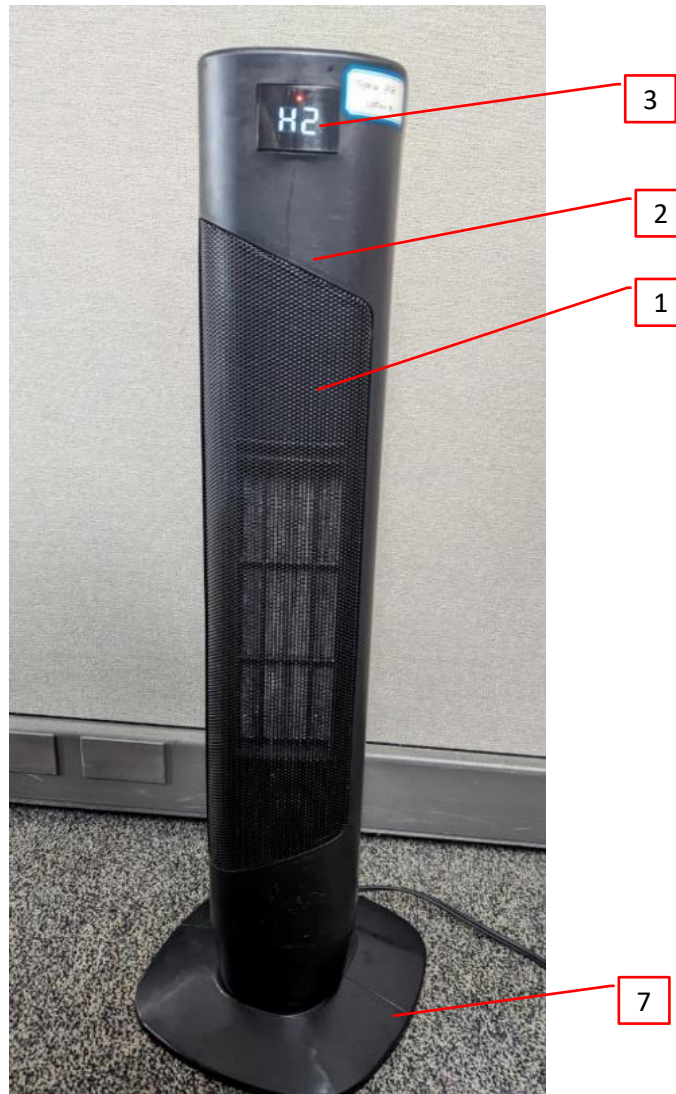


1.0 Reference and Address			
Report Number	105822394CRT-001	Original Issued: 29-May-2024	Revised: 7-Jul-2026
Standard(s)	Movable and Wall- or Ceiling- Hung Electrical Heaters[ANSI/UL 1278:2014 Ed.4+R:21Feb2022] Electric Air-Heaters (R2022) [CSA C22.2#46:2013 Ed.9]		
Applicant	Lasko Products, LLC	Manufacturer 1	Risheng Electrical Appliances Co. Ltd.
Address	820 Lincoln Ave West Chester, PA 19380	Address	Chuangye Industry Zone, Xinhe, Wanjiang District, Dongguan City, Guangdong Province, 523000
Country	USA	Country	China
Contact	Parvathi Kodandaraman	Contact	Xiao Yao Ren
Phone	+1 (610) 719-8949	Phone	86-769-88991018
FAX	NA	FAX	86-769-88991008
Email	pkodandaraman@laskoproducts.com	Email	xiaoyaoren@vip.163.com
Manufacturer 2	MAY QUALITY INDUSTRIES SDN. BHD.		
Address	LOT 836, JALAN ABDUL RAHMAN, PARIT KASSIM, MUAR, JOHOR, 84150		
Country	Malaysia		
Contact	Li Chun Bing		
Phone	13416618860		
FAX	NA		
Email	iso2@decomin.com.cn		

2.0 Product Description	
Product	Electric Heater
Brand name	Lasko, Air King
Description	The product covered by this report is a household, portable, indoor use, cord connected movable heater.
Models	CT32150, 832150, CT32170C
Model Similarity	Model 832150 is identical to model CT32150 except these models use a three conductor supply cord and can use the Air King branding. CT32170C is the same as CT32150 except it uses 5VA enclosure materials, rear body includes cord storage compartment, displays Celsius and includes English/French markings.
Ratings	120V, 1500W, 60Hz or 120V, 60Hz, 1500W @ 25°C 120V, 60Hz, 1500W @ 0°C See Illustration 1 for Specific Use
Other Ratings	NA

3.0 Product Photographs

Photo 1 - External view



3.0 Product Photographs

Photo 2 - External view



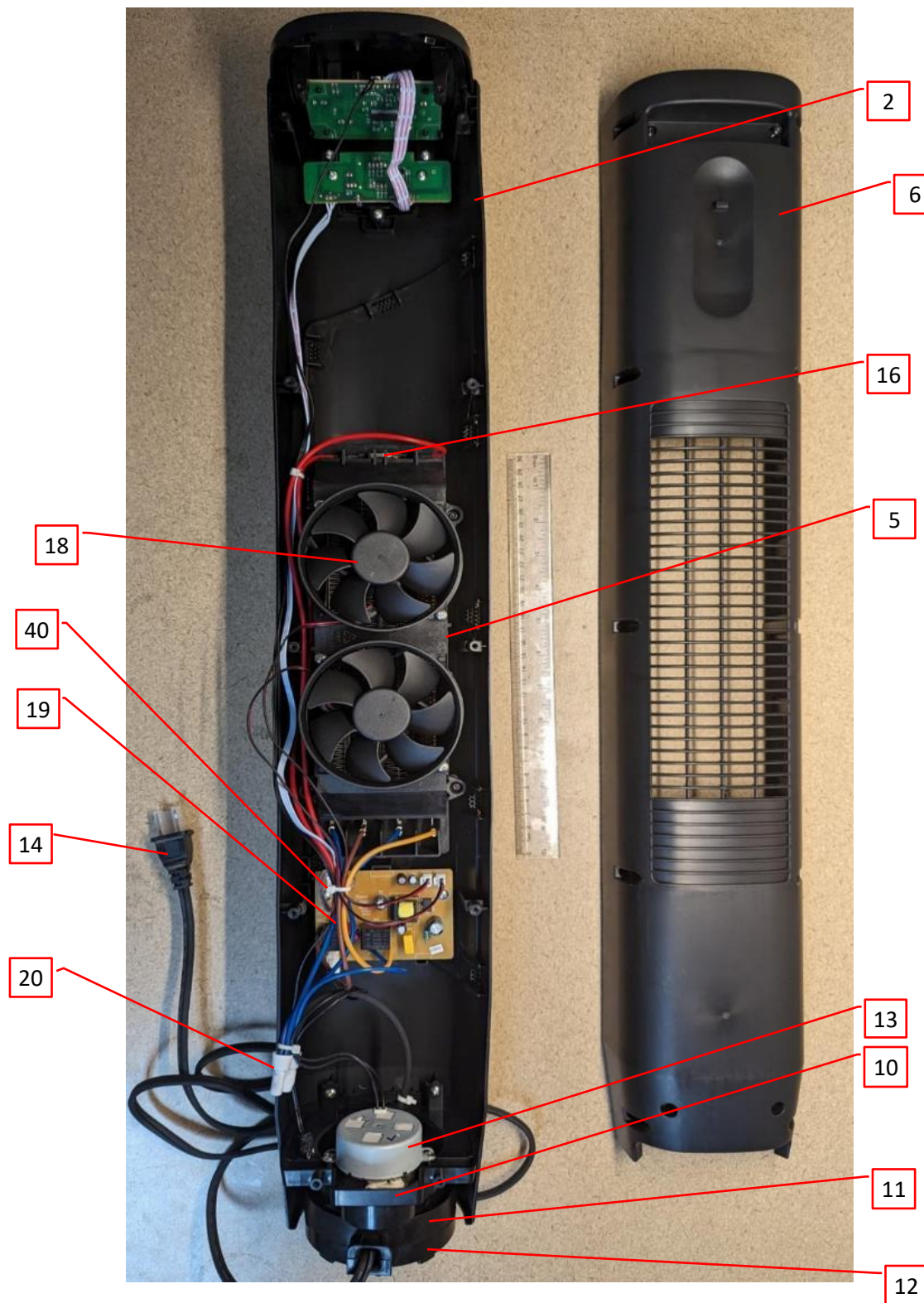
3.0 Product Photographs

Photo 3 - External View



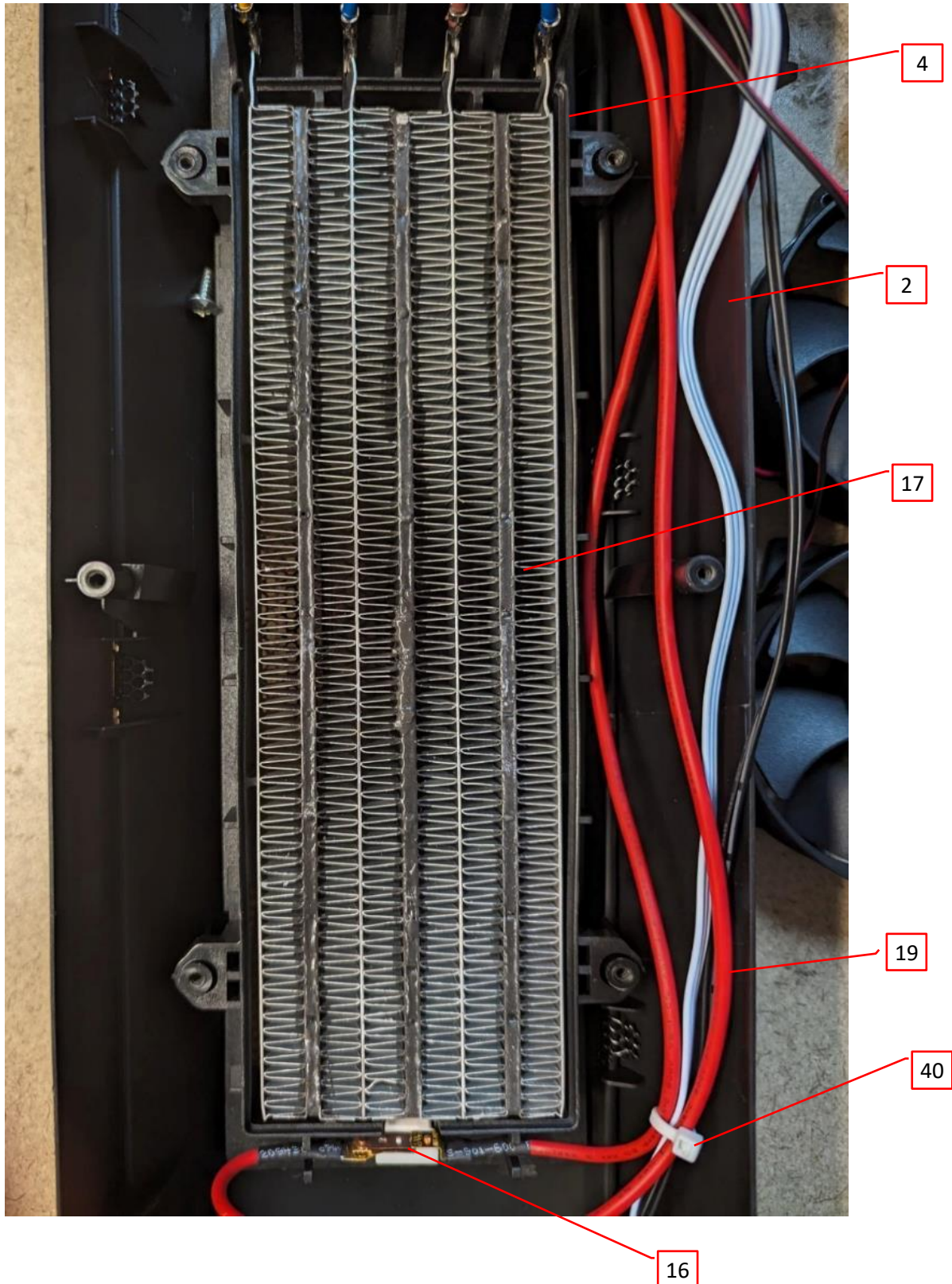
3.0 Product Photographs

Photo 4 - Internal view



3.0 Product Photographs

Photo 5 - Internal View (heater)



3.0 Product Photographs

Photo 6 - PCB 2034063 (Front) by Sounds Electric

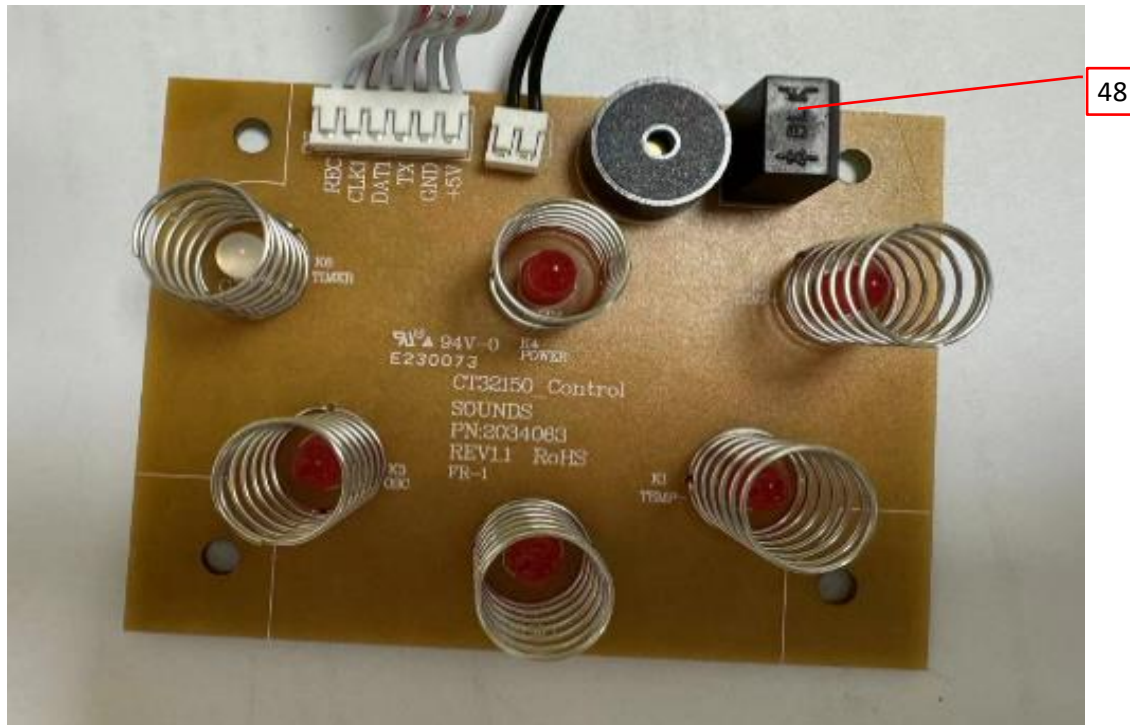
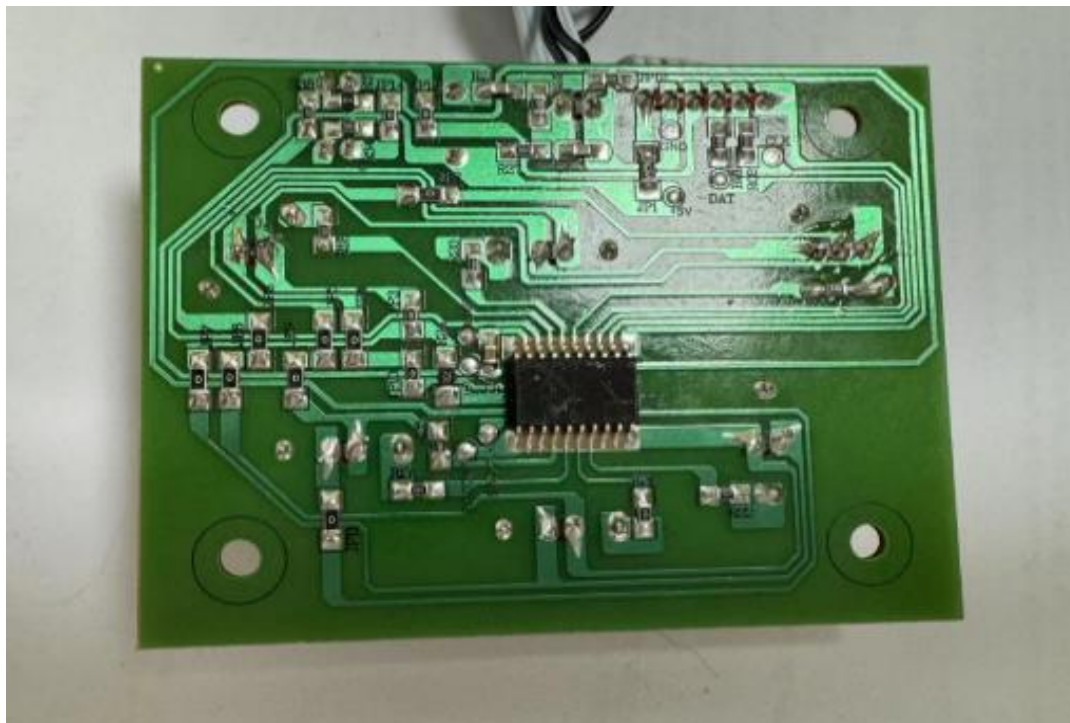


Photo 7 - PCB 2034063 (Rear) by Sounds Electric



3.0 Product Photographs

Photo 8 - PCB 2034064 (Front) by Sounds Electric

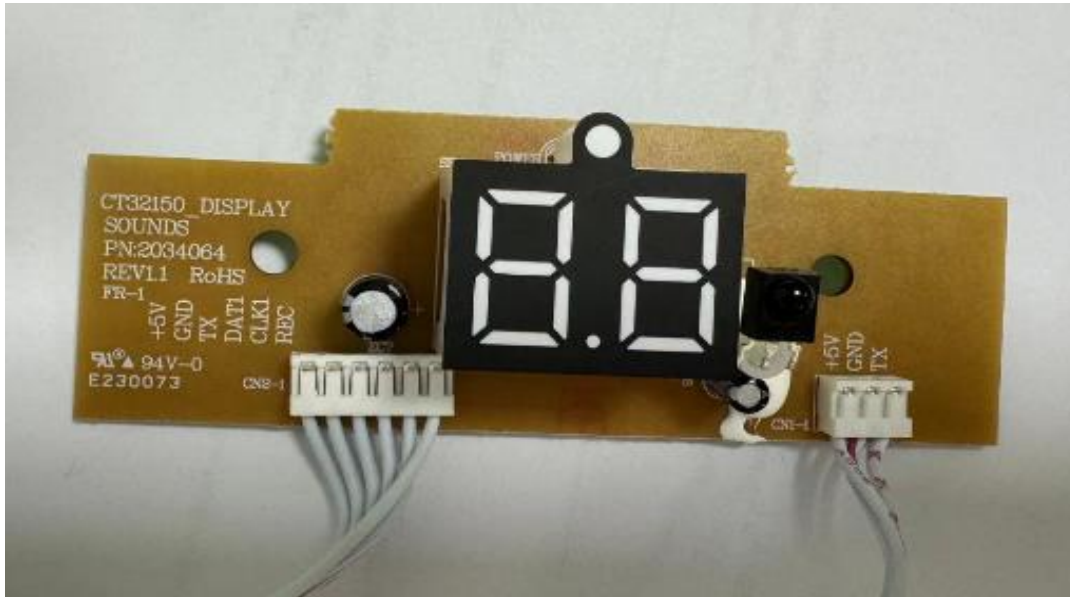
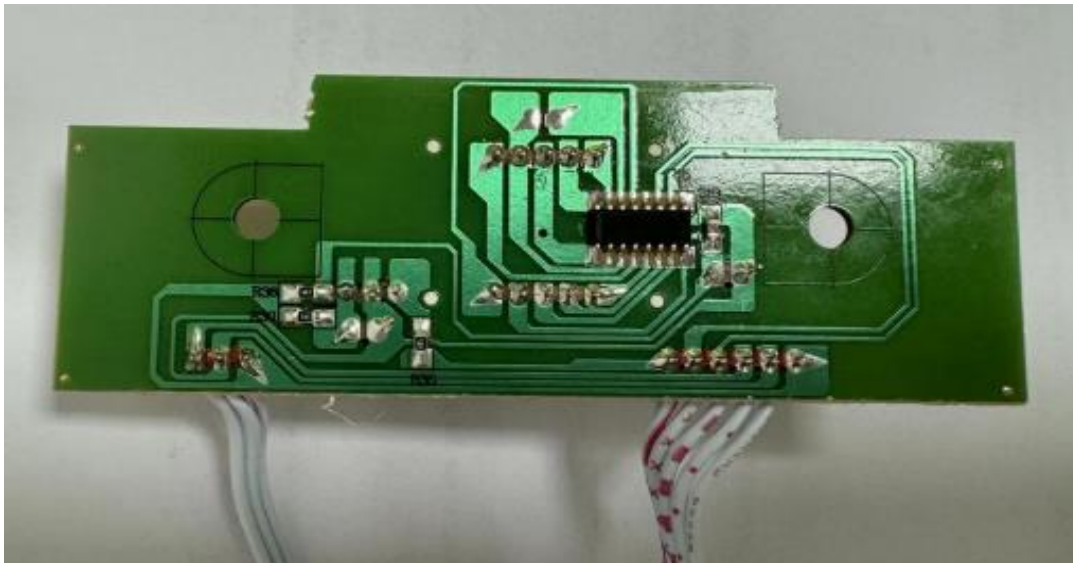


Photo 9 - PCB 2034064 (Rear) by Sounds Electric



3.0 Product Photographs

Photo 10 - PCB 2034062 (Front) by Sounds Electric

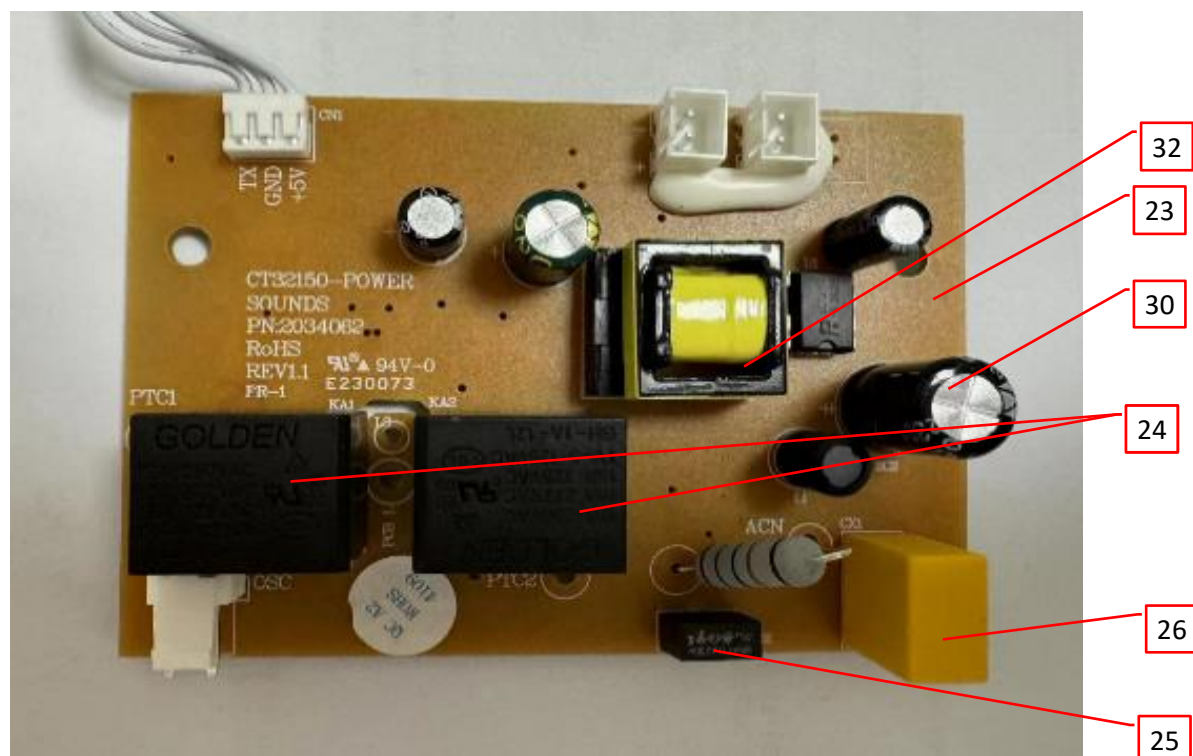
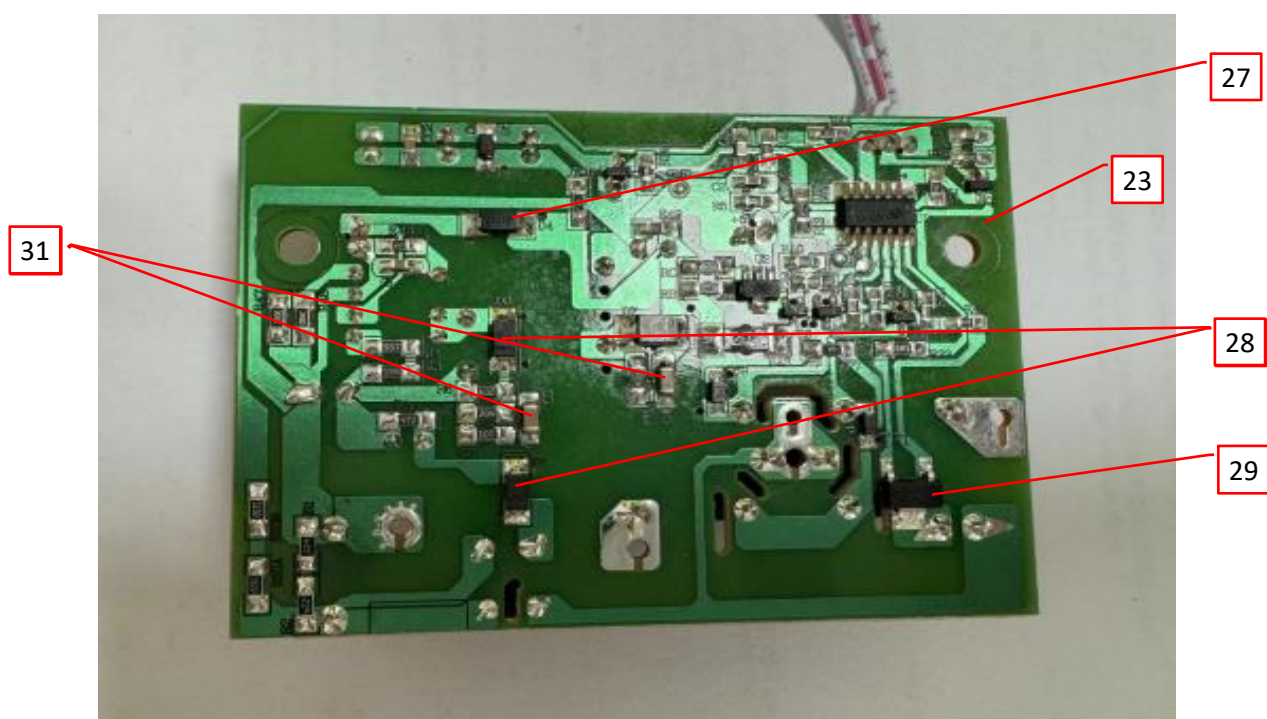


Photo 11 - PCB 2034062 (Rear) by Sounds Electric



3.0 Product Photographs

Photo 12 - PCB 2034063 (Front) by Topapex Technology

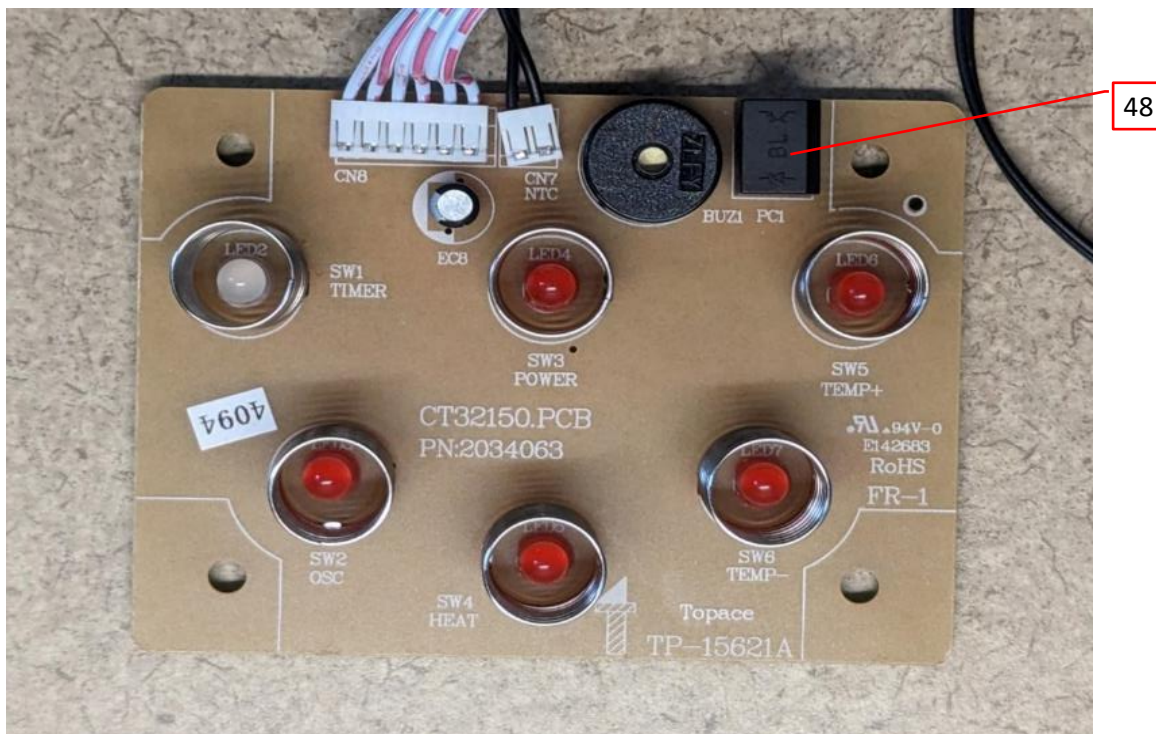
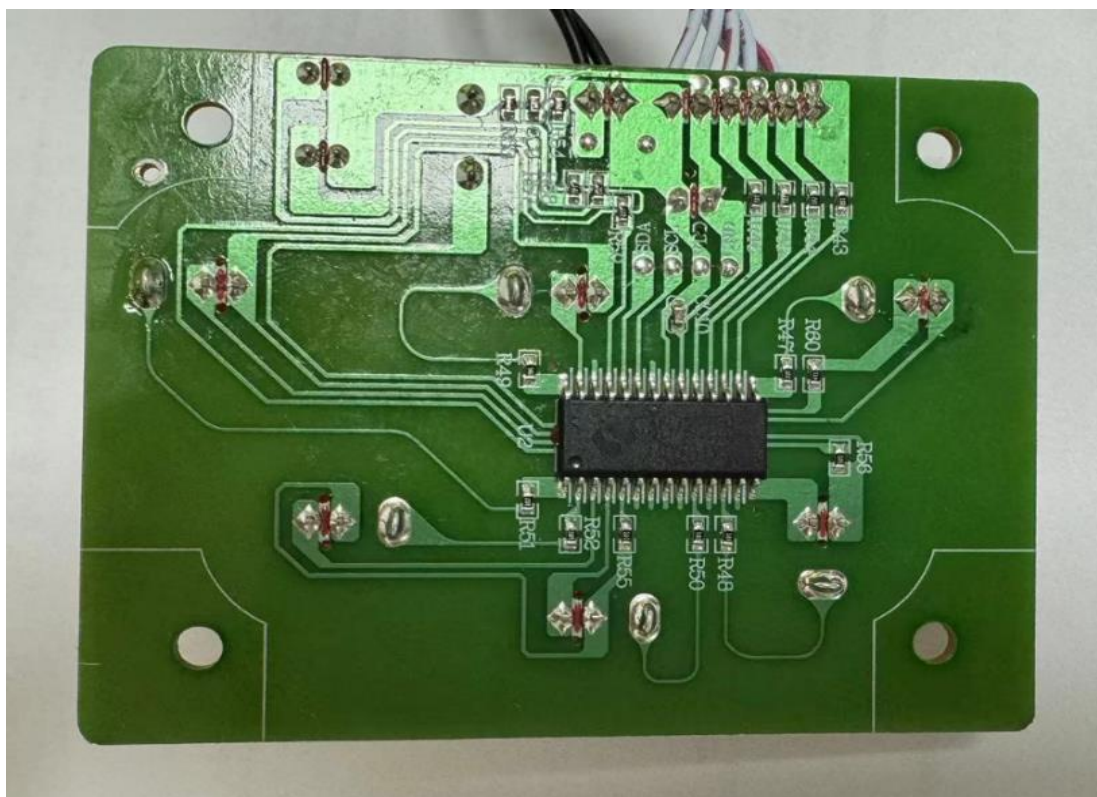


Photo 13 - PCB 2034063 (Rear) by Topapex Technology



3.0 Product Photographs

Photo 14 - PCB 2034064 (representative of 2034064C) (Front) by Topapex Technology

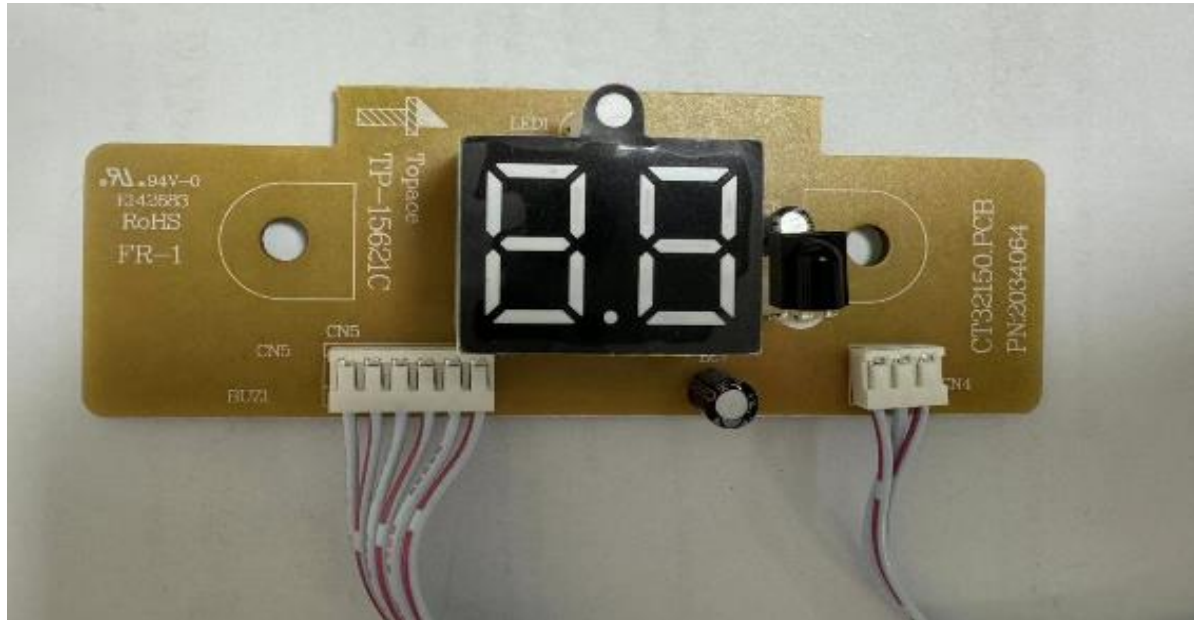
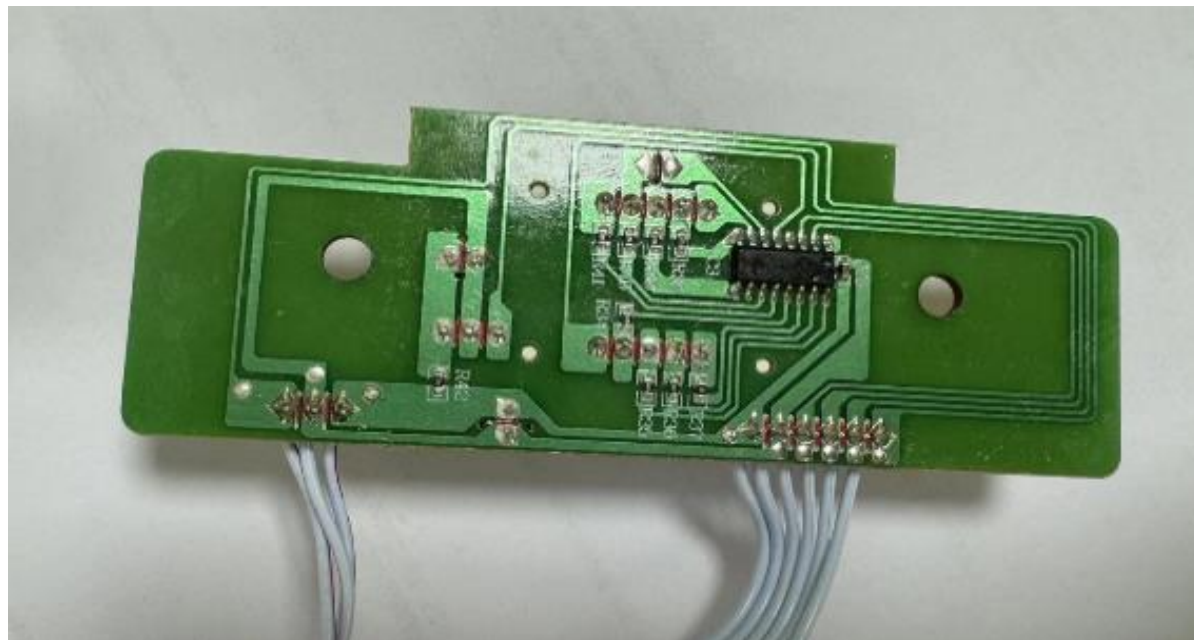


Photo 15 - PCB 2034064 (representative of 2034064C) (Rear) by Topapex Technology



3.0 Product Photographs

Photo 16 - PCB 2034062 (Front) by Topapex Technology

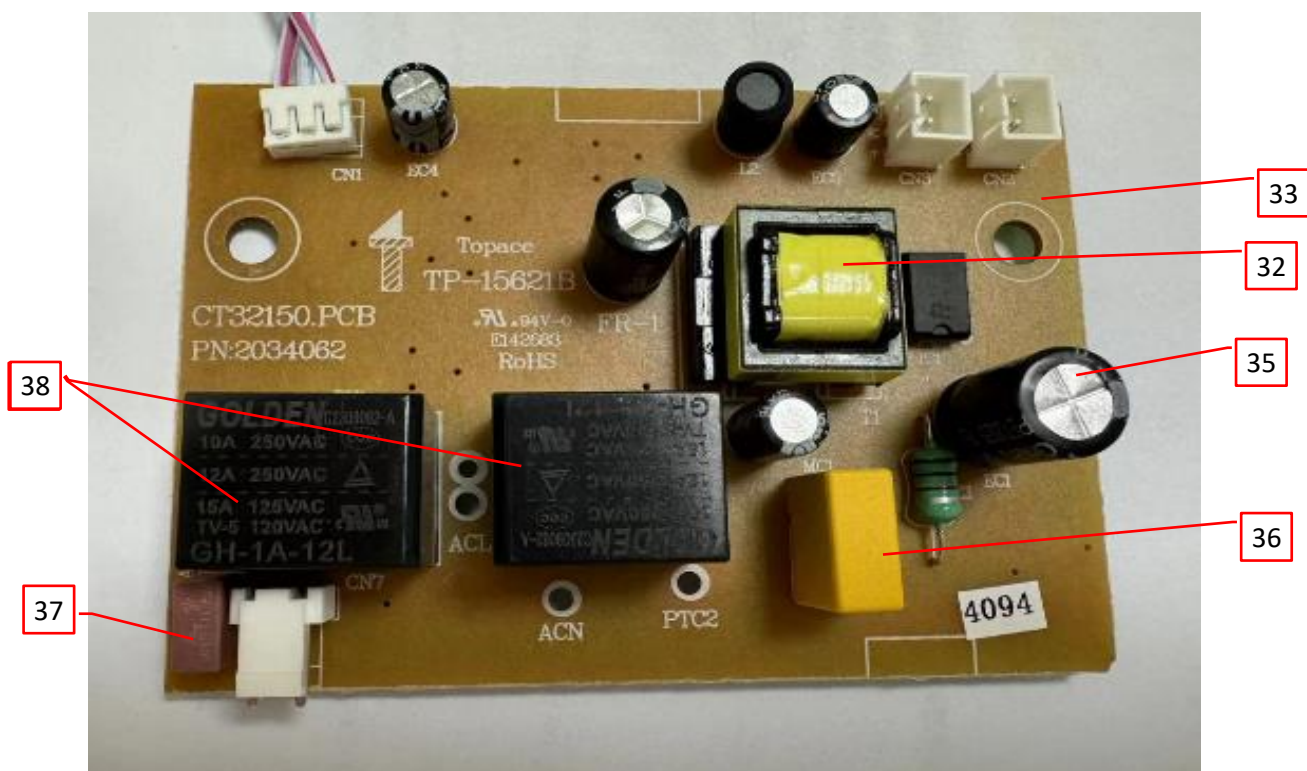
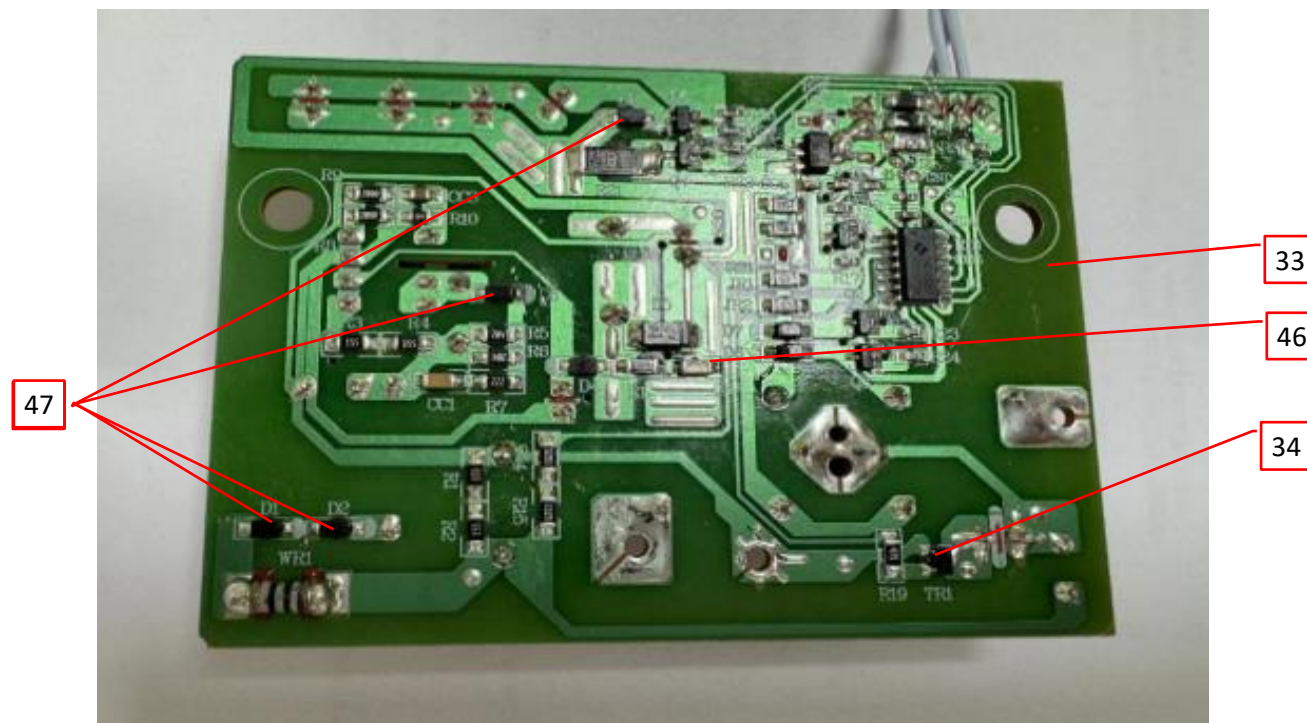


Photo 17 - PCB 2034062 (Rear) by Topapex Technology



3.0 Product Photographs

Photo 18 - Base Assembly

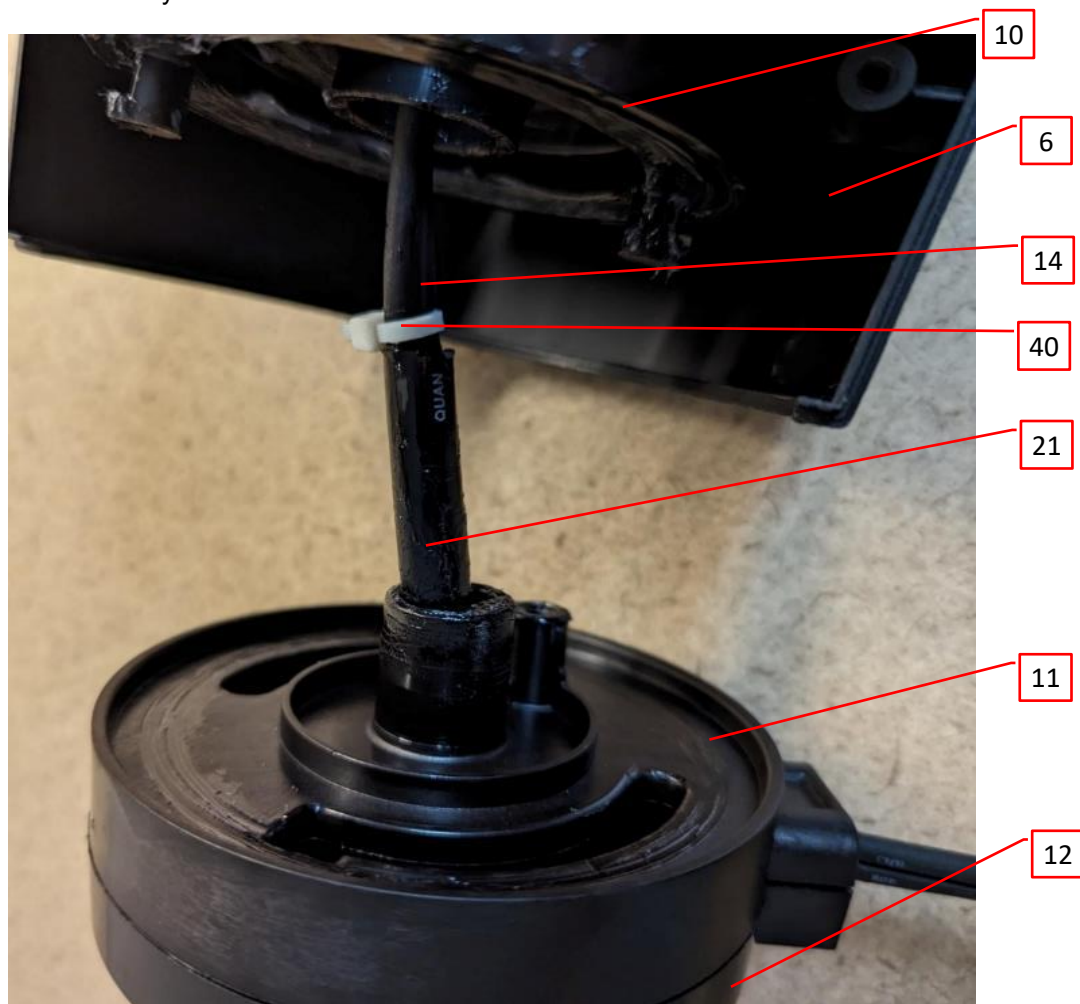


Photo 19 - Hand-Held Remote Control

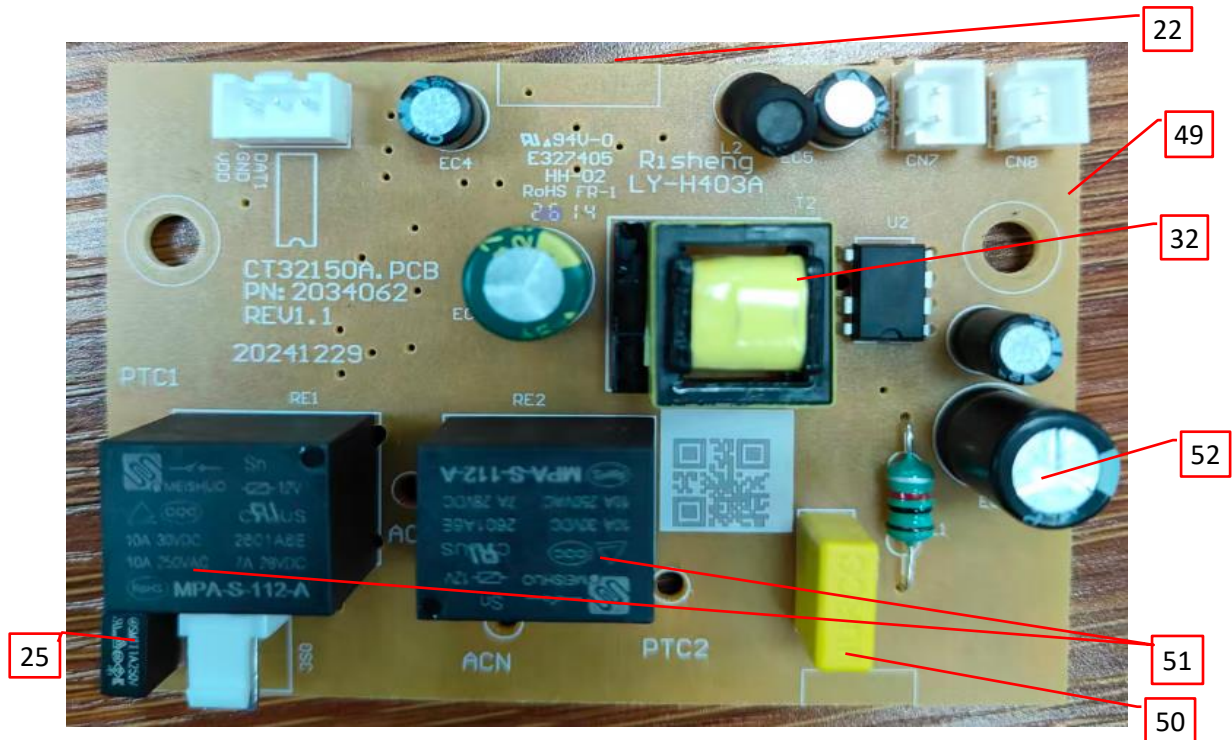


3.0 Product Photographs

Photo 20 - Remote Assembly



Photo 21 - PCB 2034062 (Front) by Risheng Electrical



3.0 Product Photographs

Photo 22 - PCB 2034062 (Rear) by Risheng Electrical

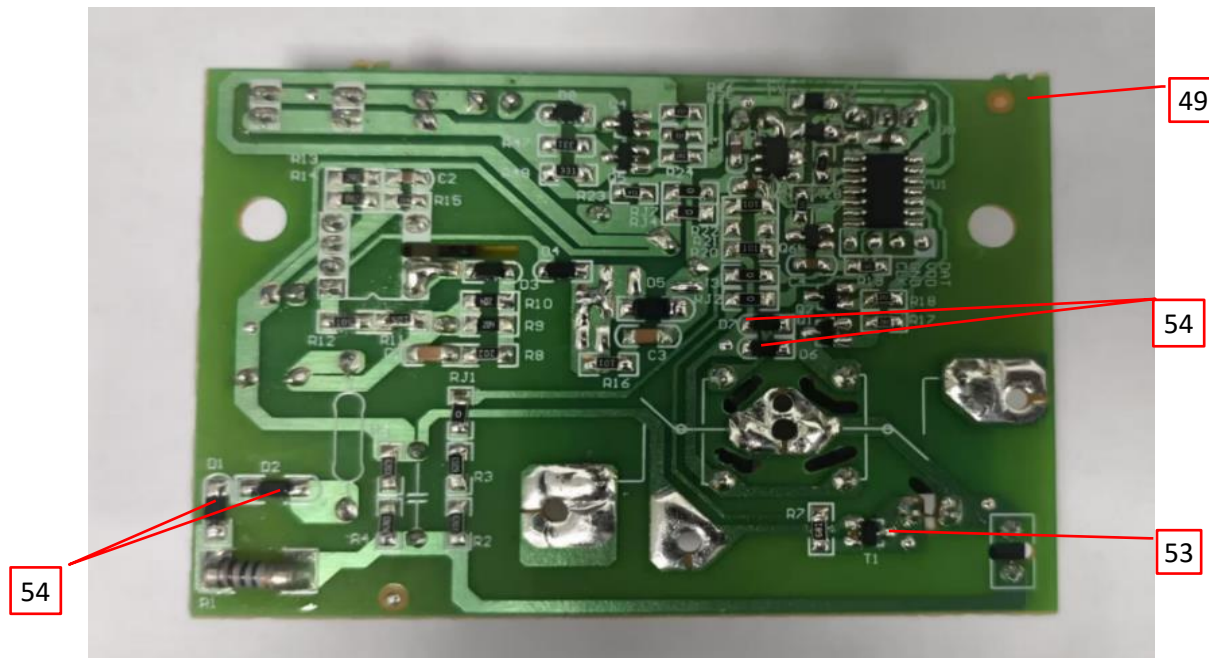
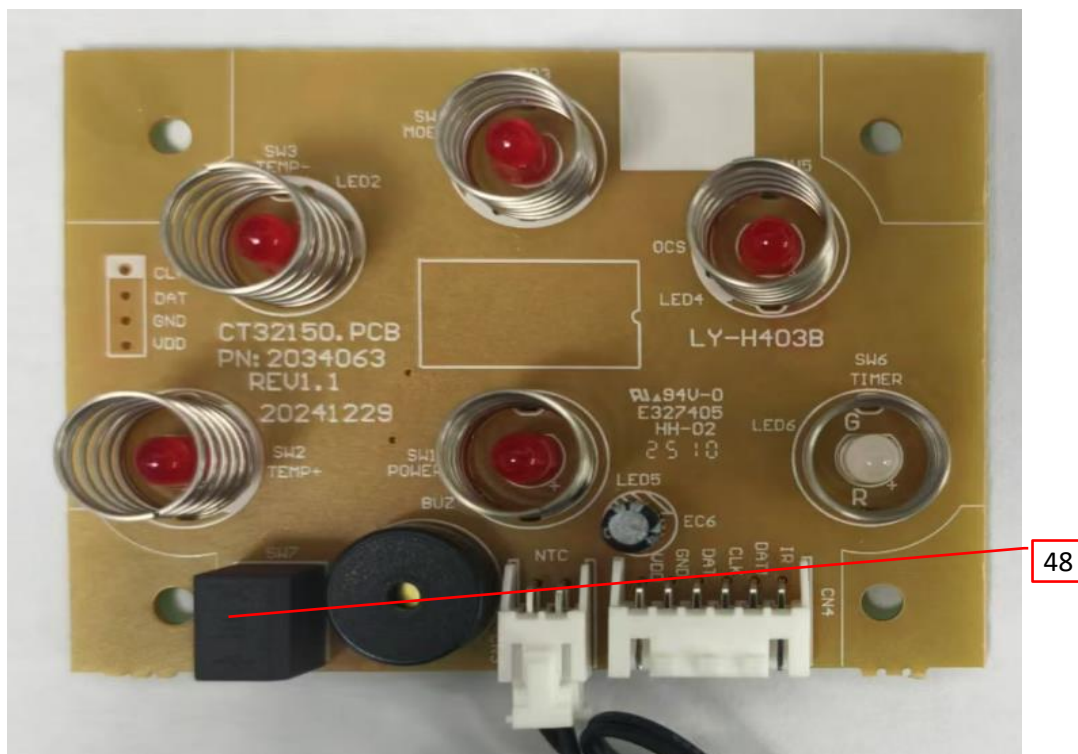


Photo 23 - PCB 2034063 (Front) by Risheng Electrical



3.0 Product Photographs

Photo 24 - PCB 2034063 (Rear) by Risheng Electrical

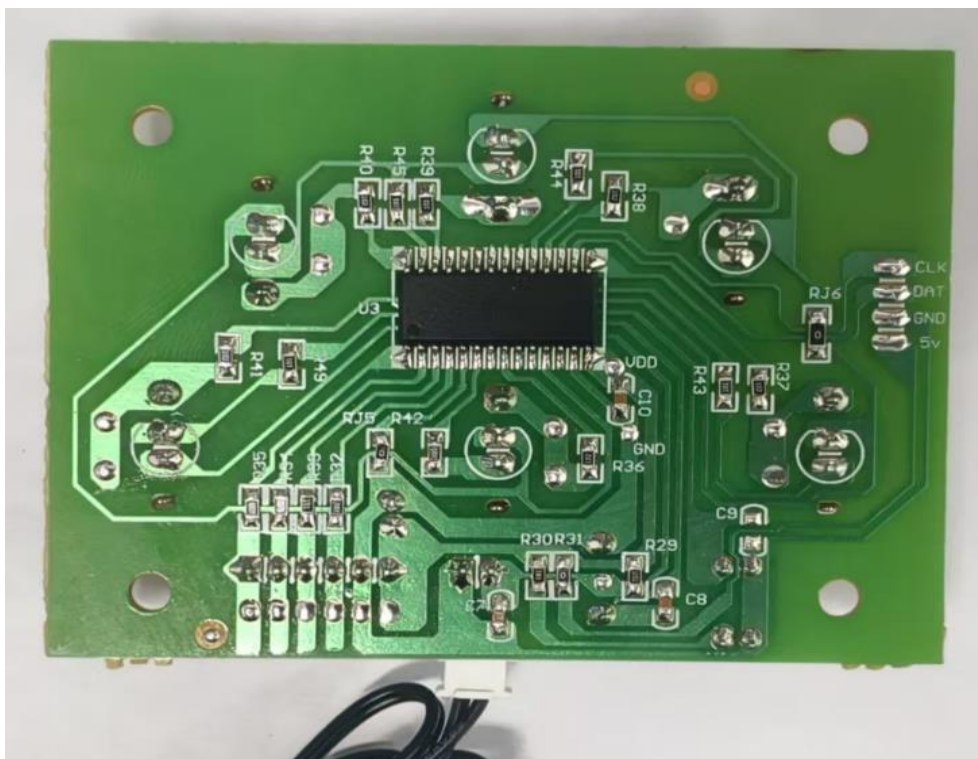


Photo 25 - PCB 2034064 (representative of 2034064C) (Front) by Risheng Electrical



3.0 Product Photographs

Photo 26 - PCB 2034064 (representative of 2034064C) (Rear) by Risheng Electrical

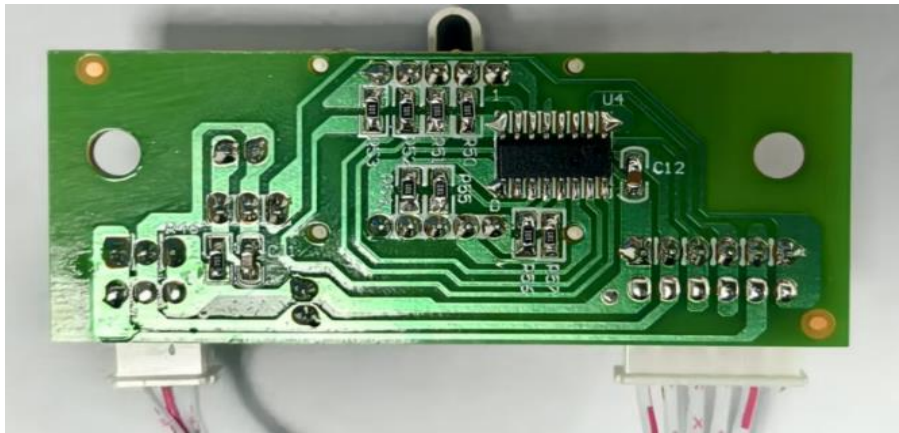
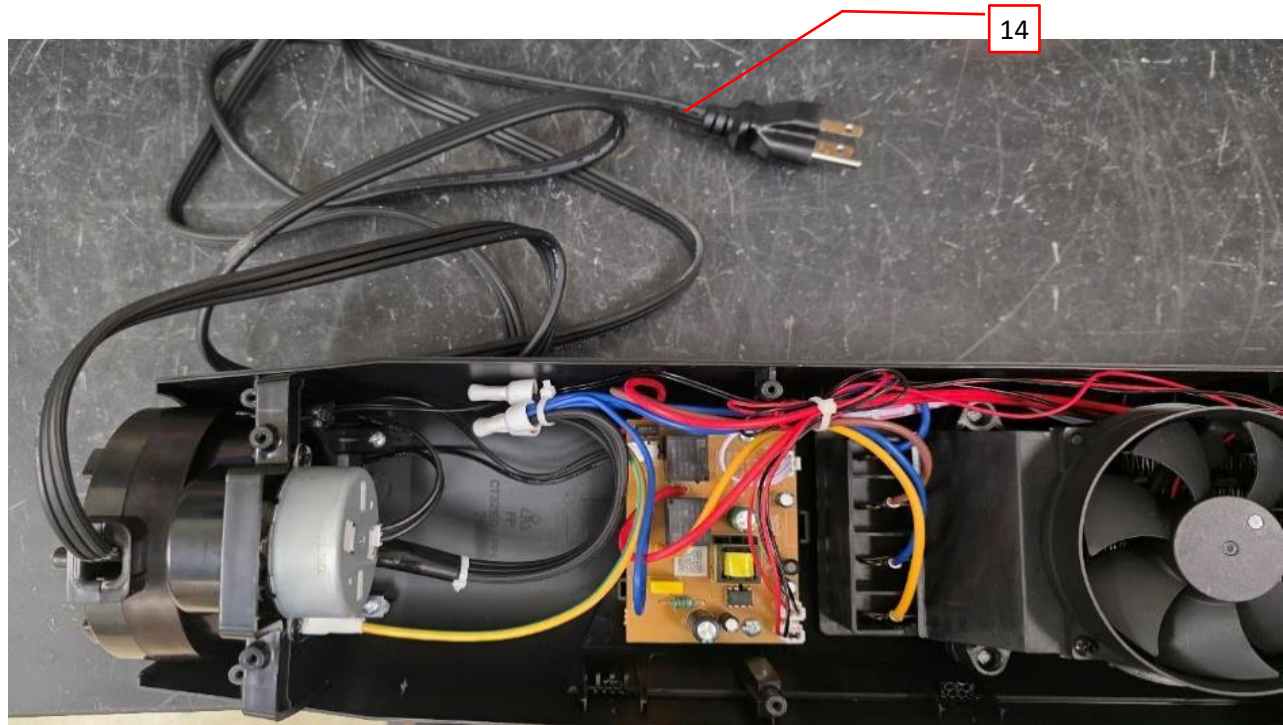
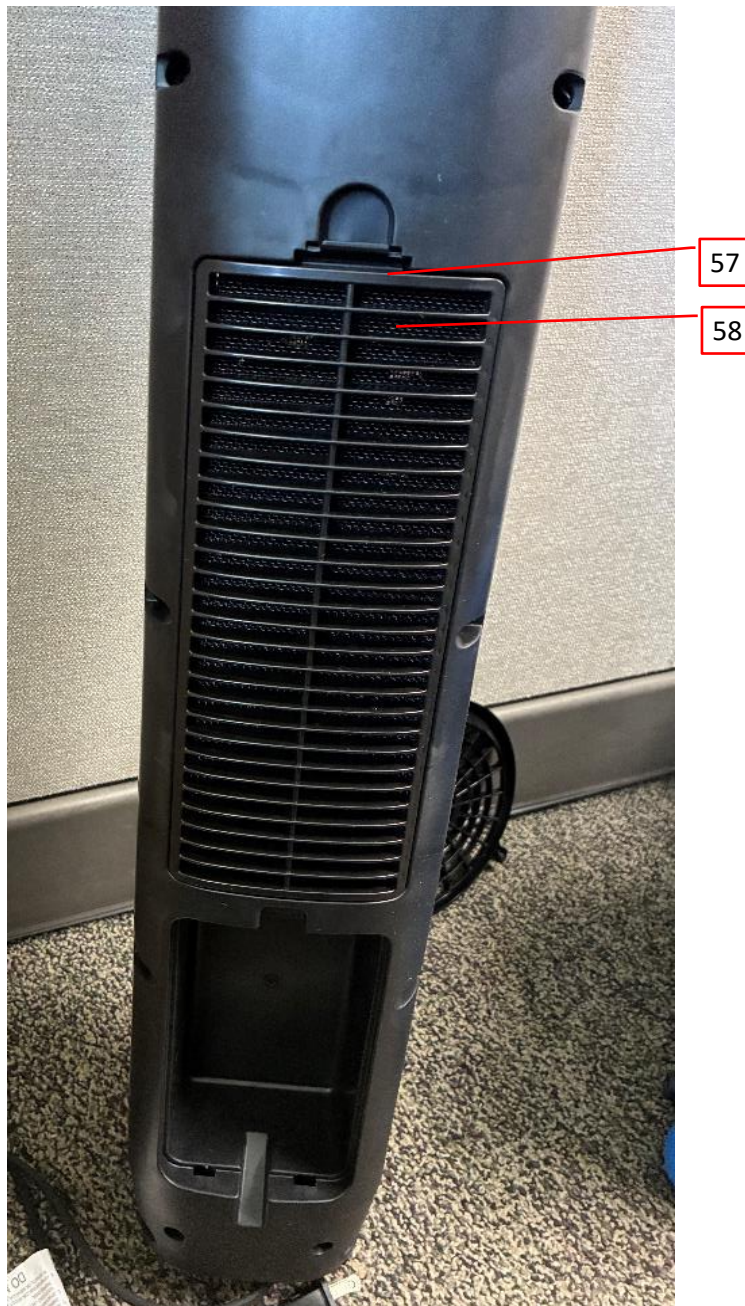


Photo 27 - Internal view of the 832150 electric heater, showing the connection of the 3 x 16AWG supply cord.



3.0 Product Photographs

Photo 28 - Rear view of model CT32170C



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 Grill	Various	Various	min thickness 1.0mm, opening diameter 2.01 mm	NR
1,4,5	2	Front Body	Polyrocks Chemical Co Ltd.	5000(f1)	PP, min 0.75mm thick, V-0 (All), rated 120°C. Refer to illustration 1 for specific use.	cURus
				5005(+)	PP, min 1.5mm thick, V-0, 5VA, rated 65°C (used in Model CT32170C); (+) – Replaced by blank, or 1, 2 or 3 characters of letters from A to Z and/or numerals from 0 to 9 to represent customer code. Refer to illustration 1 for specific use.	cURus
			Silver Age Engineering Plastics (Dongguan) Co Ltd.	433+(f1)	PP, min 0.75mm thick, V-0 (All), rated 110°C. Refer to illustration 1 for specific use.	cURus
				430H	PP, min 2.0mm thick, V-0, 5VA, rated 65°C (used in Model CT32170C); Refer to illustration 1 for specific use.	cURus
1	3	Lens	LG Chem Ltd.	GN-1006FM	PC, min 2.5mm thick, V-0 (All), rated 110°C; Refer to illustration 1 for specific use.	cURus
			Silver Age Engineering Plastics (Dongguan) Co Ltd.	230	PC, min 0.8mm thick, 94V-0 (NC, RD), rated 80°C; Refer to illustration 1 for specific use.	cURus
				2340	PC, min 2.1mm thick, V-0, 5VA, rated 80°C (used in Model CT32170C); Refer to illustration 1 for specific use.	cURus
5	4	Element Holder	Kingfa Sci & Tech Co Ltd.	PBT-RG301(r1)	PBT, min 1.5mm thick, V-0, rated 130°C; Refer to illustration 1 for specific use.	cURus
			Nantong Orient Plastics Co Ltd.	3080GF30		cURus
			Kingfa Sci & Tech Co Ltd.	PBT-RG301(r1)	PBT, min 1.0mm thick, V-0, 5VA, rated 130°C; Refer to illustration 1 for specific use.	cURus
4	5	Element Bracket	Kingfa Sci & Tech Co Ltd.	PBT-RG301(r1)	PBT, min 1.5mm thick, V-0, rated 130°C; Refer to illustration 1 for specific use.	cURus
			Nantong Orient Plastics Co Ltd.	3080GF30		cURus
			Kingfa Sci & Tech Co Ltd.	PBT-RG301(r1)	PBT, min 1.0mm thick, V-0, 5VA, rated 130°C; Refer to illustration 1 for specific use.	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
2,4, 18	6	Rear Body	Polyrocks Chemical Co Ltd.	5000(f1)	PP, min 0.75mm thick, V-0 (All), rated 120°C; Refer to illustration 1 for specific use.	cURus
				5005(+)	PP, min 1.5mm thick, V-0, 5VA, rated 65°C (used in Model CT32170C); (+) – Replaced by blank, or 1, 2 or 3 characters of letters from A to Z and/or numerals from 0 to 9 to represent customer code. Refer to illustration 1 for specific use.	cURus
			Silver Age Engineering Plastics (Dongguan) Co Ltd.	433+(f1)	PP, min 0.75mm thick, V-0 (All), rated 110°C; Refer to illustration 1 for specific use.	cURus
				430H	PP, min 2.0mm thick, V-0, 5VA, rated 65°C (used in Model CT32170C); Refer to illustration 1 for specific use.	cURus
1, 2	7	Base	LG Chem Huizhou Petrochemical Co Ltd.	AF312B	ABS, min 2.1mm thick, V-0, 5VB (All), rated 70°C; Refer to illustration 1 for specific use.	cURus
			LG Chem Ltd	AF365(&)	ABS, min 2.0mm thick, V-0, 5VA, rated 80°C (used in Model CT32170C); Refer to illustration 1 for specific use.	cURus
			Lotte Chemical Corporation.	VH-0815(+)	ABS, min 2.0mm thick, V-0, 5VB (All), rated 85°C; Refer to illustration 1 for specific use.	cURus
			Silver Age Engineering Plastics (Dongguan) Co Ltd.	3370	ABS, min 2.0mm thick, V-0, 5VA, rated 85°C (used in Model CT32170C); Refer to illustration 1 for specific use.	cURus
3	8	Top	LG Chem Ltd.	GN-1006FM	PC, min 2.5mm thick, V-0 (All), rated 110°C; Refer to illustration 1 for specific use.	cURus
			Silver Age Engineering Plastics (Dongguan) Co Ltd.	230	PC, min 0.8mm thick, V-0 (NC, RD), rated 80°C; Refer to illustration 1 for specific use.	cURus
				2340	PC, min 2.1mm thick, V-0, 5VA, rated 80°C (used in Model CT32170C); Refer to illustration 1 for specific use.	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
3	9	Top Trim	LG Chem Huizhou Petrochemical Co Ltd.	AF312B	ABS, min 2.1mm thick, V-0, 5VB (All), rated 70°C; Refer to illustration 1 for specific use.	cURus
			LG Chem Ltd	AF365(&)	ABS, min 2.0mm thick, V-0, 5VA, rated 80°C (used in Model CT32170C); Refer to illustration 1 for specific use.	cURus
			Lotte Chemical Corporation.	VH-0815(+)	ABS, min 2.0mm thick,V-0, 5VB (All), rated 85°C; Refer to illustration 1 for specific use.	cURus
			Silver Age Engineering Plastics (Dongguan) Co Ltd.	3370	ABS, min 2.0mm thick, V-0, 5VA, rated 85°C (used in Model CT32170C); Refer to illustration 1 for specific use.	cURus
4, 18	10	Oscillation Plate	LG Chem Huizhou Petrochemical Co Ltd.	AF312B	ABS, min 2.1mm thick, V-0, 5VB (All), rated 70°C; Refer to illustration 1 for specific use.	cURus
			LG Chem Ltd	AF365(&)	ABS, min 2.0mm thick, V-0, 5VA, rated 80°C (used in Model CT32170C); Refer to illustration 1 for specific use.	cURus
			Lotte Chemical Corporation.	VH-0815(+)	ABS, min 2.0mm thick,V-0, 5VB (All), rated 85°C; Refer to illustration 1 for specific use.	cURus
			Silver Age Engineering Plastics (Dongguan) Co Ltd.	3370	ABS, min 2.0mm thick, V-0, 5VA, rated 85°C (used in Model CT32170C); Refer to illustration 1 for specific use.	cURus
4, 18	11	Oscillation Adapter	Super-Dragon Engineering Plastics Co Ltd.	PA66FG430	Nylon, min 0.75mm thick,V-0, rated 65°C; Refer to illustration 1 for specific use.	cURus
					Nylon, min 1.5mm thick,V-0, 5VA rated 65°C (used in Model CT32170C); Refer to illustration 1 for specific use.	cURus
			Kingfa Sci & Tech Co Ltd.	PA66-RG301	Nylon, min 0.75mm thick,V-0, rated 65°C; Refer to illustration 1 for specific use.	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
4, 18	12	Oscillation Cover	LG Chem Huizhou Petrochemical Co Ltd.	AF312B	ABS, min 2.1mm thick, V-0, 5VB (All), rated 70°C; Refer to illustration 1 for specific use.	cURus
			LG Chem Ltd (E67151	AF365(&)	ABS, min 2.0mm thick, V-0, 5VA, rated 80°C (used in Model CT32170C); Refer to illustration 1 for specific use.	cURus
			Lotte Chemical Corporation.	VH-0815(+)	ABS, min 2.0mm thick,V-0, 5VB (All), rated 85°C; Refer to illustration 1 for specific use.	cURus
			Silver Age Engineering Plastics (Dongguan) Co Ltd.	3370	ABS, min 2.0mm thick, V-0, 5VA, rated 85°C (used in Model CT32170C); Refer to illustration 1 for specific use.	cURus
4	13	Oscillation Motor	Foshan Shunde Hengxing Micro Motor Co Ltd.	TYJ50-8A	120 V, 50/60 Hz, 4 W, Screwed to oscillation plate.	cURus
			Minzhuo Electric Co Ltd	50TYZ-0.2B02		
			Jiangmen Dongrun Mechinery And Electrical Co Ltd	TY50J		
2, 4, 18, 27	14	Cordset	Various	HPN-R	16AWG/2C. Rated 300V, 105°C., R-rated, terminating into a molded on polarized 1-15P rated 125V, 15A parallel blade attachment plug. Cord length minimum 1.8m (6 ft.) to 2.4m (8 ft.) measured from the cord exit to the face of the attachment plug. Provide with molded on 1-15P polarized attachment plug rated min. 10A, 125V	cURus, cETLus
			Various	HPN-R	16AWG/3C. Rated 300V, 105°C., R-rated, terminating into a molded on 5-15P rated 125V, 15A blade attachment plug. Cord length minimum 1.8m (6 ft.) to 2.4m (8 ft.) measured from the cord exit to the face of the attachment plug. For use on model 832150	cURus, cETLus

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
1,4,5	15	Label (Not Shown)	Zhongshan Fuzhou Adhesive Product Co Ltd.	TL-TA25	Max temp 60°C for ABS, Indoor use, Approved for application on galvanized steel and ABS polymeric. 125°C Max temp for steel.	UR
				TL-SM25	Max temp 60°C for ABS, Indoor use, Approved for application on galvanized steel and ABS polymeric. 125°C Max temp for steel.	
			LIAN YI PRINTING CO LTD	LY-03	Max temp 80°C, for applications on Polypropylene, Indoor use (min)	
4,5	16	TCO Reset	Auone Electronic Mfg Ltd.	AUT-70P	70°C, 125V	cURus
			Foshan Eagle Technology Co Ltd.	AMT-P2-70°C	70°C, 125V	cURus
5	17	Element	Dongguan Longyang Electronic Technology Co Ltd.	LYB-120-1500	120V, 60Hz, 1500W, measuring 238mm x 66mm x 15mm	cURus
			KAI YI ELECTRIC HEATING(M) SDN. BND.			
			Dongguan City LongKey Electronic Co Ltd.	RFB-120-1500		
4	18	DC Fan	Shenzhen Haozhi Technology Co Ltd	FD9025SH	DC 12V 0.25A	cURus
			Shenzhen Yongyihao Electronic Co.,Ltd	YY9225L12S	DC 12V 0.20A	
4,5	19	Internal Wire	Risheng Electrical Appliances Factory #2 Plant	1015	20AWG-16AWG(element), 600V, 105°C, VW-1	cURus
			Various			
4	20	Closed end Connector	Heavy Power Co Ltd	CE2	PA66, V-0, 150°C, 300V	cURus
				CE2X		
				CE5		
				CE5X		
18	21	PVC Sleeve	Dongguan Salipt Co Ltd	Salipt S-901-600	105°C (min), 300V (min)	cURus
			Various	Various		

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
10, 11, 16, 17, 21, 22	22	Power Board	Sounds Electric Co., Ltd.	2034062	Rated 120V, 60 Hz. Consists of items 23,24,25,26,27,28,29,30,31,32,48	NR
			Topapex Technology Co., Ltd.	2034062	Rated 120V, 60 Hz. Consists of items 32,33,34,35,36,37,38,46,47,48	NR
			Risheng Electrical Appliances Co. Ltd.	2034062	Rated 120V, 60 Hz. Consists of items 25, 32, 48-54	NR
10, 11	23	PCB (SOUNDS)	ZHONGSHAN LIXIN CHAIN-BOARD CO LTD	94V-0	Measuring 104×86.5mm, minimum 1.5mm thick. Rated 130°C, V-0	cURus
			KINGBOARD LAMINATES HOLDINGS LTD			
			MEI ZHOU CHAO JIE ELECTRONIC CO.,LTD			
			Foshan Junze Electronics Co., Ltd			
			HUIZHOU ZHENGHUA ELECTRONICS CO LTD			
10	24	Relay - KA1, KA2 (SOUNDS)	ZHONGSHAN CHENGYE ELECTRONIC CIRCUIT BOARD CO.,LTD	GH-1A-12L	/15A125V/10A/277V	cURus
			Dongguan Golden Electrical Appliance Co Ltd			
			ZHEJIANG MEISHUO ELECTRIC TECHNOLOGY CO LTD			
			Shenzhen Yuanze Electric Co Ltd			
			ZHONGSHAN XIAOLAN GUOKE RELAY FACTORY			
			Ningbo Zettler Electronics Co Ltd	JQC-3FF/012-1HS(551)	12V 15A 125V 10A 277V.AC	cURus
				MPA-S-112-A	15A 125VAC/30VDC	
				Y3F-SS-112DM	12V 15A 125V 10A 277V.AC	
				GK3FF-12VDC-S-A	12V 15A 125V 10A 277V.AC	

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
10, 21	25	FUSE	SHENZHEN LANSO ELECTRONICS CO LTD	SMT	1A 250V.AC	cURus
			DONGGUAN BETTER ELECTRONICS TECHNOLOGY CO LTD	932	1A 250V.AC,Used with sounds only.	
			ZHONG SHAN LANBAO ELECTRICAL APPLIANCES CO LTD	TB/TR	1A 250V.AC , Used with sounds only.	
			Foshan Xinhongfu Electronics Co., Ltd	293	1A 250V.AC , Used with sounds only.	
			XC ELECTRONICS (SHENZHEN) CORP LTD	5TE	1A 250V.AC	
10	26	X2 capacitor - CX1 (SOUNDS)	Dongguan Weiqing Electronic Co.,Ltd.	MKP-X2	Rated 275VAC, 0.22uF, 105°C	cURus
			Guangdong Fengming Electronic Tech. Co.,LTD	MPX	Rated 275VAC, 0.22uF, 105°C	
			Guangdong Jinggang Electronic Technology Co.,Ltd	MKP-X2	Rated 275VAC, 0.22uF, 105°C	
			Shantou High-New Technology Dev. Zone Songtian Enterprise Co., Ltd	MPX	Rated 275VAC, 0.22uF, 105°C	
11	27	Chip Diode - D4 (SOUNDS)	TAKCHEONG ELECTRONICS SHANWEI CO.,LTD	RS1M	1A, 1000V, DO-214, AC	NR
			CHANGZHOU ZHIDE ELECTRONIC CO.,LTD	RS1M		

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
11	28	Chip Diode - D1, D3 (SOUNDS)	TAKCHEONG ELECTRONICS SHANWEI CO.,LTD	M7	1A, 1000V, DO-214, AC	NR
			CHANGZHOU ZHIDE ELECTRONIC CO.,LTD	M7		
11	29	Triac - TR1 (SOUNDS)	SHANGHAI SEEFULL ELECTRONIC CO.,LTD/LITE-ON SEMICONDUCTOR(WU XI)CO.,LTD/LITE-ON SEMICONDUCTOR CORP.	SOT-223	1A 800V 5mA	NR
			ADVANCED CORPORATION LIMITED	SOT-223		
			JIANGSU DONGCHEN ELECTRONICS TECHNOLOGY CO.,LTD	SOT-223		
10	30	Aluminum Electrolytic Capacitor - EC2 (SOUNDS)	Suqian Huhong Electronic Industrial Co.Ltd	Various	Rated 250V 22UF 10*17 ±20% 105°C	NR
			CHENGDU DASEN ELECTRONIC CO.,LTD	Various		
			DONGGUAN E-TAK ELECTRONIC CO.,LTD .	Various		
			YIYANG WANJINGYUAN ELECTRONIC CO.,LTD	Various		
			SHENZHEN RUIKANG ELECTRONICS LIMITED COMPANY	Various		

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
11	31	SMD capacitor - C3, C4 (SOUNDS)	GUANGDONG FENGHUA ADVANCED TECHNOLOGY(HOLDING)CO.,LTD	Various	102PF ±10% 1KV X7R	NR
			SAMSUNG ELECTRO-MECHANICS	Various		
10, 16, 21	32	Transformer - T1	Guang Dong GuoCi Electronics Limited	EE16-12V1A	Input: 120 V Output: 12 V	See 5.0
16, 17	33	PCB (TOPAPEX)	YEE KING INTERNATIONAL SOURCING LTD	YK2	FR-1/1.6mm, V-0, 130°C, Used with Topapex only.	cURus
			DONGGUAN HUATUO ELECTRONIC CO LTD	YK-02	FR-1/1.6mm, V-0, 130°C, Used with Topapex only.	
			FENGSHUN JUNDA ELECTRONIC CO LTD	JD-V	FR-1/1.6mm, V-0, 130°C, Used with Topapex only.	
17	34	SMT Triac - TR1 (TOPAPEX)	JIANGSUGOODC AT SEMICONDUCTOR CO.,LTD	97A6	0.5A/600V	NR
			Jiejie Microelectronics Co., Ltd	JST132L		NR
16	35	Aluminum Electrolytic Capacitor - EC1 (TOPAPEX)	KANG CHENG DA ELECTRONIC CO.,LTD	Various	22UF/250V	NR
			Suqian Huahong Electronic Industrial Co,Ltd	Various		NR
			Guangdong Ketuo Electronic Components	Various		NR
			Various	Various		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
16	36	X2 Capacitor - MC1 (TOPAPEX)	SURETOP TECHNOLOGY CO LTD	104	275VAC	cURus
			SHANTOU HIGH-NEW TECHNOLOGY DEVELOPMNT ZONE SONGTIAN ENTERPRISE CO LTD			cURus
			Various			cURus
16	37	FUSE (TOPAPEX)	XC ELECTRONICS (SHENZHEN) CO RP LTD	5TE	(1A/250V)	cURus
			SHENZHEN LANSON ELECTRONICS CO LTD	SMT	(1A/250V)	cURus
16	38	Relay - RY1,2 (TOPAPEX)	SHENZHEN GOLDEN ELECTRICAL APPLIANCES CO LTD	GH-1A-12L	15A 125VAC	cURus
			SANYOU CORPORATION LIMITED	SRD-S-112DM	15A 125VAC	cURus
			ZHEJIANG MEISHUO ELECTRIC TECHNOLOGY CO LTD	MPA-S-112-A	15A 125VAC	cURus
19	39	Hand-Held Remote Control	Risheng	0205589RS	IR, line of sight. Battery operated hand-held remote. Consists of items 41, 42, 43, and 44.	NR
4,5, 18	40	Zip Tie	Dongguan Gino Plastic Products Co Ltd.	Various	Rated V-0, 85°C.	□ cURus
			Shengteng Platies Mfg Co Ltd.	Various	Rated V-0, 85°C.	cURus
			Various	Various	Rated V-0, 85°C.	cURus
19, 20	41	Front Cover, Remote	LG Chem Huizhou Petrochemical Co Ltd.	HP181	ABS, HB, 75°C, 1.6mm thick. Refer to illustration 14 for dimentional drawing	cURus
			Ningbo LG Yongxing Chemical Co Ltd.	HI-121H	ABS, HB, 80°C, min 1.5mm thick	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
20	42	Rear Cover, Remote	LG Chem Huizhou Petrochemical Co Ltd.	HP181	ABS, HB, 75°C, 1.6mm thick. Refer to illustration 14 for dimensional drawing	cURus
			Ningbo LG Yongxing Chemical Co Ltd.	HI-121H	ABS, HB, 80°C, min 1.5mm thick	cURus
20	43	Battery Cover	LG Chem Huizhou Petrochemical Co Ltd.	HP181	ABS, HB, 75°C, 1.6mm thick, 0.58NM, Refer to illustration 15 for dimensional drawing.	cURus
			Ningbo LG Yongxing Chemical Co Ltd.	HI-121H	ABS, HB, 80°C, min 1.5mm thick	cURus
20	44	Coin Cell Battery	Various	CR2025	1 supplied, Lithium metal based, 3V	NR
2, 4, 18	45	Cord Tag (not shown)	Lasko	Tyvek L 1057D	Label with adhesive, DRAGON-FC Ink imprinted on top of base material. Rated for use on HPN-R cord 16AWG or larger. If the component does not bear the mark of conformity, refer to ETL report 100775497CRT-001 to inspect this component.	ETLus Recognized
17	46	SMT Capacitor - CC2, CC4 (TOPAPEX)	Meilong Electronic (Shenzen) Co Ltd.	Various	1KV, 102K, 1206	NR
17	47	SMT Diode - D1,D2,D3,D4,D8 (TOPAPEX)	Shenzhen Zhirun Crystal Co., Ltd.	1N4007W/A7	1A, 1000V	NR
			Jifu Electronic Co., Ltd			
			CH ELECTRONIC(SH ENZHEN) CO LTD			
			Jinan Jingheng Electronics Co., Ltd.	R1M		
Jifu Electronic Co., Ltd						
CH ELECTRONIC(SH ENZHEN) CO LTD						
6, 12, 23	48	Photoelectric Tip Switch - SW, PC1	BAI LING ELECTRONICS CO.,LTD.	BL-3030-45	6-20ma, 4.5-5V, 85°C	NR
			Various	Various	6-20ma, 4.5-5V, 85°C	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
21, 22	49	PCB (Risheng)	Shye Feng (Dongguan) Co Ltd (E466059)	990V0	FR-1, 1.6mm, V-0, 130°C	UR
			Hung Hing Electronics Co Ltd (E327405)	HH-02	FR-1, 1.6mm, V-0, 130°C	cURus
			Hua Xing Circuit Board (HK) Ltd (E467089)	BS-03	FR-1, 1.6mm, V-0, 105°C	UR
21	50	X2 Capacitor (CX1) (Risheng)	Guangdong Jurcc Electronics Co. Ltd. (E343072)	104	0.1µF, 275VAC, 110°C	cURus
			Guangdong Fengming Electronic Tech. Co. Ltd. (E345487)	104	0.1µF, 275VAC, 105°C	cURus
			Various	104	0.1µF, 275VAC, 105°C	cURus
21	51	Relay (RE1, RE2) (Risheng)	Zhejiang Meishuo Electric Technology Co. Ltd. (E313266)	MPA-S-112-A	10A 250V	cURus
			Shenzhen Golden Electrical Appliances Co. Ltd. (E321783)	GH-1A-12L	10A 250V	cURus
			Sanyou Corporation Limited (E190598)	SRD-S-112DM	10A 250V	cURus
21	52	Electrolytic Capacitor (EC1) (Risheng)	DongGuan ChuangHui Electronics Co., Ltd.	Various	22µF, 250V, 105°C	NR
			Guangdong Jurcc Electronics Co. Ltd.	Various	22µF, 250V, 105°C	NR
			Various	Various	22µF, 250V, 105°C	NR
22	53	Triac (T1) (Risheng)	Bright Horizon Technology Corp	97A8 SOT23-3L	0.8A, 600V	NR
			Jiejie Microelectronics Co., Ltd	97A8 SOT23-3L	0.8A, 600V	NR
			Various	Various	0.8A, 600V	NR
22	54	Diode (D1, D2, D6, D7)) (Risheng)	Shandong Jingdao Microelectronics Co., Ltd / Bright Horizon Technology (ZhongShan) Limited	A7	1A 1000V SOD123FL	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
			Bright Horizon Technology Corp. Product Catalog	A7	1A 1000V SOD123FL	NR
			Various	Various	1A 1000V SOD123FL	NR
28	55	Cam Link (not shown)	Super-Dragon Engineering Plastics Co Ltd.	PA66FG430	Nylon, min 0.75mm thick, V-0, rated 120°C	cURus
			Kingfa Sci & Tech Co Ltd.	PA66-RG301	Nylon, min 0.75mm thick, V-0, rated 115°C	cURus
28	56	Cord Storage Door (Not shown)	LG Chem Ltd.	AF365(&)	ABS, min 2.0mm thick, V-0, 5VA, rated 80°C	cURus
			Silver Age Engineering Plastics (Dongguan) Co Ltd.	3370	ABS, min 2.0mm thick, V-0, 5VA, rated 85°C	cURus
28	57	Filter Door	LG Chem Ltd.	AF365(&)	ABS, min 2.0mm thick, V-0, 5VA, rated 80°C	cURus
			Silver Age Engineering Plastics (Dongguan) Co Ltd.	3370	ABS, min 2.0mm thick, V-0, 5VA, rated 85°C	cURus
28	58	Filter Screen	Various	Various	Metal, min 1.0mm thick	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

INSULATED COIL						
Photo #	Item no.	Name	Manufacturer/Trademark		Type / model	
10, 16,21	32	Transformer - T1	Guang Dong GuoCi Electronics Limited		EE16-12V1A	
Electrical Rating:		Input: 120 V Output: 12V			Insulation class A	
Component Standard used: UL 5085-1, UL 5085-3						
MATERIALS LIST (refer to illustration 13 for assembly drawing)						
Component	Manufacturer	Type/model	Dimensions/thickness/assembly information			
Bobbin	CHANG CHUN PLASTICS CO.,LTD(HSINCHU FACTORY)	T375J	V-0, 150°C			
TRIPLE INSULATING WIRE	SHEN ZHEN DARUN SCIENCE AND TECHNOLOGY CO LTD	AND TECHNOLOGY CO LTD DRTIW-B	130°C			
Wire	DONGGUAN YIDA INDUSTRIAL CO.,LTD	QA-1/2UEW	130°C			
Varnish	ZHUHAI CHANGXIAN CHEMICAL TECHNOLOGY CO.,LTD	E962	130°C			
WINDING(S) RESISTANCE						
Winding Designation	Wire Size (mm ²)	Wire Type	Turns	Volts	Amps	DC resistance (Ω) +/- 10%:
Primary	0.17	2UEW	100	-	-	1.96
Secondary	0.4	DRTIW-B	14	-	-	0.066
VERIFICATION PROCESS						
Frequency: Annual	Test Site: CEC			Number of samples to test: 1		
Test Name	Test Parameters					
Winding resistance	See resistance per winding above.					
Dielectric Strength	Apply voltage Between			Test Voltage		Test Time
	Primary to core			1240V		60 sec
	Primary to secondary			1240V		60 sec
	Secondary to core			500V		60 sec

6.0 Critical Features
<u>Recognized Component</u> - 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.
<u>Listed Component</u> - 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.
<u>Unlisted Component</u> - 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.
<u>Critical Features/Components</u> - 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.
<u>Construction Details</u> - 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. <u>Spacing</u> - In primary circuits, 1.6mm minimum spacing are maintained through air and over surfaces of insulating material between current-carrying parts of opposite polarity and 1.6 mm minimum between such current-carrying parts and dead-metal parts or low voltage isolated circuits.
2. <u>Mechanical Assembly</u> - 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. <u>Corrosion Protection</u> - All ferrous metal parts are protected against corrosion by painting, plating or the equivalent.
4. <u>Accessibility of Live Parts</u> - All uninsulated live parts in primary circuitry are housed within a non-metallic enclosure constructed with no openings other than those specifically described in Sections 4 and 5.
5. <u>Grounding</u> - This product does not need to be provided with a means of grounding as it is rated for 120V indoor use only. Model CT32150 does not employ grounding. Model 832150 employs grounding. This is accomplished by using NEMA 5-15P type supply cord terminating on the motor frame located internally to the polymeric enclosure.
6. <u>Polarized Connection</u> - Model CT32150: 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. <u>Internal Wiring</u> - 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 16 AWG, with a minimum rating of 600V, 105°C.
8. <u>Schematics</u> - Refer to Illustration No(s). 1a - 6, 17 for schematics requiring verification during Field Representative Inspection Audits. [Verify Polarity]
9. <u>Markings</u> - The product is marked on a labeling system as described in item no. 15 of Section 4.0 as follows: Applicant's or brand name, model number, date of manufacturer, electrical ratings.

6.0 Critical Features

10. Cautionary Markings - The following are required:

Caution label must be visible from a point 5 feet (1.5 m) above the floor and between 1 and 4 feet away from the front surface of the heater. The marking shall be in letters not less than 1/8 inch (3.2 mm) in height and shall be of a permanent type and in a color that contrasts with that of the enclosure or background.

CAUTION: High temperature, keep electrical cords, drapery, and other furnishings at least 3 feet (0.9 m) from the front of the heater and away from the side and rear. WARNING - Risk of Hyperthermia

Temporarily affixed and readily visible on the heater (Heading 1/4in. minimum, Body Text 1/8 in. minimum):
Warning Signal not less than 0.5in and "WARNING - Risk of Heat Stroke (Hyperthermia) 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!"

RESET INSTRUCTIONS

If the unit shuts down:

- 1) Unplug unit, wait 5-10 minutes
- 2) Plug in and turn ON

Any Questions call 1-800-233-0268

Cord Tag markings, the cord tag must be located within 6 inches from the attachment plug:

WARNING - TO REDUCE THE RISK OF FIRE AND HYPERTHERMIA" and "DO NOT REMOVE THIS TAG!"

- 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 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.
 - 5) Do not run 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!

[Signal word: Bold, 3.56mm in height

Body text: 1.60mm in height

"Do not remove this tag": Bold, 2.03mm in height]

Refer to Illustration 16-16.2 for remote markings.

Heater carton information:

WARNING

Rated: 120 Volts AC, 12.5 AMPS, 60HZ

Use only with a standard polarized 120V AC outlet. (This line is Specific to the CT32150 only)

Use only with a standard grounded polarized 120V AC outlet. (This line is Specific to the 832150 only)

It is intended for use on the floor or table. Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip). 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. The product is not to be used in bathrooms, laundry areas or other similar locations.

6.0 Critical Features

11. Installation, Operating and Safety Instructions - Instructions for installation and use of this product are provided by the manufacturer (Document number CT32150: New 5/24, Illustrations 7,8,9,10,11,12).

For model 832150 See document 832150ES dated 4/26 (Reference section 6.0 Illustrations 18a-18f)

For model CT32170C, see document CT32170CEF dated New 5/26

12. Logo Dependent Marking - The required marking is dependent on the specific ETL logo applied to the product as authorized by the Authorization to Mark. In addition to the required marking of items 9 and 10 above, all products bearing the cETLus or cETL logo must also be marked in letters no less than 1.6 mm high with:

ATTENTION: Température élevée, conserver les cordons électriques, les tissus et autres fournitures à au moins 0,9 m (3 pieds) de l'avant de la chaufferette et à distance du côté et de l'arrière. AVERTISSEMENT: Risque d'hyperthermie

Temporarily affixed and readily visible on the heater (Heading 9.53mm minimum, Body Text 3.175. minimum):

Warning Signal not less than 12.7mm and "AVERTISSEMENT: Risque de coup de chaleur (Hyperthermie) L'hyperthermie peut entraîner la mort chez les nourrissons ou autres. Utiliser avec prudence pour éviter la surchauffe des personnes. Lire et respecter toutes les instructions avant utilisation. RETIRER AVANT UTILISATION!"

INSTRUCTIONS DE RESET

Si l'appareil se ferme:

1) Débrancher l'appareil, attendez 5-10 minutes

2) Brancher-le et remettez-le sur ON

Si vous avez des questions, appelez le

1-800-233-0268

6.0 Critical Features

"AVERTISSEMENT - POUR RÉDUIRE LE RISQUE D'INCENDIE ET D'HYPERTHERMIE: Toujours brancher les chauffeuses directement dans une prise de courant /

1. un réceptacle mural. Ne jamais utiliser avec un cordon d'extension ou avec une barre d'alimentation amovible (prise de courant / barre d'alimentation).
 2. Vérifiez le cordon d'alimentation de votre chauffeuse ainsi que les connexions de la fiche. Une connexion à une prise de courant dont l'ajustement est lâche peut causer la surchauffe de la fiche et/ou causer un incendie. Assurez-vous que la fiche s'ajuste solidement dans la prise de courant. Vérifiez fréquemment durant l'utilisation pour vous assurer que la fiche et la prise de courant ne sont pas chaudes. Si l'une ou l'autre est chaude, cessez d'utiliser la chauffeuse et faites remplacer la prise de courant par un électricien qualifié.
- Remarque : Les chauffeuses consomment plus de courant qu'un petit électroménager, la surchauffe de la prise peut survenir même si cela n'est pas survenu avec d'autres appareils.
3. Toujours débrancher la chauffeuse lorsqu'elle n'est pas utilisée.
 4. Ne pas opérer chauffeuse avec une fiche ou un cordon endommagé ou après une défaillance de la chauffeuse, après qu'elle ait fait une chute ou qu'elle ait été endommagée de quelque manière. Jeter la chauffeuse.
 5. Ne pas faire courir le cordon d'alimentation sous les tapis. Ne pas recouvrir le cordon d'alimentation avec des carpettes, des tapis d'escalier ou autres couvre planchers semblables. Ne pas faire courir le cordon d'alimentation sous des meubles ou des appareils. Placer le cordon d'alimentation éloigné de la région du trafic et là où on ne peut passer par-dessus.
 6. L'hyperthermie peut entraîner la mort. Utiliser avec prudence lors du fonctionnement de la chauffeuse afin d'éviter une surchauffe qui pourrait se produire à proximité d'enfants en bas âge, ou de personnes avec des capacités physiques, sensorielles ou mentales réduites.
- NE PAS ENLEVER CETTE ÉTIQUETTE !

AVERTISSEMENT

Spécifications nominales : 120 V c.a., 12,5 A, 60 Hz Utiliser uniquement avec une prise de courant polarisée standard à 120 V c.a. Elle est conçue pour usage au plancher ou sur une table. Toujours brancher les chauffeuses directement dans une prise de courant/un réceptacle mural. Ne jamais utiliser avec un cordon d'extension ou avec une barre d'alimentation amovible (prise multiple/barre d'alimentation). Cette chauffeuse est chaude lorsqu'elle est en service. Pour éviter des brûlures, ne pas laisser la peau nue entrer en contact avec des surfaces chaudes. Si comprises, utiliser les poignées lors du déplacement de cette chauffeuse. Garder tout matériau combustible, comme l'ameublement, coussins, literie, papier, vêtements et rideaux à au moins 0.9 mètre (3 pieds) de l'avant de la chauffeuse et éloignés des côtés et de l'arrière de la chauffeuse. Le produit ne doit pas être utilisé dans les salles de bain, salles de lavage ou autres emplacements similaires.

13. Production Control - Separate production lines for different models. There will be a quality check before production and before shipment to make sure the product complies with the listing report. The Quality checks will be performed for correspondence between Rating label logo and the specific differences, according to Illustration 1.

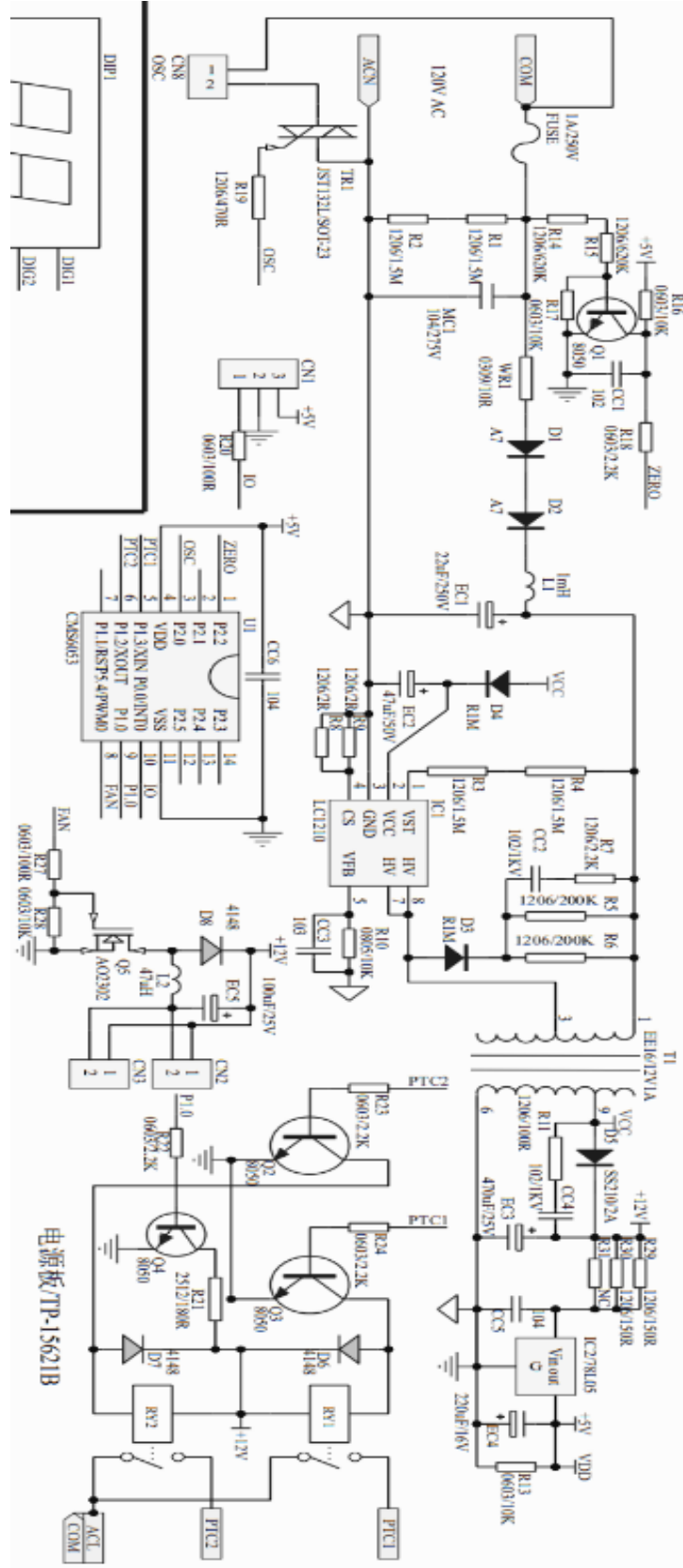
7.0 Illustrations

Illustration 1 - Table of version differences per model number

Section	Item	Specific Difference	Logo Restriction
2	Rating	120V, 60Hz, 1500W	ETLus only
2	Rating	120V, 60Hz, 1500W @ 25C; 120V, 60Hz, 1500W @ 0C	none
4	2	5000(f1) rated V-0	ETLus only
4	2	433+ rated V-0	ETLus only
4	2	5005(+) rated 5VA	none
4	2	430H rated 5VA	none
4	3	GN-1006FM rated V-0	ETLus only
4	3	230 rated V-0	ETLus only
4	3	2340 rated 5VA	none
4	4	PBT-RG301(r1) rated V-0	ETLus only
4	4	3080GF30 rated V-0	ETLus only
4	4	PBT-RG301(r1) rated 5VA	none
4	5	PBT-RG301(r1) rated V-0	ETLus only
4	5	3080GF30 rated V-0	ETLus only
4	5	PBT-RG301(r1) rated 5VA	none
4	6	5000(f1) rated V-0	ETLus only
4	6	433+ rated V-0	ETLus only
4	6	5005(+) rated 5VA	none
4	6	430H rated 5VA	none
4	7	AF312B rated V-0	ETLus only
4	7	VH-0815(+) rated V-0	ETLus only
4	7	3370 rated 5VA	none
4	7	AF365(&) rated 5VA	none
4	8	GN-1006FM rated V-0	ETLus only
4	8	230 rated V-0	ETLus only
4	8	2340 rated 5VA	none
4	9	AF312B rated V-0	ETLus only
4	9	VH-0815(+) rated V-0	ETLus only
4	9	3370 rated 5VA	none
4	9	AF365(&) rated 5VA	none
4	10	AF312B rated V-0	ETLus only
4	10	VH-0815(+) rated V-0	ETLus only
4	10	3370 rated 5VA	none
4	10	AF365(&) rated 5VA	none
4	11	PA66FG430 rated V-0 at 0.75mm	ETLus only
4	11	PA66-RG301 rated V-0	ETLus only
4	11	PA66FG430 rated 5VA at 1.5mm	none
4	12	AF312B rated V-0	ETLus only
4	12	VH-0815(+) rated V-0	ETLus only
4	12	3370 rated 5VA	none
4	12	AF365(&) rated 5VA	none
6	11	Instructions provided in English only	ETLus only
6	11	Instructions provided in English and French	none

7.0 Illustrations

Illustration 1a - Topapex PCB 2034062 Schematic



7.0 Illustrations

Illustration 2 - Topapex PCB 2034063 Schematic

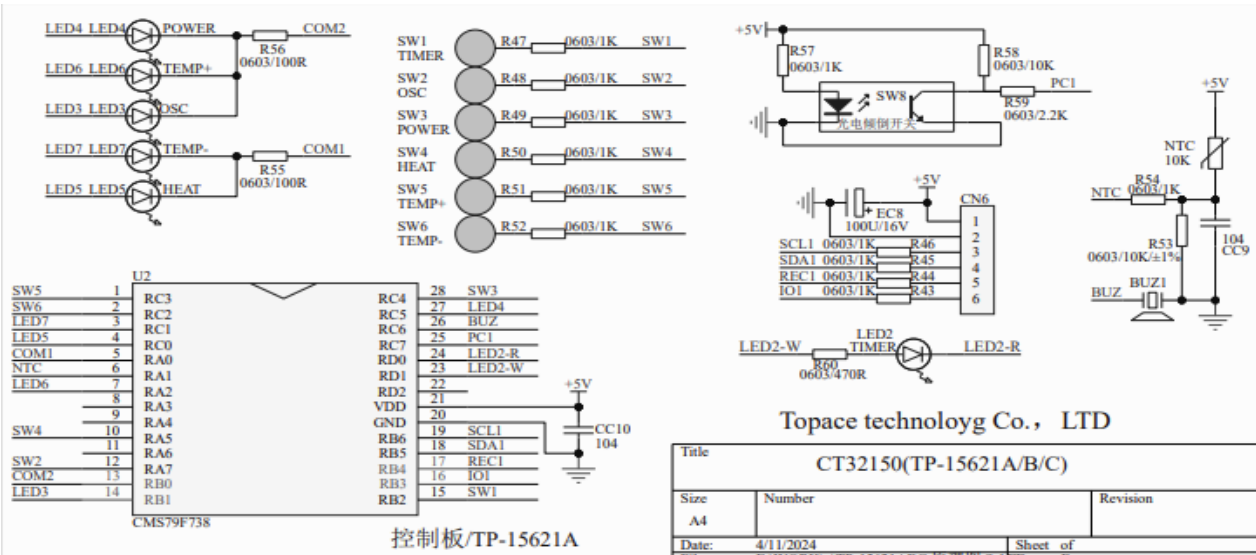
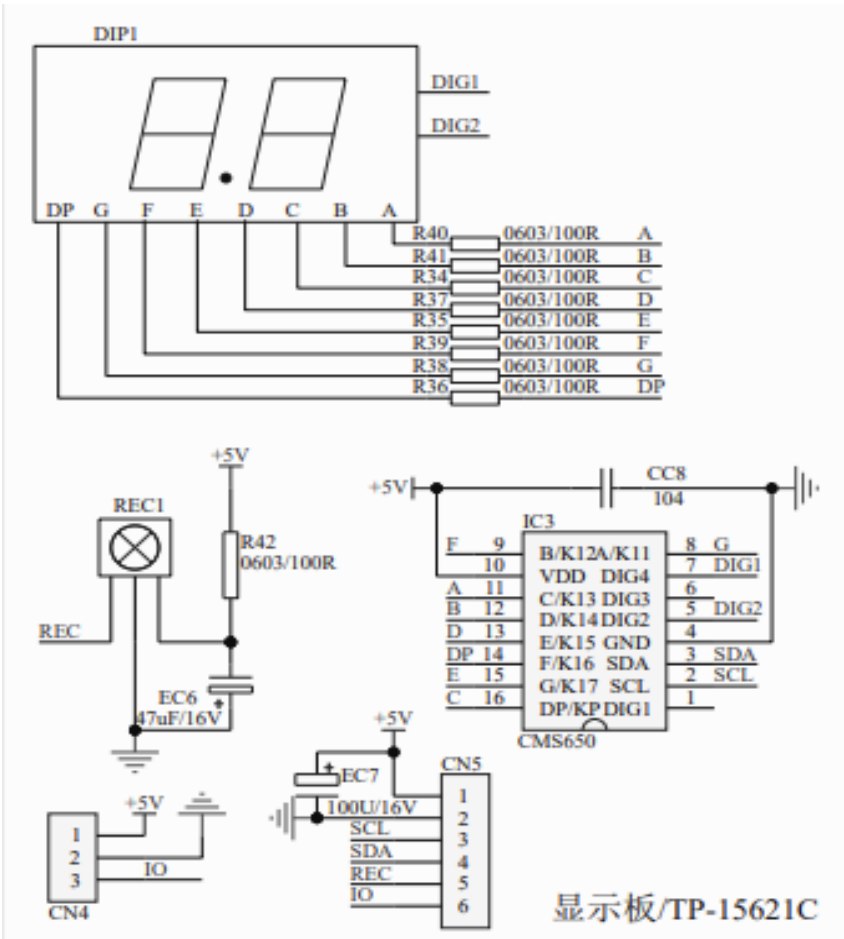


Illustration 3 - Topapex PCB 2034064 Schematic



7.0 Illustrations

Illustration 4 - Sounds PCB 2034062 Schematic

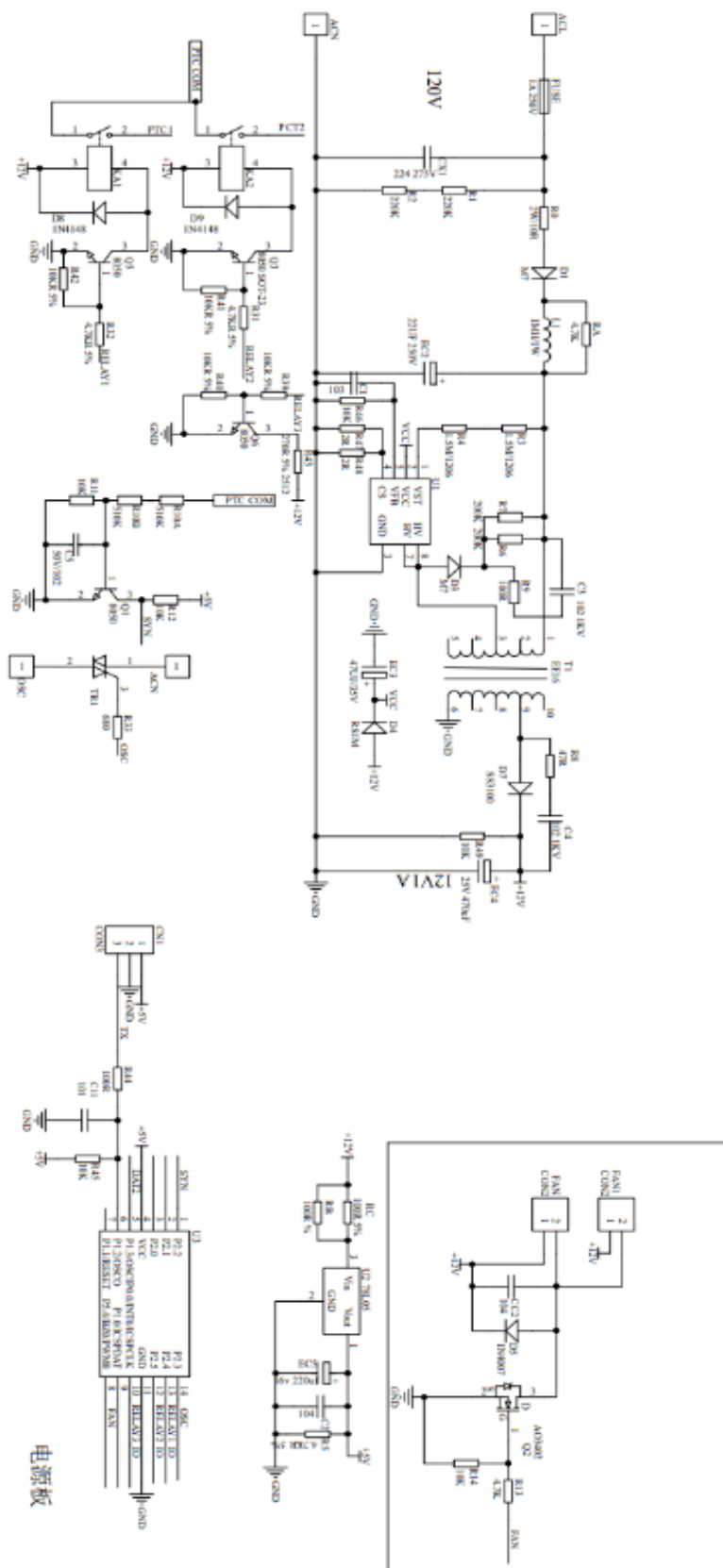
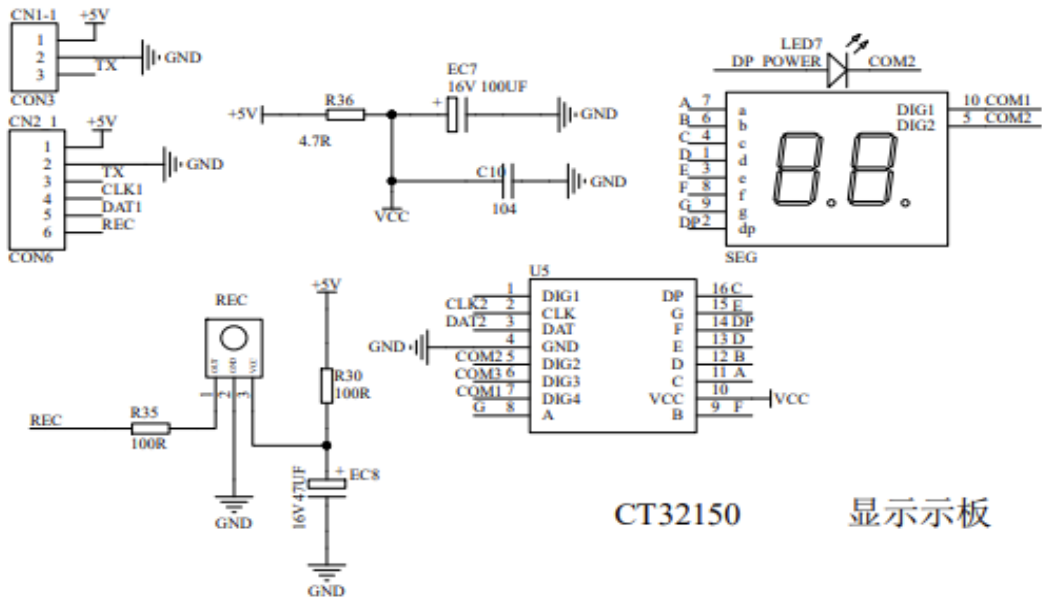


Illustration 5 - Sounds PCB 2034063 Schematic



7.0 Illustrations

Illustration 6 - Sounds PCB 2034064 Schematic



7.0 Illustrations

Illustration 7 - Instruction manual CT32150: New 5/24

Δ ADVERTENCIA

PARA REDUCIR EL RIESGO DE INCENDIOS, DESCARGAS ELÉCTRICAS SIEMPRE SÍGUE LAS SIGUIENTES INSTRUCCIONES Y ADVERTENCIAS:

WANT TO MEET TO

- [illegible]

CONSEJOS PARA LA SOLUCION DE PROBLEMAS

- [illegible]

CAPACITADORA DE SEGURIDAD

- 1) In the first of 10 graphs, *Proteinase* is used to remove the protein of the substrate. The rate of substrate use can be measured by the amount of protein released.
- 2) Each graph shows, on an arbitrary scale, the amount of substrate removed by the enzyme. The amount of substrate removed is proportional to the amount of protein released.
- 3) The amount of substrate removed is proportional to the amount of protein released.
- 4) The amount of substrate removed is proportional to the amount of protein released.
- 5) The amount of substrate removed is proportional to the amount of protein released.
- 6) The amount of substrate removed is proportional to the amount of protein released.
- 7) The amount of substrate removed is proportional to the amount of protein released.
- 8) The amount of substrate removed is proportional to the amount of protein released.
- 9) The amount of substrate removed is proportional to the amount of protein released.
- 10) The amount of substrate removed is proportional to the amount of protein released.

LASKO PRODUCTS, LLC. GARANTIA LIMITADA (VALIDA SOLO EN LOS ESTADOS UNIDOS Y CANADA)

Alcance de la garantía: Este producto tiene garantía por defectos de fabricación o de materiales.

Duración de la garantía: Esta garantía se aplica solo al comprador original del producto y tiene una duración de tres (3) años desde la fecha de compra original o hasta que el comprador original venda o transfiera el producto, lo que ocurra primero.

Academici de Llatí: normal el problema de quantitat. Llatins separats o agrupats, no tenen distincions, caldrà per tant que els llatins detectin els 900 o 1.000 mots per un problema qualitatiu de caracterització d'afinitats. Pasa 2008 els orients de gramàtica, el problema deu ser de desvolupar el concepte de Llatí, amb les seues capacitats per al diàleg amb les llengües seces, i després el paper de la gramàtica. Començarem com a llengües d'usuari de la llengües, i després de la llengües. Llatí per a delimitar una estructura de desenvolupament. No després produïda en certa activitat de parlar que no se produïa a l'original, és a dir a 300000.

Exercícios de gramática: Leia parágrafos no texto e se possível atribua de trás a frente de um acórdão, introdução e conclusões, fatos, pedidos, razões de fato e de direito, e conclusões. Depois, leia o texto e atribua a cada parte o seu conteúdo. Este exercício é muito bom para a compreensão do texto e para a identificação das partes do texto. Este exercício é muito bom para a compreensão do texto e para a identificação das partes do texto.

Todas y cada una de las ganancias, expensas o pérdidas (eduentes), cualquier ganancia neta de comercialización, debe en una declaración de impuestos ser deducible de la renta de compra original o bien que el comprador origine vendiendo o transfiera al producto. En ningún caso, Lasso podrá asegurarse bajo ninguna garantía expresa o implícita de la compra o reventa de cualquier cosa o fin si su adquisición o reposición de cualquier título, documento o registro de la obra. Sin perjuicio de cualquier disposición contraria, la

importaciones de La Rioja registra grandes excedentes o pérdidas, afectadas al precio de compra del producto. Cualquier desequilibrio derivado del vector del tipo de cambio se amortiza.

Algunos sectores y ciudades no permiten tener la dimensión de una granja improductiva, ni recibir o atraer los caudales académicos o comerciales, por lo que estos sectores o localidades no se desarrollan. Esta granja le obliga a unido con los demás. También puede verse cómo el comercio de que va en un círculo o círculo o otro.

SERVICIO AL CLIENTE

For more information, call 800-368-2262 or visit www.bpsa.com.

[illegible]

Dipartimento di Scienze di Base e Cliniche, Università di Bari, Bari, Italy

8720 Lincoln Ave., Wood Chapter, PA 15086 (Pittsburgh) production & sales director

New DS-24

152

CT82150E8

TERMOSTATO AUTO ECO
 Al premerlo, la batteria (+) o (-) ridurrà automaticamente la temperatura di 1°C.

1. Para pasar a la temperatura atmosférica en la instalación, reanudar la configuración de energía ALTA o BAJA, se encenderá la turbina "Auto Eco".

- [illegible]



USED FOR PRODUCT
C732150



Lasko

Ceramic Tower Heater
with Remote Control
Instruction Manual

Register Your Product Today
You will benefit from:

- Efficient and enhanced support
- Future product upgrades

Have a Question? Need a Part?

Chut with a 1 week license from Monday Friday 8am - 4pm 1955
 (valid in U.S. and Canada only)

READ AND SAVE THESE INSTRUCTIONS

This disclaimer is not intended to be used for promotional, editorial or advertising ends.

New 05/24

—

0182150E8

7.0 Illustrations

Illustration 8 - Instruction manual CT32150: New 5/24

READ ALL INSTRUCTIONS BEFORE USING THIS HEATER.

⚠ WARNING

IMPORTANT SAFETY INSTRUCTIONS

When using electrical appliances, these instructions and warnings should always be followed to reduce the risk of fire, electrical shock, injury to persons and hypothermia.

TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK OR PERSONAL INJURY, ALWAYS FOLLOW THESE IMPORTANT SAFETY INSTRUCTIONS AND WARNINGS:

- [illegible]

⚠ CAUTION

Always unplug heater when not in use. Unplug power cord before working or cleaning the heater.

- [illegible]

SAVE THESE INSTRUCTIONS

Nov 05/24

51

CT32-150ES

Almacenamiento por control remoto



El conector remoto está en un gancho de la parte trasera del calentador. Para quitar el conector remoto, deslicelo hacia arriba y luego tire para quitarlo de la parte trasera de la unidad.

Alfresco o ganchito de la parte trasera del colector con la ranura del control remoto para colocarlo de nuevo en su lugar. Deslice hacia abajo para trabajar.

ADVERTENCIA

- **NO DEJES las pilas nuevas o usadas AL ALCANCE de los NIÑOS**
- **Acuda al médico de inmediato** si cree que alguien pudo haberse tragado una pila.
- **Si se tragó una pila de botón, estáis en peligro de muerte.**
- **Si se tragó una pila de botón, estáis en peligro de lesiones graves.**
- **Si se tragó una pila de botón, estáis en peligro de quemaduras químicas internas en apenas 2 horas.**



- Extraiga y recicle tire de inmediato las pilas usadas en las disposiciones locales, y no las deje al alcance de los niños. NO tire las pilas en el cesto de basura de su hogar. Tampoco las incinere.
- Las pilas usadas también pueden provocar lesiones graves a la muerte.
- Comuníquese con el centro de toxicología local para obtener información sobre el tratamiento.
- Utilice una pila CR2025 de 3V.
- Las pilas no recargables no se deben recargar.
- No fuerce a descarga de las pilas, ni las recargue, desarme, caliente sobre la temperatura normal establecida por el fabricante o intente. Si lo hace, podría sufrir lesiones por abrasión, fugas o explosiones que generen quemaduras químicas.
- Verifique que las pilas estén en estado de forma correcta según su polaridad (+ y -).
- No mezcle pilas nuevas con usadas ni diferentes marcas o tipos de pilas, como alcalinas, carbono-zinc o recargables.
- Extraiga y recicle o tire de inmediato las pilas de equipos que no se hayan usado durante mucho tiempo, según las disposiciones locales.
- Siempre trace conscientemente el cumplimiento de pilas. Si el cumplimiento no fuera bien, no use más el producto, quite las pilas y no las deje al alcance de los niños.

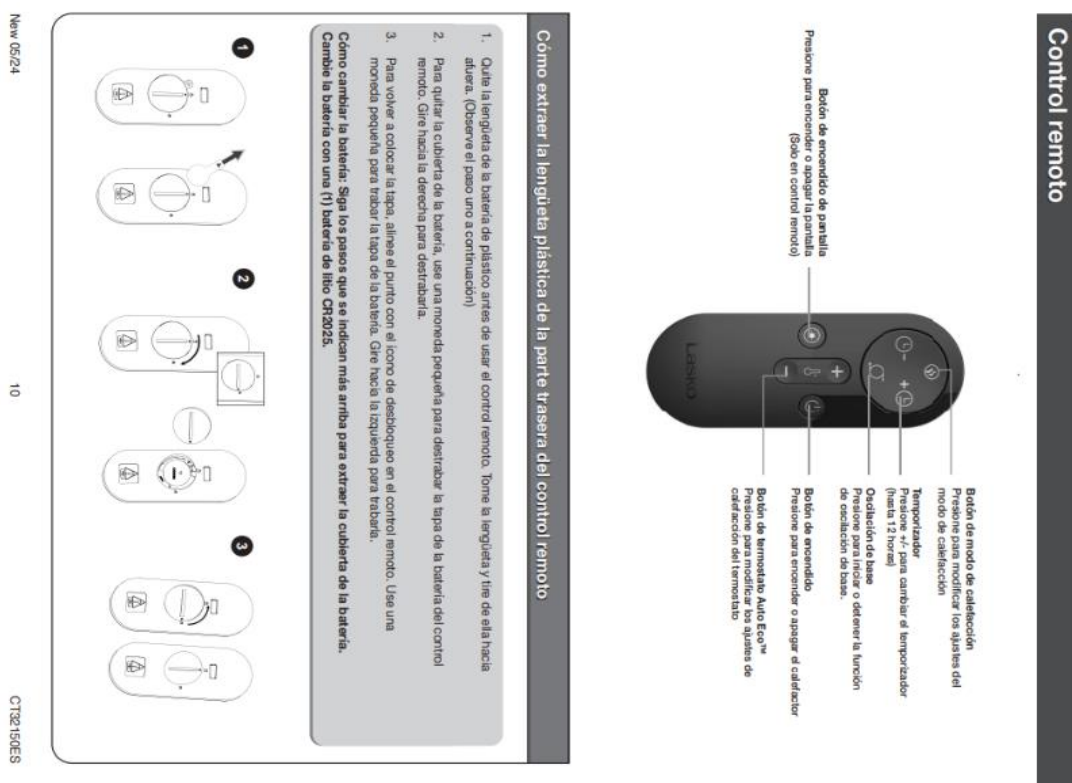
New 05/12/0

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CT3210EE6

7.0 Illustrations

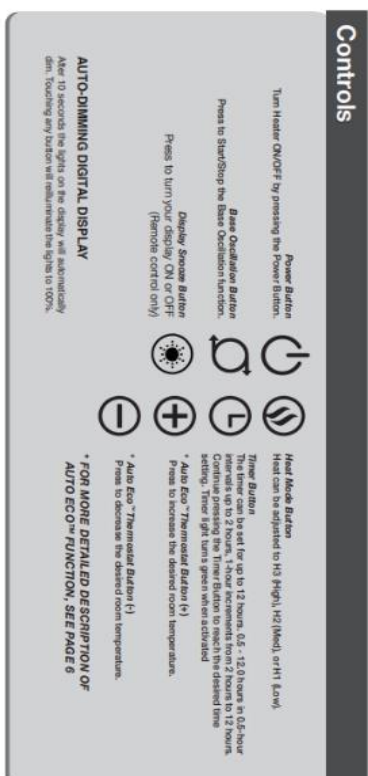
Illustration 9 - Instruction manual CT32150: New 5/24



Assembly

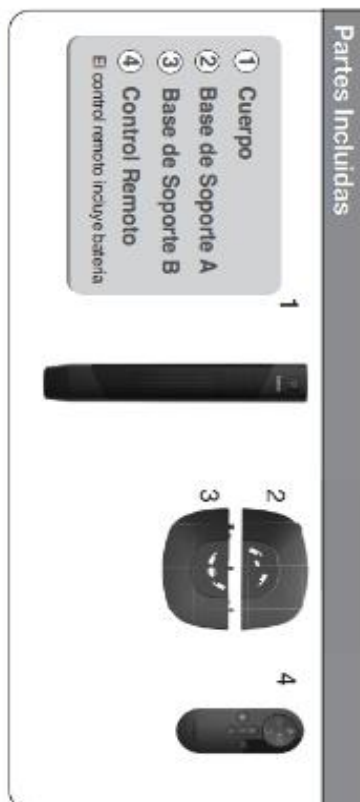
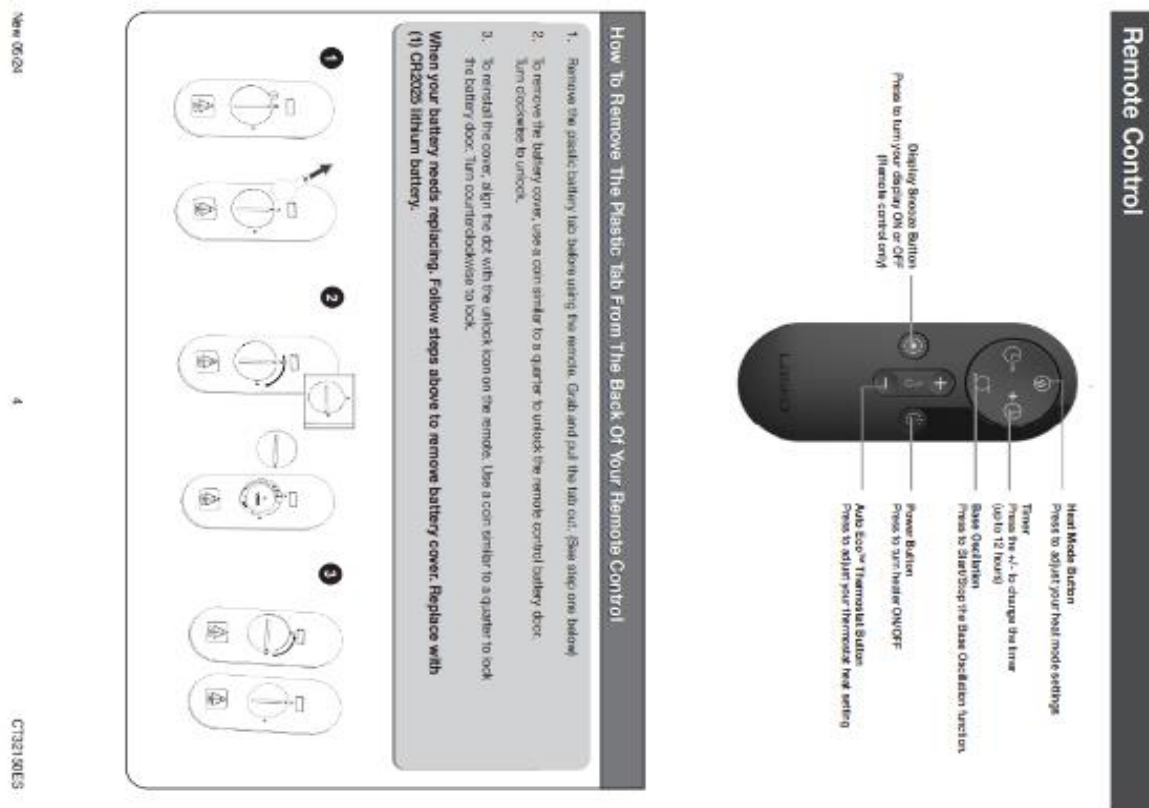


Controls



7.0 Illustrations

Illustration 10 - Instruction manual CT32150: New 5/24



Ensamblaje



Controls



7.0 Illustrations

Illustration 11 - Instruction manual CT32150: New 5/24

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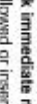
Remote Control Storage

Remote control is held on by one hook located on the back of the heater. To remove the remote control, slide the remote up then pull out to remove from the back of the unit.

To place the remote control back on the heater, line up the hook on the back of the heater with the slot on the remote control. Slide down to lock in place.

⚠ WARNING

- **INGESTION HAZARD.** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP new and used batteries OUT OF REACH OF CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



- Remove all immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- Uses 1 - 3V CR2025 battery.
- Non-rechargeable batteries are not to be recharged.
- Do not force disassemble, re-assemble, heat above manufacturer's specified temperature (rating) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
- Evaluate the batteries are installed correctly according to polarity (+ and -).
- Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
- Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

7.0 Illustrations

Illustration 13 - Transformer EE16-12V1A

产品名称 DESCRIPTION	高频变压器 High Frequency Transformer	国磁编号 GC DWG. NO	GC-E160620	客户 CUSTOMER	GC478
物料编号 CUSTOMER SPART NO	ABYQ0046				

一. 外观尺寸 physical dimension :

Physical dimensions of the transformer showing top, side, and front views with measurements like 18MAX, 19.5MAX, 3.2±0.3, 15.5±0.5, 10, 6, 0.7±0.1, 4±0.5, 1, 3, 5, 9, 6.

二. 原理图 schematic diagram :

Schematic diagram of the transformer showing primary winding N1 (1-3) and secondary winding N2 (9-6) with phase and tefflon tube labels.

三. 绕组参数 WINGDING:

绕组 NO.	起点 START	终点 FINISH	线材要求 WIRE	圈数 TURNS	绝缘胶带 INSULATION TAPE	绕线方式 REMARK
N1	3	1	2UEW Φ 0. 17mm	100	3T	密绕 CLOSE
N2	9	6	DRTIW-B Φ 0. 40mm	14	3T	密绕 CLOSE

四. 电性能参数 ELECTRICAL SPECIFICATION

1. 测试条件 INDUCTANCE TEST: 湿度 humidity=65±20% 温度 temperature=25±5℃

测试频率 AT f=1KHz; 电压为 V=0. 3V.

2. 电感量 INDUCTANCE: L(1-3)=1. 6mH±10%

3. 漏感 LEAKAGE INDUCTANCE: LK(1-3)=60uH MAX (SHORT OTHER PIN) f=10KHz V=0. 3V.

4. 直流电阻 DCR: 1-3:1. 96Ω±30% 9-6:66mΩ±30% (AT28℃)

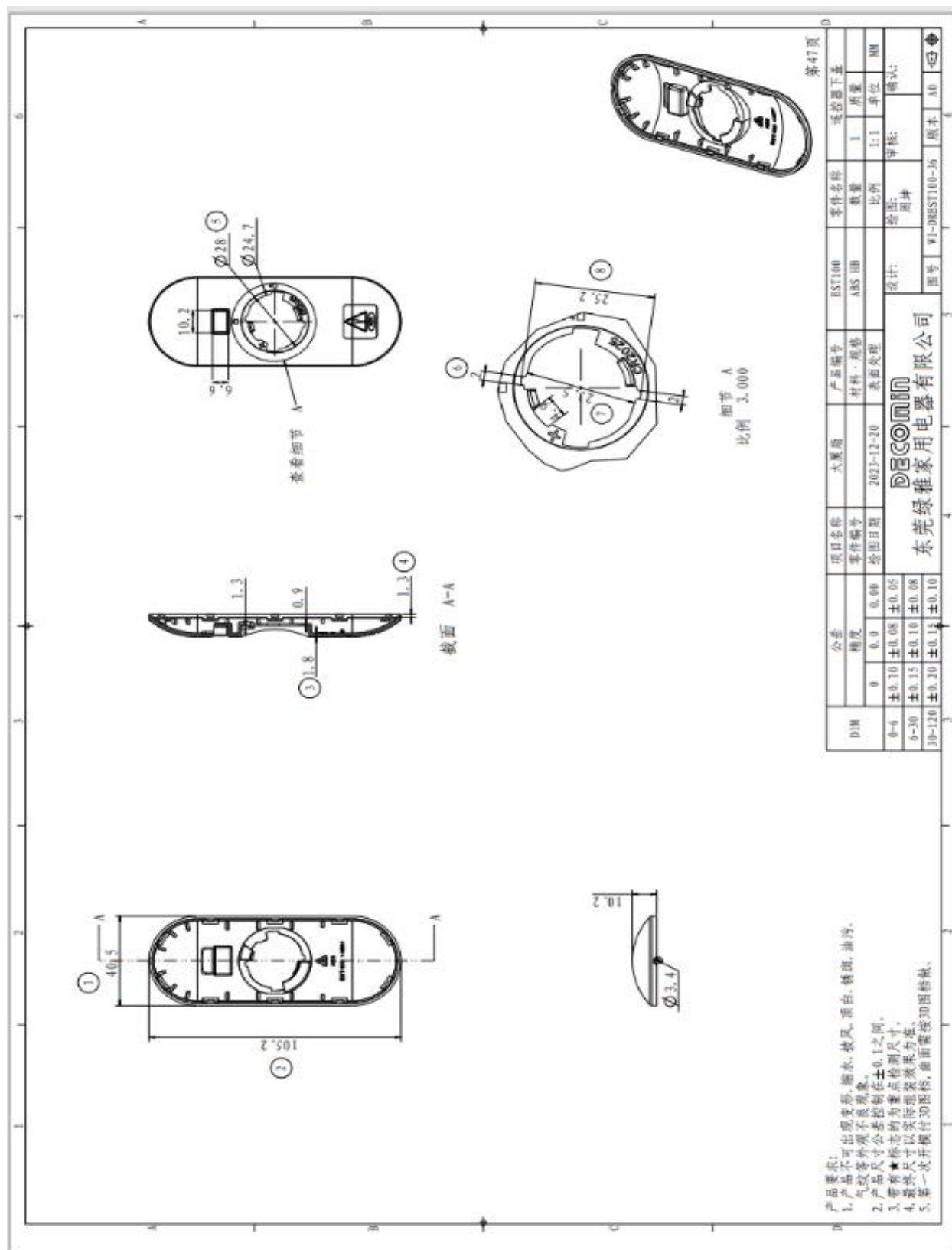
5. 耐压测试 HI-POT TEST: N1-N2: AC3600V 5mA 3S N1/N2-CORE: AC1000V 5mA 3S

6. 标签 LABEL: EE16-12V1A

五. 材料明细表 MATERIALS LIST

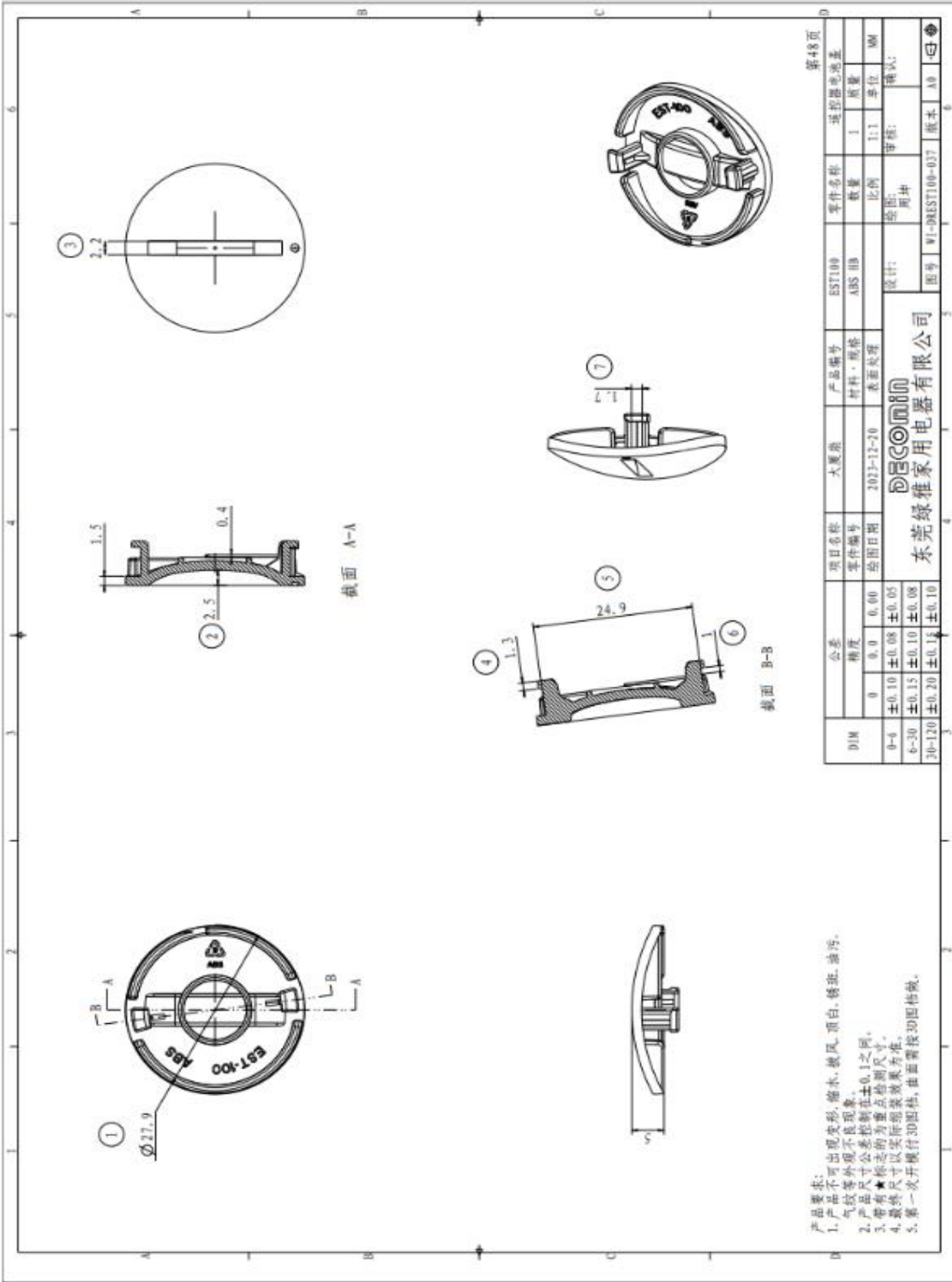
序号	材料名称 MATERIALS	型号及要求 model	执行标准 UL NO.	制造厂商 MANUFACTURE
1	骨架 BOBBIN	T375J (G5) (G6)	E59481	长春人造树脂厂股份有限公司新竹厂 CHANG CHUN PLASTICS CO.,LTD (HSINCHU FACTORY)
2	三层绝缘线 TRIPLE INSULATING WIRE	DRTIW-B	E335841	深圳大润科技有限公司 SHEN ZHEN DARUN SCIENCE AND TECHNOLOGY CO LTD
3	漆包线 WIRE	QA-1/2UEW	E344055	东莞市益达实业有限公司 DONGGUAN YIDA INDUSTRIAL CO.,LTD
4	磁芯 CORE	ZP40	/	海宁市众鑫电子有限公司 HAINING ZHONGXIN ELECTRONICS CO.,LTD
5	套管 TUBE	TFL	E328315	中顶电子工业(惠州)有限公司 FLUO TECH INDUSTRIAL (HUIZHOU) CO.,LTD
6	绝缘胶带 TAPE	MT803	E328315	深圳市鑫华辉胶粘科技有限公司 SHEN ZHEN XINHUAHUI ADHESIVE TECHNOLOGY CO.,LTD
7	锡条 TIN BAR	Sn99. 7Cu0. 3	/	东莞市千岛金属锡品有限公司 DONGGUAN THOUSAND IS LAND METAL FOIL CO LTD
8	凡立水 varnish	E962	E335405	珠海长先新材料科技股份有限公司 ZHUHAI CHANGXIAN CHEMICAL TECHNOLOGY CO.,LTD

Illustration 14 - Remote



7.0 Illustrations

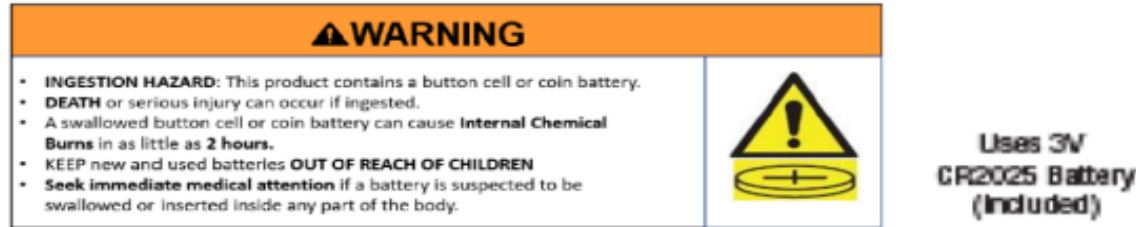
Illustration 15 - Remote Battery Cover



7.0 Illustrations

Illustration 16 - Packaging for Coin Cell Model and Voltage Information (box product comes in)

The principal display panel shall contain the warning label below. The icon shall be at least 7mm in width and



- colors as shown above for warning label

Illustration 16.1 - Text Size Guidelines for Principle Display Panel Area

Letter Size for Warning Labels

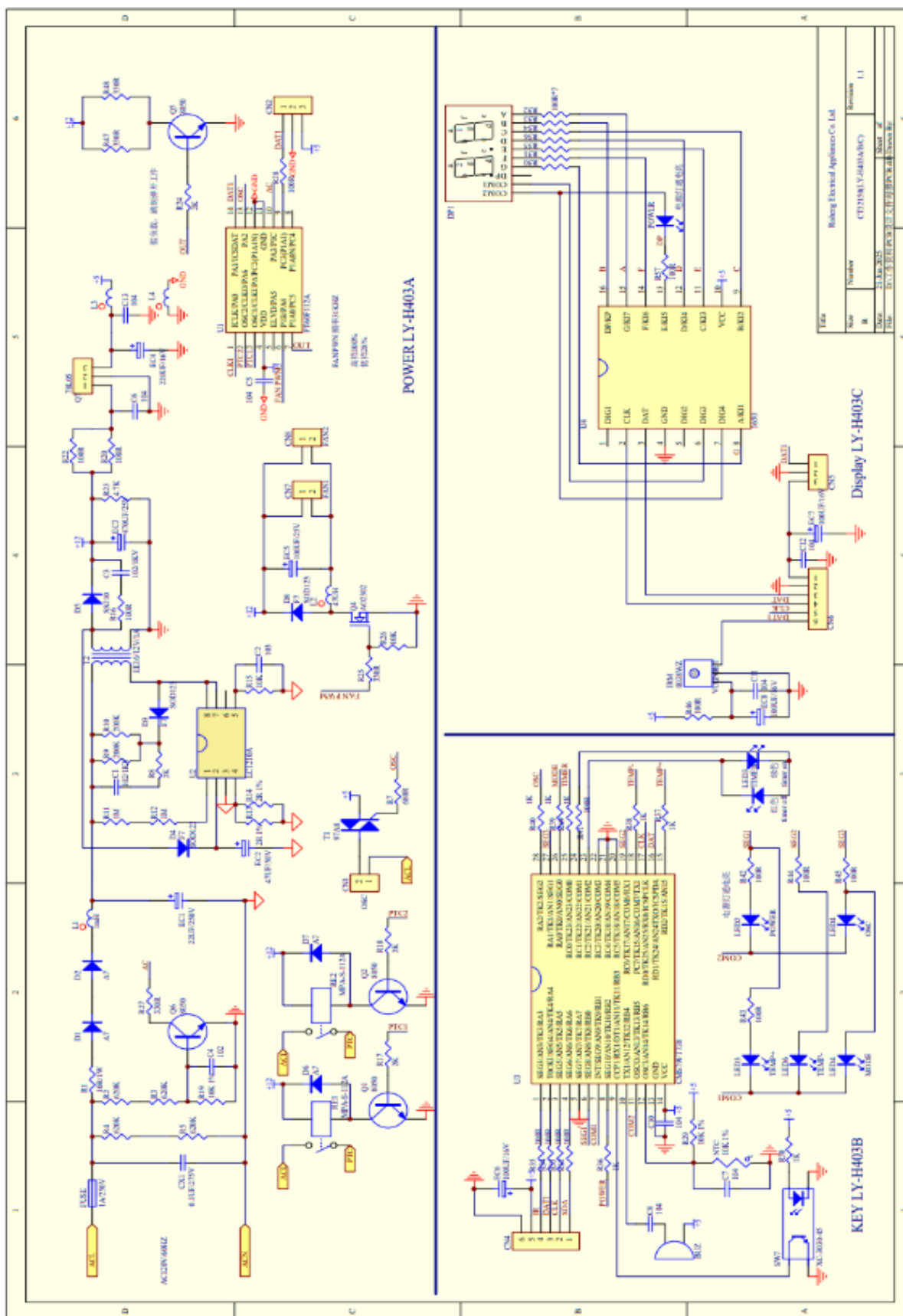
Letter Size Measurements in Inches								
Display Area: Inches ²	0 – 2	+2 – 5	+5 – 10	+10 – 15	+15 – 30	+30 – 100	+100 – 400	+400
Signal word (WARNING)	3/64	1/16	3/32	7/64	1/8	5/32	1/4	1/2
Statement of Hazard	3/64	3/64	1/16	3/32	3/32	7/64	5/32	1/4
Other Text	1/32	3/64	1/16	1/16	5/64	3/32	7/64	5/32
Letter Size Measurements in cm (For Reference Only)								
Display Area: cm ²	0-13	+13 – 32	+32 – 65	+65 – 97	+97 – 194	+194 – 645	+645 – 2,581	+2,581
Signal word (WARNING)	0.119	0.159	0.238	0.278	0.318	0.397	0.635	1.27
Statement of Hazard	0.119	0.119	0.159	0.238	0.238	0.278	0.397	0.635
Other Text	0.079	0.119	0.159	0.159	0.198	0.238	0.278	0.397

Illustration 16.2 - Remote Marking (Section 4.0, Item 36)



7.0 Illustrations

Illustration 17 - Risheng PCB Schmetics: Top: 2034062, Bottom Left: 2034063, Bottom Right: 2034064



7.0 Illustrations

Illustration 18a - Operation instructions for the 832150 (Page 1 of 6)

Air King

Ceramic Tower Heater with Remote Control Instruction Manual

Used for Model:
832150



Register Your Product Today
You will benefit from:
• Efficient and enhanced support
• Future product updates

Have a Question? Need a Part?

Please Do Not Return Product to Store!
Chat with us at www.lasko.com Monday-Friday 8am - 9pm EST
(Valid in U.S. and Canada only)

READ AND SAVE THESE INSTRUCTIONS

Read carefully before attempting to assemble, install, operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage!
This heater is for residential use only. It is not intended to be used in commercial, industrial or agricultural settings.

7.0 Illustrations

Illustration 18b - Operation instructions for the 832150 (Page 2 of 6)



Read all instructions before using this Heater. Save these instructions

WARNING

IMPORTANT SAFETY INSTRUCTIONS

When using electrical appliances, these instructions and warnings should always be followed to reduce the risk of fire, electrical shock, injury to persons and hyperthermia:

TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK OR PERSONAL INJURY, ALWAYS FOLLOW THESE IMPORTANT SAFETY INSTRUCTIONS AND WARNINGS:

-  Plug heaters directly into a 120v wall outlet/receptacle only. Never use with an extension cord. Do not plug heater into any other cord connected device, such as a power strip, surge protector, multiple outlet adapter, cord reel or outlet-type air freshener. The use of such devices may create a fire hazard. Do not plug multiple devices in the same outlet or on same circuit as heater.
 -  Faulty wall outlet connections may cause the wall outlet to overheat. Be sure that heater plug fits tightly into outlet before each use. During use, check to make certain the heater plug is not overheating. If necessary have a qualified electrician check and/or replace the wall outlet. Do not use this heater with any solid state speed control devices.
 -  Make certain that the power source conforms to the electrical requirements of the heater.
 -  Extreme caution is necessary when any heater is used by or near children or invalids. The heater should not be left operating unattended. Never leave children unattended when the heater is on or plugged in.
 -  The power cord is equipped with a three-prong grounded plug that must be inserted into a matching receptacle. Under no circumstances must the grounding prong be cut off the plug. Where a two-prong wall receptacle is encountered, it must be replaced with a properly grounded three-prong receptacle installed in accordance with the National Electrical Code (NEC) and all applicable local codes and ordinances. This work must be done only by a qualified electrician, using copper wire only.
 -  Do not use the heater in areas where gasoline, paint, or flammable liquids are used or stored. Do not use heater in locations where flammable or explosive chemicals are stored, or in wet atmospheres.
 -  Do not operate any heater with a damaged cord or plug or after the heater malfunctions, or has been dropped or damaged in any manner. To disconnect heater, turn the heater off then remove the plug from the outlet.
 -  Always unplug heater when not in use. Unplug power cord before servicing or moving the heater.
 -  Do not insert or allow fingers or foreign objects to enter any ventilation or exhaust opening as it may cause an electric shock, fire, or damage the heater. Do not block or tamper with the heater in any manner while it is in operation.
 -  Do not block air intakes or exhaust in any manner. Do not place on soft surfaces, like a bed, where openings may become blocked. Do not depend on the on/off switch as the sole means of disconnecting power when servicing or moving the heater. Always unplug the power cord.
 -  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.

CAUTION

- Always unplug heater when not in use. Unplug power cord before servicing or moving the heater.
- Do not insert or allow fingers or foreign objects to enter any ventilation or exhaust opening as it may cause an electric shock, fire, or damage the heater. Do not block or tamper with the heater in any manner while it is in operation.
- Do not block air intakes or exhaust in any manner. Do not place on soft surfaces, like a bed, where openings may become blocked. Do not depend on the on/off switch as the sole means of disconnecting power when servicing or moving the heater. Always unplug the power cord.
- Always place the heater on a stable, flat, level surface when operating, to avoid the chance of the heater overturning. Locate the power cord so the heater or other objects are not resting on it. Do not run power cord under carpeting. Do not cover power cord with throw rugs, runners, or similar coverings as this may cause cord to overheat. Arrange power cord away from room traffic and where it will not be tripped over.
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Always use handle when moving this heater. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes and curtains at least 3 feet (0.9 M) from the front of the heater and keep them at least 1 foot (0.3 M) from the sides and rear.
- This heater is not intended for use in wet or damp locations. This heater is not intended for use in bathrooms, laundry areas and similar indoor locations. Never locate a heater where it may fall into a bathtub or other water container.
- Do not use heater outdoors.
- This heater is not suitable for use in agricultural facilities including areas where livestock, poultry or other animals are confined. Please refer to national electric code (nec) article 547-7 (2008), or applicable state or local codes or standards relating to electrical requirements for agricultural buildings. This heater does not meet the requirements of nec article 547-7 (2008).
- This heater is not suitable for use in hazardous locations. Please refer to national electric code (nec) article 500 or applicable state or local codes or standards relating to electrical requirements for hazardous locations. This heater does not meet the requirements of nec article 500 (2008).
- Remote controls for other appliances or electronic equipment can sometimes interfere with the operation of this heater. If this occurs, move the heater to another location.
- Keep heater remote control unit away from chairs and your bed where it may be sat or laid upon and inadvertently turn on the heater.

SAVE THESE INSTRUCTIONS

7.0 Illustrations

Illustration 18c - Operation instructions for the 832150 (Page 3 of 6)

Remote Control Storage



Remote control is held on by one hook located on the back of the heater. To remove the remote control, slide the remote up then pull off to remove from the back of the unit.



To place the remote control back on the heater, line up the hook on the back of the heater with the slot on the remote control. Slide down to lock in place.

⚠ WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH** of **CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.



- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Call a local poison control center for treatment information.
- Uses 1 - 3V CR2025 battery.
- Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.
- Ensure the batteries are installed correctly according to polarity (+ and -).
- Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.
- Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.
- Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

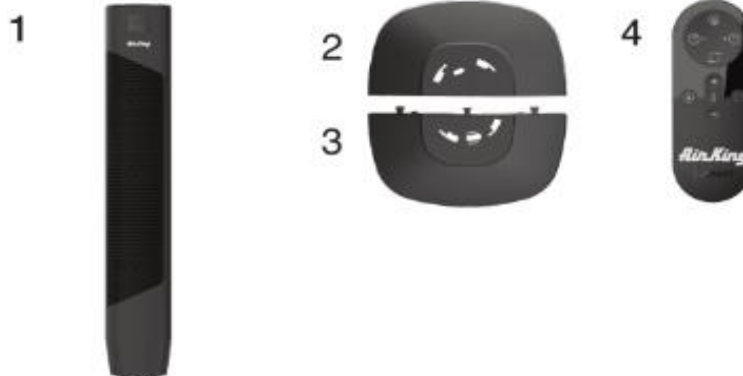
7.0 Illustrations

Illustration 18d - Operation instructions for the 832150 (Page 4 of 6)

Parts Included

- ① Body
- ② Support Base A
- ③ Support Base B
- ④ Remote Control

Battery included in remote



Assembly

Base A



Base B

1. Align the slots on **Base A** with tabs on **Base B**. Snap Together.



2. Lay the unit on a sturdy table for easier base assembly. Push assembled **Base** onto **Body** of unit as shown.



3. Hold the **Body** in place while turning the **Support Base Assembly** clock-wise until it locks in place.

Controls

Power Button
Turn Heater ON/OFF by pressing the Power Button.



Heat Mode Button
Heat can be adjusted to H3 (High), H2 (Med), or H1 (Low).

Base Oscillation Button
Press to Start/Stop the Base Oscillation function.



Timer Button
The timer can be set for up to 12 hours. 0.5 - 12.0 hours in 0.5-hour intervals up to 2 hours, 1-hour increments from 2 hours to 12 hours. Continue pressing the Timer Button to reach the desired time setting. Timer light turns green when activated

Display Snooze Button
Press to turn your display ON or OFF (Remote control only)



* **Auto Eco™ Thermostat Button (+)**
Press to increase the desired room temperature.



* **Auto Eco™ Thermostat Button (-)**
Press to decrease the desired room temperature.

AUTO-DIMMING DIGITAL DISPLAY

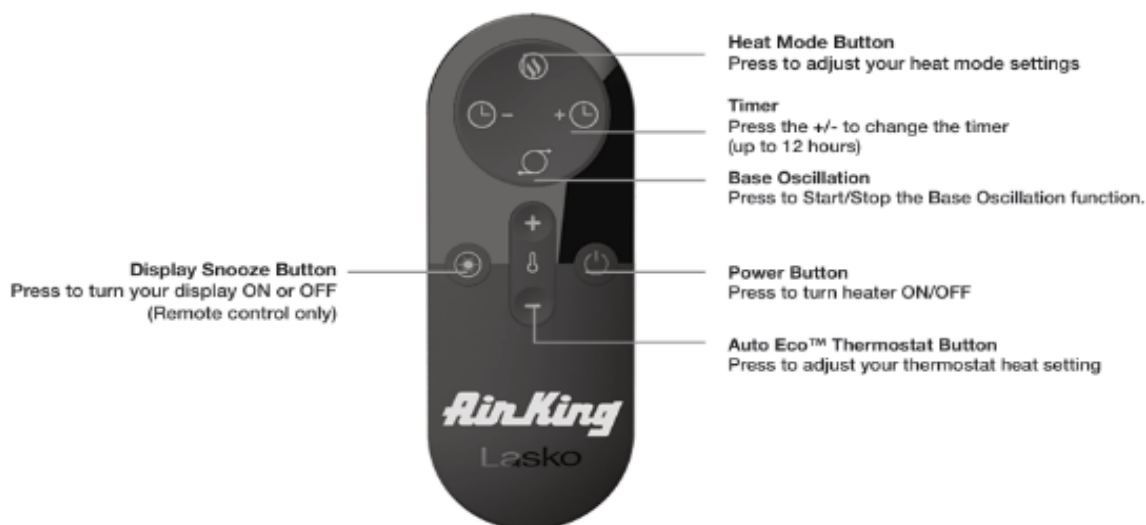
After 10 seconds the lights on the display will automatically dim. Touching any button will reilluminate the lights to 100%.

* **FOR MORE DETAILED DESCRIPTION OF AUTO ECO™ FUNCTION, SEE PAGE 6**

7.0 Illustrations

Illustration 18e - Operation instructions for the 832150 (Page 5 of 6)

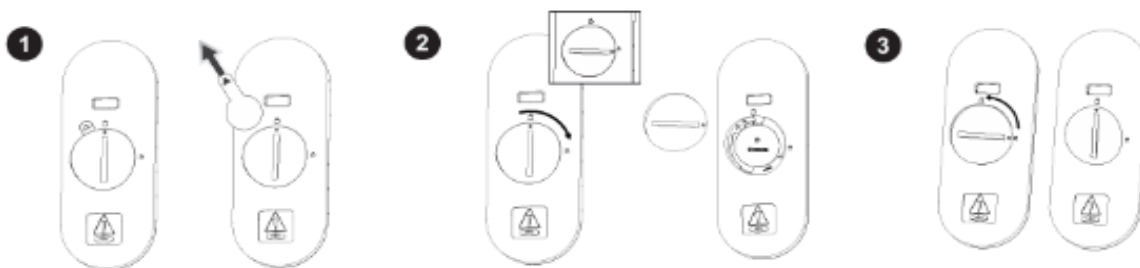
Remote Control



How To Remove The Plastic Tab From The Back Of Your Remote Control

1. Remove the plastic battery tab before using the remote. Grab and pull the tab out. (See step one below)
2. To remove the battery cover, use a coin similar to a quarter to unlock the remote control battery door. Turn clockwise to unlock.
3. To reinstall the cover, align the dot with the unlock icon on the remote. Use a coin similar to a quarter to lock the battery door. Turn counterclockwise to lock.

When your battery needs replacing. Follow steps above to remove battery cover. Replace with (1) CR2025 lithium battery.



7.0 Illustrations

Illustration 18f - Operation instructions for the 832150 (Page 6 of 6)



WARNING

TO REDUCE THE RISK OF FIRE, ELECTRICAL SHOCK OR PERSONAL INJURY, ALWAYS FOLLOW THESE IMPORTANT SAFETY INSTRUCTIONS AND WARNINGS:

MAINTENANCE

- Always unplug the cord before moving, servicing or cleaning.
- Never place the heater in or near water.
- Clean the heater only with a vacuum equipped with a brush attachment; the vacuum will remove the lint and dirt from inside the heater.
- Vacuum intake grills every two weeks; this will help to maintain the optimum heater performance.
- Never attempt to take apart the heater.
- Clean the body of the heater with a soft cloth only.
- Never use alcohol or solvents such as gasoline, benzene, paint thinner, or other harsh cleaners.

TROUBLESHOOTING TIPS

If your heater fails to operate, see below for a list of probable causes and solutions:

- Be sure the power cord is plugged into a working electrical outlet.
- Check your temperature setting. The heater may be off because it has reached the desired temperature setting.
- If your heater runs for several minutes and shuts off repeatedly, your heater may require cleaning. See maintenance section above.

STORAGE: Store the heater with these instructions, in the original carton in a cool, dry place.

LUBRICATION: Motor is permanently lubricated. No maintenance is required.

DISPOSITION: Corrugated packaging materials are recyclable. For environmentally responsible disposal of this product, contact your local waste service provider or visit www.1800recycling.com

SAFETY FEATURE

- A Tip-Over switch is built in to prevent operation if the heater is tipped over.
- A thermal overload protector is built in to prevent overheating.
- If an overheat temperature is reached, the heater will automatically shut off. It can only resume operation when the user resets the unit.

To Reset Heater:

- Unplug the heater and wait 10 minutes for the heater to cool down.
- After the heater has cooled down, plug the unit into a 120V~ electrical outlet and follow the operation instructions described in this manual.

*AUTO ECO™ THERMOSTAT

Pressing the (+) or (-) buttons while in any Heater function or speed will turn on the Auto Eco™ function.

1. To set the room at a specific temperature press the (+) or (-) buttons to the desired temperature. The Unit is now in Auto Eco™ Mode.
2. When you reach the temperature at which you want to set the unit, the set temperature will flash several times and then the display will return to indicate the current room temperature and will gradually change as the room temperature changes. NOTE: the temperature display does not indicate the temperature of the heated air being emitted by the Unit.
3. Heater will run on HIGH heat when the ambient temperature is less than the set temperature.
4. Heater will run on LOW heat when ambient temperature reaches set temperature and will continue to run on LOW heat until ambient temperature reaches 2 degrees fahrenheit above set temperature.
5. Heater will turn OFF once the ambient temperature is greater than 2 degrees fahrenheit above set temperature. The fan will continue to run for 15 seconds after the heater element is turned off.

All of this happens automatically with Airking Auto Eco™ Technology. To deactivate the Auto Eco™ function, turn the Unit off or press the heat mode button.

NOTE: In Auto Eco™, the Unit will display the current room temperature in ° Fahrenheit. Press the (+) and (-) buttons at the same time to change the display to ° Celsius. Press the same two buttons together again to change the display back to ° Fahrenheit.

AIRKING AMERICA, LLC LIMITED WARRANTY (VALID IN U.S. AND CANADA ONLY)

What this warranty covers: This product is warranted against defects in workmanship and/or materials.

How long this warranty lasts: This warranty extends only to the original purchaser of the product and lasts for three (3) years from the date of original purchase or until the original purchaser of the product sells or transfers the product, whichever first occurs.

What Airking will do: During the warranty period, Airking will, at its sole option, repair or replace any part or parts that prove to be defective or replace the whole product with the same or comparable model. For all warranty claims, the product must be returned to Airking Products, Inc. at customer's expense with proof of purchase within the warranty period. Contact the Airking customer service department to obtain a Return Authorization ("RA"). Do not return products without an RA or the warranty claim will not be processed.

What this warranty does not cover: This warranty does not apply if the product was damaged or failed because of accident, improper handling or operation, shipping damage, abuse, misuse, or unauthorized repairs made or attempted. This warranty does not cover shipping costs for the return of products to Airking for repair or replacement. Airking will pay return shipping charges from Airking following warranty repairs or replacement.

Any and all warranties, expressed or implied (including, without limitation, any implied warranty of merchantability), last three years from the date of original purchase or until the original purchaser of the product sells or transfers the product, whichever first occurs and in no event shall airking's liability under any express or implied warranty include (i) incidental or consequential damages from any cause whatsoever, or (ii) replacement or repair of any house fuses, circuit breakers or receptacles. Notwithstanding anything to the contrary, in no event shall airking's liability under any express or implied warranty exceed the purchase price of the product and any such liability shall terminate upon the expiration of the warranty period.

Some states and provinces do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so these exclusions or limitations may not apply to you. This warranty gives you specific legal rights. You may also have other rights which vary from state to state and province to province.

Proof of purchase is required before a warranty claim will be accepted.

CUSTOMER SERVICE:

Email: producthelp@lasko.com. Web: www.lasko.com

Our Customer Service team is available to assist you with product service questions and replacement parts. Chat with us at www.lasko.com Monday-Friday 8am - 9pm EST (Valid in U.S. and Canada only). Please have your model number available, as well as the type and style (located on the underside of your product).

Customer Service Dept.,
820 Lincoln Ave., West Chester, PA 19380 (Please do not send product to this location)

8.0 Test Summary					
Evaluation Period	4/25/2024 - 5/1/2024			Project No.	G105822394
Sample Rec. Date	25-Apr-2024	Condition	Production	Sample ID.	CT32150-Option A (1, 4, 6) CT32150-Option B (2, 3, 5)
Test Location	Lasko Products LLC, 820 Lincoln Ave. West Chester, PA 19380				
Test Procedure	Test Data Acceptance - Level 3				
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. Due to previous testing under Intertek Report No.105709334CRT-001, testing of the remote control under UL 4200A was not necessary.					
The following tests were performed:					
Test Description				ANSI/UL 1278:2014 Ed.4+R:21Feb2022	ANSI/UL 746C:2018 Ed. 7+R:05Feb2018
Leakge Current Test				39	--
Power Input Test				38, SC6	--
Normal Temepature Test				40, SC7	--
Dielectric Voltage-Withstand Test				48	--
Low Ambient Temperature Starting Test: Movable SC Room Heaters				SC8	--
Abnormal Operation Test - Restricted Inlet				SC9	--
Abnormal Operation Test - Overvoltage & Extreme Operating Voltage				42.2	--
Abnormal Operation Test - Stalled Fan/Stalled Motor Test				42.3	--
Abnormal Operation Test - Tip-Over Test (Movable heaters)				42.4	--
Abnormal Operation Test - Vertical-Wall Test (Movable Heaters)				42.5	--
Abnormal Operation Test - Terry Cloth Drape Test				42.6	--
Abnormal Operation Test - Terry Cloth Band Drape Test (Movable Heaters)				42.7	--
Insulation Resistane Test				49	--
Stability of Movable Heaters Test				51	--
Element Support Impact Tests - Without Accessible Dead Metal Parts				52	--
Impact Polymeric Materials Test				12.2	56
Strain Relief Test				59	29, 61.2
Push Back Strain Relief Test				16.13	29, 61.3
Mold Stress Relief Distortion Test				9.4	29, 61.4
Strain Relief Test Following Mold Stress Relief Distortion				59	29.1c, 61.2

Evaluation Period	5/28/2024-5/28/2024			Project No.	G105822394
Sample Rec. Date	28-May-2024	Condition	Production	Sample ID.	1 - Sounds 2034062 2 - Topace 2034062
Test Location	Lasko Products LLC, 820 Lincoln Ave. West Chester, PA 19380				
Test Procedure	Test Data Acceptance - Level 3				
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				ANSI/UL 1278:2014 Ed.4+R:21Feb2022	ANSI/UL 746C:2018 Ed. 7+R:05Feb2018
Component Failure Test				47	--

Evaluation Period	9-Jul-2025 - 10-Jul-2025			Project No.	G106274634
Sample Rec. Date	9-Jul-2025	Condition	Production	Sample ID.	1,2

8.0 Test Summary			
Test Location	Lasko Products LLC, 820 Lincoln Ave. West Chester, PA 19380		
Test Procedure	Test Data Acceptance - Level 3		
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	ANSI/UL 1278:2014 Ed.4+R:21Feb2022		ANSI/UL 746C:2018 Ed. 7+R:05Feb2018
Power Input Test	38, SC6		--
Normal Temeptrature Test	40, SC7		--
Component Failure Test	47		--
Dielectric Voltage-Withstand Test	48		--
Evaluation Period	6-Apr-2026 through 8-Aug-2026		Project No. G106274634
Sample Rec. Date	6-Apr-2026	Condition	Production
			Sample ID. 1,2
Test Location	Lasko Products LLC, 820 Lincoln Ave. West Chester, PA 19380		
Test Procedure	Test Data Acceptance - Level 3		
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	ANSI/UL 1278 Clause:		
Endurance Test	43.2		--
Dielectric Voltage-Withstand Test	48		--
Strain Relief Test	59		--

8.0 Test Summary					
Evaluation Period	18-May-2026 through 4-Jun-2026			Project No.	G106581821
Sample Rec. Date	NA	Condition	Production	Sample ID.	1-7
Test Location	Lasko Products LLC, 820 Lincoln Ave. West Chester, PA 19380				
Test Procedure	Test Data Acceptance - Level 3				
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			ANSI/UL 1278:2014 Ed.4+R:21Feb2022	ANSI/UL 746C:2018 Ed. 7+R:05Feb2018	CSA C22.2#46-13 Clause
Input Test			38, SC6	-	5.1.3, 7.2.2
Abnormal Operation - Tip-Over Test			-	-	7.6.4.3
Abnormal Operation - Vertical Wall Test			-	-	7.6.4.5
Abnormal Operation - Cheesecloth Drape Test			-	-	7.6.4.8
Abnormal Input + Starting Test			-	-	7.6.7, 7.6.7, 7.6.9
Push Back Strain Relief Test			16.13	-	7.8(b)
Strain Relief Test			59	-	7.8(a)
Mold Stress Relief Distortion Test			9.4	29, 61.2	-
Strain Relief Following Mold Stress Relief Distortion			59	29.1c, 61.2	-
Physical Abuse Test			-	-	7.11.1

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:	Jennifer Goforth	Reviewed by:	Angel Valencia
Title:	Senior Project Engineer	Title:	Senior Project Engineer
Signature:	Signature on file	Signature:	Signature on file

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	Lasko Products, LLC
Address	820 Lincoln Ave West Chester, PA 19380
Country	USA
Product	Electric 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 3 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 NA Inc.
ETL Component Evaluation Center
1717 Arlingate Ln.
Columbus, Ohio 43228 USA
Attn: CEC Safety

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

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, contactors, 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 products covered by this Report.	1000V	60 s
	or	
	1200V	1 s

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
13-May-2025	Brent Dudley	1	--	Added Manufacturer 2. MAY QUALITY INDUSTRIES SDN. BHD.
G106202929CRT	Russell Ransom	4	14	Added "cETLus" to Mark(s) of conformity.
			17	Added KAI YI ELECTRIC HEATING(M) SDN. BND. element model LYB-120-1500.
		3	6	Corrected Caption Type from "PCB 2034062 (Front) by Sounds Electric" to "PCB 2034063 (Front) by Sounds Electric"
24-Jul-2025	J. Goforth	3	21-26	Added Photos for Risheng PCB boards
G106274634CRT	R. Ransom	4	22	Added Photos 21,22 to Photo column; Added Risheng 2034062
			25	Added Photo 21 to Photo column
			32	Added Photo 21 to Photo column
			48	Added Photo 23 to Photo column
			49-54	Added Components for Risheng PCB boards
		6	8	Updated from "Refer to Illustration No(s). 1 - 6 for schematics requiring verification during Field Representative Inspection Audits. [Verify Polarity]" to "Refer to Illustration No(s). 1 - 6, 17 for schematics requiring verification during Field Representative Inspection Audits. [Verify Polarity]"
		7	17	Added Illustration 17 for Risheng PCB schematics
		8	-	Updated Test Summary
4-May-2026	Cade Van Ornam	2	--	Revised the models section as follows: From "CT32150" To "CT32150, 832150"
			--	Revised the Brand name as follows: From "Lasko" To "Lasko, Air King"
			--	Revised the model similarity section as follows: From "NA" To "Model 832150 is identical to model CT32150 except these models use a three conductor supply cord and can use the Air King branding"
		3	27	Added new photograph
		4	14	Added new NEMA 5-15P cordset option for the 832150; and Added photo callout "27"
			15	Added new label material for "LIAN YI PRINTING CO LTD" "LY-03"
			19	Added various option for the Internal wiring
			21	Revised the Dongguan Salipt Co Ltd Salipt S-901-600 heat shrinkable Sleeve as follows: Component name From "heat shrinkable Sleeve" To "PVC Sleeve" Technical Data From "125°C, 600V" to "105°C (min), 300V (min)" Added new Various option

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
G106562259CRT	Russell Ransom		23	Updated component name From "PWB (SOUNDS)" to "PCB (SOUNDS)"
			33	Updated component name From "PWB (TOPACE)" to "PCB (TOPACE)"
			49	Updated component name From "PWB (Risheng)" to "PCB (Risheng)"
		6	5	Revised the grounding requirements as follows: From "This product is not provided with a means of grounding as it is rated for 120V indoor use only." To "This product does not need to be provided with a means of grounding as it is rated for 120V indoor use only." Model CT32150 does not employ grounding. Model 832150 employs grounding. This is accomplished by using NEMA 5-15P type supply cord terminating on the motor frame located internally to the polymeric enclosure"
			10	Revised the following line in the Carton Cautionary Markings: From "Use only with a standard polarized 120V AC outlet." to "Use only with a standard polarized 120V AC outlet. (This line is Specific to the CT32150 only) Use only with a standard grounded polarized 120V AC outlet. (This line is Specific to the 832150 only)"
			11	Added the following to the installation instruction requirements "For model 832150 See document 832150ES dated 4/26 (Reference section 6.0 Illustrations 18a-18f)"
		7	18a	Added new illustration
			18b	Added new illustration
			18c	Added new illustration
			18d	Added new illustration
			18e	Added new illustration
			18f	Added new illustration
		8	--	Added new test block and signatures for work done under the scope of this project.

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
12-Jun-2026 G106581821CRT	J. Goforth	1	-	Updated to Multi-Mark report; Added "Electric Air-Heaters (R2022) [CSA C22.2#46:2013 Ed.9]"
	A. Valencia		-	Corrected Manufacturer 1 from "Risheng Electriac Appliances Co. Ltd." To "Risheng Electrical Appliances Co. Ltd."
		2	-	Added Model CT32170C
			-	To Model Similarity added "CT32170C is the same as CT32150 except it uses 5VA enclosure materials, rear body includes cord storage compartment, displays Celsius and includes English/French markings."
			-	Updated Ratings from "120V, 1500W, 60Hz" to "120V, 1500W, 60Hz or 120V, 60Hz, 1500W @ 25°C 120V, 60Hz, 1500W @ 0°C See Illustration 1 for Specific Use"
		3	12-17	Updated "Topace" to "Topapex" in captions
			14,15, 25,26	Added "(representative of 2034064C)" to caption
			21	Replaced photo with new Risheng 2034062 PCB photo (color differences and added bar code)
			28	Added Photo 28 - Rear view of model CT32170C
		4	2	Added Types 5005(+) and 430H; Added "Refer to illustration 1 for specific use." to Technical Data
			3	Added Type 2340; Added "Refer to illustration 1 for specific use." to Technical Data
			4	Corrected Nantong Orient Type from "3080G30" to "3080GF30"; Added "Refer to illustration 1 for specific use." to Technical Data; Added Kingfa Type PBT-RG301(r1) 5VA
			5	Corrected Nantong Orient Type from "3080G30" to "3080GF30"; Added "Refer to illustration 1 for specific use." to Technical Data; Added Kingfa Type PBT-RG301(r1) 5VA
			6	Added Types 5005(+) and 430H; Added "Refer to illustration 1 for specific use." to Technical Data
			7	Added Types AF365(&) and 3370; Added "Refer to illustration 1 for specific use." to Technical Data
			8	Added Type 2340; Added "Refer to illustration 1 for specific use." to Technical Data
			9	Added Types AF365(&) and 3370; Added "Refer to illustration 1 for specific use." to Technical Data
			10	Added Types AF365(&) and 3370; Added "Refer to illustration 1 for specific use." to Technical Data
			11	Added PA66F6430 "Nylon, min 1.5mm thick,V-0, 5VA rated 65°C (used in Model CT32170C); Refer to illustration 1 for specific use."; Added "Refer to illustration 1 for specific use." to Technical Data
			12	Added Types AF365(&) and 3370; Added "Refer to illustration 1 for specific use." to Technical Data
			20	Corrected Mark of Conformity from "UR" to "cURus"
			22	Updated from "Topace Technology Co., Ltd" to "Topapex Technology Co., Ltd." Corrected from "Risheng Electrical Appliances Factory Co. Ltd." to "Risheng Electriac Appliances Co. Ltd."

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
			33	Updated "(TOPACE)" to "(TOPAPEX)"; Updated from "Used with Topace only." to "Used with Topapex only."
			34	Updated "(TOPACE)" to "(TOPAPEX)"
			35	Updated "(TOPACE)" to "(TOPAPEX)"; Added Various Manufacturer
			36	Updated "(TOPACE)" to "(TOPAPEX)"; Added Various Manufacturer
			37	Updated "(TOPACE)" to "(TOPAPEX)"
			38	Updated "(TOPACE)" to "(TOPAPEX)"
			40	Added Various Manufacturer
			41-43	Added Ningbo LG Yongxing Chemical Co Ltd. HI-121H; Corrected HP181 Temperature Rating from 60°C to 75°C, corrected mark of conformity from "UR" to "cURus"
			46	Updated "(TOPACE)" to "(TOPAPEX)"; Corrected "102 C" to "102K"
			47	Updated "(TOPACE)" to "(TOPAPEX)"
			48	Added Various Manufacturer
			50	Added Various Manufacturer
			54	Added Various Manufacturer
			55	Added Cam Link
			56-58	Added Items for Model CT32170C
		6	8	Updated from "Refer to Illustration No(s). 1 - 6, 17 for schematics requiring verification during Field Representative Inspection Audits. [Verify Polarity]" to "Refer to Illustration No(s). 1a - 6, 17 for schematics requiring verification during Field Representative Inspection Audits. [Verify Polarity]"
			9	Removed "The following markings in French are required: None"
			11	Added "For model CT32170C, see document CT32170CEF dated New 5/26"
			12	Added Logo Dependent Markings Details
			13	Added Production control details
		7	1a	Moved Illustration 1 - Topace PCB 2034062 Schematic to new Illustration 1a; Updated "Topace" to "Topapex"
			1	Added Illustration 1 - Differences per Model Number
			2	Updated "Topace" to "Topapex" in captions
		8	-	Updated Test Summary
7-Jul-2026	J. Goforth	3	24	Removed "(representative of 2034064C)" from caption
G106581821CRT	A. Valencia		26	Added "(representative of 2034064C)" to caption