

1.0 Reference and Address			
Report Number	190701142SHA-001	Original Issued: 6-Aug-2019	Revised: 17-Jul-2023
Standard(s)	Movable and Wall- or Ceiling-Hung Electric Room Heaters [UL 1278:2014 Ed.4+R:21Feb2022] Electric Air-Heaters (R2018) [CSA C22.2#46:2013 Ed.9]		
Applicant	CIXI BOTAI ELECTRIC TECH CO., LTD	Manufacturer	CIXI BOTAI ELECTRIC TECH CO., LTD
Address	Fuhai Industrial Zone, Fuhai Town Cixi, Zhejiang	Address	Fuhai Industrial Zone, Fuhai Town Cixi, Zhejiang
Country	China	Country	China
Contact	Mr. Wei Ying	Contact	Mr. Wei Ying
Phone	86-15957886440	Phone	86-15957886440
FAX	NA	FAX	NA
Email	3762312@qq.com	Email	3762312@qq.com

2.0 Product Description	
Product	Electric Fireplace Heater
Brand name	air choice, KONWIN, TRUSTECH, Climate choice, ECOTRONIC, KOOLWOOM, PATIO BOSS, SUNDAY LIVING, PRO CHOICE, LIFEPLUS, CHOICE PLUS, AINFOX, Kismile, R.W.FLAME, HOMCOM, Antarctic Star, AGLUCKY, Xbeauty, Joy Pebble, COWSAR, IQTRONIC, DOOYAOPLUS
Description	The products covered by this test report are Electric Fireplaces intended for household & indoor use only. Each product is provided with an attached flexible power supply cord terminated in a molded on polarized plug.
Models	YH-15, YH-15(1), YH-16, YH-17-11, YH-17-12, YH-17-13, YH-17-11B, YH-19, YH-19B, YH-19C, YH-20, YH-20-1, YH-20-2, YH-20-1A, YH-20-1B, YH-20-1C, YH-20-1A(1), YH-20-1B(1), YH-20-1C(1), FP202C, SFP203, SFP202E, SFP201A, YH-2001, SPF203C, HA-HT018, HA-HT003, SFP203C, YH-15(2), YH-20-1A(2), YH-20-1B(2), YH-20-1C(2), YH2201R, YH2202R, YH2302, YH2302L, YH-20-1D, YH-20-2D, YH-20-3D, YH-20-4, YH-2211

2.0 Product Description	
Model Similarity	Brand name: air choice, KONWIN, TRUSTECH, Climate choice, ECOTRONIC, KOOLWOOM, PATIO BOSS, SUNDAY LIVING, PRO CHOICE, LIFEPLUS, CHOICE PLUS, Kismile, R.W.FLAME, HOMCOM, Antarctic Star, AGLUCKY, Xbeauty, Joy Pebble, COWSAR, IQTRONIC and DOOYAOPLUS for all models. Brand name AINFOX for HA-HT018 and HA-HT003. Each of these heaters is provided with indicating an imitation flame motor and light for creating imitation flame, a fan motor and heating element which are all enclosed in metallic/plastic enclosure. Each is protected by a manual resetting thermal cut-out. There are five series products with feet: YH-15 series, YH-16 series, YH-17 series, YH-19 series, YH-20 series. They have different appearance of enclosure and size, but the heater assembly enclosure parts are the same, and they also have similar internal construction, circuits and components. YH-15 and YH-15(1) are same except the heating element, and the same different between YH-20-1A and YH-20-1A(1), YH-20-1B and YH-20-1B(1), YH-20-1C and YH-20-1C(1). Suffix "(1)" and "(2)" in models name mean the appliances using quartz tube heating element and open-wire type heating element for heating. YH-20-1D, YH-20-2D, YH-20-3D, YH-20-4 and YH-2211 also use quartz tube heating element and open-wire type heating element for heating, while the other models only using open-wire type heating element for heating. Model YH-20-1 is identical to Model YH-20 except the door, additional Regulating Thermostat and Dimmer Circuit; Models YH-20-2 is identical to Model YH-20-1 except the door. Model YH-19 is identical to Model YH-20 except the dimension of enclosure. Model YH-19B, YH-19C are identical to Model YH-19 except the dummy door shape of Front Enclosure, the same difference between YH-17-11, YH-17-12 and YH-17-13; YH-20-1A, YH-20-1B and YH-20-1C; YH-20-1A(1), YH-20-1B(1) and YH-20-1C(1); YH-20-1A(2), YH-20-1B(2) and YH-20-1C(2); YH-20-1D, YH-20-2D, YH-20-3D and YH-20-4; Models YH-20-1A and YH-15 are identical to Model YH-17-11 except for the Imitation Flame function portion (heating function portion are same). Model YH-2211 is identical to Model YH-15(1) except the dummy door shape of Front Enclosure. Model FP202C is identical to Model YH-20-1 except without the Tip Over Switch. SFP203 is identical to Model YH-17-11 except for model designation. SFP202E is identical to Model YH-20-1A except for model designation. SFP201A is identical to Model YH-19C except for model designation. YH-2001 is similar as YH-16 except the appearance of enclosure and the window. SPF203C, SFP203C and HA-HT018 are same as YH-2001 except the models name. HA-HT003 is same as YH-20-1A except the model name. YH-15(2) and YH-15(1) are same except the control mode, PCB circuit and PCB layout, internal wire connection. So as YH-20-1A(2) and YH-20-1A(1), YH-20-1B(2) and YH-20-1B(1), YH-20-1C(2) and YH-20-1C(1). There are three products with no feet: YH2201R, YH2202R, YH2302, YH2302L. They have different appearance of enclosure and size, but the heater assembly enclosure parts are the same, and they also have similar internal construction, circuits and components. Model YH2201R is identical to Model YH2202R except for the height. Model YH2302L is identical to Model YH2302 except for rating power input.
Ratings	120V~, 60Hz, 1400W for YH2302; 120V~, 60Hz, 1500W for other models
Other Ratings	NA

3.0 Product Photographs

Photo 1 - overall view of YH-16



Photo 2 - overall view of YH-16

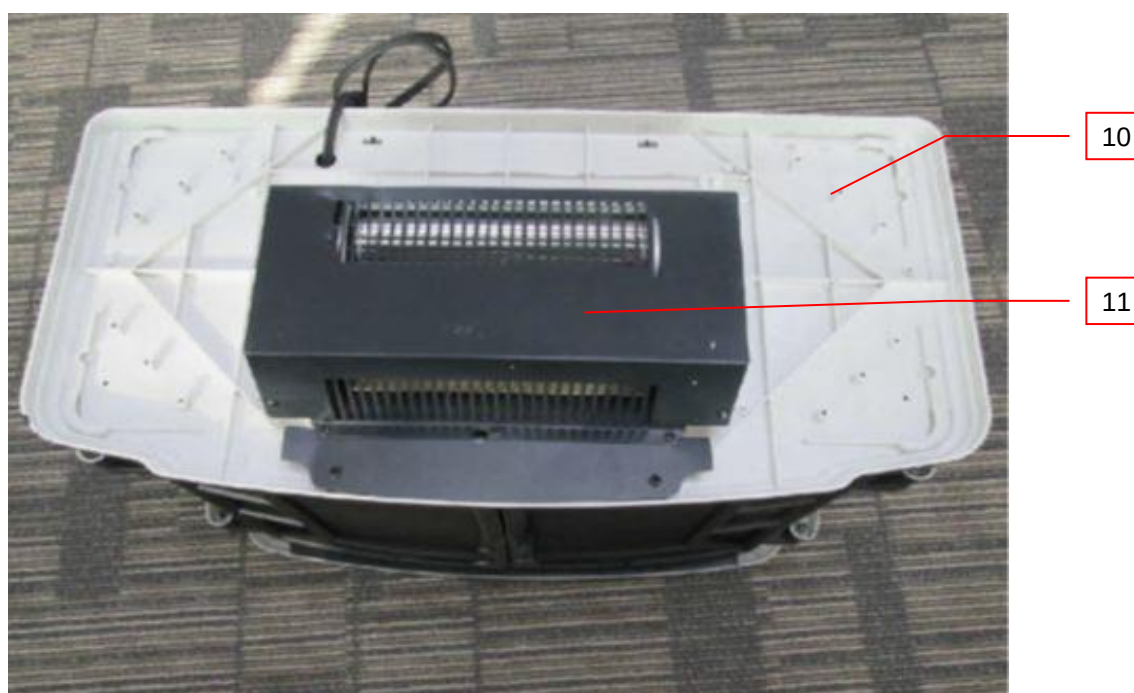


3.0 Product Photographs

Photo 3 - overall view of YH-16



Photo 4 - overall view of YH-16



3.0 Product Photographs

Photo 5 - internal view of all models except YH-15(1), YH-20-1A(1), YH-20-1B(1), YH-20-1C(1), YH-15(2), YH-20-1A(2), YH-20-1B(2), YH-20-1C(2), YH-20-1D, YH-20-2D, YH-20-3D, YH-20-4, YH-2211

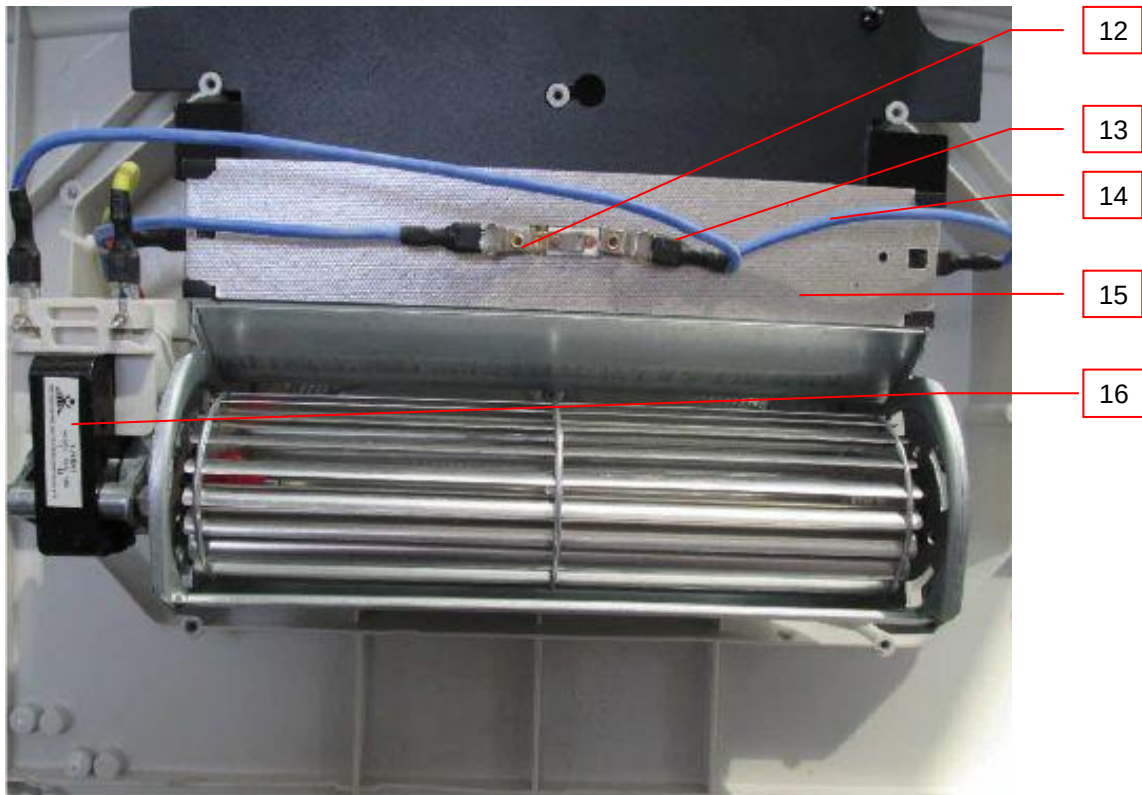
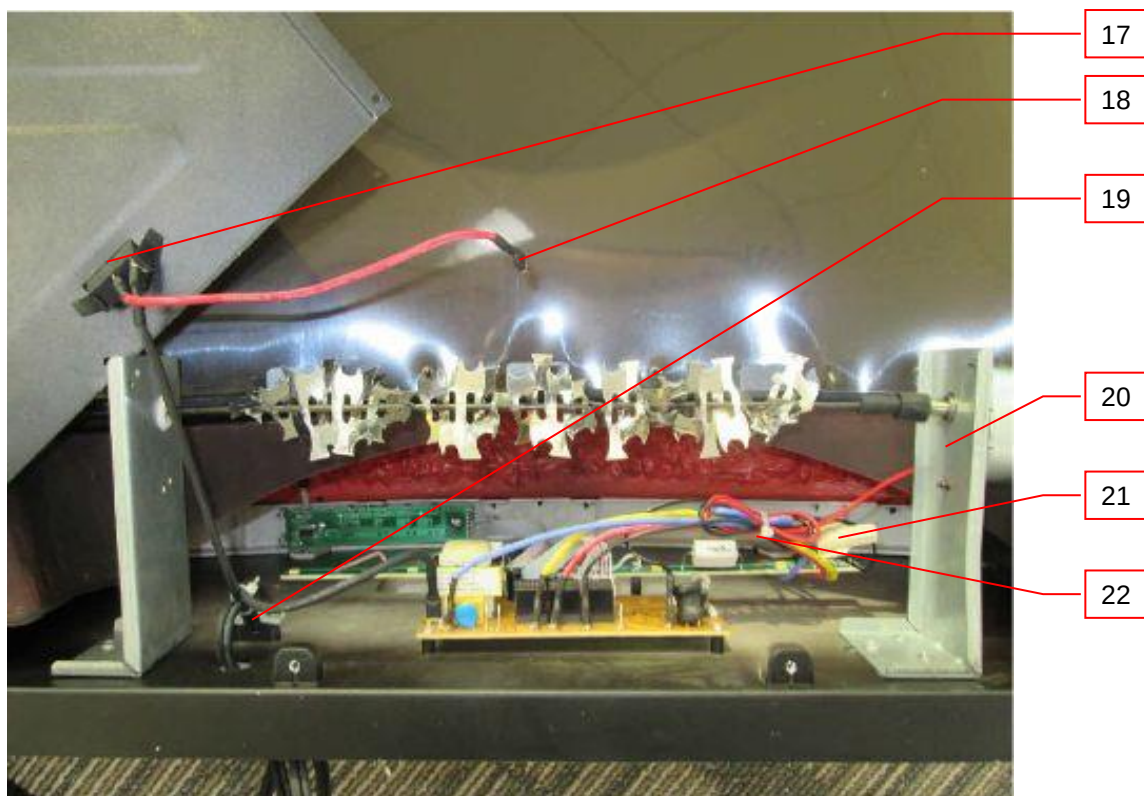


Photo 6 - internal view of YH-16



3.0 Product Photographs

Photo 7 - PCB view of YH-16

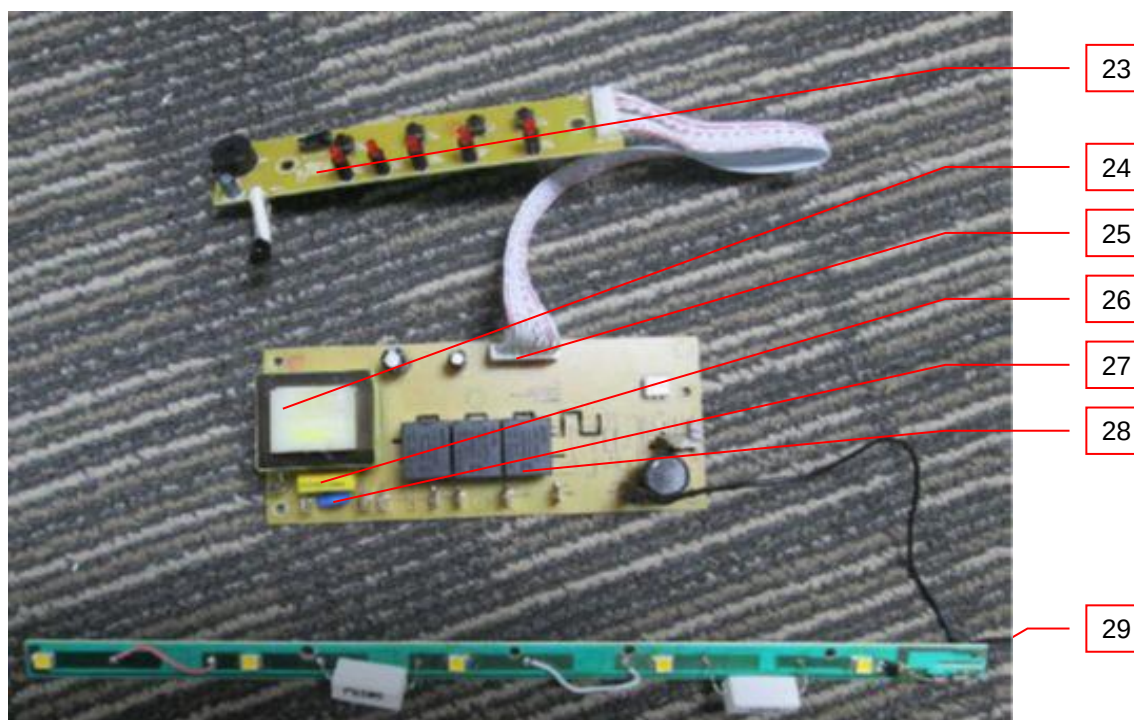
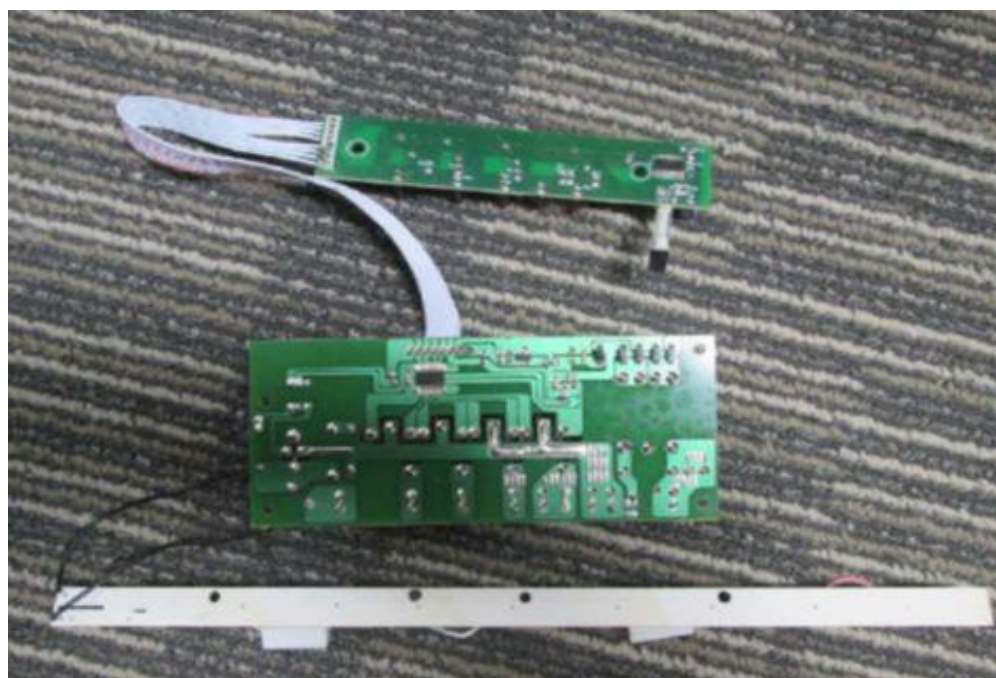


Photo 8 - PCB view of YH-16



3.0 Product Photographs

Photo 9 - overall view of YH-20



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Photo 10 - overall view of YH-20



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3.0 Product Photographs

Photo 11 - overall view of YH-20



Photo 12 - overall view of YH-20



3.0 Product Photographs

Photo 13 - heating element view of all models except YH-15(1), YH-20-1A(1), YH-20-1B(1), YH-20-1C(1), YH-15(2), YH-20-1A(2), YH-20-1B(2), YH-20-1C(2), YH-20-1D, YH-20-2D, YH-20-3D, YH-20-4, YH-2211

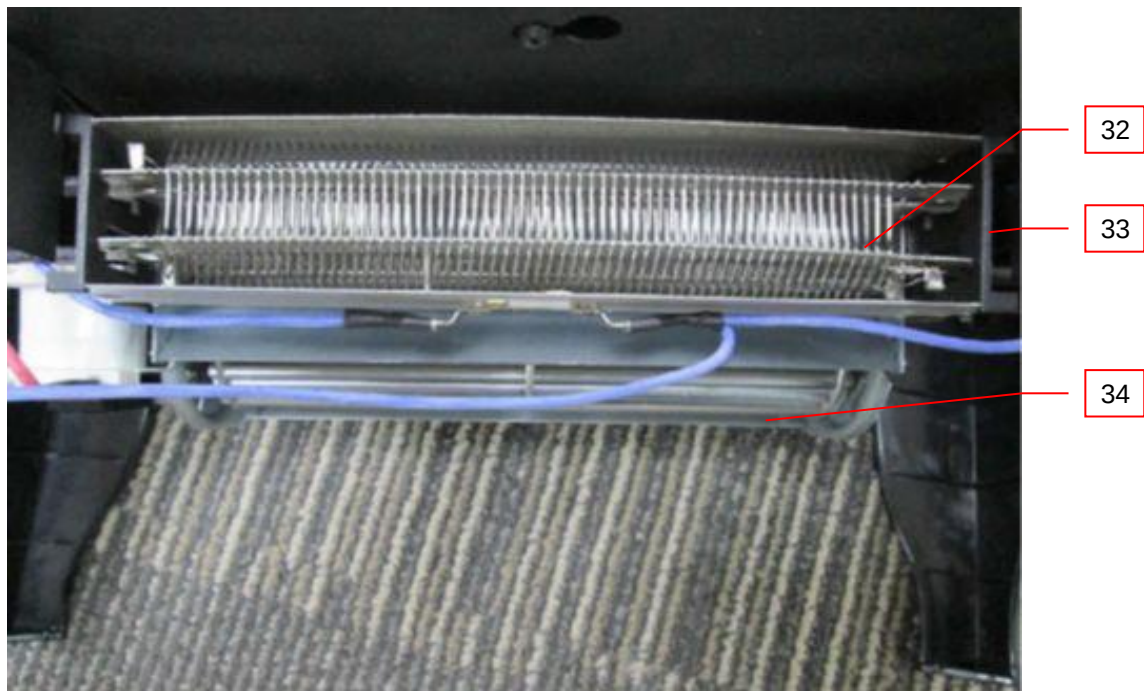
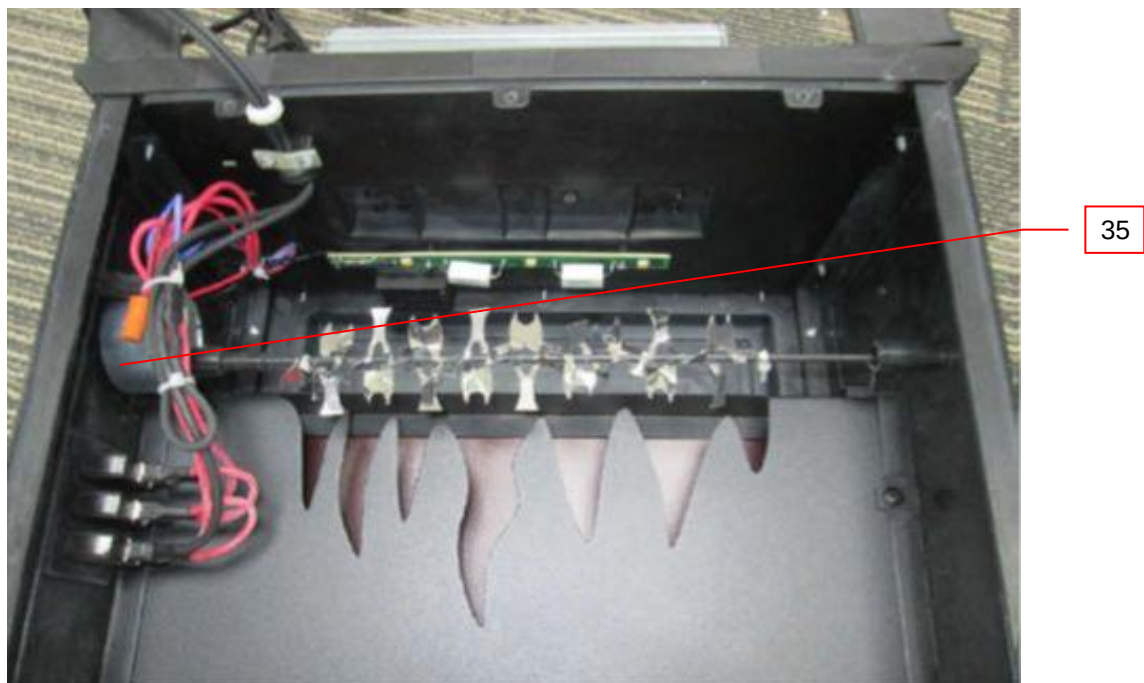


Photo 14 - internal view of YH-20



3.0 Product Photographs

Photo 15 - overall view of YH-20-1, FP202C



Photo 16 - overall view of YH-20-1, FP202C



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3.0 Product Photographs

Photo 17 - internal view of FP202C

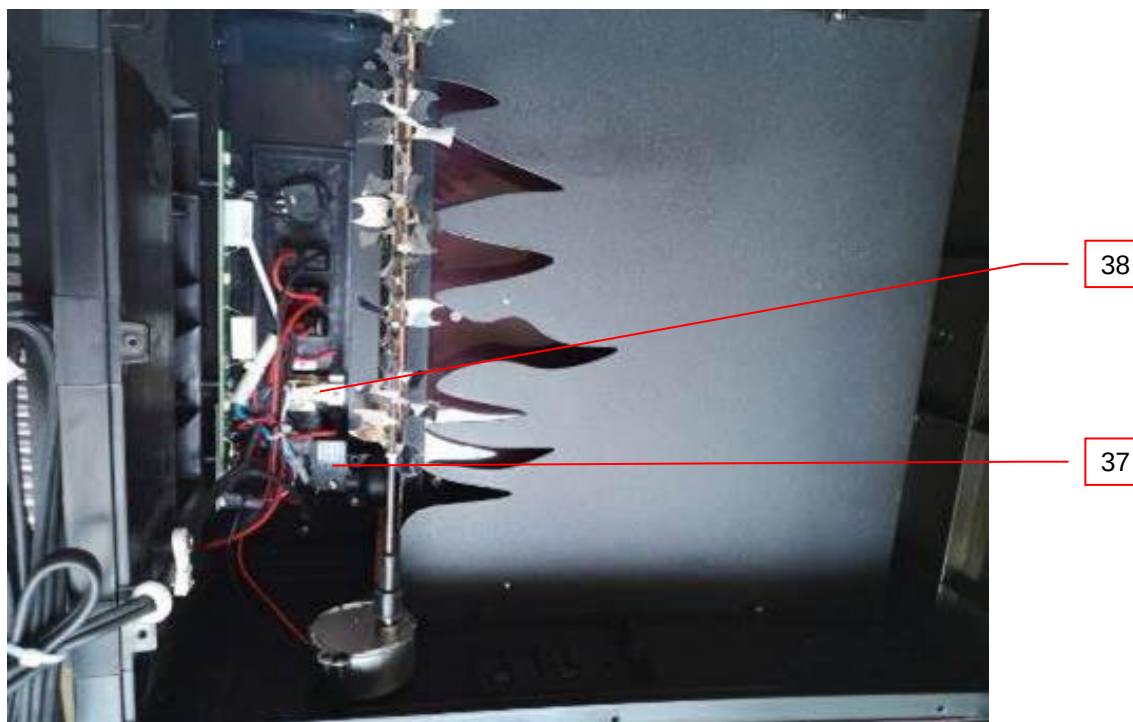


Photo 18 - overall view of YH-20-2

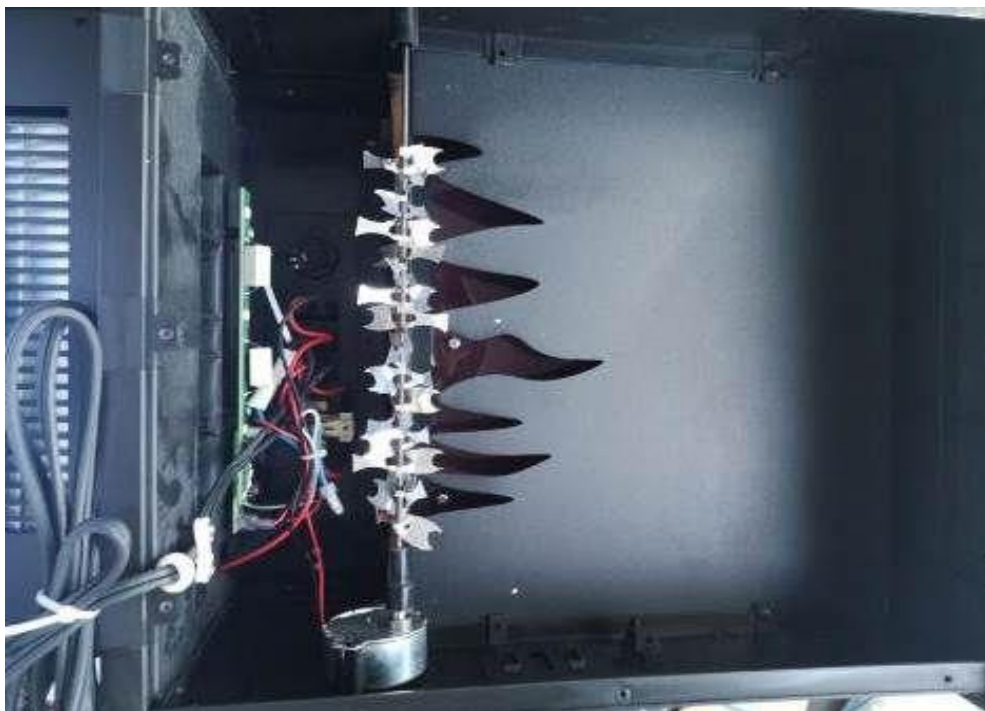


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Photo 19 - overall view of YH-20-2



Photo 20 - internal view of YH-20-2, YH-20-1



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Photo 21 - PCB view of YH-15, YH-15(1), YH-17-11, YH-17-12, YH-17-13, YH-17-11B, YH-20-1, YH-20-2, YH-20-1A, YH-20-1B, YH-20-1C, YH-20-1A(1), YH-20-1B(1), YH-20-1C(1), FP202C, SFP203, SFP202E, YH-20-1D, YH-20-2D, YH-20-3D, YH-20-4, YH-2211

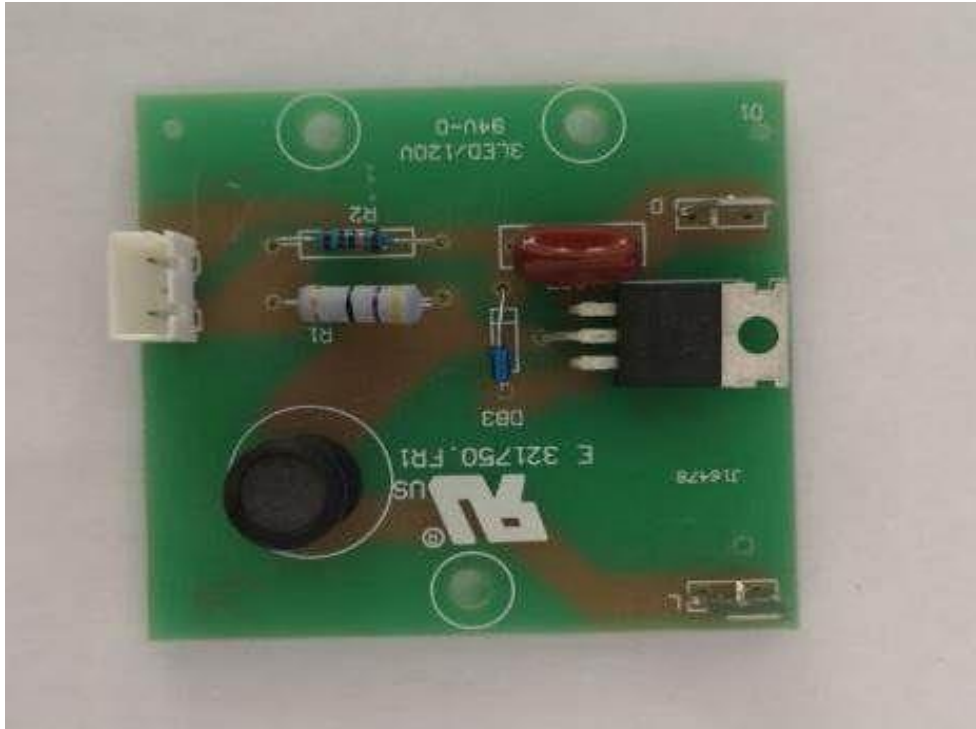
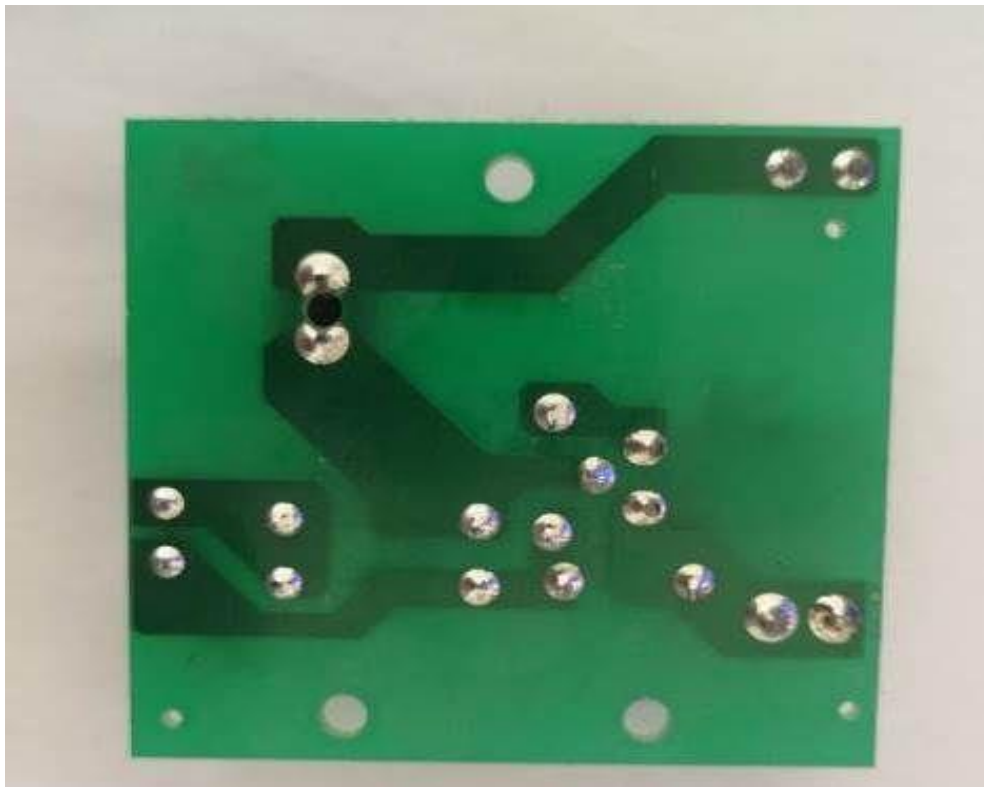


Photo 22 - PCB view of YH-15, YH-15(1), YH-17-11, YH-17-12, YH-17-13, YH-17-11B, YH-20-1, YH-20-2, YH-20-1A, YH-20-1B, YH-20-1C, YH-20-1A(1), YH-20-1B(1), YH-20-1C(1), FP202C, SFP203, SFP202E, YH-20-1D, YH-20-2D, YH-20-3D, YH-20-4, YH-2211



3.0 Product Photographs

Photo 23 - overall view of YH-19



Photo 24 - overall view of YH-19B



3.0 Product Photographs

Photo 25 - overall view of YH-19C



Photo 26 - overall view of YH-19, YH-19B, YH-19C, SFP201A



3.0 Product Photographs

Photo 27 - overall view of YH-19, YH-19B, YH-19C, SFP201A



Photo 28 - overall view of YH-19, YH-19B, YH-19C, SFP201A



3.0 Product Photographs

Photo 29 - internal view of YH-19, YH-19B, YH-19C, SFP201A

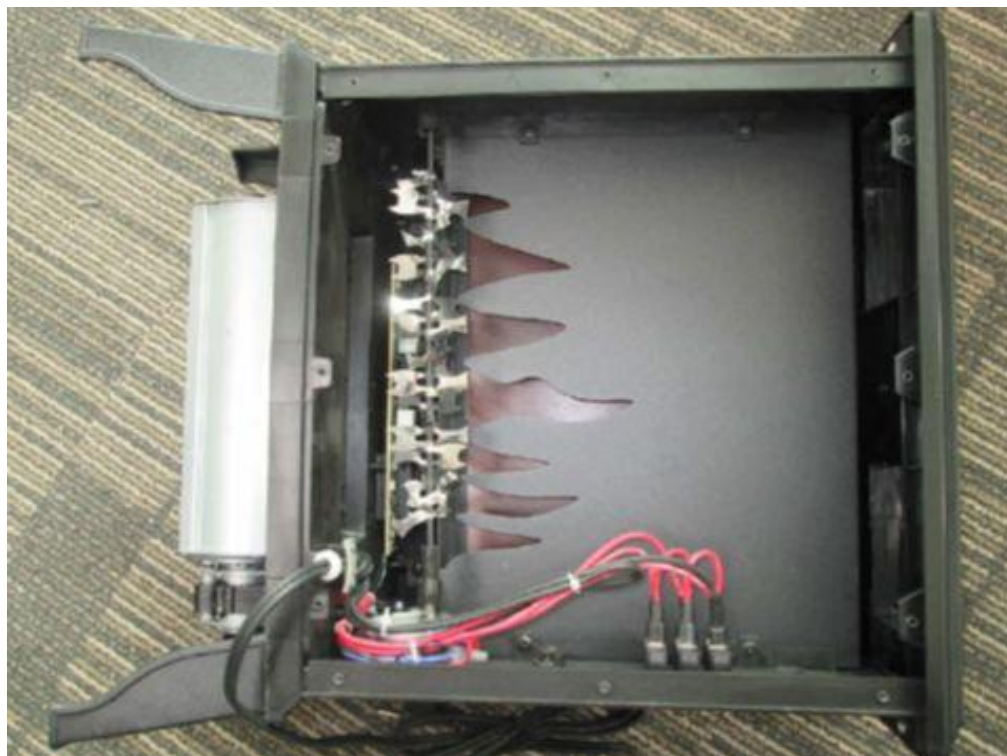


Photo 30 - overall view of YH-17-11, SFP203



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3.0 Product Photographs

Photo 31 - overall view of YH-17-12



Photo 32 - overall view of YH-17-13



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Photo 33 - overall view of YH-17-11B



Photo 34 - overall view of YH-17-11, YH-17-12, YH-17-13, YH-17-11B, SFP203



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Photo 35 - overall view of YH-17-11, YH-17-12, YH-17-13, YH-17-11B, SFP203

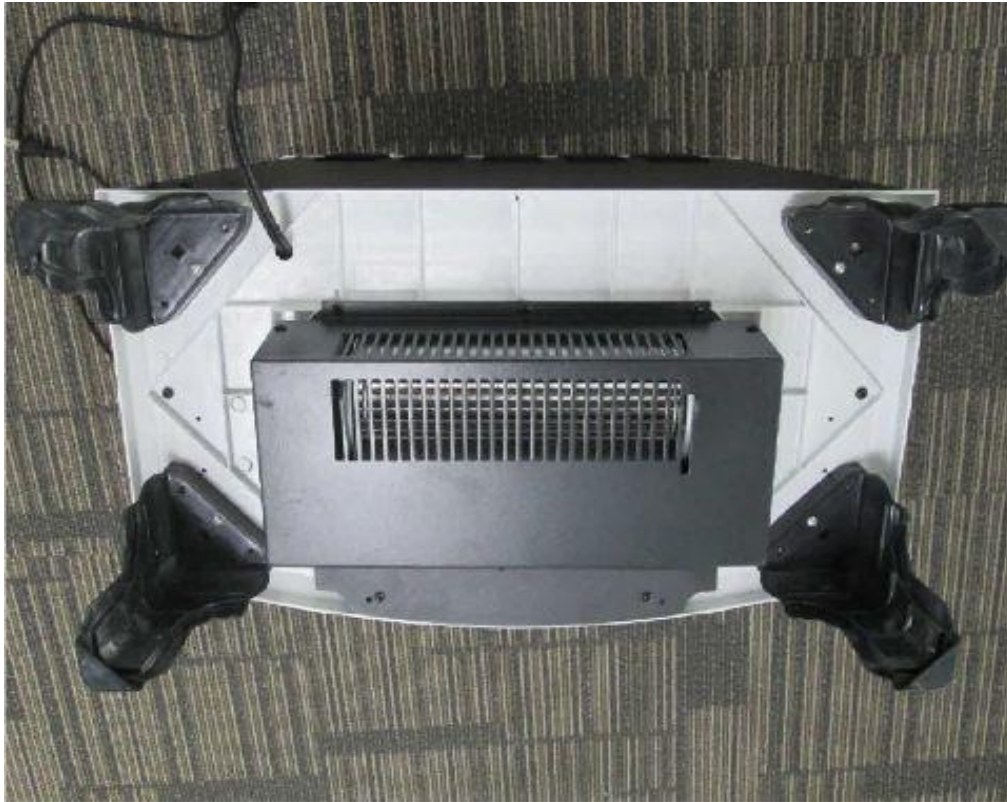


Photo 36 - overall view of YH-17-11, YH-17-12, YH-17-13, YH-17-11B, SFP203



3.0 Product Photographs

Photo 37 - internal view of YH-17-11, YH-17-12, YH-17-13, YH-17-11B, SFP203



Photo 38 - overall view of YH-20-1A, YH-20-1A(1), SFP202E, YH-20-1A(2)



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Photo 39 - overall view of YH-20-1B, YH-20-1B(1), YH-20-1B(2)



Photo 40 - overall view of YH-20-1C, YH-20-1C(1), YH-20-1C(2)

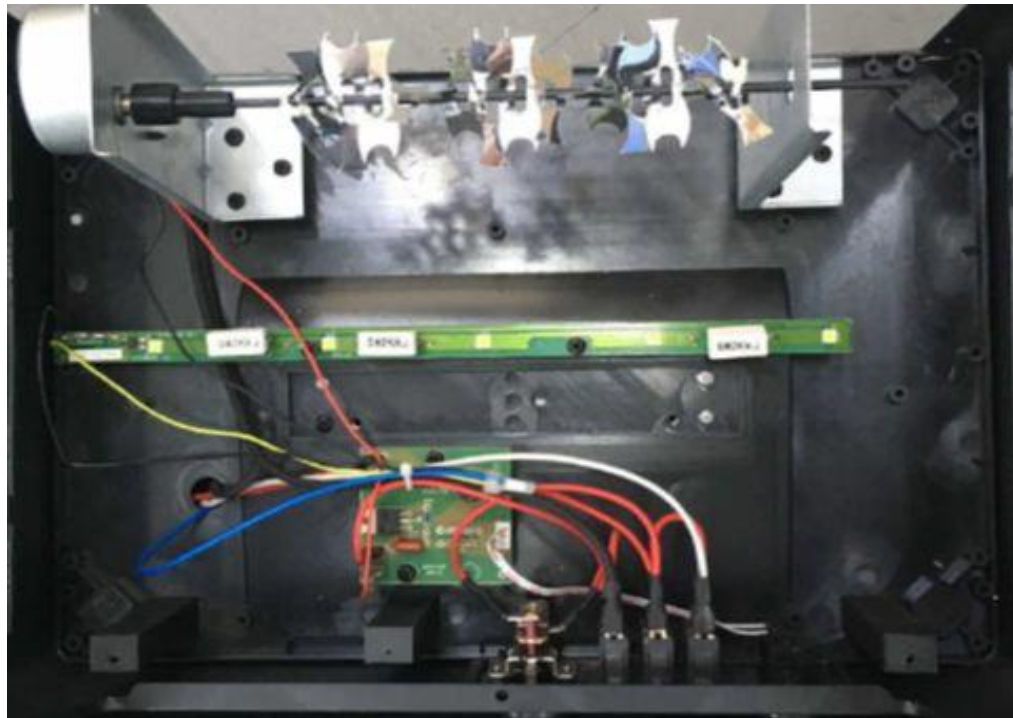


3.0 Product Photographs

Photo 41 - overall view of YH-20-1A, YH-20-1A(1), YH-20-1B, YH-20-1B(1), YH-20-1C, YH-20-1C(1), SFP202E, YH-20-1A(2), YH-20-1B(2), YH-20-1C(2), YH-20-1D, YH-20-2D, YH-20-3D, YH-20-4



Photo 42 - internal view of YH-20-1A, YH-20-1A(1), YH-20-1B, YH-20-1B(1), YH-20-1C, YH-20-1C(1), SFP202E, YH-20-1D, YH-20-2D, YH-20-3D, YH-20-4

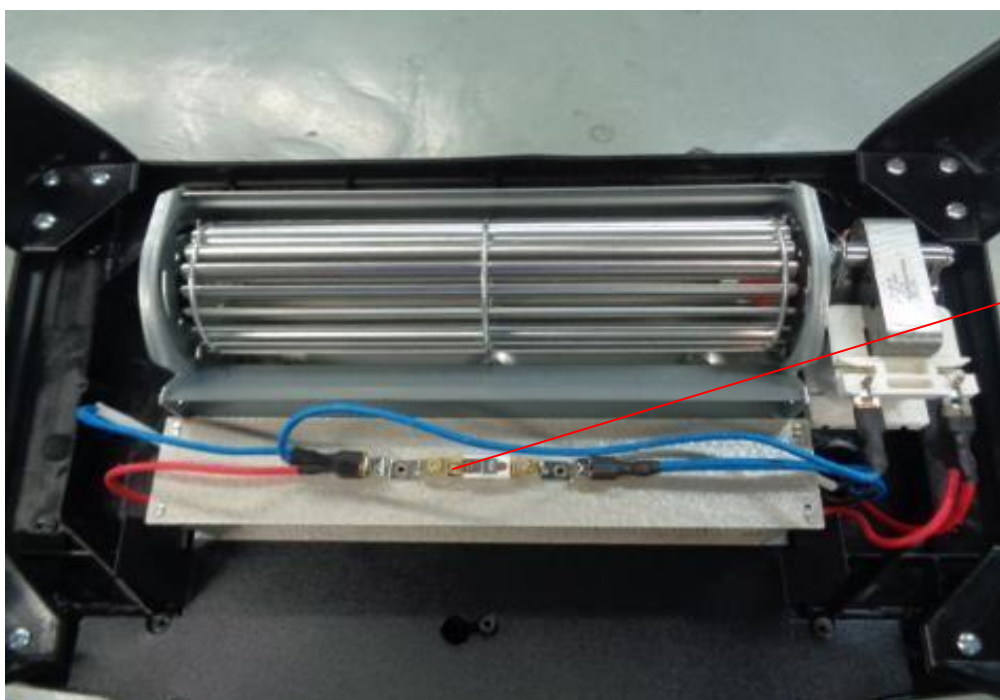


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Photo 43 - overall view of YH-15, YH-15(1), YH-15(2)



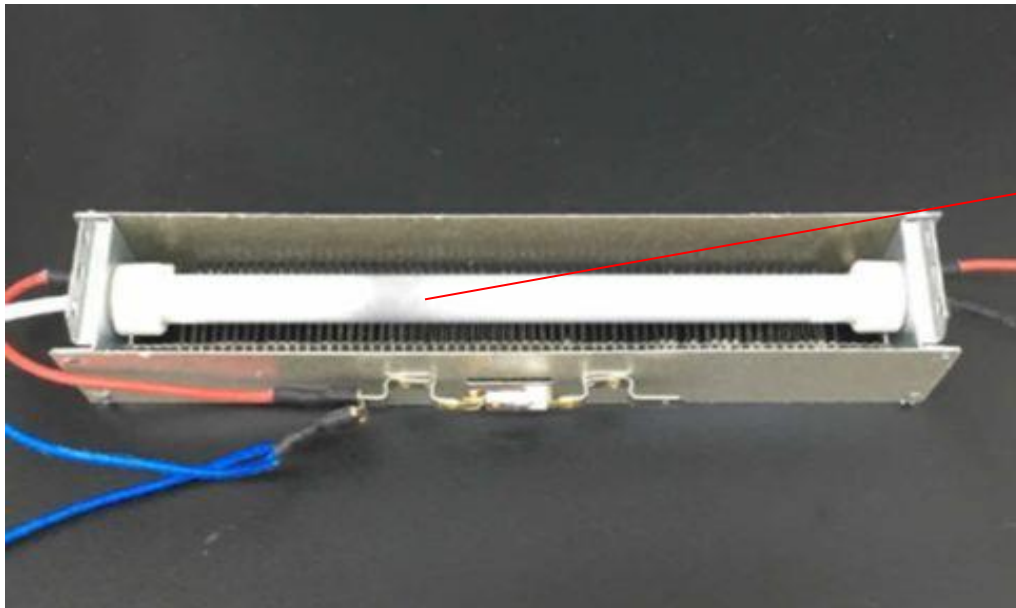
Photo 44 - internal view of YH-15(1), YH-20-1A(1), YH-20-1B(1), YH-20-1C(1), YH-15(2), YH-20-1A(2), YH-20-1B(2), YH-20-1C(2), YH-20-1D, YH-20-2D, YH-20-3D, YH-20-4, YH-2211



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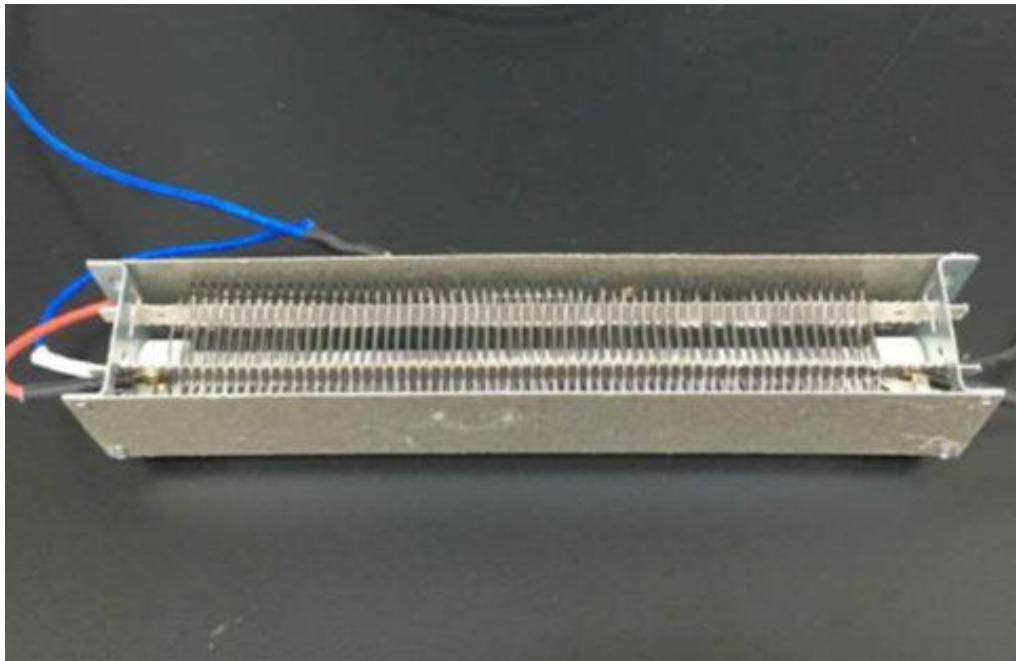
3.0 Product Photographs

Photo 45 - heating element view of YH-15(1), YH-20-1A(1), YH-20-1B(1), YH-20-1C(1), YH-15(2), YH-20-1A(2), YH-20-1B(2), YH-20-1C(2), YH-20-1D, YH-20-2D, YH-20-3D, YH-20-4, YH-2211



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Photo 46 - heating element view of YH-15(1), YH-20-1A(1), YH-20-1B(1), YH-20-1C(1), YH-15(2), YH-20-1A(2), YH-20-1B(2), YH-20-1C(2), YH-20-1D, YH-20-2D, YH-20-3D, YH-20-4, YH-2211



3.0 Product Photographs

Photo 47 - overall view of YH-2001



Photo 48 - overall view of YH-2001



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Photo 49 - overall view of YH-2001



Photo 50 - overall view of YH-2001

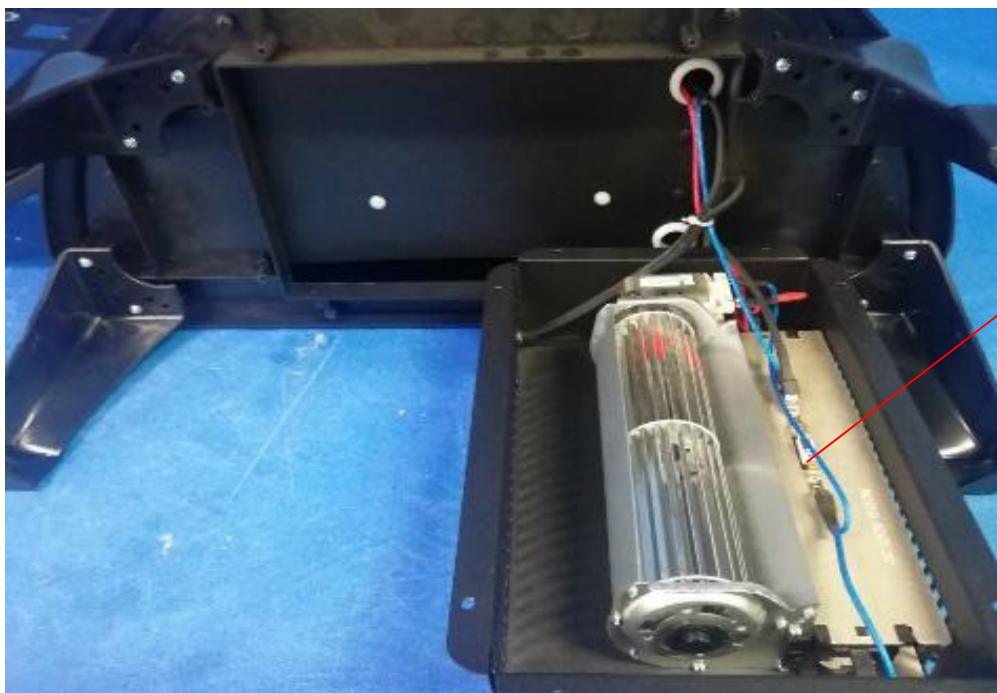


3.0 Product Photographs

Photo 51 - internal view of YH-2001



Photo 52 - internal view of YH-2001



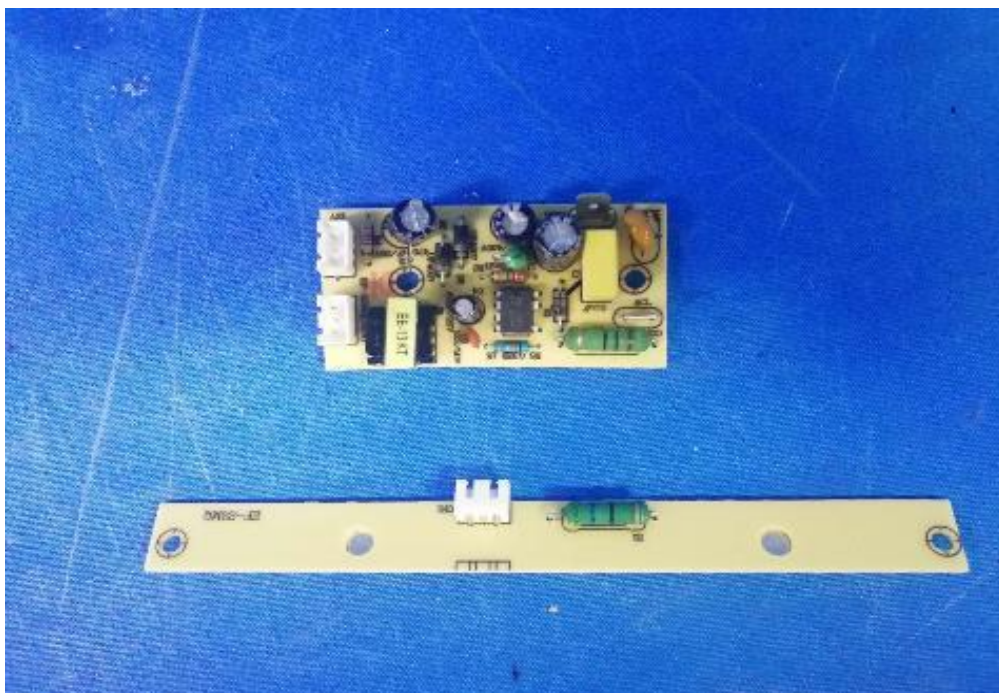
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3.0 Product Photographs

Photo 53 - internal view of YH-2001



Photo 54 - PCB view of YH-2001



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Photo 55 - PCB view of YH-2001

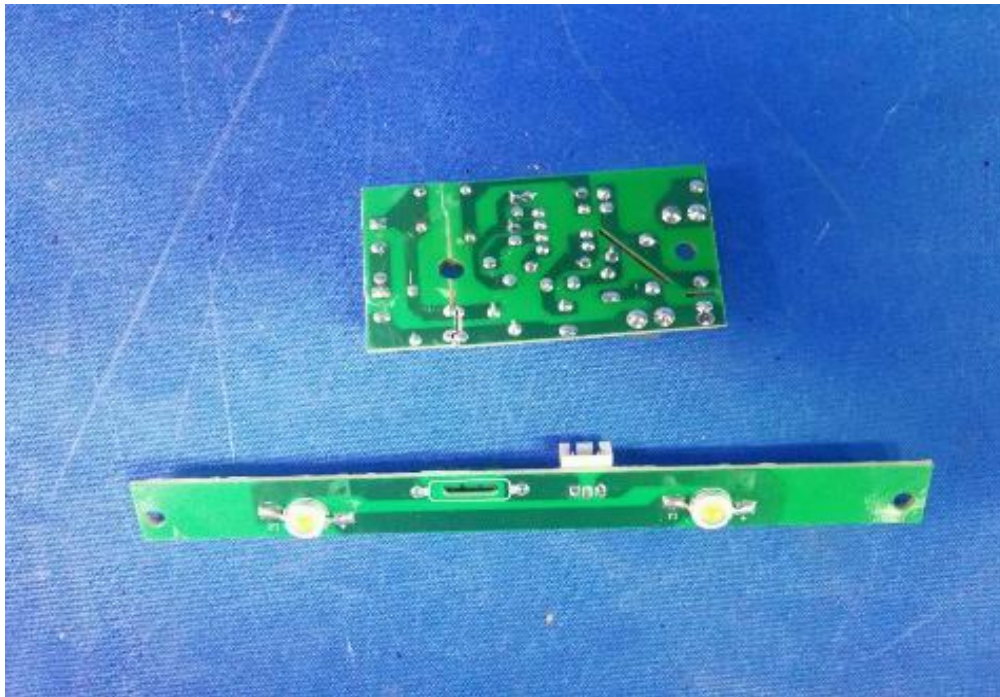


Photo 56 - Control panel view of YH-20-1A(2), YH-20-1B(2), YH-20-1C(2)



3.0 Product Photographs

Photo 57 - Internal view of YH-20-1A(2), YH-20-1B(2), YH-20-1C(2)

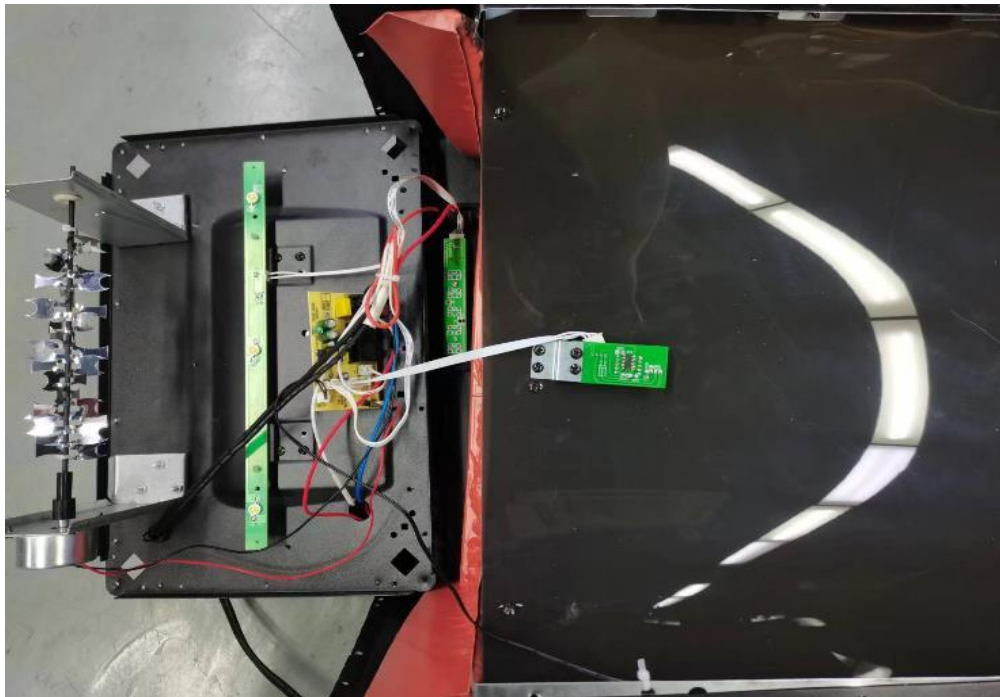
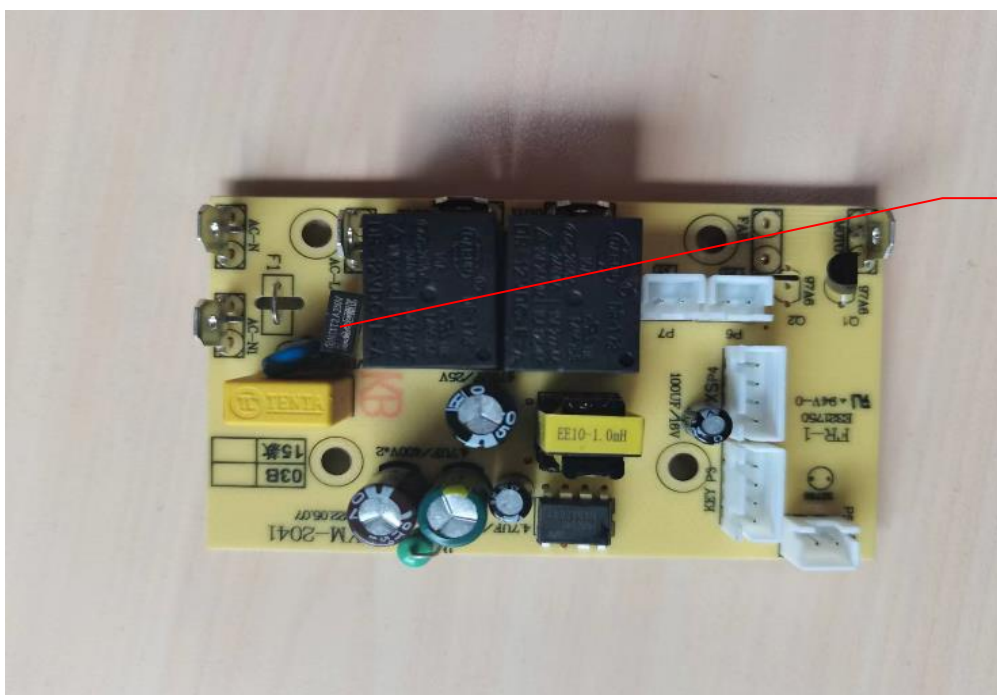


Photo 58 - Power PCB view of YH-15(2), YH-20-1A(2), YH-20-1B(2), YH-20-1C(2), YH2302, YH2302L



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3.0 Product Photographs

Photo 59 - Power PCB view of YH-15(2), YH-20-1A(2), YH-20-1B(2), YH-20-1C(2), YH2302, YH2302L

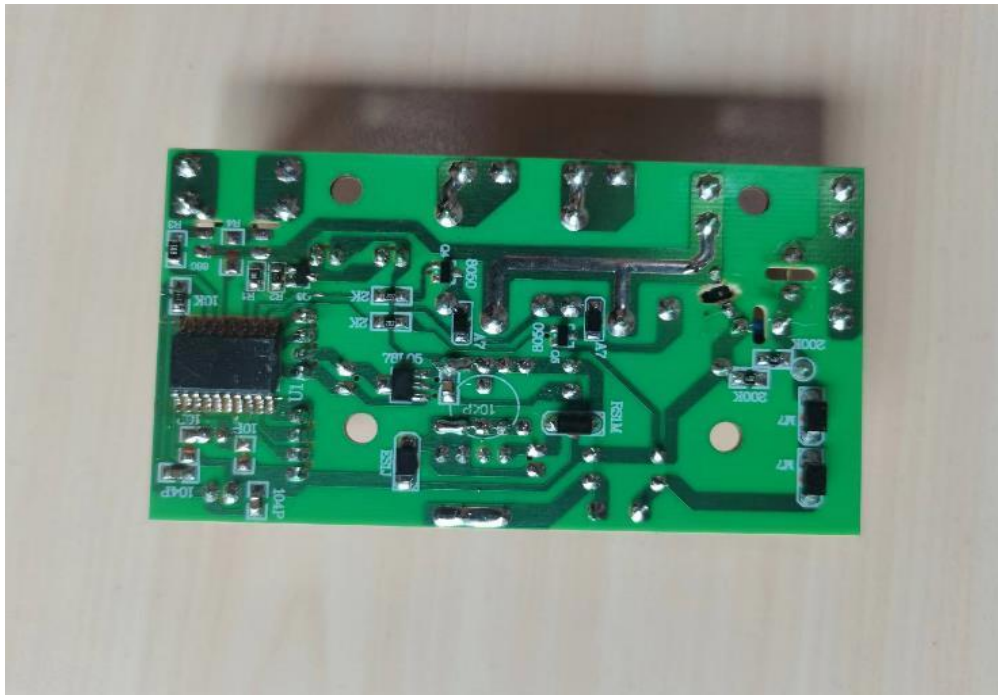
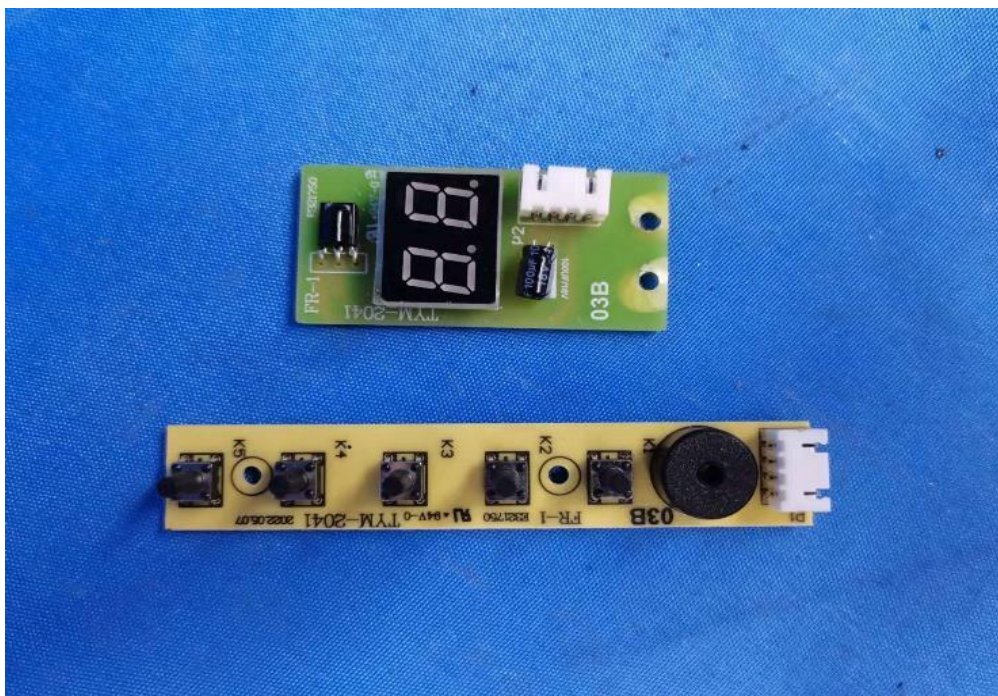


Photo 60 - Control PCB view of YH-15(2), YH-20-1A(2), YH-20-1B(2), YH-20-1C(2)



3.0 Product Photographs

Photo 61 - Control PCB view of YH-15(2), YH-20-1A(2), YH-20-1B(2), YH-20-1C(2)

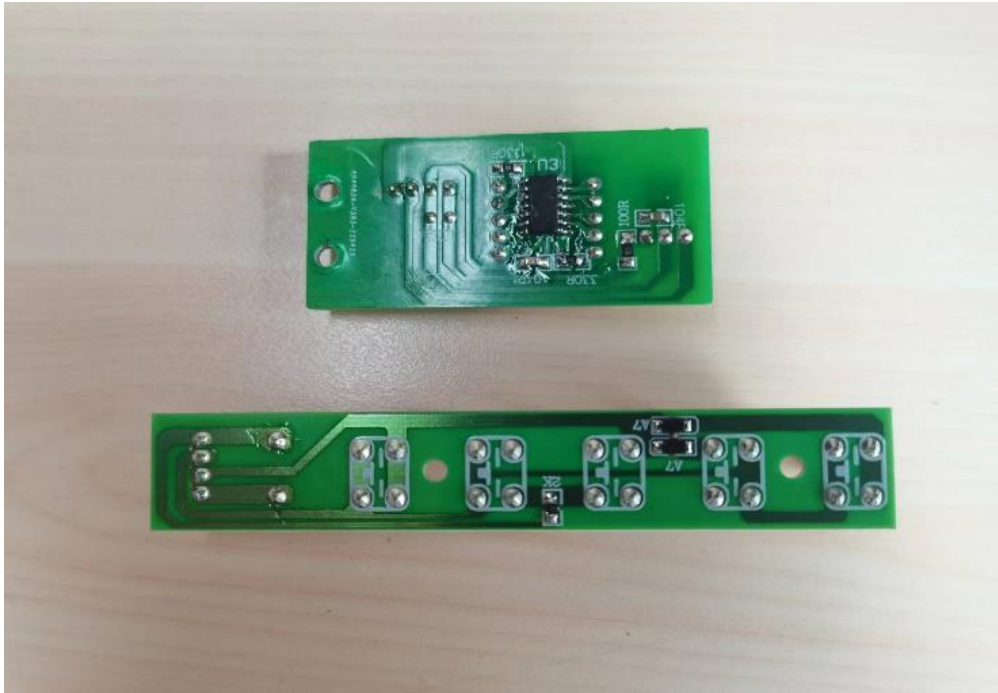


Photo 62 - Control panel view of YH-15(2)



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Photo 63 - Internal view of YH-15(2)

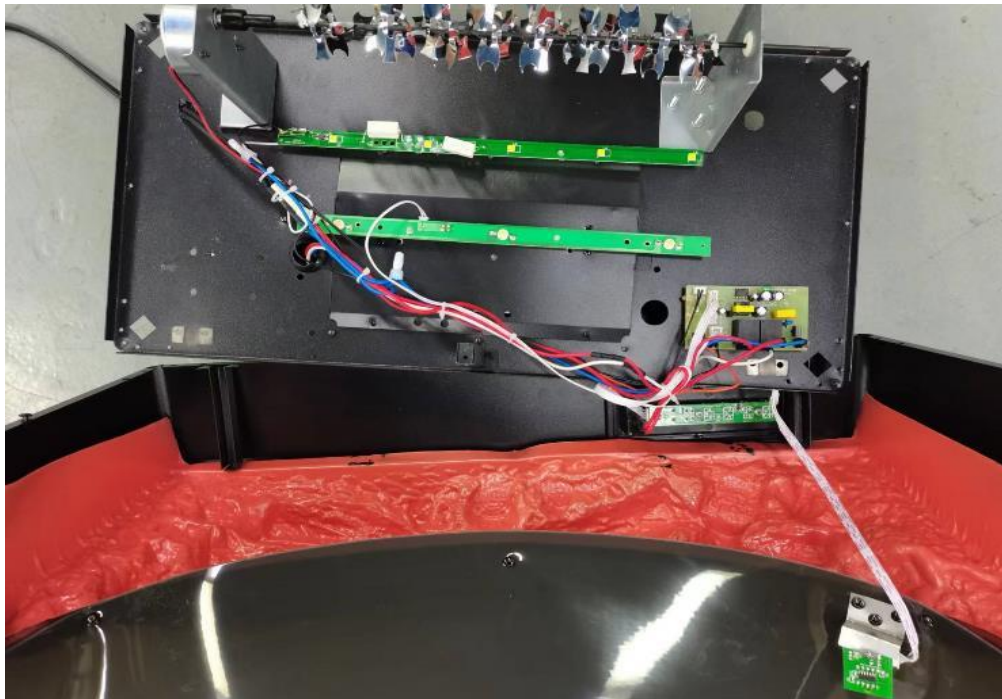


Photo 64 - overall view of YH-20-1D



3.0 Product Photographs

Photo 65 - overall view of YH-20-1D



Photo 66 - overall view of YH-20-2D



3.0 Product Photographs

Photo 67 - overall view of YH-20-2D



Photo 68 - overall view of YH-20-3D



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Photo 69 - overall view of YH-20-3D



Photo 70 - overall view of YH-20-4



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Photo 71 - overall view of YH-20-4



Photo 72 - overall view of YH-2211



3.0 Product Photographs

Photo 73 - overall view of YH-2211



Photo 74 - overall view of YH2302, YH2302L



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Photo 75 - overall view of YH2302, YH2302L



Photo 76 - overall view of YH2302, YH2302L



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Photo 77- internal view of YH2302, YH2302L

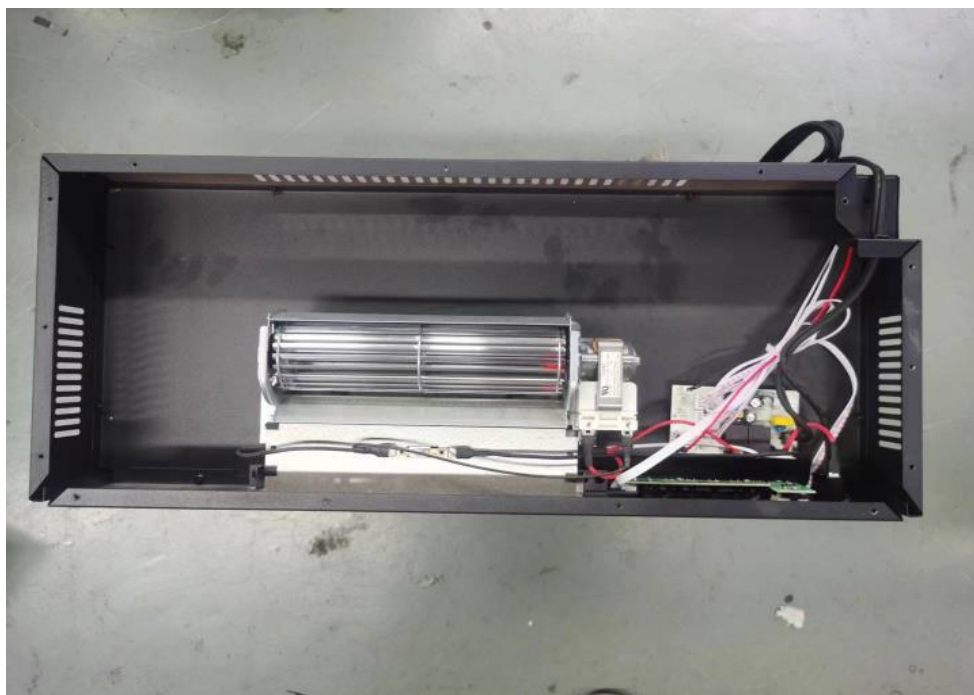


Photo 78- internal view of YH2302, YH2302L

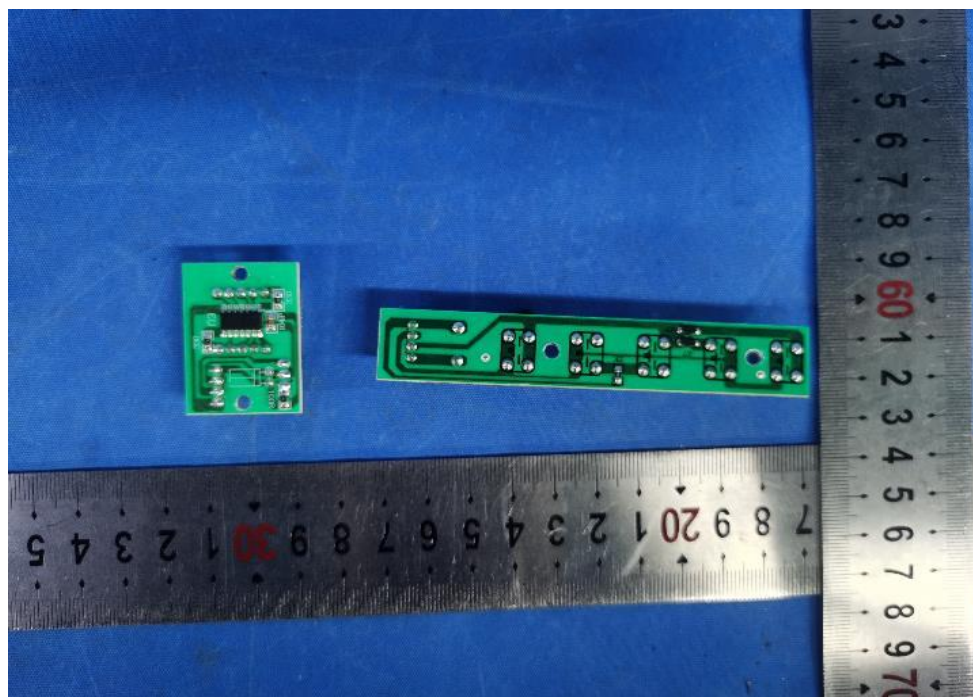


3.0 Product Photographs

Photo 79- control panel view of YH2302, YH2302L



Photo 80- control PCB view of YH2302, YH2302L



3.0 Product Photographs

Photo 81 - control PCB view of YH2302, YH2302L

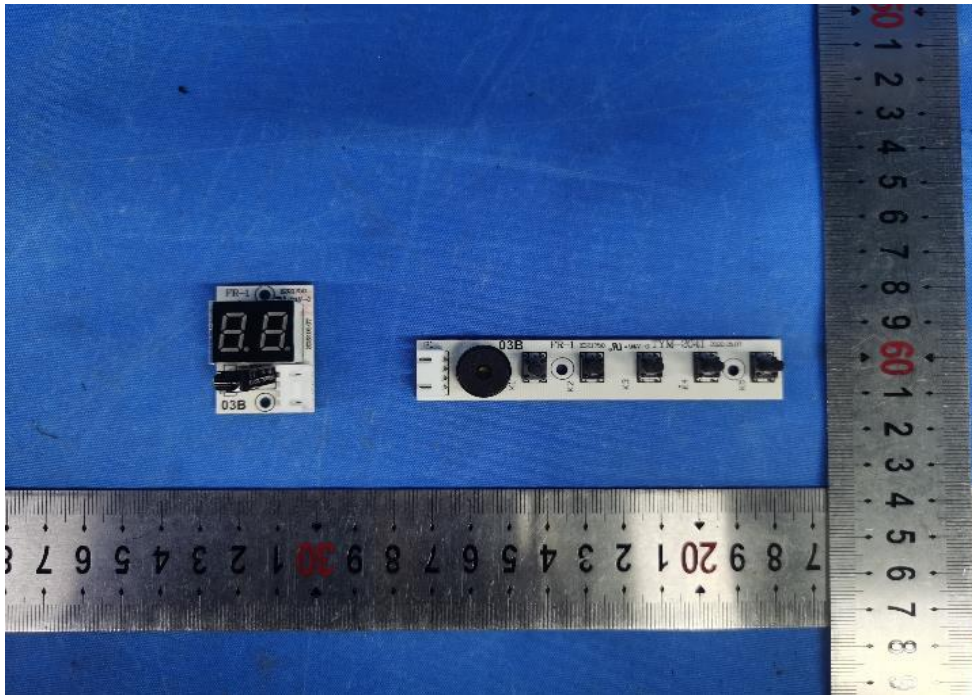


Photo 82 - LED PCB view of YH2302, YH2302L



3.0 Product Photographs

Photo 83 - overall view of YH2201R



Photo 84 - overall view of YH2201R



3.0 Product Photographs

Photo 85 - overall view of YH2201R



Photo 86 - overall view of YH2201R



3.0 Product Photographs

Photo 87- overall view of YH2201R



Photo 88- control panel view of YH2201R and YH2202R



3.0 Product Photographs

Photo 89- internal view of YH2201R and YH2202R

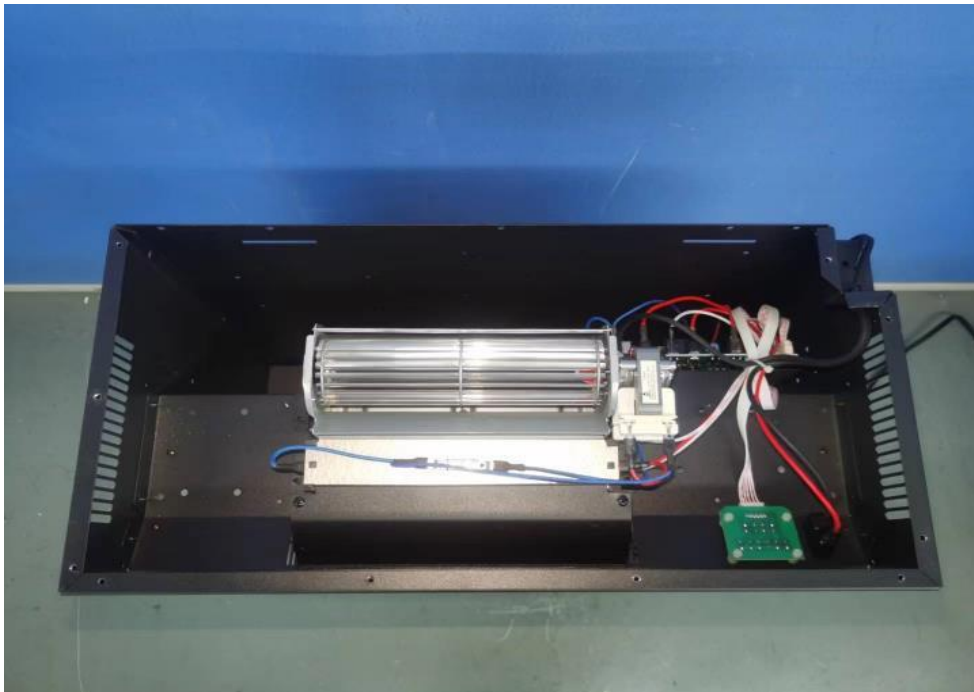
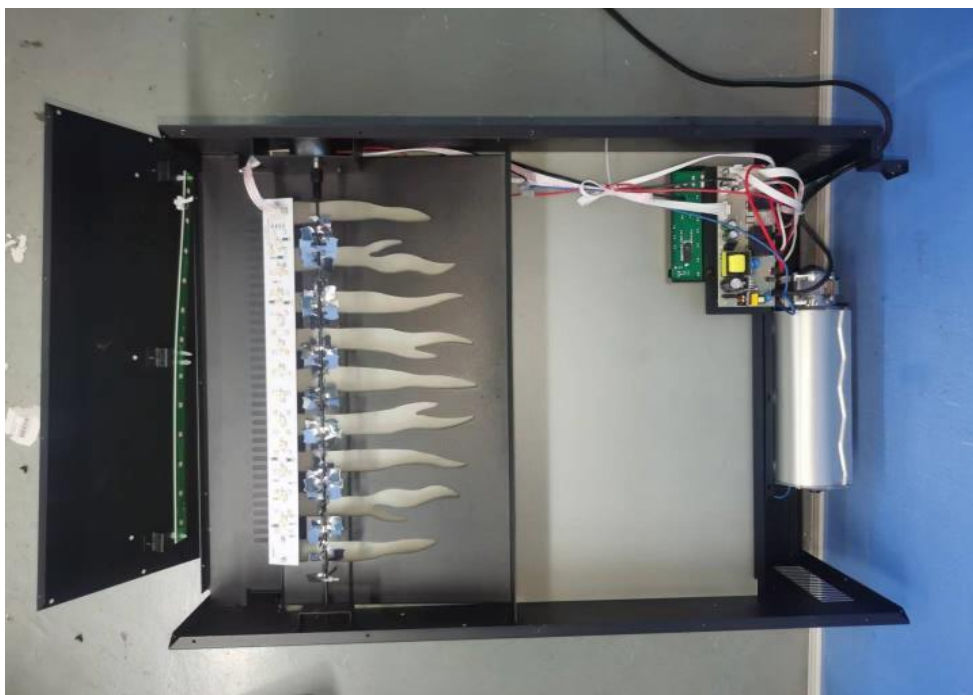


Photo 90 - internal view of YH2201R and YH2202R



3.0 Product Photographs

Photo 91 - power PCB view of YH2201R and YH2202R

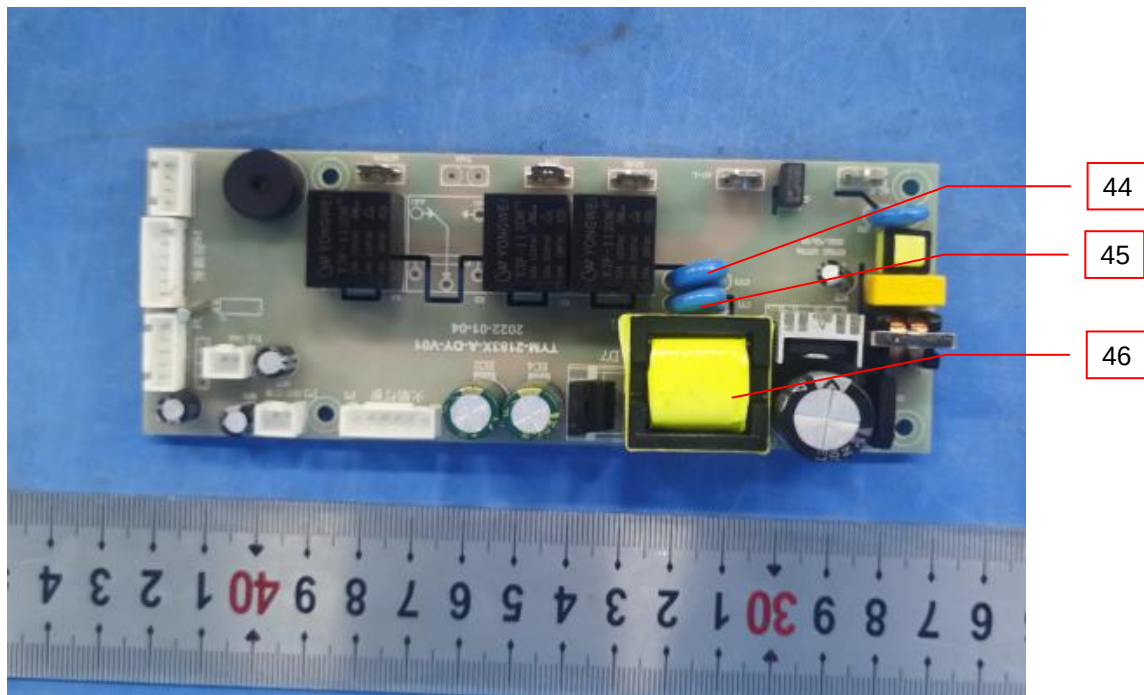
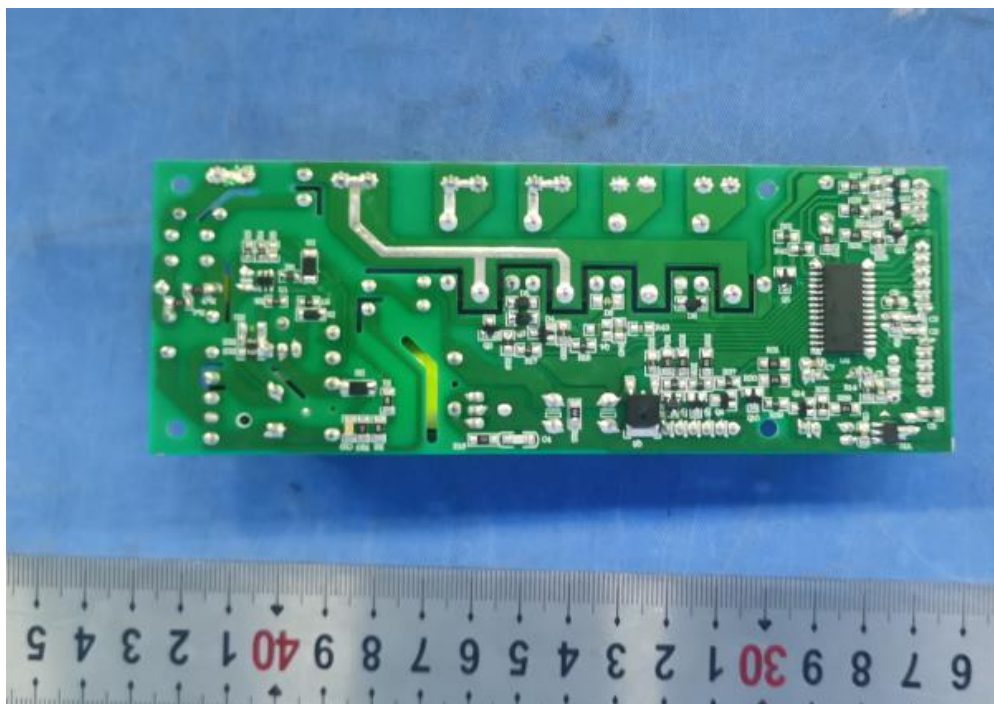


Photo 92 - power PCB view of YH2201R and YH2202R

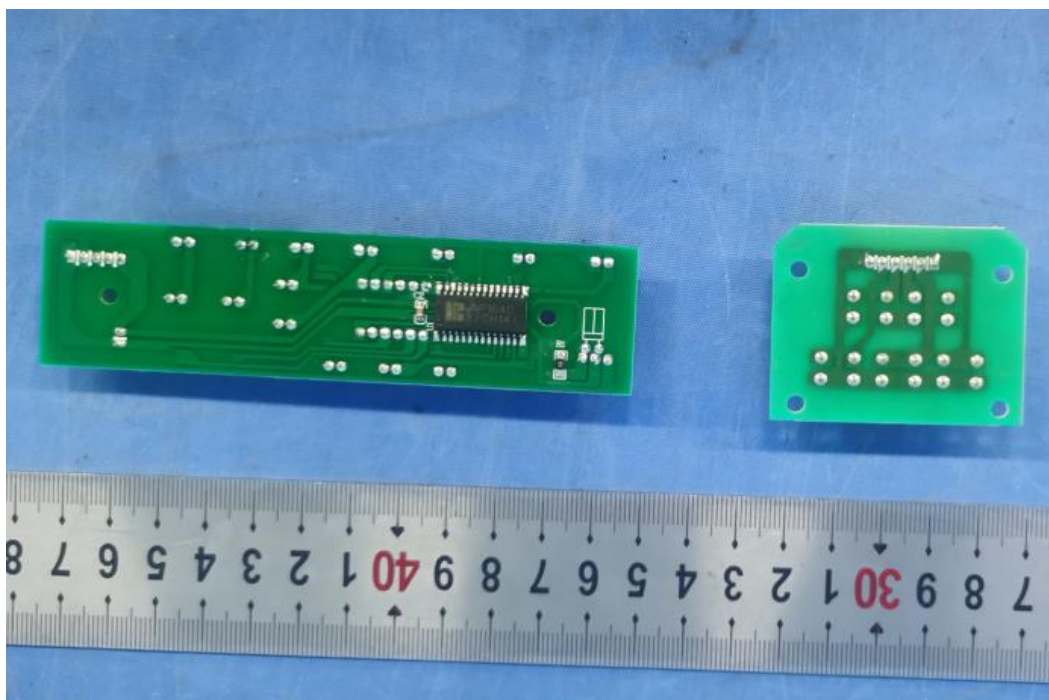


3.0 Product Photographs

Photo 93- control PCB view of YH2201R and YH2202R



Photo 94 - control PCB view of YH2201R and YH2202R



3.0 Product Photographs

Photo 95 - LED PCB view of YH2201R and YH2202R

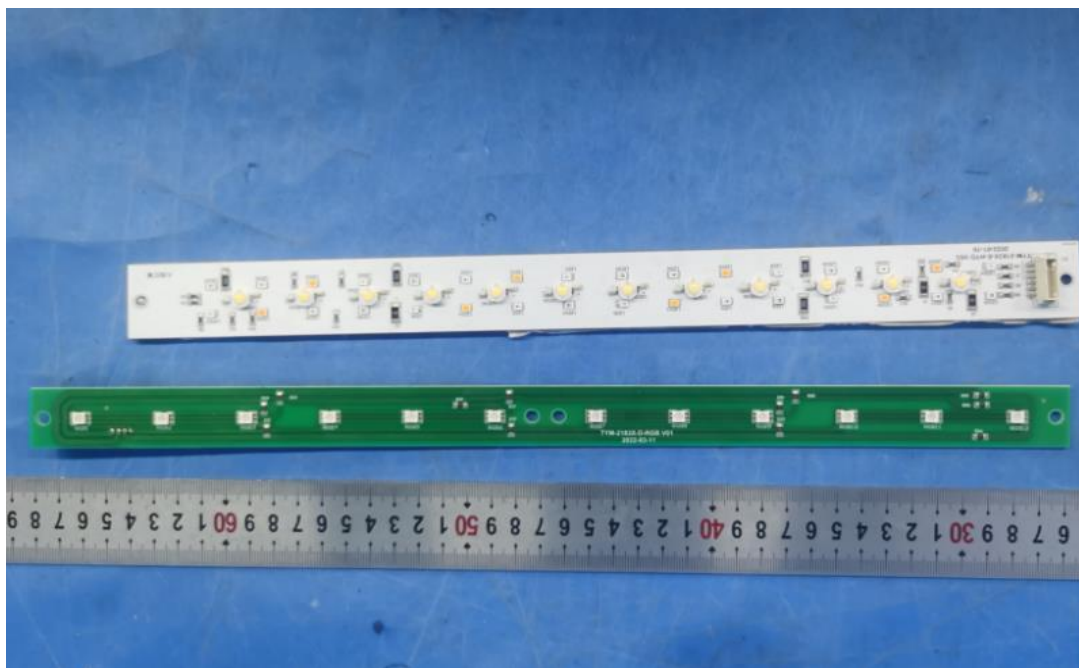
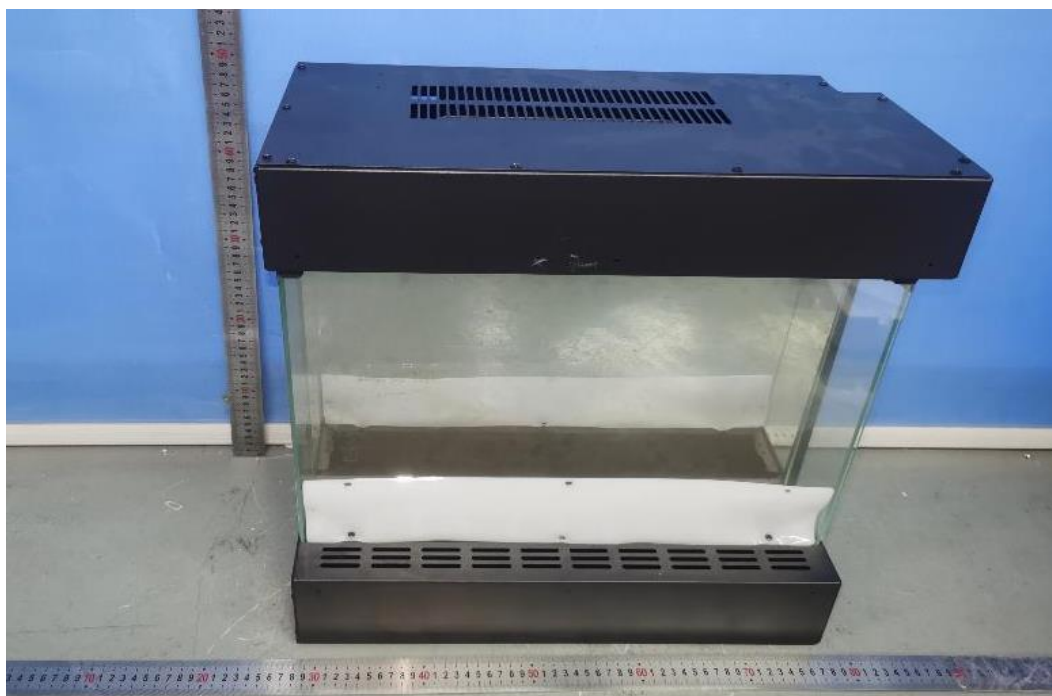


Photo 96 - overall view of YH2202R



4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
1	1	Front door	CIXI BOTAI ELECTRIC TECH CO., LTD	Various	Metal meshes. Hinged to Side Frames. (Two provided for YH-16, one provided for YH-2001)	NR
1	2	Side frame	CIXI BOTAI ELECTRIC TECH CO., LTD	Various	Plated steel with meshes. Min. thickness: 0.6mm. Secured to Top Enclosure, Rear Enclosure and Bottom Enclosure by screws. (For YH-16)	NR
1	3	Top enclosure	LG CHEM LTD (E67171)	AF364(&)	ABS, 5VA, RTI (60, 60, 60). Min. thickness 2.5mm. Secured to Side Frames and Rear Enclosure by screws.	cURus
2	4	Fire Log	LG CHEM LTD (E67171)	GP-3156F(#)	PP, 5VA, RTI (125, 120, 120). Min. thickness 1.5mm. Secured to Bottom Enclosure and Side Enclosure by steel bracket and screws.	cURus
2	5	Feet	LG CHEM LTD (E67171)	GP-3156F(#)	PP, 5VA, RTI (125, 120, 120). Min. thickness 3.0mm. Secured to Bottom Enclosure by screws.	cURus
3	6	Power plug	Various	Various	NEMA 1-15P, 125V, 15A.	UL, CSA or cETLus
3	7	Power cord	Various	HPN-R	16AWG x 2C, 105°C, VW-1, Length: 1.8m-2.4m, terminated in a mold-on polarized plug. For USA\Canada market.	UL, CSA or cETLus
				HPN	16AWG x 2C, 105°C, VW-1, Length: 1.8m-2.4m, terminated in a mold-on polarized plug. Only for Canada market.	UL, CSA or cETLus
3	8	Marking Label	Various	Various	Rated 80°C. Adhered to side enclosure by adhesive.	cURus
3	9	Rear enclosure	CIXI BOTAI ELECTRIC TECH CO., LTD	Various	Plated steel with meshes. Min. thickness: 0.6mm. Secured to Top Enclosure and Bottom Enclosure by screws.	NR
4	10	Bottom enclosure	LG CHEM LTD (E67171)	AF364(&)	ABS, 5VA, RTI (60, 60, 60). Min. thickness 2.5mm.	cURus
4	11	Heater Assembly Enclosure	Various	Various	Plated steel with meshes. Min. thickness: 0.7mm. Secured to Bottom Enclosure by screws.	NR

4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
5	12	Manual reset thermal cut-out	AUONE ELECTRONIC MFG LTD (E179137)	AUT-85-P	Rated 125V, 16A, T150, 6k cycles, Operating temperature: 85°C. Secured on mica plate by riveting. (for all models except YH-15(1), YH-20-1A(1), YH-20-1B(1), YH-20-1C(1), YH-15(2), YH-20-1A(2), YH-20-1B(2), YH-20-1C(2), YH-20-1D, YH-20-2D, YH-20-3D, YH-20-4, YH-2211)	cURus
			CHUNG SHUN INDUSTRIAL CO (E221650)	CH-005-H	Rated 125V, 15A, T150, other same as above.	cURus
			FOSHAN EAGLE TECHNOLOGY CO LTD (E301742)	AMT-P1	Rated 125V, 16A, 6k cycles, T140, other same as above.	cURus
5	13	Heat-Shrinkable Tubing	Various	Various	300V/600V, 125°C.	cURus
5	14	Internal wire	Various	3122	Silicone Insulated. 300V, 200°C, 16AWG for >10A and ≤16A, 18AWG for >3A and ≤10A, 20AWG for >0.2A and ≤3A, 22-24AWG for other connector.	cURus or cETLus
			Various	1015	Silicone Insulated. 600V, 105°C, others same as above.	cURus or cETLus
5	15	Mica plate	Various	Various	Rated V-0, Min. thickness: 0.6mm.	cURus
5	16	Fan motor	NINGBO YIKADE ELECTRICAL APPLIANCE TECHNOLOGY CO., LTD. (E301565)	YJ48A1	110-120V~, 60Hz, 14W, Class A. Fixed to metal support by screws.	cURus
6	17	Power switch	NINGBO MASTER SOKEN ELECTRICAL CO LTD (E218957)	RK1-11	125V~, 16RA, T85, 6K, secured to metal enclosure by snap-in construction.	cURus
			Cixi Fuhai Shunpai Electric Appliance Plant (Intertek report number: 150200899SHA-001)	16-1	125/250VAC, 16(4)A, T100/55. Same as above	cETLus
			Cixi Xunma Electronic Technology Co.,Ltd. (Intertek report number: 141100308SHA-001(5000247))	XM1-15	125V, 60Hz, 16A, T125, Secured to enclosure plastic by snap-in construction.	cETLus
6	18	Quick-connect Terminal	Various	Various	Copper, min.thickness 0.5mm.	cURus

4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
6	19	Strain relief	LG CHEM LTD (E67171)	GP-3156F(#)	PP, 5VA, RTI (125, 120, 120). Min. thickness 1.5mm. Secured to Integral Cord Support by screws.	cURus
6	20	Support frame	CIXI BOTAI ELECTRIC TECH CO., LTD	Various	Plated Steel. Two provided. Min.thickness 1.0mm. Secured to Bottom Enclosure by screws.	NR
6	21	Wire connector	Various	Various	300V, 105°C.	cURus
6	22	Cable Tie	Various	Various	Rated 105°C/85°C. Used for fixing internal wires/sleeve.	cURus
7	23	PCB	Various	Various	V-0, 130°C, Min. thickness: 1.5mm.	cURus
7	24	Transformer	ZHEJIANG DECHUANG TRANSFORMER MANUFACTURING CO LTD (E311389)	DCU06240	Input 120 V, 60 Hz, output 11 V, 0.2 A. Class 2 type. (only for YH-16)	cURus
7	25	Multi-pin Connector	Various	Various	For internal connection.	cURus
7	26	X2 Capacitor	HONGZHI ENTERPRISES LTD (E192572)	MPX	Rated 310 V ac, 0.1 µF, X2, T110. Soldered on PCB. (only for YH-16, YH-2001, YH-15(2), YH-20-1A(2), YH-20-1B(2), YH-20-1C(2), YH2201R, YH2202R, YH2302, YH2302L)	cURus
			JIANGSU XINGHUA HUAYU ELECTRONICS CO LTD (E311166)	MPX	Rated 250/275 V ac, 0.1 µF, X2, T100. Others same as above.	cURus
			TENTA ELECTRIC INDUSTRIAL CO LTD (E222911)	MEX	Rated 250/275/310 V ac, 0.1 µF, X2, T100 or T110. Others same as above.	cURus
			CHANGZHOU DEJIE PHOTOELECTRIC TECHNOLOGY CO LTD (E339764)	MPX/MKP	Rated 275 V ac, 0.1 µF, X2, T100. Others same as above.	cURus
			Various	Various	Rated 275 V ac, 0.1 µF, X2, min. T100. Others same as above.	cURus

4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
7	27	Varistor	HONGZHI ENTERPRISES LTD (E324904)	HEL7D471K	Rated 300 V, T105. Soldered on PCB. (only for YH-16, YH-2001, YH-15(2), YH-20-1A(2), YH-20-1B(2), YH-20-1C(2), YH2201R, YH2202R, YH2302, YH2302L)	cURus
			LIEN SHUN ELECTRONICS CO LTD (E315524)	07D471K	Rated 300 V, T105. Others same as above.	cURus
			CERGLASS MFG INC (E317616)	07D471K	Rated 300 V, T85. Others same as above.	cURus
			Various	Various	Type 471, min. T85. Others same as above.	cURus
7	28	Relay	NINGBO SONGLE RELAY CO LTD (E167996)	SMIH-12VDC-SL-A	Rated 240 V, 16A, T85, DC 12V. Soldered on PCB. (only for YH-16, YH-15(2), YH-20-1A(2), YH-20-1B(2), YH-20-1C(2), YH2201R, YH2202R, YH2302, YH2302L)	cURus
			NINGBO LUOLAI ELECTRONICS CO., LTD. (E358072)	LR3F-12VDC-A	Rated 125 V, 15A, DC 12V. Others same as above.	cURus
			NINGBO DARUN RELAY CO.,LTD (E495758)	DR-T73	Rated 125 V, 15A, T85, DC 12V. Others same as above.	cURus
7	29	Fuse	Various	Various	Rated 250V, 2A, 3.6*10mm. Soldered on PCB.	cURus
9	30	Front door	LG CHEM LTD (E67171)	GP-3156F(#)	PP, 5VA, RTI (125, 120, 120). Min. thickness 1.5mm. Provided with a dummy door with 3 mm thick glass window. Secured to Bottom Enclosure by screws. (for all models except YH-16 and YH-2001)	cURus
10	31	Side enclosure	LG CHEM LTD (E67171)	GP-3156F(#)	PP, 5VA, RTI (125, 120, 120). Min. thickness 1.5mm. Secured to Front Enclosure, Rear Enclosure and Bottom Enclosure by screws. (For YH-19, YH-19B, YH-19C, YH-20, YH-20-1, YH-20-2, FP202C, SFP201A)	cURus

4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
13	32	Heating element	CIXI BOTAI ELECTRIC TECH CO., LTD	Various	120V~, 1500W. Wire-type resistance element. Each 0.62 mm thick. Routed around cutouts of Mica Plates and terminates to Connectors. (for all models except YH-15(1), YH-20-1A(1), YH-20-1B(1), YH-20-1C(1), YH-2001, YH-15(2), YH-20-1A(2), YH-20-1B(2), YH-20-1C(2), YH-20-1D, YH-20-2D, YH-20-3D, YH-20-4, YH-2211, YH2302)	NR
			CIXI BOTAI ELECTRIC TECH CO., LTD	Various	120V~, 1400W. Wire-type resistance element. Each 0.62 mm thick. Routed around cutouts of Mica Plates and terminates to Connectors. (for YH2302)	NR
13	33	Heating element Brackets	LG CHEM (GUANGZHOU) ENGINEERING PLASTICS CO LTD (E248280)	LUMID GP-2301BF(#)	PA66, V-0, RTI (120,110,110), Min.thickness 2.0mm, Secured to Fan by screws.	cURus
13	34	Fan brade	CIXI BOTAI ELECTRIC TECH CO., LTD	Various	Sheet Steel, Secured to Bottom Enclosure by screws.	NR
14	35	Imitation Flame Motor	CIXI FUDA APPLIANCE COMPANY LTD (E230550)	TYZ-49	Rated 110/120 V, 50/60 Hz, 4 W. Secured to Reflector Support by screws.	cURus
16	36	Knob	Various	Various	Rated HB minimum. min. thickness: 1.8mm.	cURus
17	37	Tip Over Switch	GUANGDONG YUSHUN ELECTRIC APPLIANCE LTD (E346700)	KW-16B	Rated 125/250V, 50/60 Hz, 16 A, T120. Secured to Front Enclosure by one steel bar and screw. (only for FP202C)	cURus

4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
17	38	Thermostat	CIXI CITY XINYI TEMPERATURE CONTROLLER CO LTD (E227238)	QX201A	Rated 125 V~, 60 Hz, 16 A, T180, operation temperature 90°C. Secured to Front Enclosure by screws. (for all models except YH-19, YH-19B, YH-19C, YH-20, YH-16, SFP201A, YH-15(2), YH-20-1A(2), YH-20-1B(2), YH-20-1C(2), YH2302, YH2302L, YH2201R, YH2202R)	cURus
			CIXI CHIHANG TEMPERATURE CONTROL ELECTRIC APPLIANCE CO LTD (E501570)	KST017	Rated 125V~, 16A, T120, others same as above.	cURus
			SHAOXING ZHONGXIN ELECTRIC APPLIANCES CO LTD (E243487)	KST220	Rated 125V~, 15A, T250, others same as above.	cURus
30	39	Side enclosure	CIXI BOTAI ELECTRIC TECH CO., LTD	Various	Plated steel with meshes. Min. thickness: 0.6mm. Secured to Top Enclosure and Bottom Enclosure by screws. (For all models except YH-19, YH-19B, YH-19C, YH-20, YH-20-1, YH-20-2, FP202C, SFP201A)	NR

4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
44	40	Manual resetting thermal cut out	AUONE ELECTRONIC MFG LTD (E179137)	AUT-115-P	Rated 125V, 16A, T150, 6k cycles, Operating temperature: 115°C. Secured on mica plate by riveting. (for YH-15(1), YH-20-1A(1), YH-20-1B(1), YH-20-1C(1), YH-15(2), YH-20-1A(2), YH-20-1B(2), YH-20-1C(2), YH-2211, YH-20-1D, YH-20-2D, YH-20-3D, YH-20-4)	cURus
			CHUNG SHUN INDUSTRIAL CO (E221650)	CH-005-H	Rated 125V, 15A, T150, other same as above.	cURus
			FOSHAN EAGLE TECHNOLOGY CO LTD (E301742)	AMT-P1	Rated 125V, 16A, 6k cycles, T140, other same as above.	cURus
45	41	Heating element	CIXI BOTAI ELECTRIC TECH CO., LTD	Various	Rated 120 V, 1000 W. Wire-type resistance element, 0.7 mm diameter thick. Routed around Mica Plates and terminates to Connectors. And one Quartz Tube Rated 120 V, 500 W. (fo YH-15(1), YH-20-1A(1), YH-20-1B(1), YH-20-1C(1), YH-15(2), YH-20-1A(2), YH-20-1B(2), YH-20-1C(2), YH-2211, YH-20-1D, YH-20-2D, YH-20-3D, YH-20-4)	NR
52	42	Manual resetting thermal cut out	AUONE ELECTRONIC MFG LTD (E179137)	AUT-95-P	Rated 125V, 16A, T150, 6k cycles, Operating temperature: 95°C. Secured on mica plate by riveting. (for YH-2001)	cURus
			CHUNG SHUN INDUSTRIAL CO (E221650)	CH-005-H	Rated 125V, 15A, T150, other same as above.	cURus
			FOSHAN EAGLE TECHNOLOGY CO LTD (E301742)	AMT-P1	Rated 125V, 16A, 6k cycles, T140, other same as above.	cURus
58	43	Fuse	DONGGUAN REOMAX ELECTRONICS TECHNOLOGY CO LTD (E340427)	MTS	Rated 250 V, 2A, 8.4 x 8.2 x 4mm, Secured to PCB by soldered.	cURus
			XC ELECTRONICS (SHENZHEN) CORP LTD (E249609)	5TE	Rated 250 V, 2A, 8.4 x 4.0 x 7.7mm, Secured to PCB by soldered.	cURus
			Various	Various	Rated 250 V, 2A. Others same as above.	cURus

4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
91	44	Y capacitor	JYH HSU (JEC) ELECTRONICS LTD (E356696)	JD	4700pF, 500/440/400/250Vac, T125, Y1.	cURus
			Various	Various	4700pF, Others same as above.	cURus
91	45	Y capacitor	JYH HSU (JEC) ELECTRONICS LTD (E356696)	JD	4700pF, 500/440/400/250Vac, T125, Y1.	cURus
			Various	Various	4700pF, Others same as above.	cURus
91	46	Coil	Jingjiang Huamao Electronics Co., Ltd	EE1313	input 120-240V, output: 9-15V winding: QIDONG BLUELINK ELECTRONICS CO LTD, TRW-(B), reinforced insulation, class 130 Bobbin: CHANG CHUN PLASTICS CO LTD, T375J, PMC, V-0, RTI150. Insulating tape: JINGJIANG JINGYANG INSULATING PRODUCT CO LTD, JY-133, 130°C	NR
			ZhongShan YingZhiJia ELECTRONICS	EF19	input 120-240V, output: 9-15V winding: SHANTOU SHENGANG ELECTRICAL INDUSTRIAL CO LTD , 2UEW-F, reinforced insulation, class 155 Bobbin: CHANG CHUN PLASTICS CO LTD, T375J, PMC, V-0, RTI150. Insulating tape: JINGJIANG JINGYANG INSULATING PRODUCT CO LTD, JY-133, 130°C	NR
				EF20	input 120-240V, output: 9-15V winding: SHANTOU SHENGANG ELECTRICAL INDUSTRIAL CO LTD , 2UEW-F, reinforced insulation, class 155 Bobbin: CHANG CHUN PLASTICS CO LTD, T375J, PMC, V-0, RTI150. Insulating tape: CHANG CHUN PLASTICS CO LTD, JY-133, 130°C	NR
NOTES:						
1) Not all item numbers are indicated (called out) in the photos, as their location is obvious.						
2) “Various“ means any type, from any manufacturer that complies with the "Technical data and securement means" and meets the "Mark(s) of conformity" can be used.						
3) Indicates specific marks to be verified, which assures the agreed level of surveillance for the component. "NR" - indicates Unlisted and only visual examination is necessary. "See 5.0" indicates Unlisted components or assemblies to be evaluated periodically refer to section 5.0 for details.						

5.0 Critical Unlisted CEC Components

No Unlisted CEC components are used in this report.

6.0 Critical Features

Recognized Component - A component part, which has been previously evaluated by an accredited certification body with restrictions and must be evaluated as part of the basic product considering the restrictions as specified by the Conditions of Acceptability.

Listed Component - A component part, which has been previously Listed or Certified by an accredited Certification Organization with no restrictions and is used in the intended application within its ratings.

Unlisted Component - A part that has not been previously evaluated to the appropriate designated component standard. It may also be a Listed or Recognized component that is being used outside of its evaluated Listing or component recognition.

Critical Features/Components - An essential part, material, subassembly, system, software, or accessory of a product that has a direct bearing on the product's conformance to applicable requirements of the product standard.

Construction Details - For specific construction details, reference should be made to the photographs and descriptions. All dimensions are approximate unless specified as exact or within a tolerance. In addition to the specific construction details described in this Report, the following general requirements also apply.

1. Spacing - In primary circuits, 1.6mm minimum spacings are maintained through air and over surfaces of insulating material between live parts and non-current-carrying conductive parts other than the enclosure, 6.4mm minimum spacings through air and 12.7mm minimum spacings over surfaces of insulating material are maintained between live parts and a conductive enclosure.
2. Mechanical Assembly - Components such as switches, fuseholders, connectors, wiring terminals and display lamps are mounted and prevented from shifting or rotating by the use of lockwashers, starwashers, or other mounting format that prevents turning of the component.
3. Corrosion Protection - All ferrous metal parts are protected against corrosion by painting, plating or the equivalent.
4. Accessibility of Live Parts - All uninsulated live parts in primary circuitry are housed within a metal enclosure constructed with no openings other than those specifically described in Sections 4 and 5.
5. Grounding - NA.
6. Polarized Connection - This product is provided with a polarized power supply connection. All single pole switches and fuses are connected only to the ungrounded supply circuit conductor.
7. Internal Wiring - Internal wiring is routed away from sharp or moving parts. Internal wiring leads terminating in soldered connections are made mechanically secure prior to soldering. Recognized Component separable (quick disconnect) connectors of the positive detent type, closed loop connectors, or other types specifically described in the text of this report are also acceptable as internal wiring terminals. At points where internal wiring passes through metal walls or partitions, the wiring insulation is protected against abrasion or damage by plastic bushings or grommets. All wiring is minimum 24AWG, with a minimum rating of 300V, 105°C.
8. Schematics - None.
9. Markings - The product is marked on as labeling system as described in item no. 8 of Section 4.0 as follows: applicant's name, brand name, model number, date of manufacturer, electrical ratings. refer to Illustration 2 for details.
10. Cautionary Markings - Refer to Illustration No.2, 3, 3a to 3d, 4 and 5 for details.
11. Installation, Operating and Safety Instructions - Instructions for installation and use of this product are provided by the manufacturer. Refer to Illustration No. 1, 1a to 1c for details.

7.0 Illustrations

Illustration 1 - Manual

Remark: Instructions for details installation, use, clean and maintenance of this product are provided by the manufacturer; only necessary warning sentences required by standards are listed as below.

INTENDED USE

This product is intended **ONLY** for indoor household or office use.
It is **NOT** intended for industrial or commercial use. Do not use outdoors.

IMPORTANT INSTRUCTION

PLEASE READ AND SAVE THESE IMPORTANT SAFETY INSTRUCTIONS When

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock, injury to persons, and hyperthermia, including the following:

1. Read all instructions before using this heater.
2. This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. If provided, use handles when moving this heater. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains at least 3 feet (0.9m) from the heater.
3. Extreme caution is necessary when any heater is used near children, pets or the disabled. NEVER leave heater unattended while operating.
4. Use your heater only in dry environments. This heater is not intended for use in bathrooms, laundry areas and similar indoor locations. Never locate heater where it may fall into bathtub or other water container. Do not use your heater outdoors. Do not use near sinks, swimming pools, or other damp areas such as flooded basements, garages, etc. or anyplace where the heater could come in contact with water.
5. A heater has hot and arcing or sparking parts inside. Do not use it in the areas where gasoline, paint, or flammable liquids are used or stored.
6. To disconnect heater, first turn controls to off, then remove plug from outlet.
7. Always unplug heater by removing the plug end from the outlet when not in use. Never unplug by pulling on the cord as this can damage the power cord.
8. Do not operate any heater with a damaged cord or plug or after the heater malfunctions, has been dropped or damaged in any manner. Return heater to authorized service facility for examination, electrical or mechanical adjustment, or repair.
9. **Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).**
10. Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area and where it will not be tripped over.
11. It is normal for the plug to feel warm to the touch; however, a loose fit between the AC outlet (receptacle) and plug may cause overheating and distortion of the plug. Contact a qualified electrician to replace loose or worn outlet.
12. Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the heater.
13. To prevent a possible fire, do not block air intakes or exhaust in any manner. Do not use on soft surfaces, like a bed, where openings may become blocked.
14. Do not operate heater with any safety guards removed.
15. Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
16. This heater draws 12.5 amps during operation. To prevent overloading a circuit, do not plug the heater into a circuit that already has other appliances working.
17. The output of this heater may vary and its temperature may become intense enough to burn exposed skin. Use of this heater is not recommended for persons with reduced sensitivity to heat or an inability to react to avoid burns.

7.0 Illustrations

Illustration 1a - Manual

Hyperthermia can result in death. Symptoms of hyperthermia include high body temperature, headache, nausea, vomiting, tiredness, dizziness, fainting, and rapid pulse. If you begin to experience symptoms related to hyperthermia, turn off the heater and seek medical attention.

To avoid excessive room temperatures which can cause hyperthermia: DO NOT leave product running unattended in a confined space around infants, or individuals with reduced physical, sensory, or mental capabilities.

SAVE THESE INSTRUCTIONS.

PLEASE READ AND SAVE THESE INSTRUCTIONS

7.0 Illustrations

Illustration 1b - Manual

INSTRUCTIONS IMPORTANTES

S'IL VOUS PLAÎT LIRE ET CONSERVER CES INSTRUCTIONS IMPORTANTES SAFET Lors de l'utilisation d'appareils électriques, précautions de base doivent toujours être suivies pour réduire le risque d'incendie, d'électrisme et de blessures aux personnes, y compris les suivantes:

1. Lire tous les instructions avant d'utiliser cet appareil.
2. Ce radiateur est chaud lorsqu'il est utilisé. Pour éviter les brûlures, ne laissez pas toucher les surfaces chaudes. Si fourni, utiliser les poignées pour le transfert de cet appareil. Gardez les matériaux combustibles, tels que fumiture, oreillers, la literie, papiers, vêtements et rideaux à au moins 3 pieds (0,9 m) de l'élément chauffant.
3. Une extrême prudence est nécessaire lorsque le réchauffeur est utilisé par ou près des enfants, des animaux domestiques ou invalides et quand le chauffage est laissé sans surveillance et d'exploitation.
4. Utilisez votre chauffe uniquement dans des environnements secs, Cet appareil est destiné à être utilisé pas dans les salles de bains, buanderie et autres endroits à l'intérieur. Ne jamais placer chauffants où il pourrait tomber dans une baignoire ou autre contenant d'eau. Ne pas utiliser votre appareil de chauffage extérieur. Ne pas utiliser près évier, des piscines, ou d'autres zones humides comme les sous-sols inondés, garages, etc ou anplace où le réchauffeur pourrait entrer en contact avec l'eau.
5. Un chauffe comporte des pièces chaudes et des arcs électriques ou des étincelles. Ne pas utiliser dans les zones où de l'essence, la peinture, ou inflammables sont utilisées ou stockées.
6. Pour débrancher l'appareil, les commandes tournent d'abord vers éteint, puis retirez la fiche de sortie.
7. Emporter débranchez radiateur en enlevant le bouchon d'extrémité de la prise lorsqu'il n'est pas utilisé .. Ne jamais débrancher en tirant sur le cordon, car cela peut endommager le cordon d'alimentation.
8. Ne pas utiliser un appareil de chauffage avec un cordon endommagé ou l'Plug ou après la malfunctions chauffage, a été échappé ou endommagé de quelque chauffe manner. Return au centre de service autorisé pour examen, un réglage électrique ou mécanique, ou une réparation
9. Toujours brancher chauffe directly dans une prise murale / receptacle. Never utiliser avec une rallonge ou une prise électrique rechangeables (sortie / puissance de bande).
10. Ne pas passer le cordon sous la moquette, Ne pas couvrir le cordon de tapis, coureurs, ou similaire coverings. Arrange cordon loin de la zone de circulation et où il ne sera pas trébucher.
11. Il est normal que la fiche de se sentir au chaud au toucher, mais un ajustement lâche entre la prise secteur (prise) et la fiche peut provoquer une surchauffe et une distorsion de l'plug. Contact un électricien qualifié pour remplacer la prise lâche ou usée.
12. Ne pas insérer de corps étrangers d'entrer dans un système de ventilation ou d'ouverture d'échappement, car cela pourrait provoquer un choc électrique ou d'incendie ou d'endommager l'appareil.
13. Pour éviter un incendie, ne bloquez pas les entrées d'air ou d'évacuation de quelque manière. Ne pas utiliser sur les surfaces molles, comme un lit, où les ouvertures pourraient être bloquées.
14. Do pas fonctionner avec n'importe quel appareil de chauffage gardes de sécurité enlevés
15. Use appareil tel que décrit dans ce manuel, toute autre utilisation non recommandée par le fabricant peut causer un incendie, choc électrique, ou de blessures.
16. Cet appareil attire 12,5 ampères pendant le fonctionnement. Pour éviter de surcharger un circuit, ne pas brancher le chauffe dans un circuit qui a déjà d'autres appareils de travail.
17. La sortie de cet appareil de chauffage peut varier et sa température peut devenir suffisamment intense pour une sensibilité réduite à la chaleur ou une incapacité à réagir pour éviter les clochards.

7.0 Illustrations

Illustration 1c - Manual

L'hyperthermie peut entraîner la mort. Les symptômes de l'hyperthermie comprennent une température corporelle élevée, des maux de tête, des nausées, des vomissements, de la fatigue, des étourdissements, des évanouissements et un pouls rapide. Si vous commencez à ressentir des symptômes liés à l'hyperthermie, éteignez le radiateur et consultez un médecin.

Pour éviter des températures ambiantes excessives susceptibles de provoquer une hyperthermie : NE PAS laisser le produit fonctionner sans surveillance dans un espace confiné autour de nourrissons ou de personnes aux capacités physiques, sensorielles ou mentales réduites.

CONSERVEZ CES INSTRUCTIONS

Remark:

1. The upper case letters in the instructions relating to the risk of fire, electric shock, and injury to persons shall be not less than 1/12 inch (2.1 mm) high and the lower case letters shall not be less than 1/16 inch (1.6 mm) high.
the words
2. "IMPORTANT INSTRUCTIONS" and "SAVE THESE INSTRUCTIONS" shall be in upper case letters not less than 3/16 inch (4.8 mm) high.

7.0 Illustrations

Illustration 2 -marking

Representative for all models:

Electric Fireplace Heater			
MODEL/MODÈLE	YH-15	DATE/DATE	
VOLTS/VOLTS	120	Hz/Hz	60
WATTS/WATTS	1500		
For Indoor Use Only Pour l'usage d'intérieur			
CIXI BOTAI ELECTRIC TECH CO., LTD			

Cautionary Markings

Remark: Alternative brand name: air choice, KONWIN, TRUSTECH, Climate choice, ECOTRONIC, KOOLWOOM, PATIO BOSS, SUNDAY LIVING, PRO CHOICE, LIFEPLUS, CHOICE PLUS, Kismile, R.W.FLAME, HOMCOM, Antarctic Star and AGLUCKY for all models.

Remark: Brand name AINFOX only for HA-HT018 and HA-HT003.

7.0 Illustrations

Illustration 3 -marking

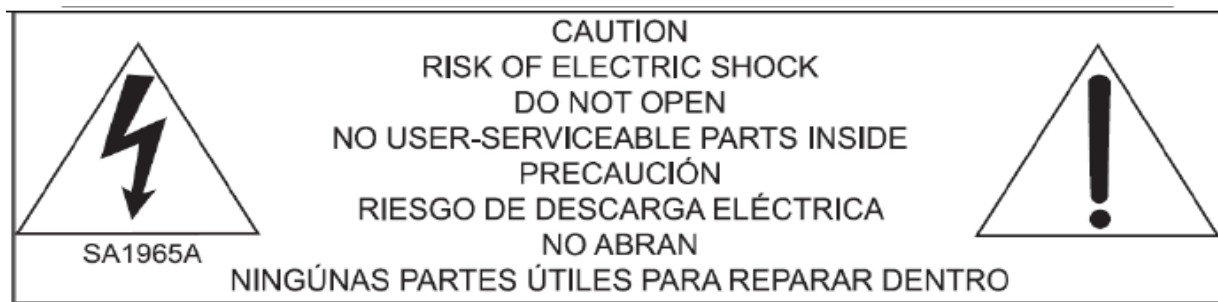
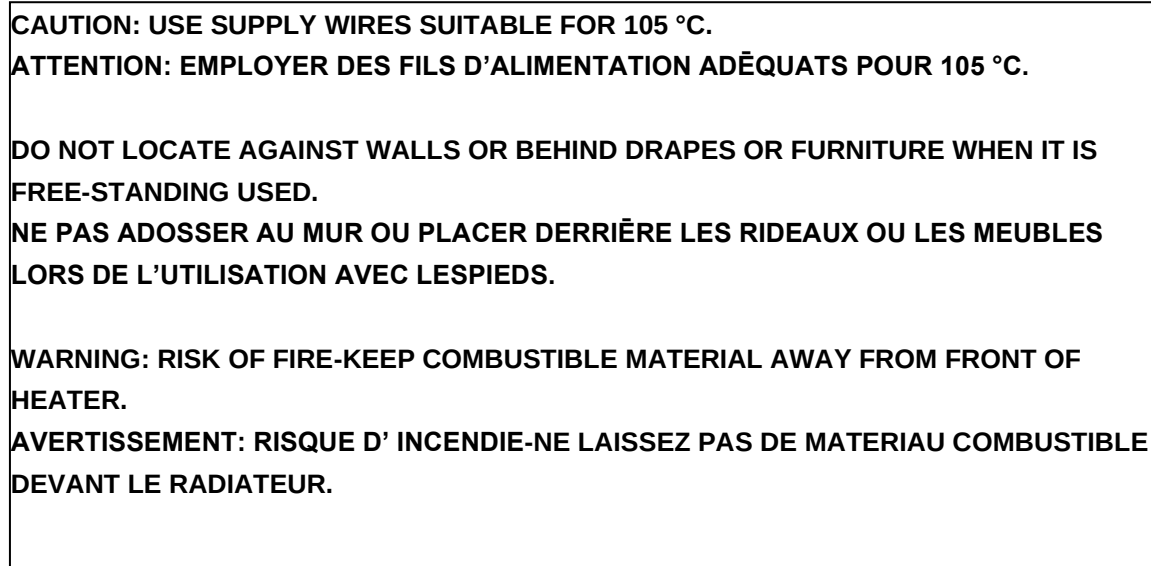


Illustration 3a -marking



Illustration 3b -marking



CAUTION: TO PREVENT ELECTRIC SHOCK MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT

ATTENTION : POUR ÉVITER LES CHOCS ÉLECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU FOND.

7.0 Illustrations

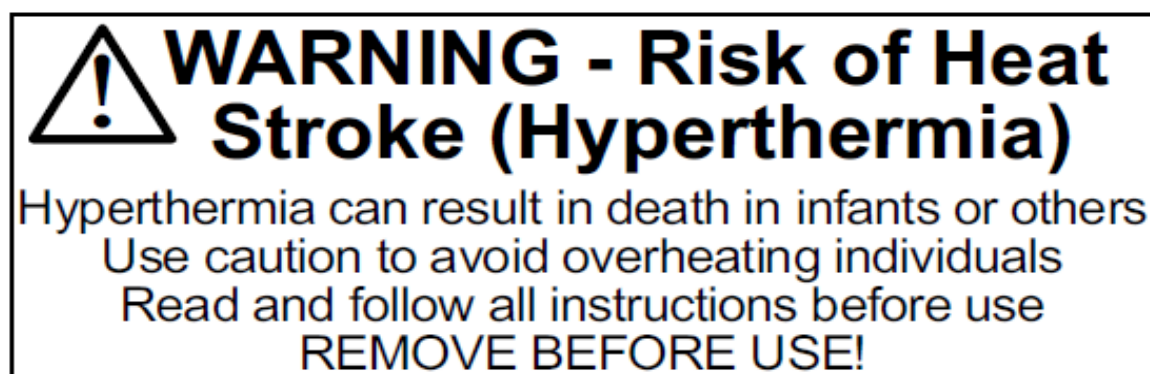
Illustration 3c -marking

WARNING – Risk of Hyperthermia

Avertissement - Risque d'hyperthermie.

Remark: The lettering shall not be less than 3.2 mm in height

Illustration 3d - Removable warning label



Remark:

1. the markings specified in this section shall be temporarily affixed and be readily visible on the heater and shall allow easy removal of the label, hangtag, or similar means to display the markings.
2. The height and width of the warning symbol shall be no less than 0.50 inch (12.7 mm). The information on the label shall to be legibly printed and shall contrast with the background. The heading "WARNING - Risk of Heat Stroke (Hyperthermia)" shall at least 1/4 inch (9.53 mm) in height. The remaining text, "Hyperthermia can result in death in infants or others Use caution to avoid overheating individuals Read and follow all instructions before use REMOVE BEFORE USE!" shall be no less than 1/8 inch (3.175 mm) in height. The "WARNING" and "REMOVE BEFORE USE!" lettering shall be in upper case letters.

7.0 Illustrations

Illustration 4 - Cord Tag Marking

WARNING - TO REDUCE THE RISK OF FIRE AND HYPERTHERMIA:

- 1) Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
- 2) Check your heater cord and plug connections. A loose fitting outlet can cause the plug to overheat and a or cause a fire. Be sure plug fits tight in the outlet. Check frequently during use to make sure plug and outlet are not hot. If so, discontinue using heater and have outlet replaced by a qualified electrician.
Note: Heaters draw more current than small appliances, overheating of the outlet may occur even if it has not occurred with the other appliances.
- 3) Always unplug heater when not in use.
- 4) Do not operate heater with a damaged cord or plug or after the heater malfunctions, has been dropped or damaged in any manner. Discard heater or return to an authorized service facility for examination and/or repair.
- 5) Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Do not route cord under furniture or appliances. Arrange cord away from traffic area and where it will not be tripped over.
- 6) Hyperthermia can result in death. Use caution when operating the heater to avoid overheating that can occur in infants, or individuals with reduced physical, sensory, or mental capabilities.

DO NOT REMOVE THIS TAG!

AVERTISSEMENT – POUR RÉDUIRE LE RISQUE D'INCENDIE ET D'HYPERTHERMIE:

- 1) Branchez toujours les radiateurs directement dans une prise murale / réceptacle. N'utilisez jamais avec une rallonge d'extension ou un robinet d'alimentation relocable (sortie / bande d'alimentation).
- 2) Vérifiez les connexions de votre cordon de chauffage et branchez. Une prise de raccord lâche peut provoquer une surchauffe du bouchon ou provoquer un incendie. Assurez-vous que le plug tire serré dans la prise. Vérifiez fréquemment pendant l'utilisation pour vous assurer que la prise et la sortie ne sont pas chaudes. Dans l'affirmative, interrompez à l'aide du radiateur et faites remplacer un électricien qualifié.
- 3) Débranchez toujours le radiateur lorsqu'il n'est pas utilisé.
- 4) Ne pas faire fonctionner le radiateur avec un cordon ou un bouchon endommagé ou après les dysfonctionnements du radiateur, a été abandonné ou endommagé de quelque manière que ce soit. Jeter le radiateur ou retourner dans une installation de service autorisée pour examen et / ou réparation.
- 5) Ne faites pas de cordon sous la moquette. Ne couvrez pas le cordon avec des tapis, des coureurs ou des revêtements similaires. Ne parcourez pas le cordon sous les meubles ou les appareils électroménagers. Organisez le cordon loin de la zone de circulation et où il ne sera pas déclenché. (Cet article peut être omis pour les radiateurs au plafond).
- 6) L'hyperthermie peut entraîner la mort. Soyez prudent lors de l'exploitation du radiateur pour éviter une surchauffe qui peut survenir chez les nourrissons ou les personnes ayant des capacités physiques, sensorielles ou mentales réduites.

NE RETIREZ PAS CETTE ÉTIQUETTE !

Remark: The statements "WARNING - TO REDUCE THE RISK OF FIRE" and "DO NOT REMOVE THIS TAG!" shall be in letters at least 3/16 inch(4.8mm) in height. The remaining text shall be in letters of at least 1/16 inch (1.6mm) in height.

7.0 Illustrations

Illustration 5 -Carton Box Marking

Voltage: 120VAC

Wattage: 1500W

- 1) Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
- 2) This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. If provided, use handles when moving this heater. Keep combustible materials, such as furniture, pillows, bedding papers, clothes, and curtains at least 3 feet (0.9m) from the front of the heater and keep them away from the sides and rear.
- 3) The heater is not to be used in wet or moist locations.

Volts: 120VAC

Watts: 1500W

- 1) Toujours brancher le réchauffeur directement dans une prise murale / réceptacle. Ne pas utiliser avec une rallonge ou une prise électrique relogeable (la sortie / la puissance de bande).
- 2) Ce réchauffeur est chaud en service. Pour éviter des brûlures, ne laissez pas la peau nue toucher les surfaces chaudes. Si si, utilisez les poignées en déplaçant ce réchauffeur. Gardez les matériaux combustibles, tels que des meubles, des oreillers, des papiers de literie, des vêtements, et des rideaux au moins 3 feet (0.9m) de l'avant du réchauffeur et gardez-les à partir des côtés et de l'arrière.
- 3) Le réchauffeur ne doit pas être employé dans des endroits humides ou moites.

Remark:

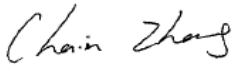
All information shall be grouped together and appear on one side, except the bottom, of the packaging. The lettering shall not be less than 3.2 mm in height.

8.0 Test Summary					
Evaluation Period	10-Jul-2019 ~ 6-Aug-2019		Project No.	190701142SHA	
Sample Rec. Date	9-Jul-2019	Condition	Prototype	Sample ID.	0190709-54-001~009
Test Location	Intertek Testing Services Shanghai Limited				
Test Procedure	Testing Lab				
Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.					
The following tests were performed:					
Test Description	UL 1278:2014 Ed.4 +R:20Aug2018 /Clause	UL 746C:2018 Ed.7 / Clause	(R2018) [CSA C22.2#46:2013 Ed.9] /Clause		
Power Input Test	38	-	-		
Leakage Current Test	39	-	-		
Normal Temperature Tests	40	-	-		
Abnormal Operation Tests	42	-	-		
Endurance Test	43	-	-		
Component Failure Test	47	-	-		
Dielectric Voltage-Withstand Test	48	-	-		
Insulation Resistance Test	49	-	-		
Stability of Movable Heaters	51	-	-		
Element Support Impact Tests	52	-	-		
Test for Permanence of Cord Tag	54	-	-		
Knob Securement Test	56	-	-		
Strength of Adjustable Stop Test	57	-	-		
Strain Relief Test	59	-	-		
Permanence of Marking	60	-	-		
Resistance to impact	-	56	-		
Mold-stress relief distortion	-	61	-		
Rating	-	-	7.2		
Temperature (Normal)	-	-	7.4		
Dielectric Strength	-	-	7.5		
Temperature (Abnormal)	-	-	7.6		
Extreme Operating Voltage (Maximum) Test	-	-	7.7		
Strain Relief	-	-	7.8		
Overload and Endurance – Manually Operated	-	-	7.9		
Physical Abuse Tests	-	-	7.11		
Leakage Current	-	-	7.12		
Stability	-	-	7.17		

8.0 Test Summary			
Evaluation Period	11-Jun-2020 ~ 21-Jul-2020		Project No. 200601392SHA
Sample Rec. Date	11-Jun-2020	Condition	Prototype
			Sample ID. 0200609-84-001~003
Test Location	Intertek Testing Services Shanghai Limited		
Test Procedure	Testing Lab		
Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.			
The following tests were performed:			
Test Description	UL 1278:2014 Ed.4 +R:20Aug2018 /Clause		(R2018) [CSA C22.2#46:2013 Ed.9] /Clause
Power Input Test	38	-	-
Leakage Current Test	39	-	-
Normal Temperature Tests	40	-	-
Abnormal Operation Tests	42	-	-
Endurance Test	43	-	-
Component Failure Test	47	-	-
Dielectric Voltage-Withstand Test	48	-	-
Stability of Movable Heaters	51	-	-
Knob Securement Test	56	-	-
Strength of Adjustable Stop Test	57	-	-
Strain Relief Test	59	-	-
Rating	-	-	7.2
Temperature (Normal)	-	-	7.4
Dielectric Strength	-	-	7.5
Temperature (Abnormal)	-	-	7.6
Extreme Operating Voltage (Maximum) Test	-	-	7.7
Strain Relief	-	-	7.8
Physical Abuse Tests	-	-	7.11
Leakage Current	-	-	7.12
Stability	-	-	7.17

8.0 Test Summary					
Evaluation Period	20-May-2022 ~ 22-Jul-2022		Project No.	220501350SHA	
Sample Rec. Date	18-May-2022	Condition	Prototype	Sample ID.	0220518-03
Test Location	Intertek Testing Services Shanghai Limited				
Test Procedure	Testing Lab				
Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.					
The following tests were performed:					
Test Description	UL 1278:2014 Ed.4+R:21Feb20 22 /Clause	UL 746C:2018 Ed.7+R:01Sep2 021 / Clause	(R2018) [CSA C22.2#46:2013 Ed.9] /Clause		
Power Input Test	38	-	-		
Leakage Current Test	39	-	-		
Normal Temperature Tests	40	-	-		
Abnormal Operation Tests	42	-	-		
Component Failure Test	47	-	-		
Dielectric Voltage-Withstand Test	48	-	-		
Insulation Resistance Test	49	-	-		
Stability of Movable Heaters	51	-	-		
Element Support Impact Tests	52	-	-		
Knob Securement Test	56	-	-		
Strength of Adjustable Stop Test	57	-	-		
Strain Relief Test	59	-	-		
Resistance to impact	-	56	-		
Mold-stress relief distortion	-	61	-		
Rating	-	-	7.2		
Temperature (Normal)	-	-	7.4		
Dielectric Strength	-	-	7.5		
Temperature (Abnormal)	-	-	7.6		
Extreme Operating Voltage (Maximum) Test	-	-	7.7		
Strain Relief	-	-	7.8		
Overload and Endurance – Manually Operated	-	-	7.9		
Physical Abuse Tests	-	-	7.11		
Leakage Current	-	-	7.12		
Stability	-	-	7.17		

8.0 Test Summary					
Evaluation Period	21-April-2023 ~ 17-Jul-2023		Project No.	230401913SHA	
Sample Rec. Date	20-Apr-2023	Condition	Prototype	Sample ID.	0230420-03
Test Location	Intertek Testing Services Shanghai Limited				
Test Procedure	Testing Lab				
Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.					
The following tests were performed:					
Test Description	UL 1278:2014 Ed.4+R:21Feb20 22 /Clause	UL 746C:2018 Ed.7+R:01Sep2 021 / Clause	(R2018) [CSA C22.2#46:2013 Ed.9] /Clause		
Power Input Test	38	-	-		
Leakage Current Test	39	-	-		
Normal Temperature Tests	40	-	-		
Abnormal Operation Tests	42	-	-		
Component Failure Test	47	-	-		
Dielectric Voltage-Withstand Test	48	-	-		
Insulation Resistance Test	49	-	-		
Stability of Movable Heaters	51	-	-		
Element Support Impact Tests	52	-	-		
Knob Securement Test	56	-	-		
Strength of Adjustable Stop Test	57	-	-		
Strain Relief Test	59	-	-		
Resistance to impact	-	56	-		
Mold-stress relief distortion	-	61	-		
Rating	-	-	7.2		
Temperature (Normal)	-	-	7.4		
Dielectric Strength	-	-	7.5		
Temperature (Abnormal)	-	-	7.6		
Extreme Operating Voltage (Maximum) Test	-	-	7.7		
Strain Relief	-	-	7.8		
Overload and Endurance – Manually Operated	-	-	7.9		
Physical Abuse Tests	-	-	7.11		
Leakage Current	-	-	7.12		
Stability	-	-	7.17		

8.1 Signatures			
A representative sample of the product covered by this report has been evaluated and found to comply with the applicable requirements of the standards indicated in Section 1.0.			
Completed by:	Marvin Meng	Reviewed by:	Chain Zhang
Title:	Certification Engineer	Title:	Supervisor
Signature:		Signature:	

9.0 Correlation Page For Multiple Listings

The following products, which are identical to those identified in this report except for model number and Listee name, are authorized to bear the ETL label under provisions of the Intertek Multiple Listing Program.

BASIC LISTEE	CIXI BOTAI ELECTRIC TECH CO., LTD
Address	Fuhai Industrial Zone, Fuhai Town Cixi, Zhejiang
Country	China
Product	Electric Fireplace Heater

MULTIPLE LISTEE 1	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	
MULTIPLE LISTEE 1 MODELS	BASIC LISTEE MODELS

MULTIPLE LISTEE 2	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	
MULTIPLE LISTEE 2 MODELS	BASIC LISTEE MODELS

MULTIPLE LISTEE 3	None
Address	
Country	
Brand Name	
ASSOCIATED MANUFACTURER	
Address	
Country	
MULTIPLE LISTEE 2 MODELS	BASIC LISTEE MODELS

10.0 General Information

The Applicant and Manufacturer have agreed to produce, test and label ETL Listed products in accordance with the requirements of this Report. The Manufacturer has also agreed to notify Intertek and to request authorization prior to using alternate parts, components or materials.

COMPONENTS

Components used shall be those itemized in this Intertek report covering the product, including any amendments and/or revisions.

LISTING MARK

The ETL Listing mark applied to the products shall either be separable in form, such as labels purchased from Intertek, or on a product nameplate or other media only as specifically authorized by Intertek. Use of the mark is subject to the control of Intertek.

The mark must include the following four items:

- 1) applicable country identifiers "US" and/or "C" or "US", "C" and "EU"
- 2) the word "Listed" or "Classified" or "Recognized Component" (whichever is appropriate)
- 3) a control number issued by Intertek
- 4) a product descriptor that identifies the standards used for certification. Example:

For US standards, the words, "Conforms to" shall appear with the standard number along with the word, "Standard" or "Std." Example: "Conforms to ANSI/UL Std. XX."

For Canadian standards, the words "Certified to CAN/CSA Standard CXX No. XX." shall be used, or abbreviated, "Cert. to CAN/CSA Std. CXX No. XX."

Can be used together when both standards are used.

If all standards on the ATM have the same standard title, the shared title or its abbreviation may be used in place of the examples above. Example: "Medical Electrical Equipment" or "MEE"; "Information Technology Equipment" or "ITE"; "Audio/Video Information And Communication Technology Equipment" or "A/V ICTE".

Note: A facsimile must be submitted to Intertek, Attn: Follow-up Services for approval prior to use.

The facsimile need not have a control number. A control number will be issued **after signed Certification Agreements** have been received by the Follow-up Services office, approval of the facsimile of your proposed Listing Mark, satisfactory completion of the Listing Report, and scheduling of a factory assessment in your facility.

MANUFACTURING AND PRODUCTION TESTS

Manufacturing and Production Tests shall be performed as required in this Report.

FOLLOW-UP SERVICE

Periodic unannounced audits of the manufacturing facility (and any locations authorized to apply the mark) shall be scheduled by Intertek. An audit report shall be issued after each visit. Special attention will be given to the following:

1. Conformance of the manufactured product to the descriptions in this Report.
2. Conformance of the use of the ETL mark with the requirements of this Report and the Certification Agreement.
3. Manufacturing changes.
4. Performance of specified Manufacturing and Production Tests.

In the event that the Intertek representative identifies non-conformance(s) to any provision of this Report, the Applicant shall take one or more of the following actions:

1. Correct the non-conformance.
2. Remove the ETL Mark from non-conforming product.
3. Contact the issuing product safety evaluation center for instructions.

10.1 Evaluation of Unlisted Components

Because Unlisted Components are uncontrolled, and they do not fall under a third party follow up program, Intertek may require these components to be tested and/or evaluated at least once annually, more often for certain components, as part of the independent certification process. The Unlisted Components in Section 5.0 require testing and/or evaluation as indicated.

The Applicant will be notified, in writing, via the applicable contact methods, as defined in Section 1.0, when these components must be selected and sent to Component Evaluation Center (CEC) for re-evaluation.

Due to particular testing requirements, some components may be requested to be shipped to specific labs. Thus, specific shipment destination(s) for each sample will be provided in the written notification.

Managing CEC Location:
Intertek Testing Services Shanghai Limited
ETL Component Evaluation Center
Building No. 86, 1198 Qinzhou Road (North)
Shanghai 200233, China
Attn: Ms. Emiliana Zhou

Sample Disposition: Due to the destructive nature of the testing, all samples will be discarded at the conclusion of testing unless, the manufacturer specifically requests the return of the samples. The request for return must accompany the initial component shipment.

11.0 Manufacturing and Production Tests

The manufacturer agrees to conduct the following Manufacturing and Production Tests as specified:

Required Tests

Dielectric Voltage Withstand Test

Tip Over Test

11.1 Dielectric Voltage Withstand Test

Method

One hundred percent of production of the products covered by this Report shall be subjected to a routine production line dielectric withstand test.

The test shall be conducted on products, which are fully assembled. Prior to applying the test potential, all switches, contractors, relays, etc., should be closed so that all primary circuits are energized by the test potential. If all primary circuits cannot be tested at one time, then separate applications of the test potential shall be made.

The test voltage specified below shall be applied between primary circuits and accessible dead-metal parts. The test voltage may be gradually increased to the specified value but must be maintained at the specified value for one second or one minute as required.

Test Equipment

The test equipment shall incorporate a transformer with an essentially sinusoidal output, a means to indicate the applied test potential, and an audible and/or visual indicator of dielectric breakdown.

The test equipment shall incorporate a voltmeter in the output circuit to indicate directly the applied test potential if the rated output of the test equipment is less than 500VA.

If the rated output of the test equipment is 500VA or more, the applied test potential may be indicated by either:

- 1 - a voltmeter in the primary circuit;
- 2 - a selector switch marked to indicate the test potential; or
- 3 - a marking in a readily visible location to indicate the test potential for test equipment having a single test potential output.

In cases 2 and 3, the test equipment shall include a lamp or other visual means to indicate that the test potential is present at the test equipment output. All test equipment shall be maintained in current calibration.

Products Requiring Dielectric Voltage Withstand Test:

<u>Product</u>	<u>Test Voltage</u>	<u>Test Time</u>
All models	1000V	60 s
	or	
	1200V	1 s

11.2 Tip Over Test:

Method

Each product listed below shall be subjected to the test to determine that the tip switch functions as intended after assembly in the heater. The heater shall be energized during the test.

Products Requiring Tip Over Test:

All products covered by this Report.

12.0 Revision Summary				
The following changes are in compliance with the declaration of Section 8.1:				
Date/ Proj # Site ID	Project Handler/ Reviewer	Section	Item	Description of Change
22-Jul-2020	Chain Zhang	2	-	Add new models: YH-2001, SPF203C, HA-HT018 and HA-HT003.
200601392S HA	Gavin Fu	2	-	Add new brand name SUNDAY LIVING, PRO CHOICE, LIFEPLUS, CHOICE PLUS and AINFOX.
		3	47 to 55	Add new photos related to new added model.
		4	42	Add a component related to new added model.
		8.0, 8.1	-	New test block added, Re-signed.
31-Dec-2021	Andy Huo	2	-	Added three new brand names: "Kismile", "R.W.FLAME" and "HOMCOM". Added one new model: SFP203C. Also added the information of them in Model Similarity.
211201882S HA	Chain Zhang	7	2	Deleted ETL logo, control number and standard. Added the information of new brand names.
22-Jul-2022	Chain Zhang	1	-	Update standard from "Movable And Wall-Or Ceiling-Hung Electric Room Heaters [UL 1278:2014 Ed.4 +R:20Aug2018]" to "Movable and Wall- or Ceiling-Hung Electric Room Heaters [UL 1278:2014 Ed.4+R:21Feb2022]".
220501350S HA	Wayle Chen	2	-	Add new brand name: Antarctic Star and AGLUCKY for all models.
		2	-	Add new models: YH-15(2), YH-20-1A(2), YH-20-1B(2), YH-20-1C(2). Add new descriptions related to new added models.
		3	38 to 41, 43 to 46	Add new informations related to new added models.
		3	56 to 63	Add new photos related to new added models.
		4	26, 27, 28, 40, 41	Add new informations related to new added models.
		4	43	Add new component related to new added models.
		7	1b, 1c	Add new manual related to updated standard.
		7	3c, 3d	Add new Cautionary Markings.
		7	4	Updata Cord Tag Marking.
		8.0, 8.1	-	New test block added, Re-signed.
17-Jul-2023	Marvin Meng	2	-	Add new brand name: Xbeauty, Joy Pebble, COWSAR, IQTRONIC and DOOYAOPLUS for all models.
230401913S HA	Marvin Meng Chain Zhang	2	-	Add new models: YH2201R, YH2202R, YH2302, YH2302L, YH-20-1D, YH-20-2D, YH-20-3D, YH-20-4, YH-2211. Add new descriptions related to new added models. Changed the Ratings related to new added models.
	Chain Zhang	3	5, 13, 21, 22, 41, 42, 44 to 46, 58, 59	Add new informations related to new added models.
		3	64 to 96	Add new photos related to new added models.
		4	12, 26 to 28, 32, 38, 40, 41	Add new informations related to new added models.

The following changes are in compliance with the declaration of Section 8.1:

[illegible]