

Test Verification of Conformity

On the basis of the referenced test report(s), the sample(s) of the below product has been found to comply with the relevant harmonized standard(s) to the directive(s) listed on this verification at the time the tests were carried out.

The manufacturer may indicate compliance to only the said directives by signing a DoC himself and may affix the CE marking to products identical to the tested sample(s) if the product complies with all CE marking directives that has the product in their scope. In addition, the manufacturer shall file and keep the documentation according to the rules of the applicable directive(s) and shall consider changes of the standards as they may occur. Additional requirements, additional directives and local laws may be applicable.

Applicant Name & Address : Ningbo Yihe Electric Appliance Co., Ltd.
No.63-67 Hanjia North Road, Fuhai, Cixi, Ningbo City,
P. R. China

Manufacturer Name & Address : Ningbo Yihe Electric Appliance Co., Ltd.
No.63-67 Hanjia North Road, Fuhai, Cixi, Ningbo City,
P. R. China

Product(s) Tested : Convector heater

Ratings and principal characteristics : 220-240V~, 50Hz, 1300-1500W, Class I

Model(s) : GYD-15SY, GYD-15S

Brand name : NIL

Relevant Standard(s) / Specification(s) / Directive(s) : EN 60335-2-30:2003+A1:04+A2:07
EN 60335-1:2002+A11,A1:04+A12,A2:06+A13:08
EN 62233:2008
the Low Voltage Directive 2006/95/EC

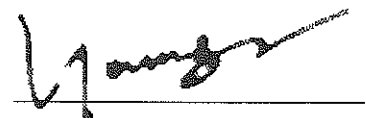
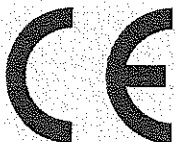
Verification Issuing Office Name & Address : Intertek Testing Services Hangzhou
16 No. 1 Ave., Xiasha Economic Development District,
Hangzhou 310018, China

Verification Number : HZ10040324-V1

Report Number(s) : HZ10040324-001
HZ10040324-EMF01

NOTE 1: This verification is part of the full test report(s) and should be read in conjunction with it.

This Verification is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to copy or distribute this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results referenced from this Verification are relevant only to the sample tested. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.



Young Zhu
Manager
12 June 2010

Certificate



Prüfbescheinigung nach dem Geräte- und Produktsicherheitsgesetz

Test Certificate in compliance with the Equipment and Product Safety Law

Bescheinigungs-Nr. (Certificate No.): 10HZH1492-01

Das Produkt entspricht den Anforderungen des Geräte- und Produktsicherheitsgesetzes (GPSG) § 7 Abs. 1 Satz 2 hinsichtlich der Gewährleistung von Sicherheit und Gesundheit und entspricht den derzeit anerkannten Regeln der Technik.

(The product is in compliance with the judicial requirements of the Equipment and Product Safety Law (GPSG) §7 Art. 1 sentence 2 and the currently accepted rules of technology.)

Bescheinigungsinhaber (Certificate Holder)
Ningbo Yihe Electric Appliance Co., Ltd.
No. 63-67 Hanjia North Road, Fuhai
Cixi, Ningbo City
P. R. China

Markenname (Brandname)

-

Fertigungsstätte (Manufacturing Site)
Ningbo Yihe Electric Appliance Co., Ltd.
No. 63-67 Hanjia North Road, Fuhai
Cixi, Ningbo City
P. R. China

Produkt (Product)
Konvektionsheizer
Convector heater

Typbezeichnung (Type)
GYD-15SY, GYD-15S

Beschreibung (Description)
220-240V~, 50Hz, 1300-1500W, Schutzklasse I (Class I)

Prüfbericht-Nr. (Test Report No.)
HZ10040324-001:2010-06-07
HZ10040324-EMF01:2010-04-23
Einzelheiten siehe Anhang (Details see attachment)

Geprüft nach (Tested according to)
EN 60335-2-30:2003+A1:04+A2:07
EN 62233:2008
EN 60335-1:2002+A11,A1:04+A12,A2:06+A13:08

Gültig bis (valid until)
2015-06-20
Erstellt am (Issued on)
2010-06-21



Intertek Deutschland GmbH
M.Eng. Gary Hu

Dem Zertifikat liegen die Allgemeinen Geschäftsbedingungen der Intertek Deutschland GmbH zu Grunde. Bitte beachten Sie die umseitigen Hinweise.
The General Business Conditions of Intertek Deutschland GmbH is an integral part of this certificate. Please also refer to the information overleaf.

Intertek Deutschland GmbH, Max-Eyth-Str. 14, 70771 Leinfelden-Echterdingen

Sitz Leinfelden-Echterdingen, Registergericht Stuttgart, HRB Nr. 225262, Geschäftsführer: Dr. Jochen P. Zoller
Tel.: +49 711 27311-0, Fax: +49 711 27311-559, E-Mail: gs@intertek.com, web: www.intertek.de

Rev. 21-12/2009



Attachment to Certificate No.: 10HZH1492-01

Constructional Data Form (CDF)

<i>Certificate Holder:</i>	Ningbo Yihe Electric Appliance Co., Ltd. No. 63-67 Hanjia North Road, Fuhai Cixi, Ningbo City P. R. China
<i>Manufacturing Site:</i>	Ningbo Yihe Electric Appliance Co., Ltd. No. 63-67 Hanjia North Road, Fuhai Cixi, Ningbo City P. R. China
<i>Product: (in German)</i>	Konvektionsheizer
<i>Product: (in English)</i>	Convector heater
<i>Type:</i>	GYD-15SY, GYD-15S
<i>Brandname:</i>	--
<i>Description:</i>	220-240V~, 50Hz, 1300-1500W, Class I
<i>Test Report No.:</i>	HZ10040324-001:2010-06-07 HZ10040324-EMF01:2010-04-23
<i>Tested according to:</i>	EN 60335-2-30:2003+A1:04+A2:07 EN 62233:2008 EN 60335-1:2002+A11,A1:04+A12,A2:06+A13:08
<i>Valid until:</i>	2015-06-20
<i>Issued on:</i>	2010-06-21

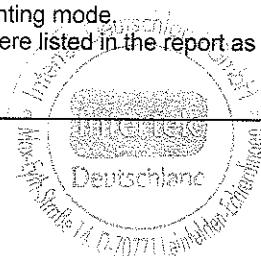
Product Information:

General product information

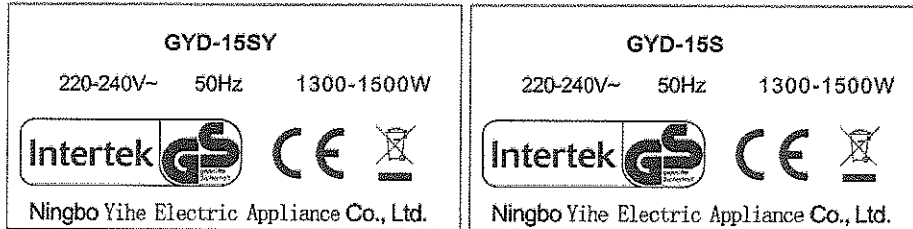
This test report includes convector heater, all of them share similar mechanical construction. They incorporate a power switch and three thermal link served as protector.

Two models are all the same except the control mode, GYD-15SY which is electronic controlled, and GYD-15S which is mechanical controlled. They can be used as standing mode and wall-mounting mode.

Tests are performed on two models, and the most unfavourable result that were listed in the report as representatives.



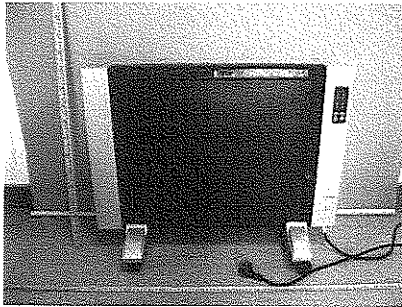
Copy of marking plate



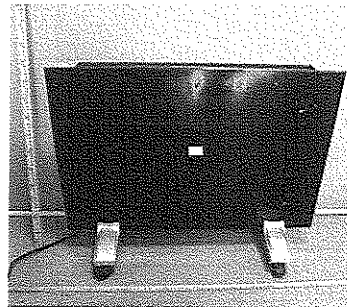
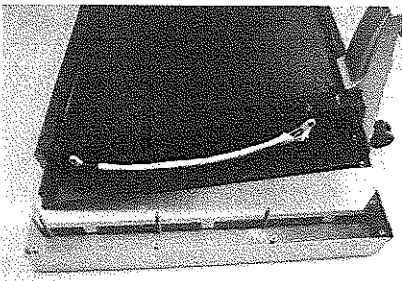
Marked on the top of heater: WARNING: Do not cover
WARNUNG: Nicht Abdecken

Product Pictures

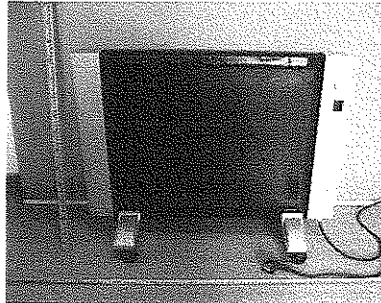
General view of GYD-15SY



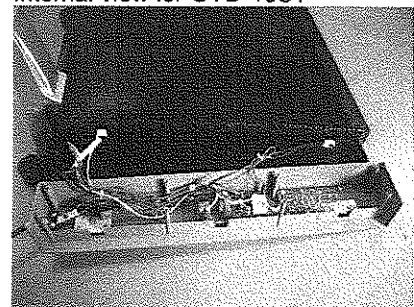
Internal of other side view for all models



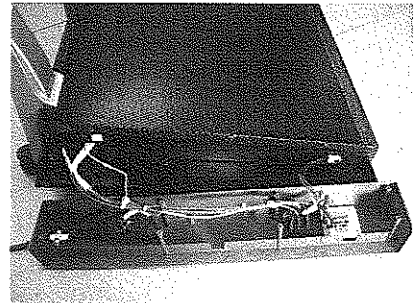
General view of GYD-15S



Internal view for GYD-15SY



Internal view for GYD-15S



List of Critical Components

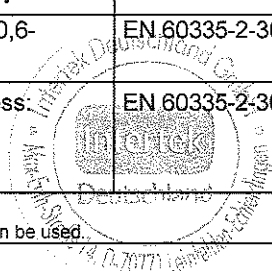
Object / part No.	Manufacturer/ trademark ²⁾	Type / model ²⁾	Technical data	Standard	Mark(s) of conformity ¹⁾
Plug	Zhejiang shuangyang Group Co., Ltd.	SY-08	250V~, 16A, DIN 49441-R2	VDE 0620-1: 2002	VDE*/ 40001514
-Alternative	Various	Various (Suitable for mentioned cord)	250V~, 16A DIN 49441-R2	VDE 0620-1: 2010	VDE*& other EU certification marks
Power cord	Ningbo Xuanhua Electric Co., Ltd.	H05RN-F	3X1,0 mm ² with green/yellow conductor.	VDE 0282-4: 2005	VDE*/ 40016551
-Alternative	Various	H05RN-F	3X1,0 mm ² with green/yellow conductor.	VDE 0282-4: 2005	VDE*& other EU certification marks
Internal wire	Cixi Shuanghong Wire Co., Ltd.	H05S-K, H05SJ-K	1X0,5...0,75 mm ² , T180	DIN VDE 0282-3: 2006	VDE*/ 40017324

Attachment to Certificate No.: 10HZH1492-01

Object / part No.	Manufacturer/ trademark ²⁾	Type / model ²⁾	Technical data	Standard	Mark(s) of conformity ¹⁾
Alternative	Cixi FuHai Ji Teng Electric Fiting Factory	H05S-K, H05SJ-K	1X0,5...0,75 mm ² , T180	DIN VDE 0282-3: 2005	VDE*/ 40016339
Power switch for GYD-15S	Zhejiang Guanbao Electronic Co., Ltd.	XCK-019	250V~, 16A, 1E4, T125	EN 61058-1	TUV*/ R 50138164
Alternative	Shanghai Qijia Electronic Co., Ltd..	R11	250V~, 12A, 1E4, T85	EN 61058-1	S*/ 614428
Alternative	Ningbo Master Soken Electrical Co., Ltd.	RK1-23	250V~, 16A, 1E4, T100	EN 61058-1	TUV*/ R 50050067
Power switch for GYD-15SY	Cixi Zhouxiang Junhua Electric Appliance Fittings Factory	KDC-A04-10	250V~, 10A, 1E4, T125	EN 61058-1	TUV*/ R 50058324
Adjustable thermostat for GYD-15S	Cixi Kada Thermostat Co., Ltd.	KDT-200	250V~, 16A, 10E4, T180, Tf80°C	EN 60730-2-9	TUV*/ R 50043816
Alternative	Cixi Xinyi Thermal Appliance Co., Ltd.	QX228	250V~, 10A, 1E4, T130, Tf80°C	EN 60730-2-9	TUV*/ R 50098166
Thermal link	Zhongshan Sheng Ping Thermal Protectors Co., Ltd.	SPF 84	250V~, 10A, Tf85 °C	EN 60691	VDE*/ 40004430
Alternative	Shanghai Xinyuan Electronic Co.,Ltd.	RY84	250V~, 10A, Tf85 °C	EN 60691	TUV*/ R 50056552
Relay	Ningbo Shenhai Relay Co., Ltd.	SH-T73- 24VDC-F-A	240V~, 10A, DC24V, Class 155, T70	EN 61810-1 EN 60255-23	TUV*/ R 50118722
X2 capacitor for GYD-15SY	Jiangsu Xinghua Huayu Electronics Co., Ltd.	MPX - Series	275V~, X2, 1,0µF, 40/100/21/C	EN 132400 IEC 60384-14	VDE*/ 40022417
PCB board for GYD-15SY	CALI-TECH ELECTRONICS CO LTD	CT-101	94V-0, 130°C, Min thickness:1,0mm (E216635)	EN 60335-2-30	UL*/ + Tested with appliance
Wire connector	Heavy Power Co., Ltd.	CE2, CE5	300V, 105°C, 2,0mm ² /5,0mm ² (E113650)	EN 60335-2-30	Tested with appliance
Heat-shrink tube	SUZHOU HUANENG SHRINKABLE MATERIAL CO	ZRG	600V, 125°C, (E210401)	EN 60335-2-30	Tested with appliance
Glass-fiber sleeving	NAN TAI HARDWARE & CHEMICAL CO LTD	--	(E173547)	EN 60335-2-30	Tested with appliance
Heating element	Ningbo Yihe Electric Appliance Co., Ltd.	--	220-240V~, 50Hz, 1300-1500W	EN 60335-2-30	Tested with appliance
Metal enclosure	Ningbo Yihe Electric Appliance Co., Ltd.	--	Thickness: 0,6- 0,8mm	EN 60335-2-30	Tested with appliance
Enclosure/ Panel plastic/ Knob/ Terminal box	Ningbo LG Yongxing Chemical Co., Ltd.	PC	Min. thickness: 2,0mm	EN 60335-2-30	Tested with appliance

¹⁾ An asterisk indicates a mark which assures the agreed level of surveillance.

²⁾ "Various" means any type from any manufacturer that complies with the specification can be used.

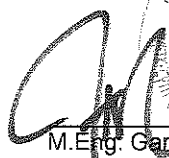
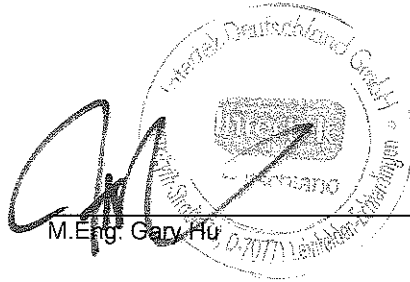


Modification Summary

The following changes have been made to this CDF:

Date	Local Project no.	Description of Change
None	None	None

Signed

M.Eng. Gary Hu

Date 2010-06-21