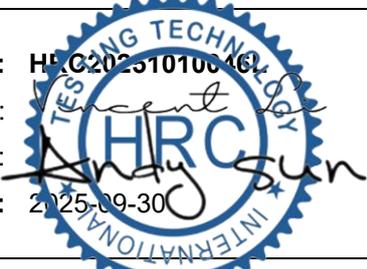
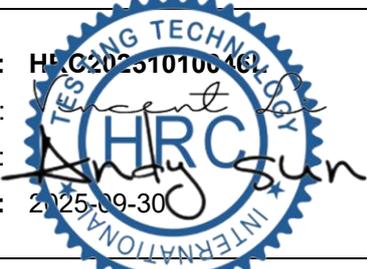


**TEST REPORT  
EN 60335-1**
**Part 1: Safety of household and similar electrical appliances**

<b>Report Number</b> .....	HRC202510100462
<b>Tested by (name + signature)</b> .....	
<b>Approved by (name + signature)</b> .....	
<b>Date of issue</b> .....	2025-09-30
<b>Testing Laboratory Name</b> .....	Shenzhen HRC Testing Technology Co., Ltd.
<b>Address</b> .....	1508, Block A, Goldman Sachs Building, Shajing Street Center Road, Baoan District, Shenzhen City, Guangdong Province
<b>Applicant's name</b> .....	MC TECHNOLOGY S.L.
<b>Address</b> .....	POLIG. IND. LA ALBERGUERIA - C/ JAIME VELASCO, 17 – 31230 VIANA (NAVARRA) ESPAÑA
<b>Test specification:</b>	
<b>Standard</b> .....	EN 60335-1:2012+A11:2014+A13:2017+A1:2019+A2:2019 +A14:2019+A15:2021+A16:2023;
<b>Test procedure</b> .....	Type test
<b>Non-standard test method</b> .....	N/A
<b>Test Report Form No.</b> .....	IEC60335_1V
<b>Test Report Form(s) Originator</b> .....	Nemko AS
<b>Master TRF</b> .....	Dated 2014-02
<b>Test item description</b> .....	FRESH AIR DUCT ACCESSORIES
<b>Trade Mark</b> .....	
<b>Manufacturer</b> .....	MC TECHNOLOGY S.L. POLIG. IND. LA ALBERGUERIA - C/ JAIME VELASCO, 17 – 31230 VIANA (NAVARRA) ESPAÑA
<b>Model/Type reference</b> .....	Ø75, Ø90
<b>Ratings</b> .....	N/A

<b>Test item particulars:</b>	
Classification of installation and use ..... : Fixed installation equipment	
Supply Connection..... : No connection to power supply	
<b>Possible test case verdicts:</b>	
- test case does not apply to the test object ..... : N/A	
- test object does meet the requirement ..... : P (Pass)	
- test object does not meet the requirement ..... : F (Fail)	
<b>Testing:</b>	
Date of receipt of test item ..... : 2025-09-22	
Date (s) of performance of tests..... : 2025-09-22 to 2025-09-30	
<b>General remarks:</b>	
"(See Enclosure #)" refers to additional information appended to the report. "(See appended table)" refers to a table appended to the report.	
Throughout this report a <input type="checkbox"/> comma / <input checked="" type="checkbox"/> point is used as the decimal separator.	
<b>Manufacturer's Declaration per sub-clause 4.2.5 of IEC 60335-1:</b>	
The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided :	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not applicable
<b>When differences exist; they shall be identified in the General product information section.</b>	
Name and address of factory (ies).....:	MC TECHNOLOGY S.L. POLIG. IND. LA ALBERGUERIA - C/ JAIME VELASCO, 17 – 31230 VIANA (NAVARRA) ESPAÑA
<b>General product information:</b>	
- Pipe fittings for fresh air ventilation system.	

## EN 60335-1

Clause	Requirement – Test	Result - Remark	Verdict
30	RESISTANCE TO HEAT AND FIRE		-
30.1	External parts of non-metallic material,		P
	parts supporting live parts, and		P
	thermoplastic material providing supplementary or reinforced insulation,		N
	sufficiently resistant to heat		N
	Ball-pressure test according to IEC 60695-10-2		N
	External parts: at 40 °C plus the maximum temperature rise determined during the test of clause 11, or at 75 °C, whichever is the higher; temperature (°C) :	(see appended table)	P
	Parts supporting live parts: at 40°C plus the maximum temperature rise determined during the test of clause 11, or at 125°C, whichever is the higher; temperature (°C) :		N
	Parts of thermoplastic material providing supplementary or reinforced insulation, 25°C plus the maximum temperature rise determined during clause 19, if higher; temperature (°C) :		N
30.2	Parts of non-metallic material adequately resistant to ignition and spread of fire		P
	This requirement does not apply to decorative trims, knobs and other parts unlikely to be ignited or to propagate flames that originate inside the appliance		P
	Compliance checked by the test of 30.2.1. In addition:		P
	- attended appliances, 30.2.2 applies		N
	- unattended appliances, 30.2.3 applies		P
	Appliances for remote operation, 30.2.3 applies		N
	Base material of printed circuit board, 30.2.4 applies		N
	For other appliances, 30.2.2 applies		P
30.2.1	Glow-wire test of IEC 60695-2-11 at 550 °C, unless	No flame	P
	the material is classified at least HB40 according to IEC 60695-11-10		P
	Parts for which the glow-wire test cannot be carried out meet the requirements in ISO9772 for category HBF material		P

## EN 60335-1

Clause	Requirement – Test	Result - Remark	Verdict
30.2.2	Appliances operated while attended, parts of non-metallic material supporting current-carrying connections, and parts of non-metallic material within a distance of 3mm of such connections, are subjected to the glow-wire test of IEC 60695-2-11.		N
	The glow-wire test is not carried out on parts of material classified as having a glow-wire flammability index according to IEC 60695-2-12 of at least:		-
	-750°C, for connections carrying a current exceeding 0,5A during normal operation		N
	-650°C, for other connections		N
	Test as specified for an interposed shielding material		N
	When the glow-wire test of IEC 60695-2-11 is carried out, the temperatures are:		-
	-750°C, for connections carrying a current exceeding 0,5A during normal operation		N
	-650°C, for other connections		N
	Test not applicable to conditions as specified		N
30.2.3	Appliances operated while unattended, tested as specified in 30.2.3.1 and 30.2.3.2		P
	Tests not applicable to conditions as specified		N
30.2.3.1	Parts of insulating material supporting connections carrying a current exceeding 0.2A during normal operation, and		N
	parts of non-metallic material within a distance of 3mm,		N
	subjected to the glow-wire test of IEC 60695-2-11 with a test severity of 850°C		N
	Glow-wire test not carried out on parts of material classified as having a glow-wire flammability index of at least 850°C according to IEC 60695-2-12		N
	Glow-wire test not carried out on small parts that comply with the needle-flame test of Annex E or on small parts of material classified as V-0 or V-1 according to IEC 60695-11-10		N
	Test as specified for an interposed shielding material		N
30.2.3.2	Parts of non-metallic material supporting current-carrying connections, and		P
	parts of non-metallic material within a distance of 3mm,		P
	subjected to glow-wire test of IEC 60695-2-11		P
	Test not carried out on material having a glow-wire ignition temperature according to IEC 60695-2-13 of at least:		N

## EN 60335-1

Clause	Requirement – Test	Result - Remark	Verdict
	-775°C, for connections carrying a current exceeding 0,2A during normal operation		N
	-675°C, for other connections		N
	When the glow-wire test of IEC 60695-2-11 is carried out, the temperatures are:		N
	-750°C, for connections carrying a current exceeding 0,2A during normal operation		P
	-650°C, for other connections		P
	Parts that during the test produce a flame persisting longer than 2 s, tested as specified		N
	If a flame persists longer than 2 s during the test, parts above the connection, as specified, subjected to the needle-flame test of annex E, unless		N
	the material is classified as V-0 or V-1 according to IEC 60695-11-10		N
30.2.4	Base material of printed circuit boards subjected to needle-flame test of annex E		N
	Test not applicable to conditions as specified		N

EN 60335-1			
Clause	Requirement – Test	Result - Remark	Verdict

**Attached table:**

30.1	TABLE: RESISTANCE TO HEAT, FIRE AND TRACKING (appended table)									P
Component	Manufacturer	Type	Tracking test [CTI/ PTI]	Glow wire test					Needle flame test	Verdict
				GWT 550°C	GWT 650°C	GWT 750°C	GWT 850°C	GWIT		
Plastic parts	See table 24.1	See table 24.1	--	No flame	No flame	No flame	--	--	--	P
1) Flame persisting longer than 2 s 2) Surrounding parts are subjected to the needle-flame test of annex E 3) These parts subjected to the needle-flame test of annex E 4) Adjacent parts subjected to the needle-flame test of annex E 5) Parts of material classified as V-0 or V-1 6) Base material classified as V-0 supplementary information:										

**EUT PHOTOGRAPHS :**

**EUT View 1**



**EUT View 2**



**EUT View 3**



**EUT View 4**

