TEST REPORT

Reference No.	:	WTF17F1298743N
Applicant	:	Jiangmen Elite Electric Appliance Manufacture Co., Ltd.
Address	:	Building 1, N0.12, Shanggang West 1st Road, Duruan Town, Pengjiang District, Jiangmen City, Guangdong Province, China
Manufacturer	:	Jiangmen Elite Electric Appliance Manufacture Co., Ltd.
Address	:	Building 1, N0.12, Shanggang West 1st Road, Duruan Town, Pengjiang District, Jiangmen City, Guangdong Province, China
Product Name	:	Tower Fan
Model No.	:	YF-TO2904, YF-TO2905
Test specification	:	Commission Regulation (EU) No 206/2012, Annex I Point 2,3 – Implementing Directive 2009/125/EC of the European Parliament and of the Council with regard to ecodesign requirements for air conditioners and comfort fans
Test Category	:	Entrusted Test
Date of Receipt sample	:	2017-12-20
Date of Test	:	2017-12-20 to 2017-12-28
Date of Issue	:	2017-12-29
Test Report Form No.	:	WST-206-01A
Test Result	:	See attached sheets

Remarks:

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

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Compiled by:

Winnie Huang / Project Engineer

Approved by:

Jerry Mu / Manager

Subcontract:

Whether parts of tests for the product have been subcontracted to other labs:

☒ Yes ☐ No

Test items: Maximum fan flow rate (F),Maximum air velocity(c)

General remarks:

This test report shall not be reproduced except in full without the written approval of the testing laboratory.

The test results presented in this report relate only to the item tested.

"(see remark #)" refers to a remark appended to the report.

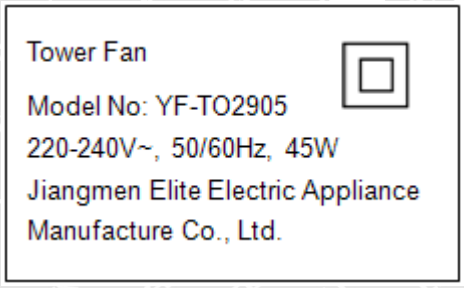
"(see appended table)" refers to a table appended to the report.

Throughout this report a point is used as the decimal separator.

Test summary:

1. Full tests were carried out on model YF-TO2905.
2. Both models are with the same circuit, motor, fan blade, fan grill and construction except different appearance.

Copy of Nameplate - (according to the separate submitted document)



Remark: Label for both models is the same as above except model name.

Test Standard

EN 50564:2011, Electrical and electronic household and office equipment – Measurement of low power consumption

EN 60704-1:2010+A11:2012, Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 1: General requirements

EN 60704-2-7:1998, Household and similar electrical appliances – Test code for the determination of airborne acoustical noise – Part 2: Particular requirements for fans

GB/T 13380-2007, A.C. electric fans and regulators of P.R.China, reference standard for calculation of fan flow rate of tower fan

Unit Under Test (UUT) ……:	Tower Fan
Model / Type under test……:	YF-TO2904, YF-TO2905
Rated Voltage and Frequency……:	220-240V~, 50/60Hz, Class II, IPX0, 45W

Product Description:

Product type……:	Tower Fan
Fan specification……:	440 mm
Material……:	Plastic blade, Plastic housing, Plastic diffuser
Number of fan speeds……:	3
Type of fan speed control……:	Mechanical switch (Rotary switch)
Blade number ……:	1
Grill ……:	Fence style. Diameter of grill: 440 mm
Oscillation system (Type/Style)……:	Not available
Remote control……:	Not available

Critical Components……:

Name	Manufacturer/ Trade mark	Type/ Model	Technical Data
Fan motor	Jiangmen Haiqi Electric Appliance Manufacture Co., Ltd.	M-75	AC 220-240 V, 45 W, Class 155 (Class F)
Motor running capacitor	Zhongshan City Xiongli Electric Appliance Factory	CBB61	1.2μF, AC 450 V, T70, S3
Syn. Motor	Foshan Shunde Retian Hardware Electrical Appliance Co., Ltd.	TYJ	AC 220 V – 240 V, 50 Hz, 4 W, Class 120

Possible test case verdicts:

- test case does not apply to the test object……:	N
- test object does meet the requirement……:	P(Pass)
- test object does not meet the requirement……:	F(Fail)

Test Condition:

Ambient temperature……:	20.0-25.0°C
Relative humidity ……:	50-65%
Test Voltage and frequency……:	AC230V 50Hz

EU/206/2012			
Clause	Requirements - Test	Result - Remark	Verdict

Annex I	**Ecodesign Requirements**		
2	**Requirement for maximum power consumption in off-mode and stand-by Mode**		
(d)	**From 1 Jan. 2014, requirements for maximum power consumption in off-mode and standby mode for comfort fans**		P
	Power Consumption in any off-mode condition: ≤ 0.5W	Off-mode: _0_ W	P
	Power Consumption in standby mode(s): (i) in any condition providing only a reactivation function, or providing only a reactivation function and a mere indication of enabled reactivation function ≤ 0.5W; (ii) In any condition providing only information or status display, or providing only a combination of reactivation function and information or status display ≤ 1W	Standby-mode: (i) _____ W Measurement method: EN 50564:2011 ☐ clause 5.3.2 ☐ clause 5.3.3 ☒ clause 5.3.4 (ii) _____ W Measurement method: EN 50564:2011 ☐ clause 5.3.2 ☐ clause 5.3.3 ☐ clause 5.3.4	N
	Availability of off mode and/or standby mode Equipment shall, except where this is inappropriate for the intended use, provide off mode and/or standby mode, and/or another condition which does not exceed the applicable power consumption requirements for off mode and/or standby mode when the equipment is connected to the mains power source.	☒ Yes ☐ No ☐ Off/standby mode is inappropriate for the intended use of equipment	P
	Power Management: When equipment is not providing the main function, or when other energy-using product(s) are not dependent on its functions, equipment shall, unless inappropriate for the intended use, offer a power management function, or a similar function, that switches equipment after the shortest possible period of time appropriate for the intended use of the equipment, automatically into: — standby mode (≤ 0.5 or 1 W), or — off mode (≤ 0.5W), or — another condition (≤ 0.5 or 1 W)	☐ Yes, ___ W Time taken to automatically reach standby/off mode, or another condition: _____ sec. ☒ No (refer to manufacturer's declaration) ☐ A power management function is inappropriate for the intended use	N
Remark: Improvement should be considered before Jan.01.2014 to comply with the standby power requirement, refer to test result.			

EU/206/2012			
Clause	Requirements - Test	Result - Remark	Verdict

Annex I	**Ecodesign Requirements**		
3	**Product Information Requirements**		
	Maximum fan flow rate (F) ……..:	14.88 m^3/min	--
	Fan power input (P) ……..:	36.86 W	--
	Service value (SV) ……..:	0.40 (m^3/min)/W	--
	Measurement standard for service value……:	IEC 60879:1986 (corr.1992)	--
	Standby power consumption (P_{SB})……:	0 W	--
	Fan sound power level (L_{WA})……:	57.1 dB(A)	--
	Maximum air velocity(c)……:	1.930 meters/sec	--
	Seasonal electricity consumption (Q) ……:	11.796 kWh/a	--
	Contact details for obtaining more information:	**Jiangmen Elite Electric Appliance Manufacture Co., Ltd.** Building 1, N0.12, Shanggang West 1st Road, Duruan Town, Pengjiang District, Jiangmen City, Guangdong Province, China	--

Photo Documentation :

Model: YF-TO2905

Photo 1

Photo 2

======End of Report ======