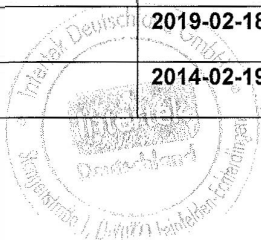


## Constructional Data Form (CDF)

<i>Certificate Holder:</i>	Ningbo Riwei Electrical Appliances Co., Ltd. Industrial Zone, Zhouxiang Town, Cixi, Ningbo Zhejiang 315324 P. R. China
<i>Manufacturing Site:</i>	
<i>Product:</i> <i>(in German)</i>	Haartrockner
<i>Product:</i> <i>(in English)</i>	Hair Dryer
<i>Type:</i>	RW806*, RW806S*(*=A, B); RW807*, RW862*(*=A, B, AF, BF)
<i>Brandname:</i>	RIWEI
<i>Description:</i>	50/60Hz, Class II, RW806*: 220-240V~, *=A: 1000W, *=B: 1200W, RW806S*: 120/230V~, *=A: 1000W, *=B: 1200W, RW807*, RW862*: 220-240V~, *=A: 2000W, *=B: 2200W, *=AF: 2000W, *=BF: 2200W,
<i>Test Report No.:</i>	SH12090825-001:2013-01-17 SH12090825-001+A1:2014-02-18 SH12090825-EMF01:2013-01-09 SH12090825-EMF01+A1:2014-02-13
<i>Tested according to:</i>	EN 62233:2008 EN 60335-2-23:2003+A1:08+A11:2010 EN 60335-1:2012 PAK-Anforderung / PAH Requirement ZEK 01.4-08
<i>Valid until:</i>	2019-02-18
<i>Issued on:</i>	2014-02-19



**Product Information:**

**General product information**

Products covered by this test report are hair dryers for household and indoor use only.

The appliances incorporate switch, heating wire, thermal cut-out and low voltage DC motor.

RW806A and RW806SA are same except voltage rating and RW806SA has additional voltage-select switch, same to RW806B and RW806SB.

RW806A and RW806B are totally same except the rated power input, same to RW806SA and RW806SB.

RW807\* (\*=A, AF, B, BF) are the same except model name with A rated 2000W, with B rated 2200W, with F Negative Ion Generator employed.

RW862\* (\*=A, AF, B, BF) are the same except model name with A rated 2000W, with B rated 2200W, with F Negative Ion Generator employed.

RW806A, RW806B, RW806SA, and RW806SB have the foldable handle.

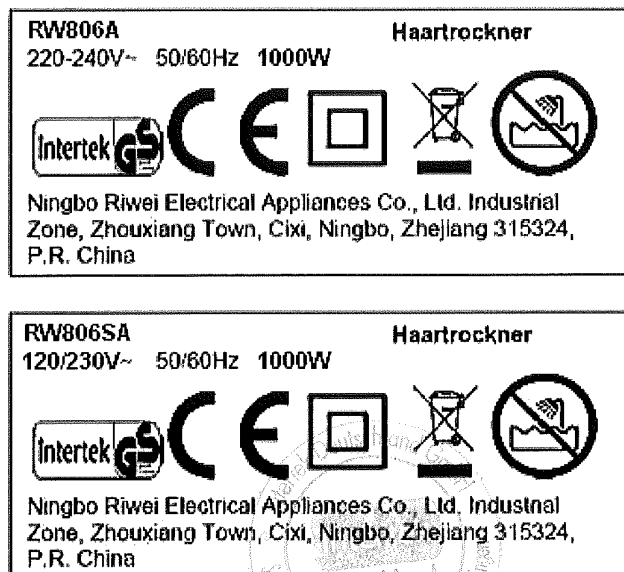
All tests were done under 50 Hz conditions.

For RW806SB: Cl.11, Cl.13, Cl.19, Cl.23.3, Cl.25.14 and Annex I were tested according to the more unfavourable rated voltage (120V) for same power but larger current.

For the Negative Ion Generator FF-350 and FF-370 certified by TÜV Rh test report 14702816 001; YFA-223M certified by TÜV Rh test report 16011099 001-002; HL-F18, HL-F28 and HL-F78 certified by TÜV PS test report 70.401.08.111.01-01.

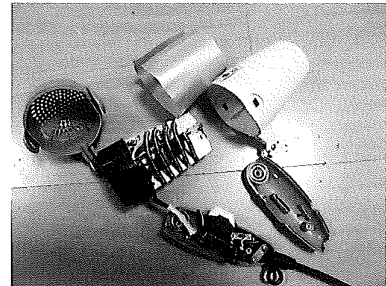
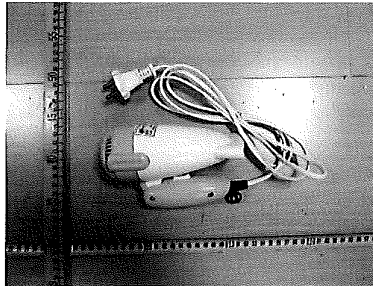
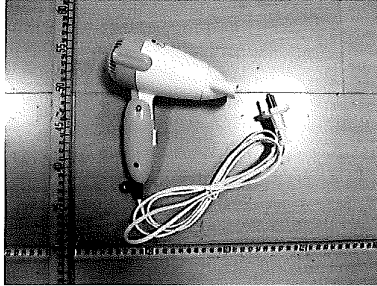
We had checked that the construction of Negative Ion Generator used in this test report had the same construction as which shown in the TÜV Rh test report.

**Copy of marking plate(representative):**



## Product Pictures

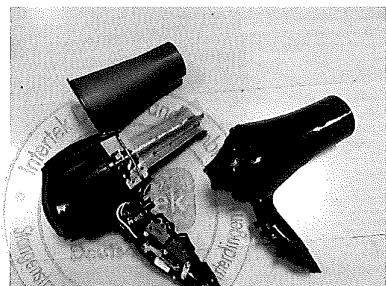
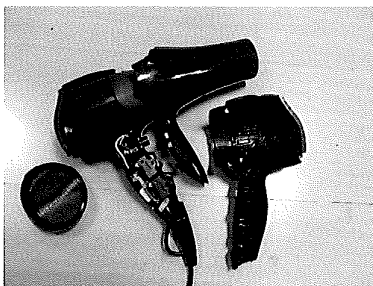
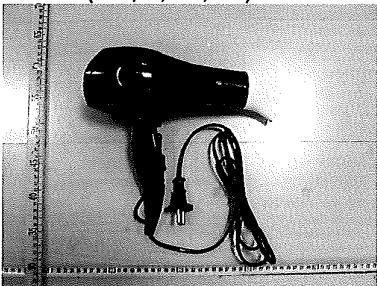
RW806\*, RW806S\*(\*=A, B)



RW807\*(\*=A, B, AF, BF)



RW862\*(\*=A, B, AF, BF)



## Attachment to Certificate No.: 13SHH0163-02

### List of Critical Components

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity <sup>1)</sup>
Plug	Ningbo Qiaopu Electric Co., Ltd.	D02	AC 250V, 16A; DIN 49406-R	DIN VDE 0620-1: 2002	VDE*/ 40002875
Alternative	Yuyao Chongyu Electric Co., Ltd.	CY-02	250V~, 16A DIN 49406-R	DIN VDE 0620-1:2010	VDE*/ 40035577
Power plug (only for U.K.)	Ningbo Yunhuan Electronics Group Corporation	Y006	250V~, 13A	BS 1363-1: 1995+A1+A2+A3	BSI*/ KM45980
Power plug(only for Italy) except for RW806S*	Ningbo Qiaopu Electric Co., Ltd.	D07	250V~, 10A	CEI 23-50-1 Ed. 1995	IMQ*/ CA02. 01118
Power cord	Ningbo Liansheng Wire & Cable Co., Ltd.	H03VVH2-F	2 x 0,75 mm <sup>2</sup> (length of cord<2m)	DIN VDE 0281-5: 2002	VDE*/ 40022054
-alternative	Ningbo Qiaopu Electric Co., Ltd.	H03VVH2-F	2X0,75mm <sup>2</sup> (length of cord<2m)	EN 50525-2-11: 2011	VDE*/ 40035976
Alternative	Yuyao Chongyu Electric Co., Ltd.	H03VVH2-F	2X0,75mm <sup>2</sup> (length of cord<2m)	EN 50525-2-11: 2011	VDE*/ 40034858
Power switch (for RW806*, RW806S*)	Ningbo Riwei Electrical Appliances Co., Ltd.	QK-6	AC 250V 8A AC 125V 13A tested at: 10000 cycles	EN60335-2-23	Tested with appliance
Alternative	Yuyao Xin Nan Electric Factory	XN-10	250V~, 10A, 125V~, 16A, T85, 1E4	EN 61058-1	TUV PS*/ B 12 05 67701 022
Alternative	Zhejiang Chuangye Electronics Co., Ltd.	XW-603M	AC 250V, 10A, 1E4, T85	EN 61058-1	TUV*/ R 50199596
Power switch (for RW807*, RW862*)	Ningbo Riwei Electrical Appliances Co., Ltd.	RK2-16	AC 250V, 10A, tested at: 10000 cycles	EN60335-2-23	Tested with appliance
Alternative	Ningbo Riwei Electrical Appliances Co., Ltd.	RK2-17	AC 250V, 10A, tested at: 10000 cycles	EN60335-2-23	Tested with appliance
Alternative	Yuyao xinnan electric factory	XN-18	250V~, 10A, T85, 1E4	EN 61058-1	TUV PS*/ B 12 05 67701 022
Alternative	Merchant Corporation Ltd.	SR-68-2	250V~, 16A, T85/55, 10E3	EN 61058-1	KEMA*/ 2137986.05
Cool switch (for RW807*, RW862*)	Yuyao xinnan electric factory	XN-7	AC 250V, 10A, AC 125V, 16A, T85, 1E4	EN 61058-1	TUV PS*/ B10 07 67701 014
Alternative	Cixi Zhouxiang Binbin Electrical Co.,Ltd.	M-10	AC 250V 10A, AC 125V 15A IE4 T85	EN 61058-1	TUV*/ R50142874
Voltage-select switch (only for RW806S*)	Yuyao xinnan electric factory	ZK-2	AC 250V, 10A, AC 125V, 16A, T85, 1E4	EN 61058-1	TUV PS*/ B10 07 67701018
Thermal cut-out (for RW806*, RW806S*)	Yuyao Zhenshen Electrical Factory	ZST-125	AC 250V, 10A , T200, Tf125, 10E3	EN 60730-1 EN 60730-2-9	TUV*/ R 50066778
Alternative	Foshan Gaoming Xi Te Electrical Co., Ltd.	AMT	AC 250V, 10A , 125V, 15A, T130, Tf125, 2E3	EN 60730-1 EN 60730-2-9	VDE*/ 40003591
Alternative	Foshan Shunde Zhuo Jian Hardware & Electrical Mfr. Co. Ltd.	ZJT-1 ZJT-1B	AC 250V, 10A , 125V, 15A, T130, Tf125, 4E3	EN 60730-1 EN 60730-2-9	VDE*/ 40006310
Alternative	Foshan Chan Cheng Eagle Technology Co. Ltd.	AMT-C1-125	AC 250V, 10A, 10E3, T140, Tf125	EN 60730-1 EN 60730-2-9	VDE*/ 40013299
Alternative	Foshan Chan Cheng Eagle Technology Co. Ltd.	AMT-C1B	AC 250V, 10A , T140, Tf125, 1E4	EN 60730-1 EN 60730-2-9	VDE*/ 40027862

### Attachment to Certificate No.: 13SHH0163-02

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity <sup>1)</sup>
Alternative	Au One Electrical Company Ltd.	AUT-125	AC 250V, 10A , 125V 16A, T150, Tf125, 10E3	EN 60730-1 EN 60730-2-9	VDE*/ 117928
Alternative	Yuyao Zhenshen Electrical Factory	ZST-II	AC 250V, 10A, AC 125V, 15A, T150, Tf125, 4E3	EN 60730-1 EN 60730-2-9	TUV*/ R 50129071
Thermal cut-out (for RW807*)	Yuyao Zhenshen Electrical Factory	ZST-120	AC 250V, 10A , T200, Tf120, 10E3	EN 60730-1 EN 60730-2-9	TUV*/ R 50066778
Alternative	Foshan Gaoming Xi Te Electrical Co., Ltd.	AMT	AC 250V, 10A , 125V, 15A, T130, Tf120, 2E3	EN 60730-1 EN 60730-2-9	VDE*/ 40003591
Alternative	Foshan Shunde Zhuo Jian Hardware & Electrical Mfr. Co. Ltd.	ZJT-1 ZJT-1B	AC 250V, 10A , 125V, 15A, T130, Tf120, 4E3	EN 60730-1 EN 60730-2-9	VDE*/ 40006310
Alternative	Foshan Chan Cheng Eagle Technology Co. Ltd.	AMT-C1-120	AC 250V, 10A, 10E3, T140, Tf120	EN 60730-1 EN 60730-2-9	VDE*/ 40013299
Alternative	Foshan Chan Cheng Eagle Technology Co. Ltd.	AMT-C1B	AC 250V, 10A , T140, Tf120, 1E4	EN 60730-1 EN 60730-2-9	VDE*/ 40027862
Alternative	Au One Electrical Company Ltd.	AUT-120	AC 250V, 10A , 125V 16A, T150, Tf120, 10E3	EN 60730-1 EN 60730-2-9	VDE*/ 117928
Alternative	Yuyao Zhenshen Electrical Factory	ZST-II	AC 250V, 10A, AC 125V, 15A, T150, Tf120, 4E3	EN 60730-1 EN 60730-2-9	TUV*/ R 50129071
Thermal cut-out for RW862*	Yuyao Zhenshen Electrical Factory	ZST-130	AC 250V, 10A , T200, Tf130, 10E3	EN 60730-1 EN 60730-2-9	TUV*/ R 50066778
Alternative	Foshan Gaoming Xi Te Electrical Co., Ltd.	AMT	AC 250V, 10A , 125V, 15A, T130, Tf130, 2E3	EN 60730-1 EN 60730-2-9	VDE*/ 40003591
Alternative	Foshan Shunde Zhuo Jian Hardware & Electrical Mfr. Co. Ltd.	ZJT-1 ZJT-1B	AC 250V, 10A , 125V, 15A, T130, Tf130, 4E3	EN 60730-1 EN 60730-2-9	VDE*/ 40006310
Alternative	Foshan Chan Cheng Eagle Technology Co. Ltd.	AMT-C1-130	AC 250V, 10A, 10E3, T140, Tf130	EN 60730-1 EN 60730-2-9	VDE*/ 40013299
Alternative	Foshan Chan Cheng Eagle Technology Co. Ltd.	AMT-C1B	AC 250V, 10A , T140, Tf130, 1E4	EN 60730-1 EN 60730-2-9	VDE*/ 40027862
Alternative	Au One Electrical Company Ltd.	AUT-130	AC 250V, 10A , 125V 16A, T150, Tf130, 10E3	EN 60730-1 EN 60730-2-9	VDE*/ 117928
Alternative	Yuyao Zhenshen Electrical Factory	ZST-II	AC 250V, 10A, AC 125V, 15A, T150, Tf130, 4E3	EN 60730-1 EN 60730-2-9	TUV*/ R 50129071
X2 Capacitor (for RW806*, RW806S*)	Dain Electronic Co., Ltd.	MPX	AC 275V, X2, 0,1µF, 40/110/21/C	EN 60384-14	VDE*/ 40018798
Alternative	Liaoning Diya Capacitor Co., Ltd.	MKP-X2	AC280V, X2, 0,1µF, 40/100/21/C	EN 60384-14	VDE*/ 40019857
Alternative	Cixi Sanbei Electronic Co., Ltd.	MPX	275V~, X2, 0,1µF, 40/100/21/C	EN 60384-14	VDE*/ 134381
X2 Capacitor (for RW807*, RW862*)	Dain Electronic Co., Ltd.	MPX	AC275V, X2, 0,22µF, 40/110/21/C	EN 60384-14	VDE*/ 40018798
Alternative	Liaoning Diya Capacitor Co., Ltd.	MKP-X2	AC280V, X2, 0,22µF, 40/100/21/C	EN 60384-14	VDE*/ 40019857
Alternative	Cixi Sanbei Electronic Co., Ltd.	MPX	275V~, X2, 0,22µF, 40/100/21/C	EN 60384-14	VDE*/ 134381

### Attachment to Certificate No.: 13SHH0163-02

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity <sup>1)</sup>
Internal wire	Hanstar Fluoro-Plastic Insulated Electric Wires	1332	22AWG, 200°C, 300V UL E159007	EN60335-2-23	Tested with appliance
Alternative	Yueqing City Yage Hi- temp Cable Co., Ltd	1332	22AWG, 200°C, 300V UL E316271	EN60335-2-23	Tested with appliance
Alternative	DongGuan Nistar Transmitting Technology Co. Inc.	1332	22AWG, 200°C, 300V, UL E214184	EN60335-2-23	Tested with appliance
Alternative	Shanghai Shenyuan High Temperature Wire Co., Ltd.	1332	22AWG, 200°C 300V (E252215)	EN60335-2-23	Tested with appliance
Ionizer for RW807AF, RW807BF, RW862AF, RW862BF	Foshan Shunde Youji Electronic Co., Ltd.	YFA-223M	AC 180-250V, 50/60Hz, 1W, T60	EN60335-1 EN60335-2-65	TUV*/R 50118737
Alternative	Cixi Honge Electric Appliances Co., Ltd.	FF-350 FF-370	AC 220-240V, 50/60Hz, 1W, T60	EN60335-1 EN60335-2-65	TUV*/R 50124797
Alternative	Cixi Zhouxiang Heli Electrical Appliance Factory.	HL-F18 HL-F28 HL-F78	AC 220-240V, 50/60Hz, ≤1W, T75	EN60335-1 EN60335-2-65	TUV PS*/ B 12 09 67061 002
Motor(for RW806* RW806S*)	Ningbo Riwei Electrical Appliances Co., Ltd.	RWRS365S	DC 18V, Class 120	EN60335-2-23	Tested with appliance
Motor (for RW807*, RW862*)	Ningbo Riwei Electrical Appliances Co., Ltd.	RWRS385S	DC 36V, Class 120	EN60335-2-23	Tested with appliance
Mica plate	Pingan Electric Material Co., Ltd.	HP5M	Min Thickness: 0,5mm	EN60335-2-23	Tested with appliance
Alternative	Jiaxing Rongtai Electric Material Co., Ltd.	R-5660	Min Thickness: 0,5mm	EN60335-2-23	Tested with appliance
Heating element	Shunfa Electrical Heating Material Co., Ltd.	0Cr25Al5	Ø 0,2 mm, Ø 0,22 mm, Ø 0,4 mm, Ø 0,42 mm, Ø 0,48 mm, Ø 0,5 mm,	EN60335-2-23	Tested with appliance
Wire connector	Heavy Power Co., Ltd.	CE1, CE2	Min thickness: 1,0mm (E113650)	EN60335-2-23	Tested with appliance
Enclosure	China Petroleum Natural Gas Co., Ltd.( Jilin Chemical Industry Company research Academy)	ABS+PC	White, Gray, Blue, Black, Red color Min thickness: 1,5mm	EN60335-2-23 ZEK 01.4-08	Tested with appliance
Handle	China Petroleum Natural Gas Co., Ltd.( Jilin Chemical Industry Company research Academy)	ABS	Pale green, Pale brown, Gray, Blue, Black, Red color Min thickness: 1,5mm	EN60335-2-23 ZEK 01.4-08	Tested with appliance
Cylinder	China Petroleum Natural Gas Co., Ltd.( Jilin Chemical Industry Company research Academy)	PA	Min thickness: 1,2mm	EN60335-2-23	Tested with appliance
Motor Support	China Petroleum Natural Gas Co., Ltd.( Jilin Chemical Industry Company research Academy)	PC	Min thickness: 1,5mm	EN60335-2-23	Tested with appliance
Switch knob	China Petroleum Natural Gas Co., Ltd.( Jilin Chemical Industry Company research Academy)	ABS	White, Gray, Blue, Black, Red color Min thickness: 1,5mm	EN60335-2-23 ZEK 01.4-08	Tested with appliance

### Attachment to Certificate No.: 13SHH0163-02

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity <sup>1)</sup>
Cord bushing	Ningbo Riwei Electrical Appliances Co., Ltd.	PVC	Black color Min thickness: 1,5mm	EN60335-2-23 ZEK 01.4-08	Tested with appliance

<sup>1)</sup> An asterisk indicates a mark which assures the agreed level of surveillance.

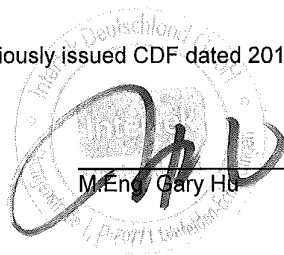
### Modification Summary

The following changes have been made to this CDF:

Date	Local Project no.	Description of Change
2014-02-18	140100696SHA	1. Add four new models RW807* (*=A, AF, B, BF) and delete two original models RW807 and RW807F. RW807* (*=A, B) are same as original model RW807 except the rated power input and circuits are changed, same to RW807* (*=AF, BF) and RW807F. 2. Re-evaluate PAH requirements (ZEK01.4-08). 3. Update table 24.1.

This CDF replaces previously issued CDF dated 2013-01-28.

Signed



Mr. Eng Gary Hu

Date 2014-02-19