

# Zertifikat

# Certificate



Zertifikat Nr. *Certificate No.*  
S 50100647

Blatt *Page*  
0001

Ihr Zeichen *Client Reference*  
F.Z

Unser Zeichen *Our Reference*  
01-ZQ- 15021335 001

Längstens gültig bis *Latest expiration date*  
09.05.2012 (day/mo/yr)

**Genehmigungsinhaber *License Holder***  
Holland China Connection B.V.  
Koninginnedijk34c, 5631 cw grave  
Netherlands

**Fertigungsstätte *Manufacturing Plant***  
HANGZHOU RONGXIN ELECTRONIC  
EQUIPMENT CO.,LTD.  
No.2-2, Cangxing Street,  
Cangqian Town, Yuhang District,  
Hangzhou, Zhejiang  
P.R. China

## Prüfzeichen *Test Mark*



## Geprüft nach *Tested acc. to*

EN 60335-1:2002+A1+A11+A12+A2  
EN 60335-2-65:2003  
EN 50366:2003+A1

**Zertifiziertes Produkt (Geräteidentifikation)**  
***Certified Product (Product Identification)***

**Lizenzentgelte - Einheit**  
***License Fee - Unit***

Luftreinigungsgerät (Air Purifier)

Bezeichnung : UV-C90 (ecolamp)  
(Type Designation)

8

Bemessungsspannung : AC 230V; 50Hz  
(Rated Voltage)

Bemessungsaufnahme : 40W  
(Rated Power Input)

Schutzklasse : I  
(Protection Class)



8

ANLAGE (Appendix): 1

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde.  
Produkt und Fertigungsstätte erfüllen § 4 (1) bzw. (2) und § 7(1) des Geräte- und  
Produktsicherheitsgesetzes.

*This certificate is based on our Testing and Certification Regulation.  
Product and production fulfill par 4 Art. 1 or Art. 2 and Par 7 Art. 1 of the  
German Equipment and Product Safety Law.*

**TÜV Rheinland Product Safety GmbH, Am Grauen Stein, D-51105 Köln**  
Tel.: (+49/221)8 06 - 13 71 e-mail: cert-validity@de.tuv.com  
Fax: (+49/221)8 06 - 39 35 http://www.tuv.com/safety

**Zertifizierungsstelle**

**Dipl.-Ing. P. Hartstein**

**Ausstellungsdatum *Date of Issue* : 10.05.2007 (day/mo/yr)**

Certificate No. S 50100647 0001 Our Reference 01-ZQ-15021335 001 Appendix No. 1

**Constructional Data Form (CDF) for Electrical Appliances**

Page 1 of 2

License holder : HOLLAND CHINA CONNECTION B.V.  
 Type of Appliance : Air purifier  
 Type Designation : UV-C90  
 Rating : 230V~, 50Hz, 40W  
 Protection Class : Class I  
 Supply connection :  fixed power cord  
                                    permanent connection  
                                    appliance inlet  
                                    direct plug in  
                                    battery operated

Please tick above box  when applicable

Additional information : Bottom enclosure: ABS

Ambient temp 25°C

KB time: continuous operation

IPX0

**Table A:**

Model	Input Voltage	Rated Output Voltage (V)	Rated Output Current (mA)	Rated Output (VA)	Rated Input(W)	UV-C lamp
UV-C90	230V 50Hz	--	--	--	40	11W

TÜV Rheinland Group

Apr.16, 2007

Jackson Zhang

Date

Name

Signature



Certificate No. S 50100647 0001 Our Reference 01-ZQ-15021335 001 Appendix No. 1

**Constructional Data Form (CDF) for Electrical Appliances**

Page 2 of 2

**Critical Components**

Material: e.g. external enclosure, PCB, closed-end connector, sleeves, cord anchorage etc

Components with winding: e.g. motor, transformer, magnetic coil etc.

Other components: e.g. switch, thermostat, heater, plug, internal wire, capacitor, relay, varistor etc.

Object/part No.	Manufacturer/ trademark	Type/ model	Technical data	Standard	Mark(s) of conformity
Power Plug	Yuyao Yuxiang Electric Appliances Co., Ltd.	YXD-03A	AC 250V, 16A	DIN VDE 0620	VDE
Power Cord	Yuyao Yuxiang Electric Appliances Co., Ltd.	H05VV-F	3G0,75mm <sup>2</sup>	DIN VDE 0281	VDE
Power switch	Ningbo Yinxian Lihe Switch Factory	RL3-2	AC250V, T125/55, 6(2)A, 10E3 cycles	EN 61058-1	VDE
Interlock switch	Yueqing Dong Nan Electronic Co., Ltd.	KW4A(S)-F	AC250V, 5A, 10E3 cycles, T85	EN 61058-1	VDE
Capacitor	Changzhou_Defu Electric Co., Ltd	MPX/MKP	X2, AC 275V, 1μF, 40/85/21/C	EN 132400 IEC 60384-14	TUV Reinland
Terminal block	Openwise Industrial Ltd.	500	AC450V, 24A, 1,0...1,5mm <sup>2</sup>	EN 60998-1 EN60998-2-1	VDE
Lampholder	Ningbo Development Zone Hengda Electrical Co., Ltd.	G23-F269	G23, 250V, 2A, T140	DIN EN 60400	VDE
Ballast	Ningbo Great Time Electric Devices Co., Ltd.	SB-509-7/9/11W	AC230V, 50Hz, 0,175/0,170/0,16A, 7/9/11W, tw=120°C, delta 65K	EN 61347-1 EN 61347-2-8	TUV Rheinland
UV lamp	PHILIPS	TUV PL-S	11W	EN60335-1 EN 60335-2-65	Tested with Appliance
Fan motor	Quanzhou Quanfeng Motor Co., Ltd.	QA12038HBL 2	230V, 50Hz, Class E winding: 696Ω (22°C)	EN60335-1 EN 60335-2-65	Tested with Appliance
Plastic transparent enclosure	BAYER AG	2407+(f1)	PC	---	UL
Internal wire	Tongxiang Yuanhua Electric Co., Ltd	UL1332	18/20/22AWG, 105°C	---	UL

**TÜV Rheinland Group**

Apr.16, 2007

Jackson Zhang

Date

Name

Signature





Holland China Connection B.V.  
Evert Weijman  
-  
Koninginnedijk34c, 5631 cw grave  
Netherlands

Date : 10.05.2007  
Our ref. : ZQ 01  
Your ref.: F.Z

**Ref : S GS-Mark Approval**

Type of Equipment : (Air Purifier)  
Model Designation : See Certificate  
Certificate No. : S 50100647 0001  
Report No. : 15021335 001

Dear Evert Weijman,

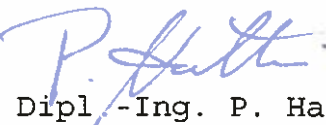
A specimen of above mentioned product has been tested and found to be technically in compliance with § 4 (1) and -(2) of the GPSG (= German Equipment and Product Safety Act). The certificate is issued with the reservation that the licence holder applies all information required in § 5 of the GPSG related to name of the manufacturer and, if need be, his authorized representative / the importer including their respective addresses on the product, its packing and/or the user's manual prior to marketing the product in the European Economic Area. Enclosed please find the certificate of approval No. S 50100647 0001.

If cancellation of the certificate is submitted by November 15 in a given year, no fee will be charged for the following year.

Please contact our office for approval of your new products.

With kind regards,

Certification Body

  
Dipl.-Ing. P. Hartstein

CC: HCT Shanghai

Enclosure