



TEST REPORT

Report No. : THSH17122012832-EN

Date: Dec. 20, 2017

Applicant : Linkwell Electric (Shanghai) Co., Ltd.
Building 7, No.659, Yinxing Road, Putuo, Shanghai, China.

Manufacturer : The same as applicant

Sample Name : Fan and Filter

Model No. : FF series, EF series

Date Received : Dec. 18, 2017

Test Period : Dec. 18, 2017 to Dec. 20, 2017

Test Requested : IP55

Test Method : As specified in IEC 60529:1989+A1:1999+A2:2013

Conclusion : Pass



For and on behalf of
Shanghai Global Testing Services Co., Ltd

Authorized Signature:

Shi Lei/Kevin
General Manger -GTS/SHO

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Sample Photo(s)



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TEST RESULT

No.	Test Item	Test Method	Result
1	IP5X	IEC 60529:1989+A1:1999+A2:2013	PASS
2	IPX4	IEC 60529:1989+A1:1999+A2:2013	PASS

1. Test Item: IP5X Dust proof

Test Method: IEC 60529:1989+A1:1999+A2:2013 Degrees of protection provided by enclosures (IP 5X)

Test setup: Dust-proof chamber, Model No. : SC-010.

Environment: 25°C, 60%RH, 101kPa

Test Conditions: 1) The amount of talcum powder to be used is 2kg per cubic meter of the test chamber volume.
2) Test period: 8 hours

Test Result:

Sample Name	Test Results
Fan and Filter	No dust observed inside the test sample

Sample Photo(s) during the test:



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Sample Photo(s) after the test:



2. Test Item: IPX5 Water proof

Test Method: IEC 60529:1989+A1:1999+A2:2013 Degrees of protection provided by enclosures (IP X5)

Test setup: Water proof test chamber, Model No. : IPX1-8

Environment: 25°C, 60%RH, 101kPa

Test Conditions:

- 1) Internal diameter of the nozzle: 6.3 mm;
- 2) Delivery rate: (12.5 ± 0.625) L/min.
- 3) Test duration per square meter of enclosure surface area likely to be sprayed: 1 min.
- 4) Minimum test duration: 3 min.
- 5) Distance from nozzle to enclosure surface: between 2.5 m and 3 m.

Test Result:

Sample Name	Test Results
Fan and Filter	No deposits of water is observable inside the enclosure

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Sample Photo(s) during the test:



Sample Photo(s) after the test:



*****End of Report*****