

Suzhou Longce Testing Technology Service Co., Ltd.

Test Report

Test Items: IP55 Test

Sample Name: Kitchen/Industry Exhaust Purifier

Consigner: AirQuality Technology(Shanghai) Co., Ltd.

Test Type: Entrust Test

Prepared By: Yao Haibiao

Checked By: Wang Fei

Approved By: Lu Jiamin

检验检测专用章

Authorized signatory

1. GENERAL INFORMATION

Equipment Under Test (EUT)	Kitchen/Industry Exhaust Purifier
Module	FKE
Quantity of Tested Samples	1 PCS
Samples Code	LCJC2025040300301
Entrust unit name	AirQuality Technology(Shanghai) Co., Ltd.
Entrust unit address	No.189, Fulianer Road, Baoshan District, Shanghai, China
Manufacture unit name	AirQuality Technology(Shanghai) Co., Ltd.
Manufacture unit	No.189, Fulianer Road, Baoshan District, Shanghai, China
Sample delivery personnel information	/
Sample status	Conform to the requirements of the test
Received Date	Apr.04, 2025
Issued Date	Apr.10, 2025
Test date	Apr.08, 2025~Apr.09, 2025
Test standard	1. Commissioned Testing Contract Form; 2. GB/T 4208-2017.
Test engineer	Yao Haibiao
Laboratory Temperature	25±5℃
Laboratory Humidity	50±5%RH

2. TEST ITEMS AND RESULT

No.	Test Item	Test Information	Test Result	Direct
1	IP5X Test	1.Test force: 1N; 2.Test probe with a diameter of 1.0mm should not be fully penetrated or test probe accessed it and did not cause electrical conduction.	The test probe of 1.0 mm can not penetrate the shell.	PASS
		1.Dust:Talcum powder; 2.Dust concentration: 2kg/m ³ ; 3.Duration: 8h; 4.No need to vacuum.	After the test, there was no dust entering the sample.	
2	IPX5 Test	1. Nozzle diameter: 6.3mm; 2. Distance: 2.5~3m; 3. Water flow rate:(12.5±0.625)L/min; 4. Time: ≥3min.	After the test, there was no water entering the sample.	PASS

3. TEST PICTURES AND DATA



The picture of IP5X test

Protection against access to hazardous parts



Protection against the entry of solid foreign bodies





The picture after IP5X test





The picture of IPX5 test





The picture after IPX5 test



4. TEST EQUIPMENTS

No.	Equipment Name	Equipment Model	Equipment Number	Calibration Due Date
1	Dust Test Room	TL-SC-15F	201801IP004	Oct.08, 2025
2	Waterproof Equipment IPX5	TL-LY1-4F	201606IP002	Oct.08, 2025
3	Test probe	IP4X	201606IP003	Oct.08, 2025
4	Digitally explicit push-pull force gauge	HF-500	201812QT038	Oct.08, 2025

Declaration

1. The LAB have meet the required of CNAS-CL01:2018(Same as ISO/IEC 17025:2017), get the authorize from CNAS, CNAS Number: CNAS L8212, and have get the authorize from CMA, CMA Number: 241009340213, Also get the authorize from ISTA, ISTA ID: 10764.
2. The LAB is responsible for the impartiality of all test data and the confidentiality of client information except the customer disclosure.
3. The LAB is only responsible for the test items entrusted by the client.
4. This report is valid in the condition of having sign of approve, special seal of laboratory testing and Connective seal, The report shall not be partial duplicated without written approval from the LAB except fully copy.
5. The Samples were provided by the client, and the authenticity also is borne by the client, the LAB is only responsible for the test data of the sample.
6. If have any objection to the report, please submit it to the LAB in writing within 15 days after receiving the report.
7. The samples must be take back within 3 months,and the LAB will dispose it after the deadline.
8. Subcontractor and Details: NA.
9. The visual inspection used in this test is visual observation, except for non-visual observation.
10. Conclusion language description:
 - (1) Pass : the samples conform to the requirements of the standard;
 - (2) Fail: the samples do not conform to the requirements of the standard ;
 - (3) / : don't judge or no test standard.
11. For the report without CMA marking, the data and results issued by it are only used for the client to understand the quality of the sample.
12. The "Commissioned Testing Contract Form" in this report has not been recognized by CNAS.
13. Disclaimer: The test or judgment results in this report are only responsible for the appearance judgment of the samples. If the test data, results and judgment requirements related to the performance or function of the samples are provided by the customer (the entrusted company), the laboratory shall not assume any legal responsibility for this.

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*****End of the report*****