

Cixi City Hengjin Electron Co., Ltd.

TEST REPORT

SCOPE OF WORK:

EMC directive (2014/30/EU) – EMC report

Model:

D090FT, D090FT-G, D150FT, D150FT-G

REPORT NUMBER

140900435HZH-001/Amendment1

ISSUE DATE

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Report no. 140900435HZH-001/Amendment1

Applicant : Cixi City Hengjin Electron Co., Ltd.
No.100, Haiwei avenue, Guanhaiwei Town, Cixi Ningbo, Zhejiang,
P. R. China

Manufacturer : Cixi City Hengjin Electron Co., Ltd.
No.100, Haiwei avenue, Guanhaiwei Town, Cixi Ningbo, Zhejiang,
P. R. China

Manufacturing site : Cixi City Hengjin Electron Co., Ltd.
No.100, Haiwei avenue, Guanhaiwei Town, Cixi Ningbo, Zhejiang,
P. R. China

Summary

The equipment complies with the requirements according to the following standard(s) or Specification:

***EN 55014-1:2017:** Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus Part 1: Emission

***EN 55014-2:2015:** Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus Part 2: Immunity – Product family standard

EN 61000-3-2:2014: Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current $\leq 16A$ per phase)


EN 61000-3-3:2013: Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current $\leq 16A$ per phase and not subject to conditional connection

EN 61000-3-12: 2011: Limits for harmonic current produced by equipment connected to public low-voltage supply systems with input current $>16A$ and $\leq 75A$ per phase

EN 61000-3-11: 2000: Limitation of voltage fluctuations and flicker in public low-voltage supply systems - Equipment with rated current $\leq 75A$ and subject to conditional connection

PREPARED BY:

REVIEWED BY:

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Reviewer

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Product Description	: Fan Heater
Type/Model(s)	: D090FT, D090FT-G, D150FT, D150FT-G
Rating(s)	: 400V 3N~, 50Hz, Class I, IP24, D090FT, D090FT-G: 9000W; D150FT, D150FT-G: 15000W
Brand name	: /
Base testing laboratory	: Intertek Testing Services Hangzhou
Amendment 1:	
<p>The original test reports ref. No. 140900435HZH-001 dated on January 29, 2015, was modified on October 25, 2018 to include the following additions and/or changes:</p> <ol style="list-style-type: none"> (1) “*” means the standard has been updated by the new standards listed in this report. (2) Changed the dress of holder and manufacturer to “No.100, Haiwei avenue, Guanhaiwei Town, Cixi Ningbo, Zhejiang, P. R. China”. (3) Added alternative Supply cord: H07RN-F of Ningbo jiajie electronic Co., Ltd. (4) Deleted alternative Rotary switch: KRS2 of Yuyao Keyuan Electrical Appliances Co., Ltd. (5) Deleted alternative Self -resetting thermal cut-out for all models: KSD301A-A of Ningbo Yuanfang Thermostats Co., Ltd. (6) Deleted alternative Time-delayed thermostat: KSD301A-A of Ningbo Yuanfang Thermostats Co., Ltd. (7) Added alternative Capacitor for all models: CBB61 of NINGGUO HUILI ELECTRIC CO.,LTD and CBB61 of Foshan shunde Hongye Electrical Appliance Co.,Ltd. (8) Deleted alternative internal wire for all models: Ningbo Nissei Electric Co. ,Ltd. <p>After technical evaluation, no additional testing is required accordingly.</p> <p>This amendment test report should be read in conjunction with the based test reports.</p>	

Revision History

Report No.	Version	Description	Issued Date
140900435HZH-001	Rev. 01	Initial issue of report	January 29, 2015

Measurement result summary

TEST ITEM	TEST RESULT	NOTE
Mains terminal continuous disturbance voltage	Pass	
Mains terminal discontinuous disturbance voltage/click	Pass	
Continuous disturbance power	Pass	
Radiated Emission ⁽¹⁾	Pass	
Harmonics	Pass	
Voltage fluctuation-Flicker	Pass	
Electrostatic Discharge (ESD)	NA	
RF electromagnetic field susceptibility	NA	
Electric Fast Transient /Burst (EFT/B)	NA	
Surge	NA	
Injected Current	NA	
Voltage dips and interruption	NA	

Notes:

1. The item(s) in "bold & italic" means the additional tests has been performed, and test result will be listed in the ANNEX of this amendment report.
2. NA=Not Applicable.
3. Determination of the test conclusion is based on IEC Guide 115 in consideration of measurement uncertainty.

⁽¹⁾ As for in the disturbance power test all emission readings from the EUT are lower than the applicable limits (Table 7) reduced by the margin (Table 8) and the maximum clock frequency is less than 30MHz, the EUT is deemed to comply with the Radiated Emission requirement without test.

END of the report