

TEST REPORT

Report No: 20200310K04697
Product: EC72 Brushless DC Motor
Type: EC72AC 230V
Applicant: Suzhou Blauberg Motor Technology
Co., Ltd



CQC Intime Testing Technology Co., Ltd



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Product Name : EC72 Brushless DC Motor

Product Type: EC72AC 230V

Quantity: 2 pcs

Applicant: Suzhou Blauberg Motor Technology Co., Ltd

Address: Floor 2,Building12,No.2,Shuangdeng Road,Suzhou Industrial Park,China

Manufacturer: Suzhou Blauberg Motor Technology Co., Ltd

Test Item: IP Code Test(IP55)

Reference Standard: GB/T 4208-2017

Deviation : -

Sample Receive Date: 2020/03/27

Test Date: 2020/03/27~2020/03/28

Test Result: See chapter 1.5

Test Site: East Taihu Technology and Finance City, No.1368 Wuzhong Dadao Rd.,
Wuzhong Economic Development Zone, Suzhou, Jiangsu

Remark: -

Editor: Wu Jiajia

Signature:

Date: 2020.04.10

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Signature:

Date: 2020.04.10

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Signature:

Date: 2020.04.10



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1 IP Code Test(IP55)

1.1 Atmospheric Environment

Ambient Temperature:	15~35℃
Ambient Humidity:	25~75%RH
Air Pressure:	86~106kPa

1.2 Test Equipment

No.	Equipment Management No.	Test Equipment	Model	Expiration Date
1	ITCS06043	Sand test chamber	SC-0500	2020/11/19
2	ITC02K15001	Water supply system	SH8109B	2020/04/30
3	ITCS06080	Test needle	TRP-02	2020/05/30
4	ITCS06057-3	Push pull meter	SN-10	2020/05/30

1.3 Test Conditions

IP5X(Against ingress of solid foreign objects):The enclosure under test is supported in its normal operating position inside the test chamber, the test shall be continued for a period of 8 h, the protection is satisfactory if, on inspection, talcum powder has not accumulated in a quantity or location such that, as with any other kind of dust, it could interfere with the correct operation of the equipment or impair safety.

IP5X(Against access to hazardous parts): The access probe of 1.0 mm Ø shall not penetrate.

IPX5: The diameter of the nozzle is 6.3mm, the distance from nozzle to the sample is 2.5m, the water flow is 12.5L/min, spray the sample from all practicable directions with a stream of water from the nozzle, the test duration time is 10min(sample status: power on during test).

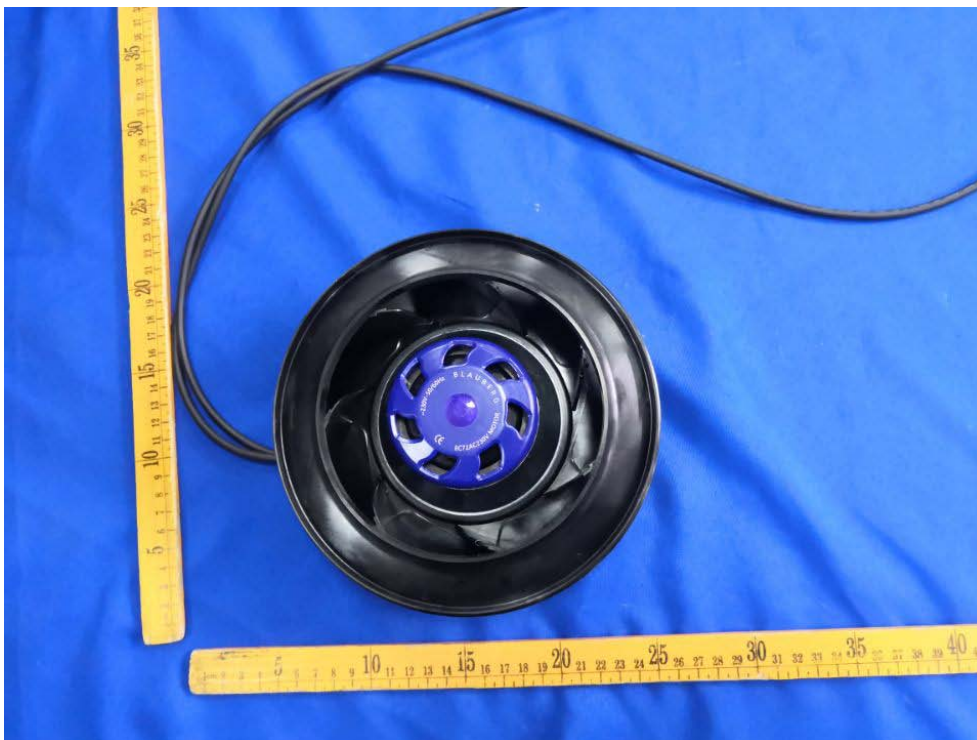
1.4 Reference Standard

GB/T 4208-2017

1.5 Test result

The sample can operate normally after test, and the access probe of 1.0 mm Ø can not penetrate.

1.6 Test Pictures



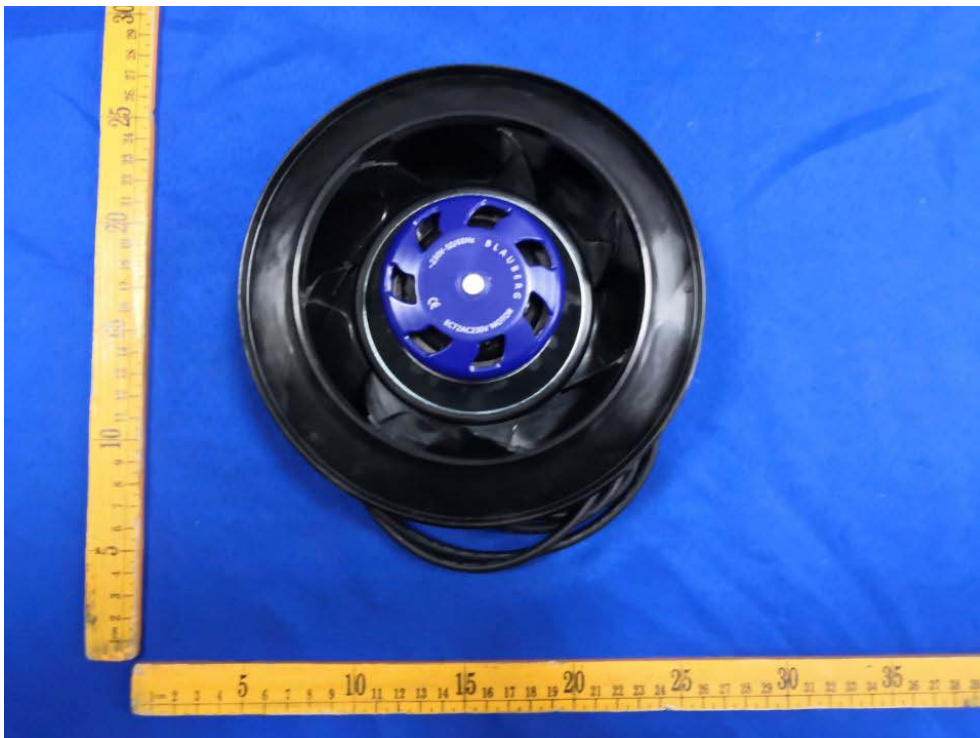
Test sample-IPX5



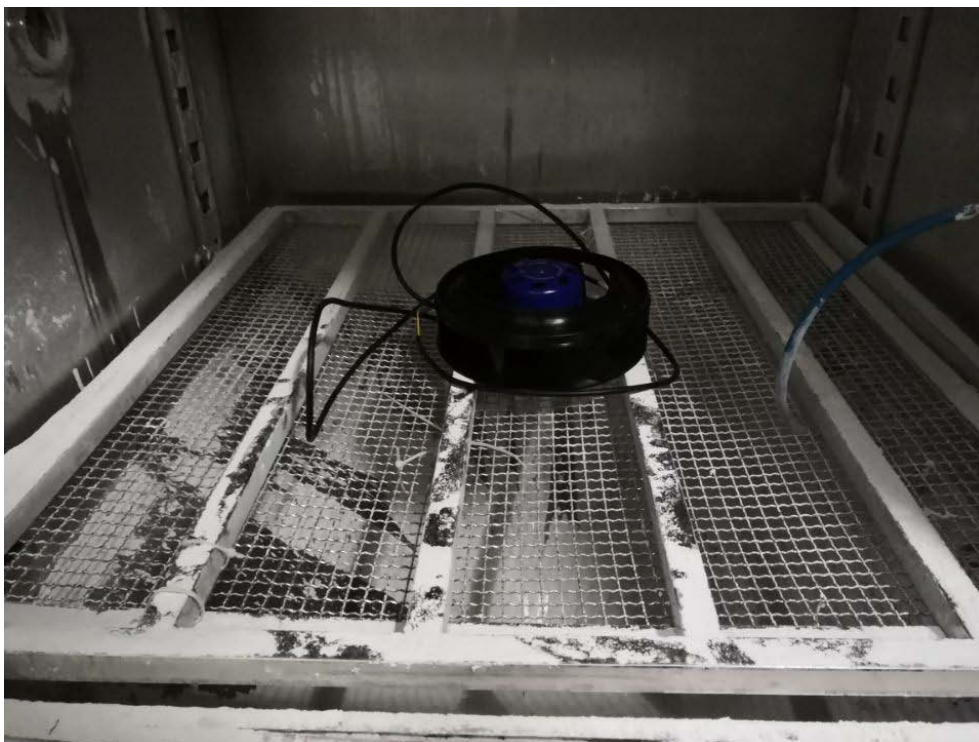
During test-IPX5



After IPX5-power on



Test sample-IP5X



Sample setup-IP5X



After test-IP5X



After IP5X-power on



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Statement of Report

1. The test report shall not be copied except in full, without written approval of the laboratory.
2. The test results are only effective for test samples.
3. If there is any objection to test results, please submit a written complaint to the company in 10 days since you receive the report.
4. The test samples must be taken back in 60 days since you receive the report, or the company reserves the right to dispose of samples.
5. This report does not serve as a basis for litigation, arbitration.

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