



# 广东省东莞市质量计量监督检测所

Guangdong Dongguan Supervision Testing

Institute of Quality and Metrology

## 检 验 报 告

## TEST REPORT

地址: 东莞市东城区主山温南路高田坊

邮编: 523120

电话: 0769-22621108 22264734

传真: 0769-22608218

Address: Gaotianfang, Wennan Road, Dongcheng District,

Dongguan City

Postcode: 523120

Phone: (0769) 22621108 22264734

Fax: (0769) 22608218

# 广东省东莞市质量计量监督检测所

Guangdong Dongguan Supervision Testing


Institute of Quality and Metrology

## 检验报告 (TEST REPORT)



No.: D08040271

page 1, total 9

Sample Description	Cooling Fan			Brand, Type, Grade Specification	JMC 4cm, 5cm, 6cm, 7cm, 8cm, 9cm and 12cm full series.
Produced Date	2008-04-02	Condition	Normal	Voucher No.	0037760
Serial No. of Sample	—			Test Type	Entrusted for testing
Applicant	JMC Products			Sampling Method	Send for testing
Applicant Address	Headquarter: 10315A Metropolitan Drive Austin, Texas 78758, USA.  Factory: Wang Shan Industrial Zone, Wen Tang, Dong Cheng, Dongguan, Guangdong, PRC.			Sampling Place	Dongguan factory of JMC Products.
Inspected Entity	—			Sampling	Applicant
Manufacturer	JMC Products			Sampling (Receiving) Date	2008-04-24
Sample Quantity	14pcs	Sampling Base	—	Date Tested	2008-04-29
Test Standards	IEC60529—2001 《Degree of protection provide by enclosure (IP code)》				
Conclusion of Test	This report has tested 2 items. All these items conforms to IEC60529—2001 standard and requirements <div style="text-align: right;">                           Name of Testing Institutes (Seal)                          29<sup>th</sup> April, 2008                     </div>				
Remarks	—				

Approved by:

*[Signature]*  
2008.4.29

Checked by:

*[Signature]*  
2008.4.29

Tested by:

*[Signature]*  
2008.4.29

# 广东省东莞市质量计量监督检测所

Guangdong Dongguan Supervision Testing

Institute of Quality and Metrology

## 检验报告 (TEST REPORT)



No.: D08040271

page 2, total 9

Item	Unit/ Symbol	Standards & Requirements	Testing results	Comment & Evaluation
1.IP5X	---	<p>1.Degrees of protection against access to hazardous parts indicated by the first characteristic numeral: The first characteristic numeral: 5 a.The metal foil of 1.0mm diameter shall not enter into the inside of enclosure. b.The test force shall be <math>(1\pm0.1)</math> N. 2.There shall be enough gaps between the appliance and hazardous parts after test.</p>	Up to standard	Qualified
	---	<p>Test for protection against solid foreign objects indicated by the first characteristic numeral: The first characteristic numeral:5 Category 1 enclosure: (1) test condition: a. size of talcum powder: <math>\leq 75\mu\text{m}</math>. b. amount of talcum powder:2kg per stere; c.an extraction rate of air shall be 40 to 60 times of volumes per hour; d.duration: 2h (2) test condition: a. size of talcum powder: <math>\leq 75\mu\text{m}</math>. b. amount of talcum powder:2kg per stere; c. an extraction rate of air shall less than 40 times of volumes per hour; d.durition: 8h(or it shall be drawn in full scale as 80 times continuously) Category 2 enclosure: a. size of talcum powder: <math>\leq 75\mu\text{m}</math>. b. amount of talcum powder:2kg per stere; c.duration: 8h. It is considered qualified when the quantity of the powder shall not interfere with the correct operation of the equipment or impair safety. Except for special cases to be clearly specified in the relevant product standard, no dust shall deposit where it could lead to tracking along the creepage distances.</p>	Up to standard (category 2 type conditon: switch on)	Qualified
2. IPX4	---	<p>Test for protection against ingress of water indicated by the second characteristic numeral: The first characteristic numeral:4 1.Test condition(spray nozzle): The counterbalanced shield is removed from the spray nozzle and the enclosure is sprayed from all practicable directions. a.water pressure range: 50~150kPa; b. distance from nozzle to enclosure surface : (300~500) mm; c.duration: 5min. 2.It shall examine the amount of water ingress after test, which shall conform to the requirement of IEC60529—2001</p>	Up to standard	Qualified