performance set out in this certificate are applied and the factory production control conducted by the manufacturer is assessed to ensure the constancy of performance of the construction product.

The manufacturer, after the completion of the conformity assessment procedures and the declaration of performance, may affix the CE Marking under his responsibility

No. 0370-CPR-1377

Date issued: 15/09/2025

First issue date: 27/07/2012

Follow-up date: before 31/07/2026

The validity of this certificate remains valid as long as the harmonised standard, the construction product, the EVCP methods and the manufacturing conditions at the plant are not significantly modified, unless suspended or withdrawn by the notified product certification body.

This document is not valid without its technical annex; whose number coincides with that of the certificate.



Xavier Ruiz Peña
Managing Director
Conformity Assessment

Applus⁺
certification

LGAI Technological Center S.A. (APPLUS)
Notified Body No. 0370

Campus UAB. Ronda de la Font del Carme s/n
08193 Bellaterra, Barcelona (Spain)



Check the status
of this certificate

Certificate

Technical Annex

Annex according to EN 12101-3:2015

Smoke and heat control systems. Part 3: specification for powered smoke and heat control ventilators (fans)

Certified performances

Essential characteristics	Clauses in this European Standard	Mandated level(s) or class(es)
Response delay - Opening under wind load within a given time; - Opening under snow load within a given time.	4.1.1	NA
		NA
Operational reliability - Application categories; - Motor rating.	4.2.2	<ul style="list-style-type: none"> ▪ Thermally uninsulated. ▪ Direct feed. ▪ Dual purpose use. ▪ Installation outside the oven. ▪ Horizontal direction of motor shaft.
		4.2.3
Effectiveness of smoke/hot gas extraction: - Gas flow and pressure maintenance during smoke and heat extraction test.	4.3.2	[-20; +50] %
Resistance to fire	4.4	F ₄₀₀ (120)
Ability to open under environmental conditions - Opening under wind load within a given time; - Opening under snow load within a given time.	4.5	NA
		NA
Durability of operational reliability	4.6	NPD

PASS; NPD = No Performance Determined; NA = Not Applicable

Product

- Extractor tested outside the furnace.
- Extractor BOX-T HT F400120
- Dual use
- Extractor tested in horizontal position.
- Motor SMEM
 - Sizes from 71 to 200
 - Up to 30 kW
 - 230/400 & 400/690 V
 - 4 poles
 - 50 Hz
- Snow kind: Not applicable.
- Vertical airflow (upstream).
- The extractors tested at 400°C during 2 hours.
- The range has not accessories

The complete technical data from certified range **BOX-T HT F400 (120)** is detailed in the Technical File and in the Range Report nº 17/14475-1613.

Summary list of fire-resistant extractors **RANGE BOX-T HT F400120**

MODEL	KW	KIND OF MOTOR	VELOCITY (R.P.M.)
BOX-T HT 254/E	0,37	71 B4	1360
BOX-T HT 254/D	0,75	80 B4	1385
BOX-T HT 254/C	1,1	90 S4	1415
BOX-T HT 254/B	1,5	90 L4	1380
BOX-T HT 254/A	2,2	100 LA4	1420
BOX-T HT 304/E	1,1	90 S4	1415
BOX-T HT 304/D	2,2	100 LA4	1420
BOX-T HT 304/C	3	100 LB4	1415
BOX-T HT 304/B	4	112 M4	1445
BOX-T HT 304/A	5,5	132 S4	1450
BOX-T HT 354/E	1,1	90 S4	1415
BOX-T HT 354/D	2,2	100 LA4	1420
BOX-T HT 354/C	4	112 M4	1445
BOX-T HT 354/B	5,5	132 S4	1450
BOX-T HT 354/A	11	160 M4	1450
BOX-T HT 404/D	2,2	100 LA4	1420
BOX-T HT 404/C	4	112 M4	1445
BOX-T HT 404/B	7,5	132 M4	1455
BOX-T HT 404/A	11	160 M4	1450
BOX-T HT 454/E	1,5	90 L4	1380
BOX-T HT 454/D	4	112 M4	1445
BOX-T HT 454/C	7,5	132 M4	1455
BOX-T HT 454/B	15	160 L4	1460
BOX-T HT 454/A	22	180 L4	1460
BOX-T HT 504/E	3	100 LB4	1415
BOX-T HT 504/D	7,5	132 M4	1455
BOX-T HT 504/C	15	160 L4	1460
BOX-T HT 504/B	22	180 L4	1460
BOX-T HT 504/A	30	200 L4	1475