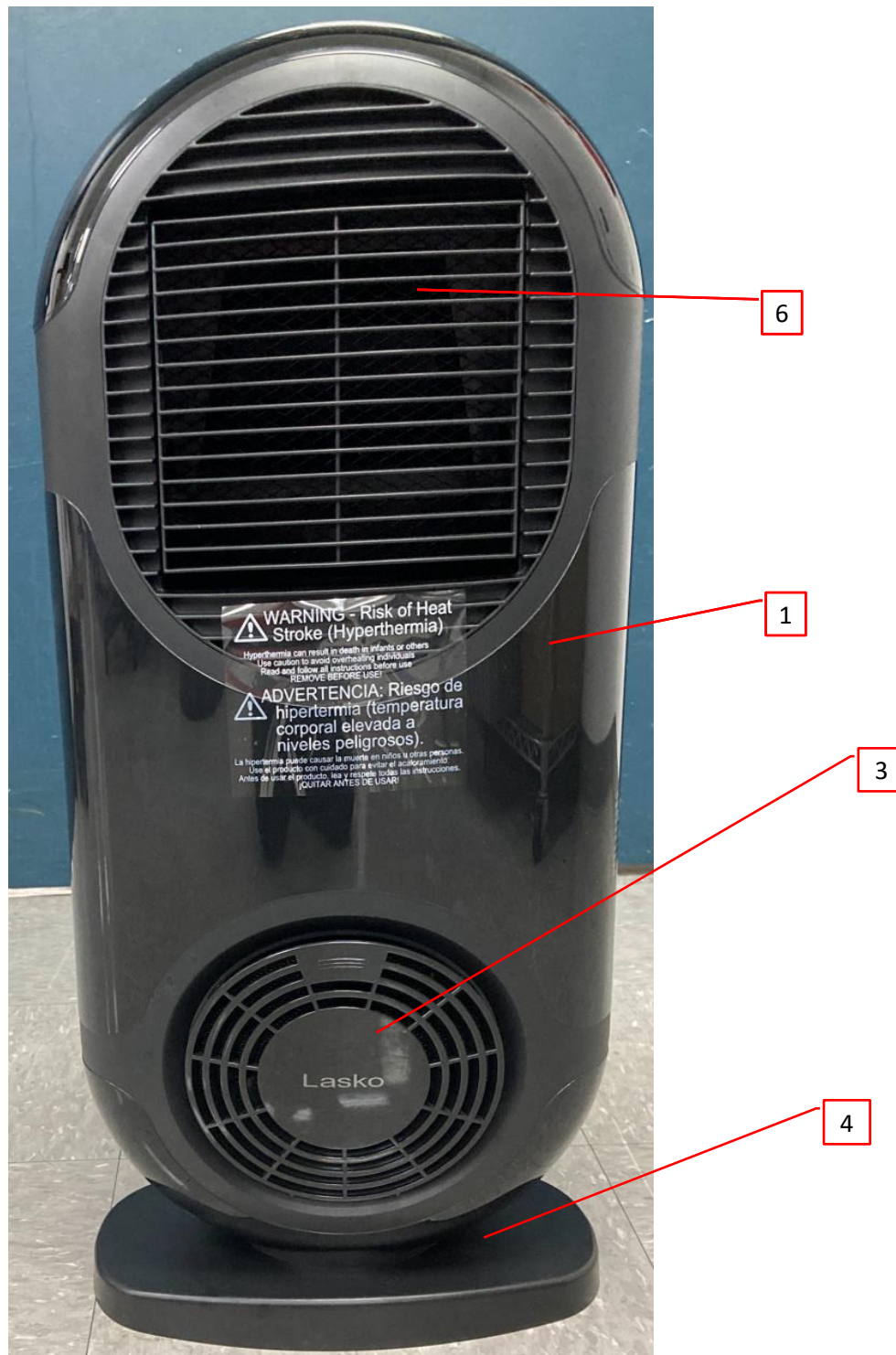


1.0 Reference and Address			
Report Number	105822411CRT-001	Original Issued: 30-May-2023	Revised: 15-May-2026
Standard(s)	Movable and Wall- or Ceiling-Hung Electric Room Heaters [ANSI/UL 1278:2014 Ed.4+R:08Mar2024]		
Applicant	Lasko Products LLC	Manufacturer 1	Foshan Shunde Toppin Electrical Technology Co.,Ltd.
Address	820 Lincoln AveWest Chester, PA 19380	Address	No. 7, Chaogui South Road, Hi-Tech Area, Ronggui, Shunde District, Foshan City, Guangdong,
Country	USA	Country	China
Contact	Parvathi Kodandaraman	Contact	Kathy Ng KK Ng
Phone	610-719-8949	Phone	86-757-29996589
FAX	(610) 692-9325	FAX	86-757-29993158
Email	pkodandaraman@laskoproducts.com	Email	kathyng@toppin.com.hk kkng@toppin.com.hk

2.0 Product Description	
Product	Electric Heater
Brand name	Lasko
Description	The products covered by this report are household, indoor use, cord connected, movable heaters.
Models	CC27350, CC27380.
Model Similarity	CC27380 PCB is schematically the same as CC27350 PCB, just different functionality, LED display and Oscillation plate.
Ratings	120V, 60Hz, 1500W
Other Ratings	NA

3.0 Product Photographs

Photo 1 - External View new of model CC27350



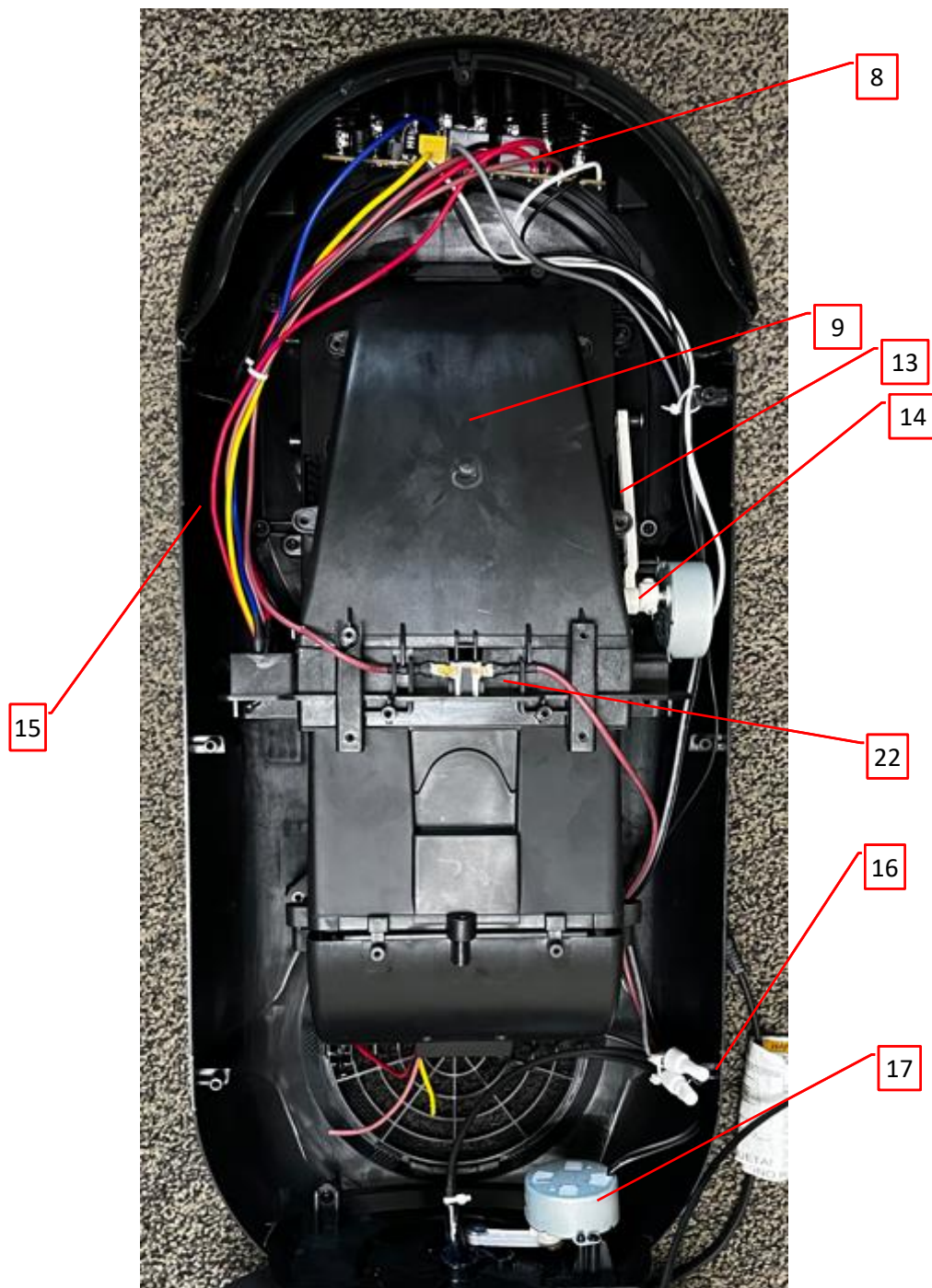
3.0 Product Photographs

Photo 1a - External View new of model CC27380



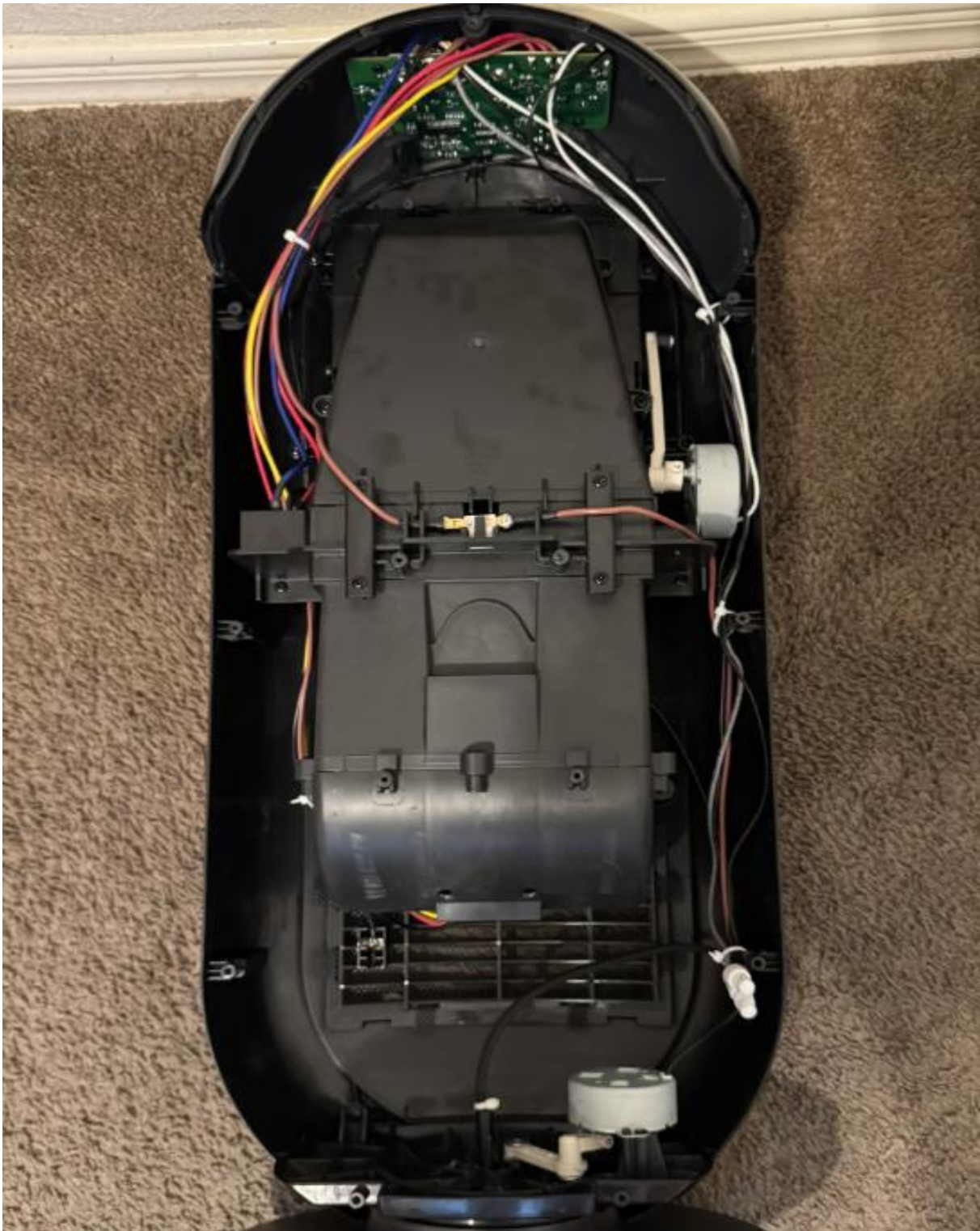
3.0 Product Photographs

Photo 2 - Internal View of model CC27350



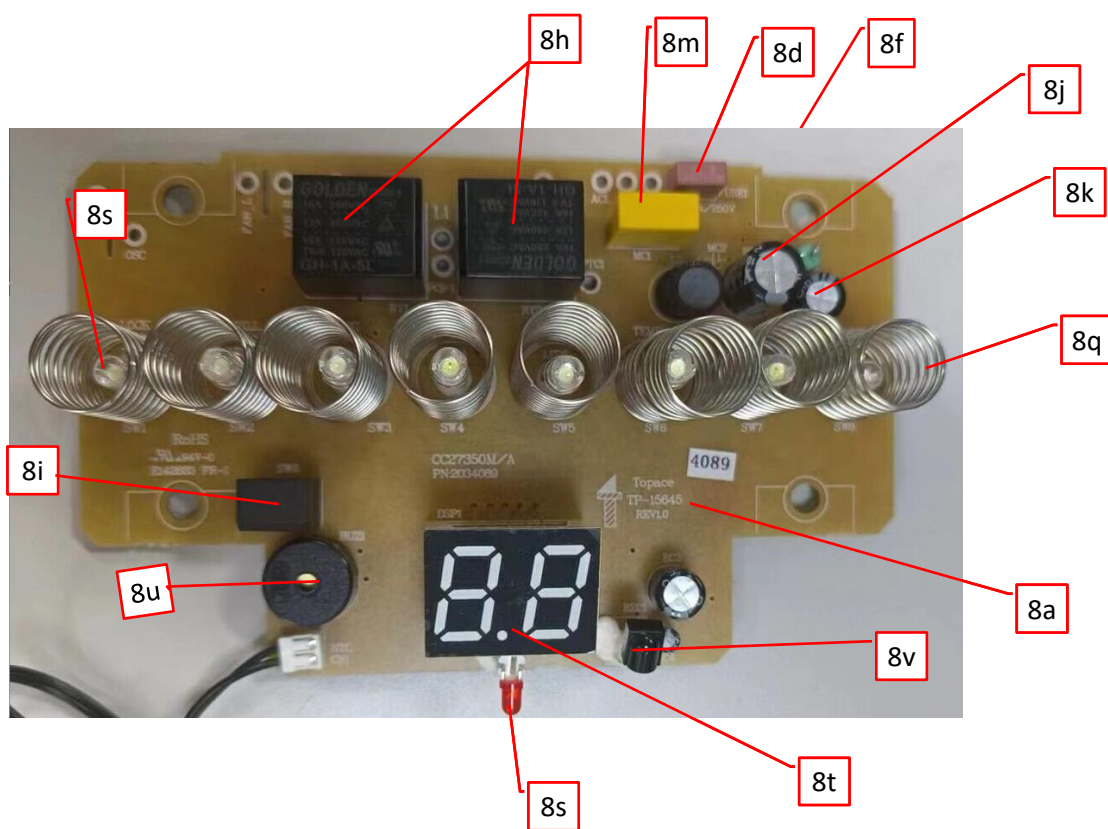
3.0 Product Photographs

Photo 2a - Internal View of model CC27380



3.0 Product Photographs

Photo 3 - Control model 2034089, by ShenZhen Topace Technology Co Ltd.



3.0 Product Photographs

Photo 3a - Control model 2034127, by ShenZhen Topapex Technology Co Ltd.

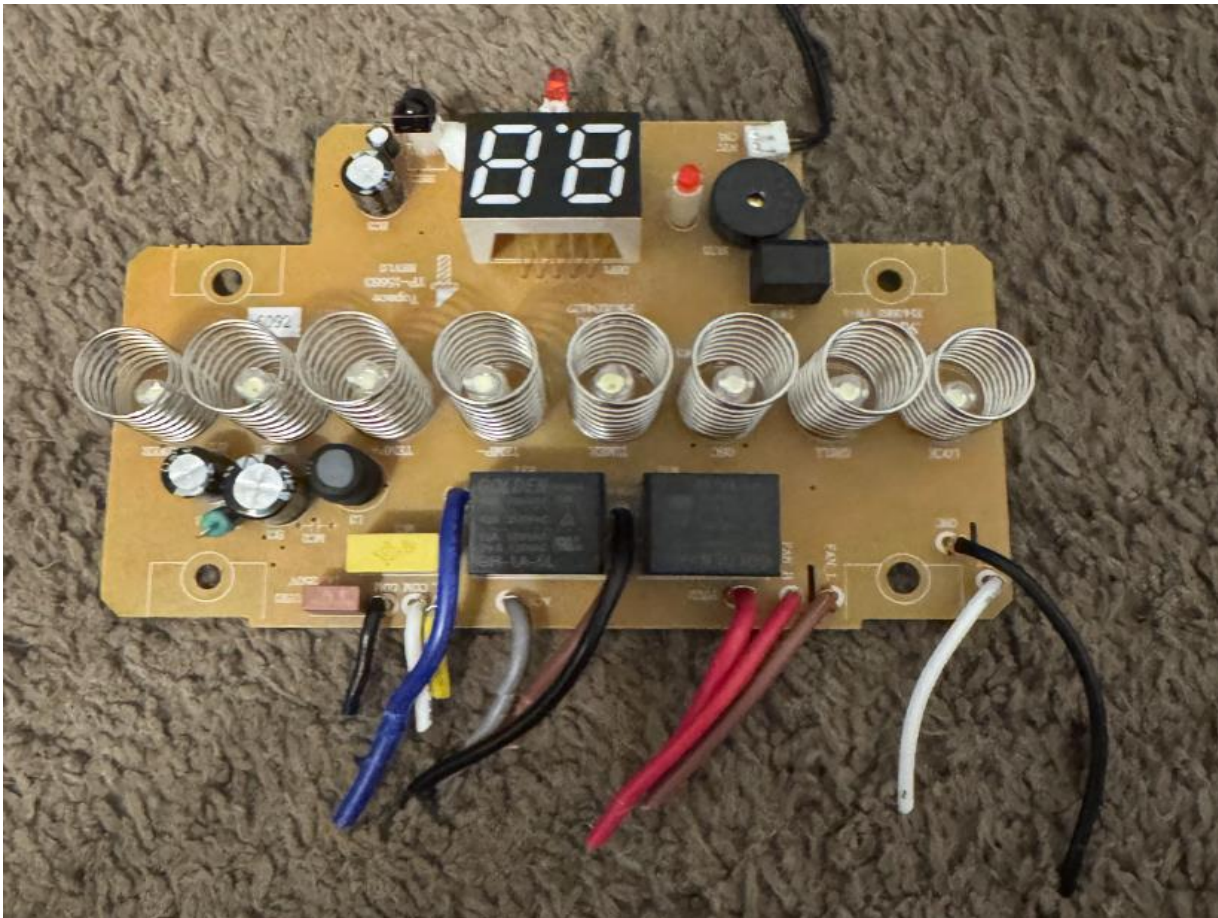
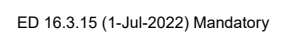


Photo 4 - Control model 2034089, by Zhuhai Sounds Electric Co.,LTD.



3.0 Product Photographs

Photo 4a - Control model 2034127, by Zhuhai Sounds Electric Co.,LTD.



3.0 Product Photographs

Photo 5 - Heater View

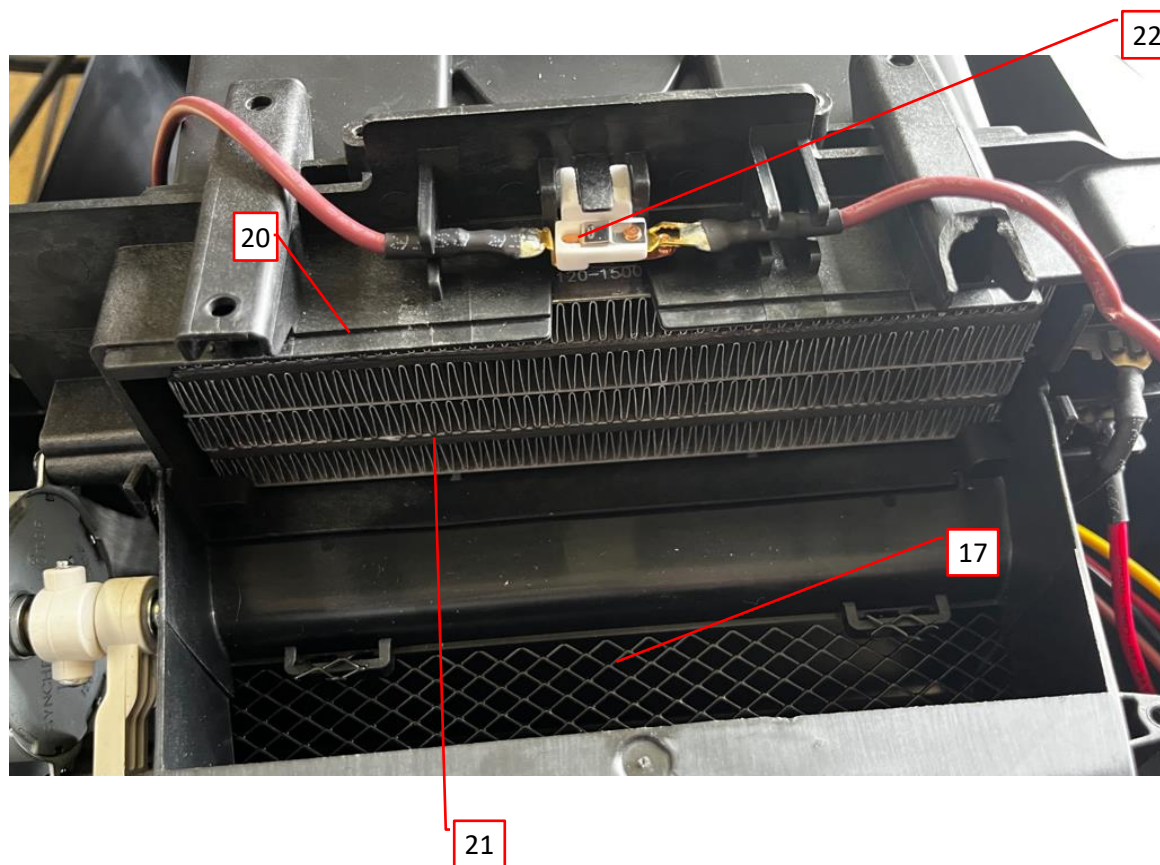
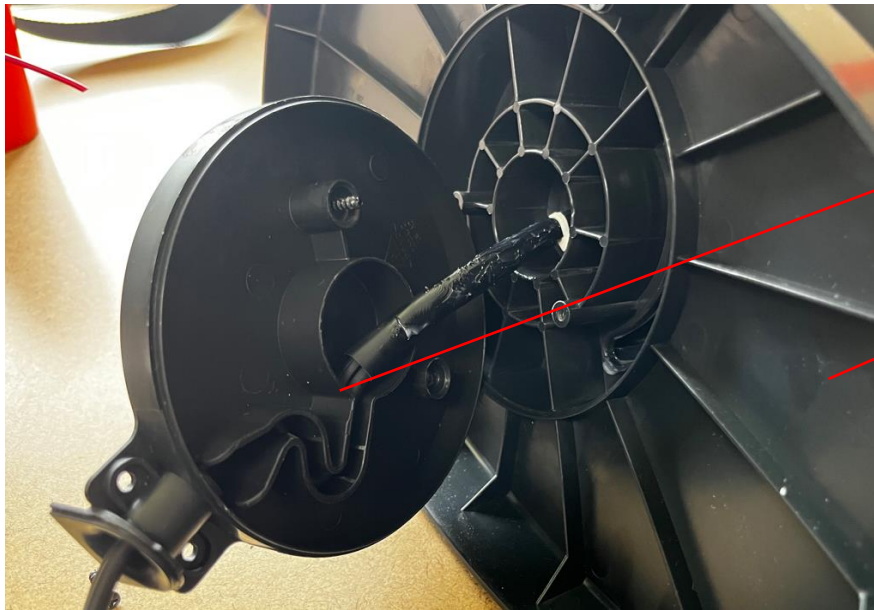


Photo 6 - Remote



3.0 Product Photographs

Photo 7 - Strain Relief



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 Body	LG Chem Ltd.	AF364(&)	ABS RATED 60°C 94V-0 min 1.5mm thick,	cURus
2	2	Rear Body (not shown)	LG Chem Ltd.	AF364(&)	ABS RATED 60°C 94V-0 min 1.5mm thick,	cURus
			LG Chem Ltd.	LUPOL GP1000F(#)	PP, Rated 120°C, V-0, min 1.5mm thick. (Color - All) (#) - May be followed by optional suffix letter from A-Z incl., except F, and except Grades HT700B, LI912A, LI912W, AF303G, AF303S, XR404T, XR407D, XR407E, HF380X, XR404E, XR404-G, XR404-P and LUMILOY GN2108FI.	cURus
1	3	Intake Cover	LG Chem Ltd.	AF364(&)	ABS RATED 60°C 94V-0 min 1.5mm thick,	cURus
1,7	4	Base	LG Chem Ltd.	AF364(&)	ABS RATED 60°C 94V-0 min 1.5mm thick,	cURus
5	5	Metal Mesh	Varoius	C.R.S	Metal mesh at the top of the blower housing	NR
1	6	Front Grill	LG Chem Ltd.	LUPOX GP-1006FDX	PBT RATED 130°C 94V-0 min 1.5mm thick, Largest opening 7.5 mm	cURus
			LG Chem Ltd.	LUPOY GP1006F	PC, Rated 110°C, V-0, min 2.5mm thick. (Color - All)	cURus
1	7	Lens (not shown)	LG Chem Ltd.	LUPOY GP-1006F	PC, min 2.5mm thick, V-0 (All), rated 110°C	cURus
3,3 a, 4, 4a	8	Control Board	ShenZhen Topace Technology Co Ltd.	2034089	120V, 60Hz, Consists of items 8a-8v	NR
			Zhuhai Sounds Electric Co.,LTD			
			ShenZhen Topapex Technology Co Ltd.	2034127		
			Zhuhai Sounds Electric Co.,LTD			
3,4	8a	PCB	YEE KING INTERNATIONAL SOURCING LTD	YK2 (FR-1/1.6mm)	V0, 130°C minimum thickness 1.6mm	UR
			DONGGUAN HUATUO ELECTRONIC CO LTD	YK-02 (FR-1/1.6mm)	V0, 130°C minimum thickness 1.6mm	
			FENGSHUN JUNDA ELECTRONIC CO LTD)	JD-V (FR-1/1.6mm)	V0, 130°C minimum thickness 1.6mm	
			Various	Various	V0, 130°C minimum thickness 1.6mm	

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
3,4	8b	SMT Resistor	Meilong Electronic (Shenzhen) Co Ltd	1206	100Ω/±5%	NR
				0603	150Ω/±5%	NR
				1206	680KΩ/±1%	NR
			GUANGDONG FENGHUA	1206	220KΩ±5%	NR
				0805	68KΩ±5%	NR
3,4	8c	SMT Winding Resistance	Foshan Shunchengda Electronic Technology Co., Ltd	0309	10Ω/±5%	NR
			Dong Guan City Flywin Electronic Sci-tech Co.,Ltd	10R-1W	10Ω/1W	NR
			Shenzhen jinyunhong Electronic Technology Co., Ltd	10R-1W		
			SHENZHEN JINGHE ELECTRONICSC O.,LTD	10R-1W		
			DONGGUAN QING YUAN ELECTRONIC CO.,LTD	10R-1W		
3,4	8d	Fuse	Various	Various	Rated 250V, 0.25A, Slow Blow and 250V, 1A.	UR

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
3,4	8e	SMT Capacitor	Meilong Electronic (Shenzhen) Co Ltd	0603	102/50V	NR
			GUANGDONG FENGHUA ADVANCED TECHNOLOGY(HOLDING)CO.,LTD	0805	105/50V	NR
			SAMSUNG ELECTRO-MECHANICS			
			GUANGDONG FENGHUA ADVANCED TECHNOLOGY(HOLDING)CO.,LTD	0805	102/50V	NR
			SAMSUNG ELECTRO-MECHANICS			
			GUANGDONG FENGHUA ADVANCED TECHNOLOGY(HOLDING)CO.,LTD	0805	104/50V	NR
			SAMSUNG ELECTRO-MECHANICS			

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
3,4	8f	IC (Not Shown)	CHINA MICRO SEMICON CO.,LTD	CMS79F738/S OP28	SOP28	NR
			Bright Power Semiconductor Co., Ltd.	BP85224DA(SOP7)	SOP7	NR
			wuxi I-CORE Electronics Co.,Ltd.	AIP650/SOP16	SOP16	NR
			SHENZHEN TIANWEI LIGHT SOURCE TECHNOLOGY CO.,LTD	TM1650/SOP16	SOP16	NR
			CHINA MICRO SEMICON CO.,LTD	CMS1650S/SOP16	SOP16	NR
			SHENZHEN CHINA MICRO SEMICON CO.,LTD	CMS79F738/B	SOP-28	NR
				CMS89F6285B	SOP-28	NR
				CMS1650S	SOP-16	NR
			Zhuhai Sounds Electric Co., LTD.	SD82F28S-CM	SOP-28	NR
			China Resources Micro Integrated Circuit (Wuxi) Co., Ltd	CS1650EO	SOP-16	NR
3,4	8g	SMT Diode	Wuxi I-CORE Electronics Co.,Ltd.	AIP650E	SOP-16	NR
			Shenzhen Zhirun Crystal Co., Ltd./ Jifu Electronic Co., Ltd	1N4007W/A7	A7	NR
			Jinan Jingheng Electronics Co., Ltd. / Jifu Electronic Co. Ltd	J9/SOD-123	SOD-123	NR
			Luguang Electronic Technology CO.,LTD./Jifu Electronic Co. Ltd	1N4148W/SOD-123	SOD-123	NR
			TAKCHEONG ELECTRONICS SHANWEI CO.,LTD	M7	1000V 1A SOD-123	NR
			CHANGZHOU ZHIDE ELECTRONIC CO.,LTD	M7	1000V 1A SOD-123	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
3,4	8h	Relay	Various	GH-1A-5L	15A, 125VAC	UR
				SRD-S-105DM		
				MPA-S-105-A		
				Y3F-SS-105DM	15A, 125VAC	UR
				GK3FF-12VDC-S-A	12A, 125VAC	UR
3,4	8i	Photoelectric tip over switch	Various	BL-3030-45	DC5V.4-20mA, located on item 8a.	NR
3,4	8j	Electrolytic capacitor	Various	Various	Rated 4.7μF, 250V (for Topace)	NR
			Various	Various	Rated 10μF, 250V (for Sounds)	NR
3,4	8k	Electrolytic capacitor	Various	Various	Rated 470μF, 16V,	NR
3,4	8l	Electrolytic capacitor (Not Shown)	Various	Various	Rated 47μF,16V	NR
3,4	8m	X2 Capacitor	Various	Various	Minimum 104K/250VAC (for Topace)	cURus
			Various	Various	Minimum 104K/250VAC (for Sounds)	cURus
3,4	8n	Triac (Not Shown)	ADVANCED CORPORATION LIMITED	ADD1D80S/WD DA87 SOP-7	Rated 600/800V, 1A. TO-92 Package. Located on item 8a.	NR
			EnVertex Electronics(ShenZhen) Co.,Ltd	LF1A80CA2/SO P-7		
3,4	8o	NTC	Various	Various	10K±2%/B=3950±1%	NR
3,4	8p	Line	Various	2468	26AWG, 300V 80°C	NR
3,4	8q	Touch Springs	Huizhou Dehong Hardware Products Co., Ltd	Steel	Φ13.8*23MM	NR
					Φ13.8*29MM	NR
					Φ13.8*32MM	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
3,4	8s	LED	SHEN ZHEN HIGHLIGHT ELECTRONIC COLTD	Various	Φ3/Red, Φ5MM/White and Φ5MM/Red and White	NR
			Universe Opto Electronics Co.,Ltd.	Various	Φ3/Red, Φ5MM/White and Φ5MM/Red and White (For Sounds)	NR
			Zhuhai Runguo Co. Ltd. Electronic Factory			
			Zhu hai Worldwide Optoelectronics Technology Co.Ltd			
			Shenzhen jinbiwei Electronic Co., Ltd			
			DONGGUAN JAHURD OPTO CO.,LTD.			
			FO SHAN AL ELECTRONICS CO.,LTD			
			ChangLi Optoelectronics Technology Co.Ltd			
3,4	8t	LED Display	Various	Varios	Double 8 /White	NR
3,4	8u	Buzzer	Zhongshan Zhongli Electronic Co Ltd	ZL-YDW1407	4KHz/P=7.6mm (for Topace)	NR
			Various	Various	4KHz/P=7.5mm (for Sounds)	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
3,4	8v	IR Reciever	WordWide ELECTRONIC CO.LTD.	IRM138	5V, -45 to +85°C	NR
			Shenzhen Yongxu Photoelectric Technology Co., Ltd	ARM-383		NR
			Shenzhen Zibo Technology Co.,Ltd	ARM-3830M1-L-C10-T		NR
			SHENZHEN ALLBRITE OPTO TECHNOLOGYC O.,LTD	ARM-383AYX1-B-D10-24		NR
			Zhu hai Worldwide Optoelectronics Technology Co.Ltd	IRM-138BTL		NR
3,4	9	Blower Motor Housing	LG Chem Ltd.	GP1000F(#)	PP RATED 120°C 94V-0 min 1.5mm thick,	cURus
3,4	10	Blower Adapter (not shown)	LG Chem Ltd.	LUPOX GP-1006FDX	PBT RATED 130°C 94V-0 min 1.5mm thick,	cURus
2	11	Motor	Foshan Shunde Toppin Electrical Technology Co.,Ltd.	2033414	120V- 60Hz, 0.5A	See 5.0
2	12	Oscillation Plate(not shown)	LG Chem Ltd.	LUMID GN2251BF	PA66 RATED 65°C 94V-0 min 0.8mm thick,	cURus
2	13	Cam	LG Chem Ltd.	LUMID GN2251BF	PA66 RATED 65°C 94V-0 min 0.8mm thick,	cURus
2	14	Link	LG Chem Ltd.	LUMID GN2251BF	PA66 RATED 65°C 94V-0 min 0.8mm thick,	cURus
2	15	Internal Wire	Various	1015	16-24AWG 600V VW-1 105°C. 16 awg for heater connections	cURus
2	16	Closed end Connector	Heavy Power	Various	22-14AWG, 300V, 105°C mimimum.	cURus
			FOSHAN SHUNDE KAIXIANG ELECTRICAL CO LTD	Various		
			JIANGXI GAOCHAO INDUSTRIAL CO LTD	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
2	17	Oscillation motor	Foshan Shunde Hengxing Micro Motor Co Ltd.	TYJ50-8A	Rated 120Vac, 60Hz, 4W, 3RPM	cURus
			ZHAOQING CITY GAOYAO DISTRICT HENGJUN ELECTRICAL APPLIANCE CO LTD.	TY-50		
1	18	Cordset (not shown)	Various	HPN-R	16AWG/2, Rated 300V, 105°C. Minimum 1.8m (6ft) - maximum 2.4m (8ft), measured from the cord exits to the face of the attachment plug. Provided with a 2 prong 1-15P style polarized plug rated 125V, 15A.	cURus or cETLus
1	19	Label (Not Shown)	ZHONGSHAN ZHANTU PRINTING FACTORY	ZT969-1	min. 80°C	UR
			GUANGDONG TIANYUE	TY669A-125	min. 80°C	UR
				TY867-150	min. 80°C	UR
5	20	Element Holder	LG Chem Ltd.	LUPOX GP-1006FDX	PBT RATED 130°C 94V-0 min 1.5mm thick,	cURus
5	21	Element	Dongguan Longyang Electronic Technology Co. Ltd.	LYB-120-1500	Ceramic PTC. Rated 120V, 1500W	cURus
			Dongguan City LongKey Electronic Co. Ltd.	RFB-120-1500		cURus
				RFB062E/1K5		cURus
5	22	Manual TCO Reset	Auone Electronic Mfg Ltd.	AUT-70-P	125VAC 16A 70 °C	cURus
			Foshan Eagle Technology Co Ltd.	AMT-P2	125VAC 16A 70 °C	cURus
6	23	Front Cover, Remote	LG Chem Ltd.	HI121H	Minimum 1.5mm thick, HB rating 95°C	cURus
6	24	Rear Cover, Remote (Not Shown)	LG Chem Ltd.	HI121H	Minimum 1.5mm thick, HB rating 95°C	cURus
6	27	AAA Battery (not shown)	Various	Various	2 supplied, Lithium metal based, 3V	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
1	28	Cord Tag (Not Shown)	GUANGDONG TIANYUE PRINTING TECH. CO., LTD.	TY669A-125	18AWG min,HPN-R cord,indoor use,Only for use as Cord Tag.	UR
			DONG GUAN ZHANG MU TOU XIN RONG PRINTING FACTORY	GM011		UR
7	29	Strain Releif	LG Chem Ltd.	AF364(&)	ABS RATED 60°C 94V-0 min 1.5mm thick, Molded into the bottom of Component item 4 - Base	cURus
			LG Chem Ltd.	LUPOL GP1000F(#)	PP, Rated 120°C, V-0, min 1.5mm thick. (Color - All)	cURus
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
2	11	Motor	Foshan Shunde Toppin Electrical Technology Co.,Ltd.	2033414
Electrical Rating: 120V- 60Hz 0.5A				Insulation class A
Component Standard used: UL 1004-1, UL 1004-3				
MATERIALS LIST (refer to illustration 3 for assembly drawing)				
Component	Manufacturer	Type/model	Dimensions/thickness/assembly information	
Core	Foshan Shunde Tai Feng Hardware Mold Co., LTD.	Baosteel 1000	60x16	
Bobbin	TORAY INDUSTRIES INC	3004-V0(rr), CM3004-V0(rr)	Nylon, min 0.75mm thick, V-0 (All), rated 130°C	
	E I Dupont De Nemours & Co., Lin	FR7025V0F(+) LUMID GN-2251BF(#)		
	LG CHEMICAL LTD	FR70G25V0		
Protective device	XIAMEN SET ELECTRONICS CO LTD	K2	115°C 2A 250V	
	Zhangzhou Aupo Electronics Co., Ltd.	A2-F	115°C 2A 250V	
Leads	Guangdong Yongrui Cable Technology Co. Ltd..	1015	105°C 600V	
	GUANG DONG XIN LONG ENTERPRISE CO	1015	105°C 600V	

5.0 Critical Unlisted CEC Components						
WINDING(S) RESISTANCE						
Winding Designation	Wire Size (mm ²)	Wire Type	Turns	Volts	Amps	DC resistance (Ω) +/- 10%:
High	0.27	QZ/QA/UEW	1310	--	--	32.4
Low	0.17	QZ/QA/UEW	170	--	--	44.5
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		60s
		Primary to secondary				
		Secondary to core				

6.0 Critical Features

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

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

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

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

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

1. Spacing - In primary circuits, 1.6 mm 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
2. Mechanical Assembly - Components such as switches, fuseholders, connectors, wiring terminals and display lamps are mounted and prevented from shifting or rotating by the use of lockwashers, starwashers, or other mounting format that prevents turning of the component.
3. Corrosion Protection - All ferrous metal parts are protected against corrosion by painting, plating or the equivalent.
4. Accessibility of Live Parts - All uninsulated live parts in primary circuitry are housed within a non-metallic enclosure constructed with no openings other than those specifically described in Sections 4 and 5.
5. Grounding - This product is not provided with a means of grounding as it is not required to be grounded as it is provided with a polarized plug, has a polymeric construction, and is rated less than 150V.
6. Polarized Connection - This product is provided with a polarized power supply connection. All single pole switches and fuses are connected only to the ungrounded supply circuit conductor.
7. Internal Wiring - Internal wiring is routed away from sharp or moving parts. Internal wiring leads terminating in soldered connections are made mechanically secure prior to soldering. Recognized Component separable (quick disconnect) connectors of the positive detent type, closed loop connectors, or other types specifically described in the text of this report are also acceptable as internal wiring terminals. At points where internal wiring passes through metal walls or partitions, the wiring insulation is protected against abrasion or damage by plastic bushings or grommets. For the minimum applicable wiring ratings see Section 4.0.
8. Schematics - Refer to Illustration 1, 1a, 1b and 7 for schematics requiring verification during Field Representative Inspection Audits.
9. Markings - The product is marked on a labeling system as described in item no. 19 of Section 4.0 as follows:
Brand name or Applicant name.
 - Model number.
 - Date of manufacture
 - Electrical rating (volts, amperes and/or power & frequency).

The following markings in French are required: None

6.0 Critical Features

10. Cautionary Markings - The following are required: The product shall be plainly marked "CAUTION" and the following cautionary marking that shall be visible from a point 1.5 m above the floor and between 0.3 and 1.2 m away from the front surface of the heater when the heater is placed in the intended use location and the marking shall be in letters not less than 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: Refer to Illustration 5.

Cord Tag - Cord tag is marked on a cord tag system as described in item 28 of Section 4.0. The following are required: Refer to Illustration 5b

Refer to Illustration 5 for Hypothermia warning.

11. Installation, Operating and Safety Instructions - Instructions for installation and use of this product are provided by the manufacturer. Refer to Illustrations 2 for details. Rev 03/25 CC27350ES

12. Carton Markings - The carton shall have the following markings that appear on one side except the bottom:

WARNING

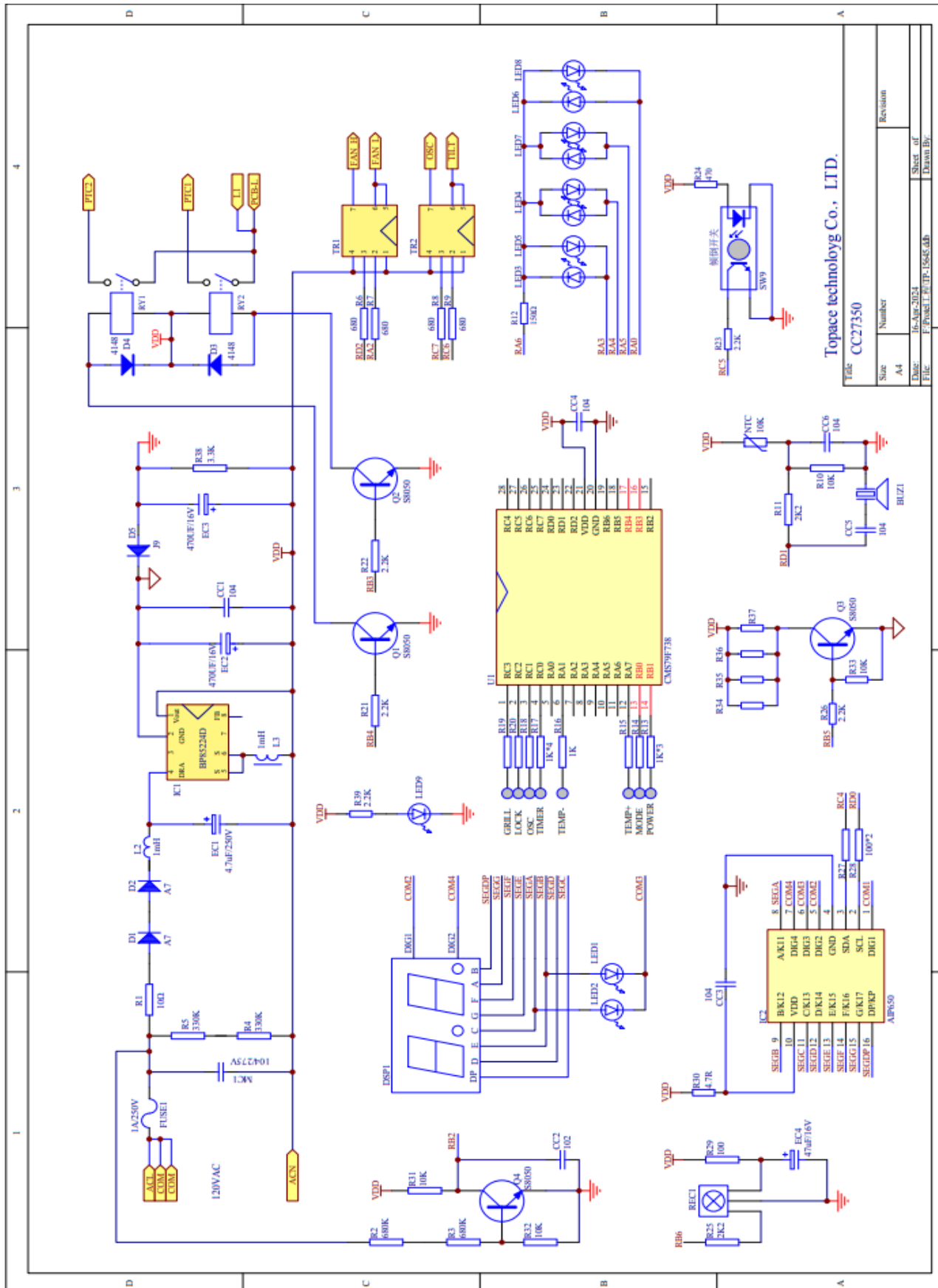
Rated: 120 Volts AC, 12.5 AMPS, 60HZ

Use only with a standard polarized 120V AC outlet.

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.

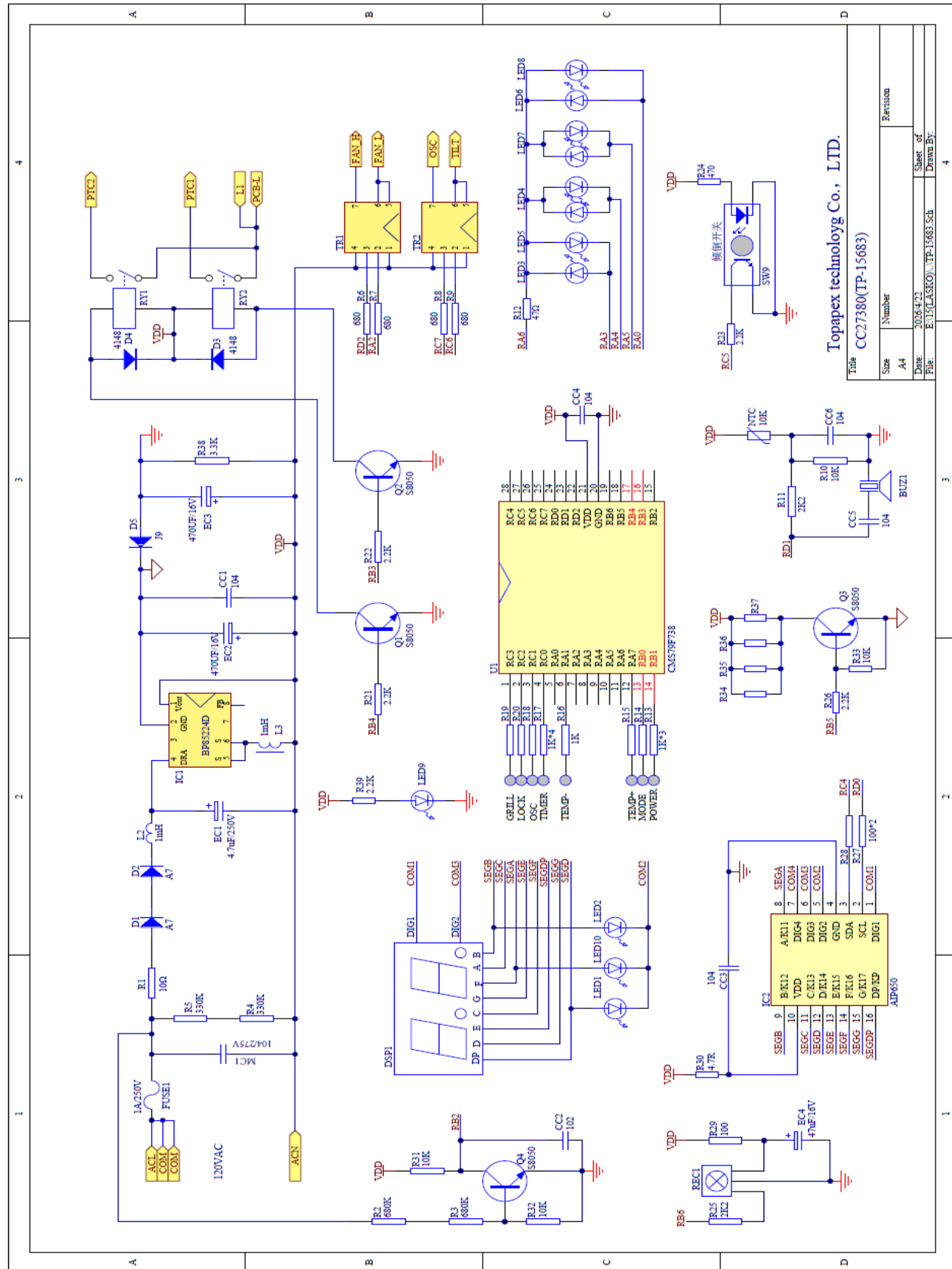
7.0 Illustrations

Illustration 1-Topace PCB Spacings (Verify Polarity L-N)



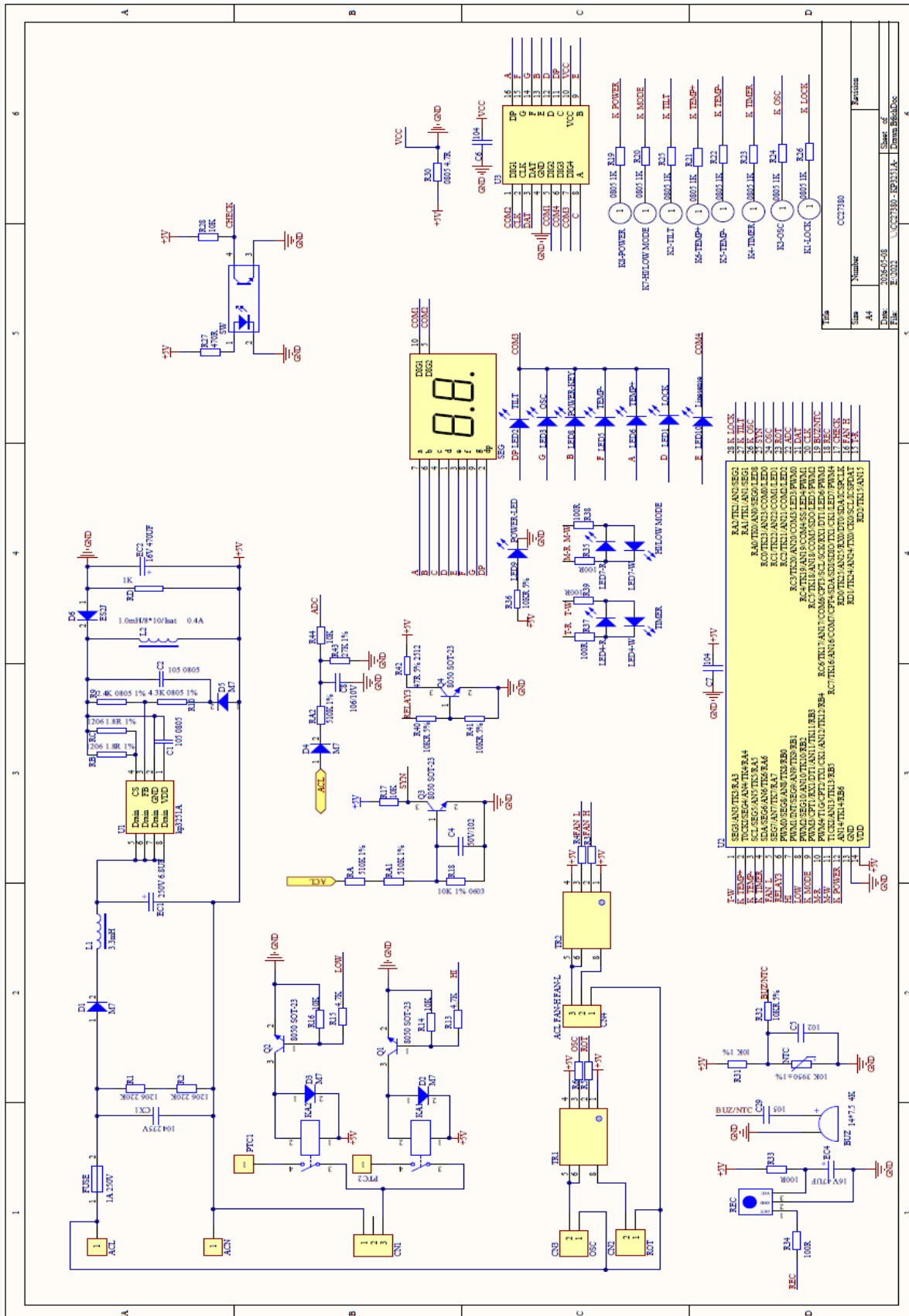
7.0 Illustrations

Illustration 1a -Topapex PCB - 2034127 (Verify Polarity L-N)



7.0 Illustrations

Illustration 1b - Sounds PCB - 2034127 (Verify Polarity L-N)



7.0 Illustrations

Illustration 2 -Instruction Manual

Lasko®

Motion X™ Whole Room Console Heater Instruction Manual

Used for Model:
CC27350



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 - 5pm 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 2.1 -Instruction Manual Continued



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 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. 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.
 -  This appliance has a polarized plug (one blade is wider than the other). To reduce the risk of electric shock, this plug is intended to fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician. Do not attempt to defeat this safety feature.
 -  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.

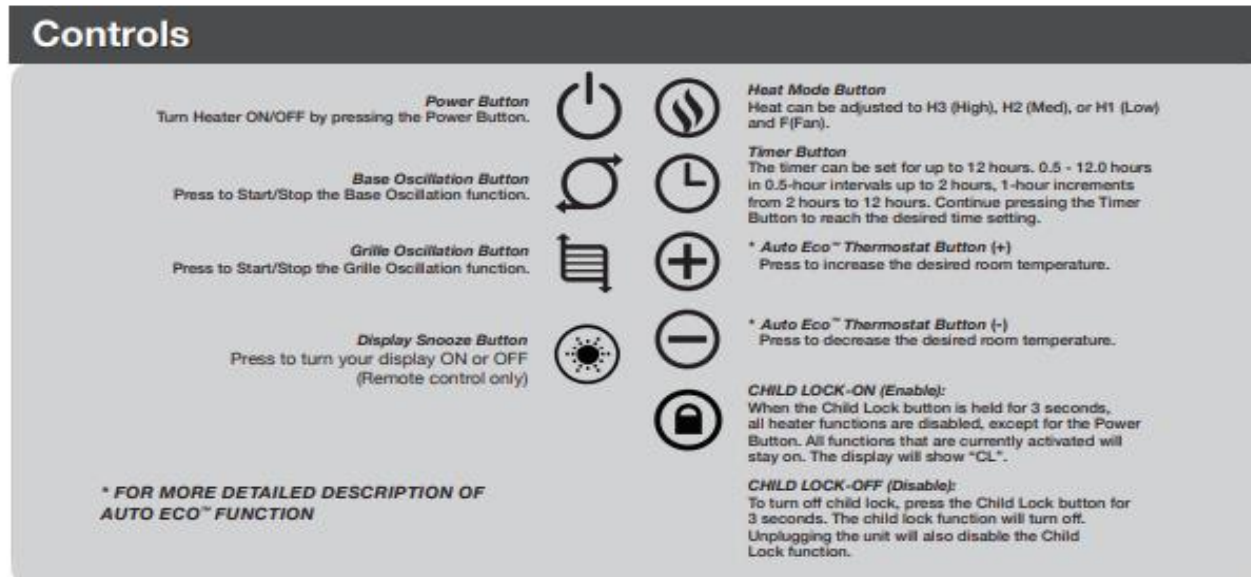
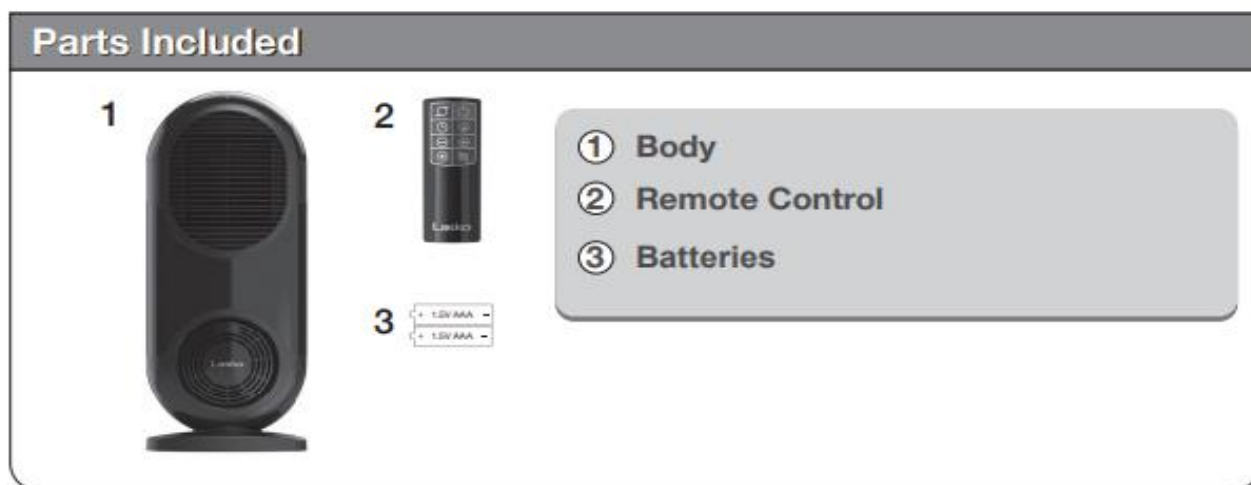
CAUTION

- 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 2.2 -Instruction Manual Continued



*AUTO ECO™ THERMOSTAT

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

- To set the room at a specific temperature press the (+) or (-) buttons to the desired temperature. The temperature display will be flashing. The Unit is now in Auto Eco™ Mode.
- 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.
- Heater will run on HIGH heat when the ambient temperature is less than the set temperature.
- 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.
- 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 Lasko 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.

7.0 Illustrations

Illustration 2.3 -Instruction Manual Continued



WARNING

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

AUTO-DIMMING DIGITAL DISPLAY

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

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.

TROUBLE SHOOTING 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.
- Make certain the batteries in the remote control are new and properly installed.
- 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.

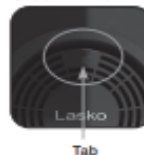
SAFETY FEATURE

- 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.

Clean Filter



Push tab in to release, then remove the filter cover from the front of the Heater.

To put filter cover back on, push the tab to lock back in place.



Vacuum intake grills every two weeks; this will help to maintain the optimum heater performance.

LASKO PRODUCTS, 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 Lasko will do: During the warranty period, Lasko 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 Lasko Products, LLC at customer's expense with proof of purchase within the warranty period. Contact the Lasko 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 Lasko for repair or replacement. Lasko will pay return shipping charges from Lasko 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 lasko'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 lasko'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:

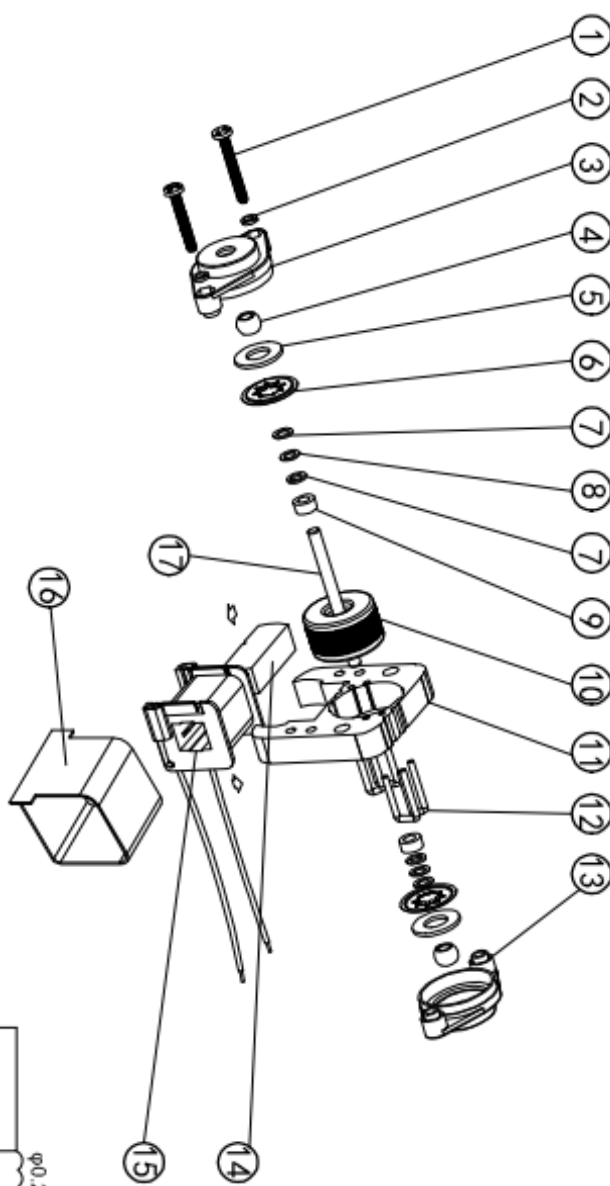
Email: producthelp@lasko.com. Web: www.lasko.com

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)

Illustration 4 -Motor Foshan Shunde Toppin Electrical Technology Co.,Ltd. 2033414

	# of turns (T)	filo diameter (mm)	flexibility (g)
1 setting	1310±10T	0.27mm	33±4g
2 setting	170±10T	0.17mm	45±5g



DRAWING NAME		Motor		FOSHAN SHUNDE TOPPIN ELECTRICAL	
图纸名称				佛山市顺德天品电器有限公司	
MATERIAL		SCALE		ANGLE	
材料		比例			
DGN.BY		APP.BY		DWG. NO.	
设计		批准		图纸编号	
DERV. BY		CHIK.BY		UNIT	
绘图		审核		mm	
				MODEL APPLIED:	
				产品型号:	

7.0 Illustrations

Illustration 5 - Hyperthermia Warning

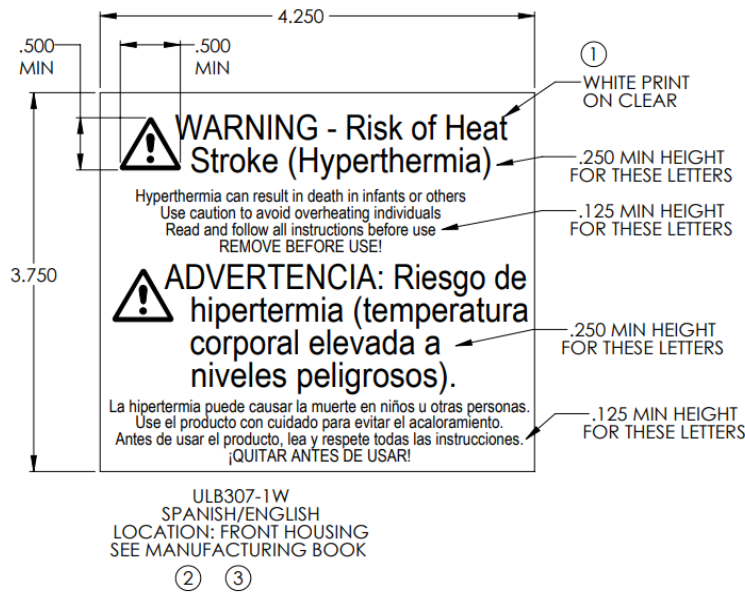
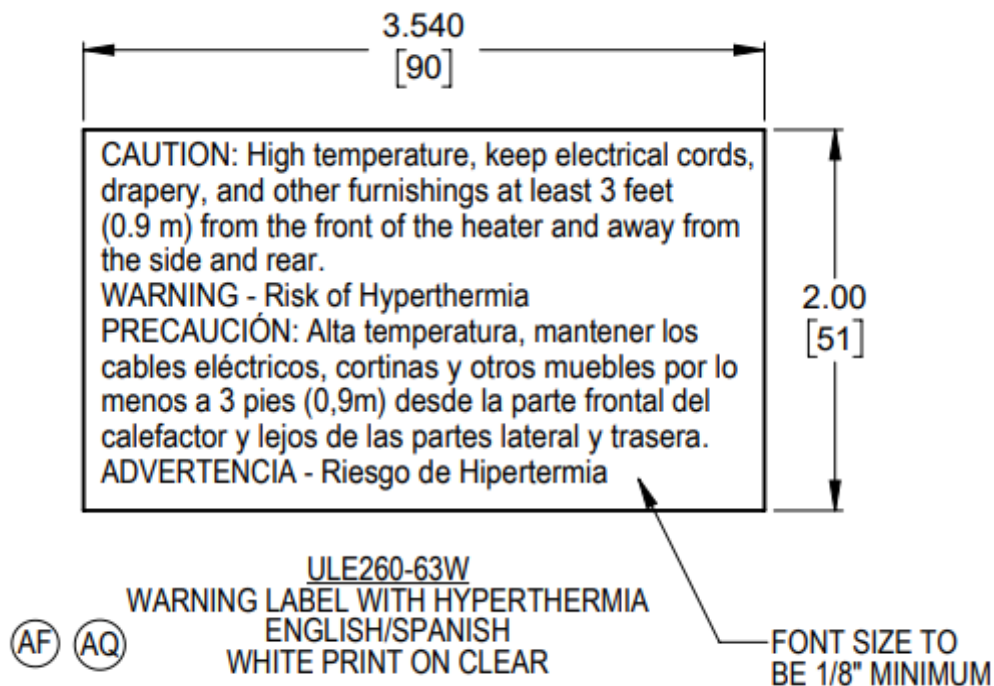


Illustration 5a - Warning Label



7.0 Illustrations

Illustration 5b - Cord Tag

Tag attached to the product shall be within 152.4 mm (6 inches) of the face of the attachment plug

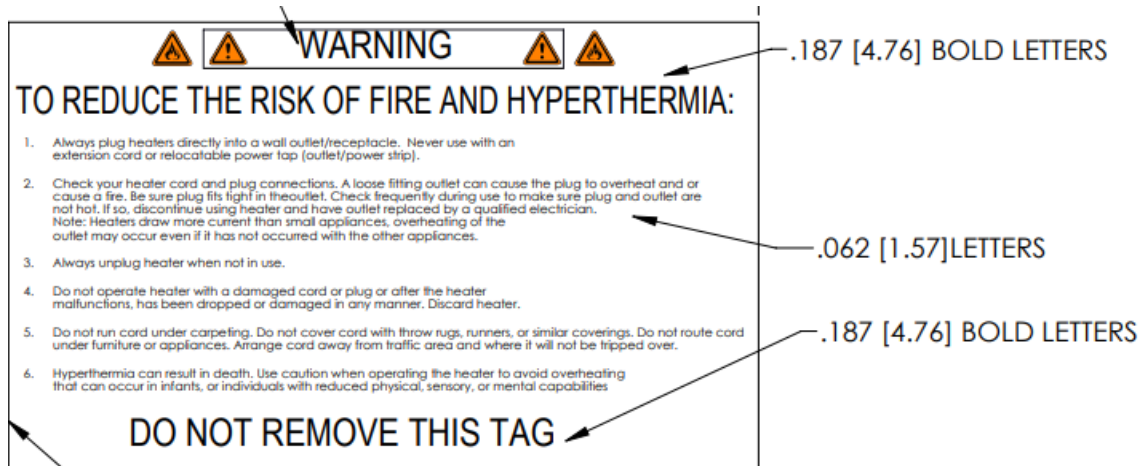
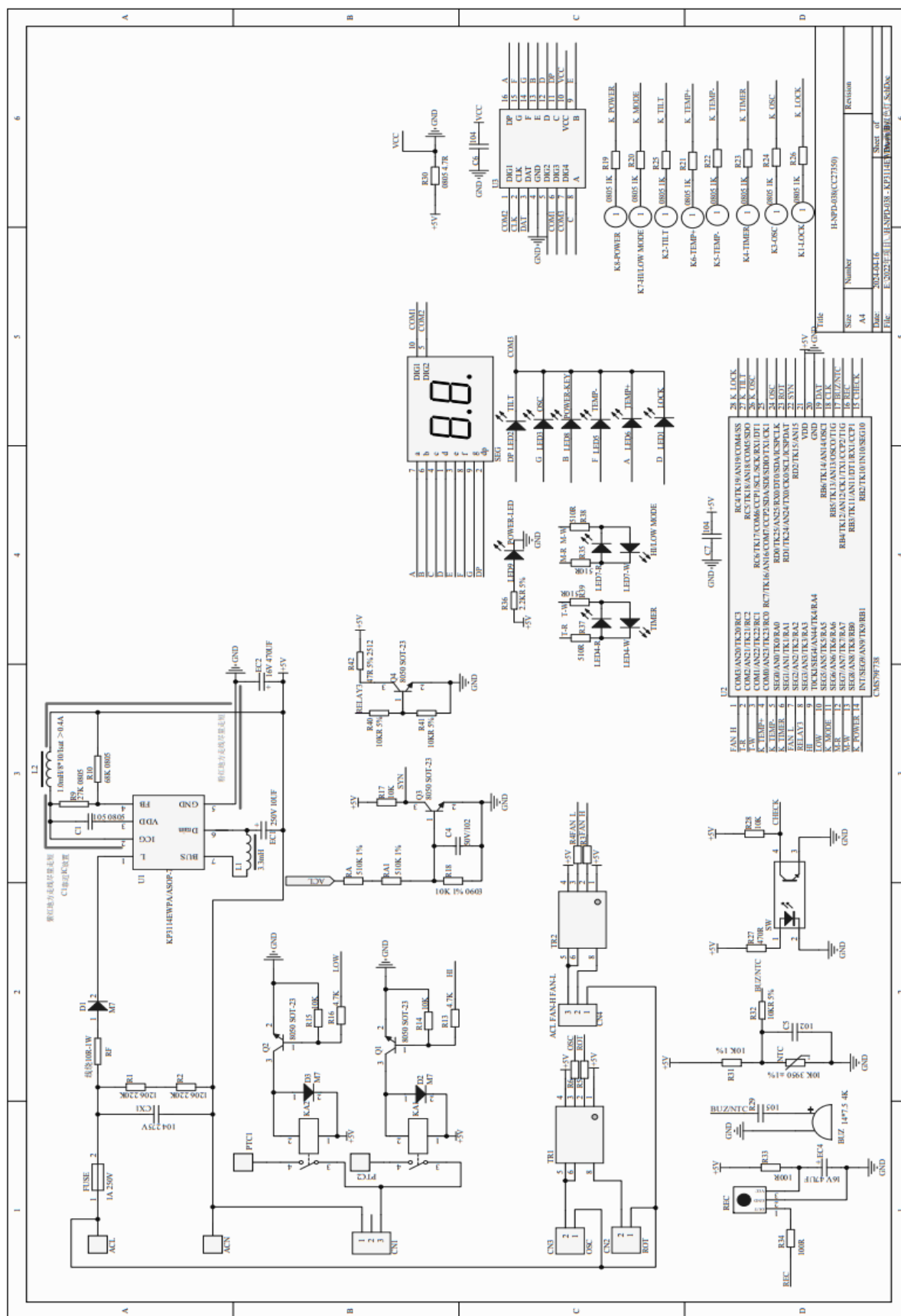


Illustration 7 - Sounds PCB Spacings (Verify Polarity L-N)



8.0 Test Summary					
Evaluation Period	5/8/2024 Through 6/4/2024			Project No.	G105822411CRT-001
Sample Rec. Date	8-May-2024	Condition	Production	Sample ID.	CRT-2405081024-001
Test Location	Lasko Products, LLC 820 Lincoln Ave. West Chester, PA 19380 USA				
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	UL 1278 Clause	UL 746C Clause	UL 1004-3 Clause	UL 4200A Clause	
Power Inputs	38	-	-	-	
Leakage Current	39	-	-	-	
Normal Temperature	40	-	-	-	
Overvoltage Test	42.2	-	-	-	
Stalled-Fan Test	42.3	-	-	-	
Tip-Over Test	42.4	-	-	-	
Vertical-Wall Test	42.5	-	-	-	
Terry-Cloth Drape Test	42.6	-	-	-	
Terry-Cloth Band Drape Test	42.7	-	-	-	
Component Failure Test	47	-	-	-	
Dielectric Voltage-Withstand	48	-	37	-	
Insulation Resistance	49	-	-	-	
Stability of Movable Heaters	51	-	-	-	
Element Support Impact Tests	52	-	-	-	
Drop Test	53	-	-	-	
Knob Securement Test	56	-	-	-	
Strain Relief	59	-	-	-	
Push Back Strain Relief	16.13	61.2	-	-	
Resistance to Impact Test	-	56	-	-	
Mold Stress-Relief Distortion	-	61	-	-	
Locked Rotor Test	-	-	8	-	
Input Test	SC6	-	-	-	
Normal Temperature Test	SC7	-	-	-	
Low Ambient Temperature Starting Test	SC8	-	-	-	
Restricted Inlet, Abnormal Operation Test	SC9	-	-	-	
DC Offset Voltage Temperature Test	SC10	-	-	-	
Fan Speed Controls, Abnormal Operation Tests	SC11	-	-	-	
Endurance Test	SC12	-	-	-	
Accessibility / Probe Test	-	-	-	5.3	
Battery Prevention Removal - Coin	-	-	-	5.5A	
Drop Test	-	-	-	6.3.2	
Impact Test	-	-	-	6.3.3	
Crush Test	-	-	-	6.3.4	
Torque Test	-	-	-	6.3.4A	
Tension Test	-	-	-	6.3.4B	
Compliant (Accessibility after abuse)	-	-	-	6.3.5	

8.0 Test Summary				
Evaluation Period	01-May-2026 to 15-May-2026			Project No. G106563702
Sample Rec. Date	1-May-2026	Condition	Production	Sample ID. 12
Test Location	Lasko Products, LLC 820 Lincoln Ave. West Chester, PA 19380 USA			
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 the previous testing performed under this report, only the following testing was performed:				
Test Description	UL 1278 Clause	UL 746C Clause		
Power Inputs	38	-		
Leakage Current	39	-		
Normal Temperature	40	-		
Overvoltage Test	42.2	-		
Stalled-Fan Test	42.3	-		
Tip-Over Test	42.4	-		
Vertical-Wall Test	42.5	-		
Terry-Cloth Drape Test	42.6	-		
Terry-Cloth Band Drape Test	42.7	-		
Component Failure Test	47	-		
Dielectric Voltage-Withstand	48	-		
Insulation Resistance	49	-		
Stability of Movable Heaters	51	-		
Element Support Impact Tests	52	-		
Knob Securement Test	56	-		
Strain Relief	59	-		
Push Back Strain Relief	16.13	61.2		
Resistance to Impact Test	-	56		
Mold Stress-Relief Distortion	-	61		
Input Test	SC6	-		
Normal Temperature Test	SC7	-		
Low Ambient Temperature Starting	SC8	-		
Restricted Inlet, Abnormal Operation	SC9	-		
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:	Angel Valencia	Reviewed by:	Russell Ransom	
Title:	Engineer	Title:	Reviewer	
Signature:	Angel Valencia	Signature:	Russell Ransom	

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 AveWest 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
20-Jun-2024	Geoffrey Nowell	3	1	Replaced Photo 1 to reflect modification to intake cover
G105859579CRT	Josh O'Connor	4	8a	Added new manufacturer "Various"
		4	8a	Added new model "Various"
		4	8l	Updated Name to include text "(Not Shown)"
		6	11	Updated text FROM: "Instructions for installation and use of this product are provided by the manufacturer. Refer to Illustrations 2 for details. Rev 05/23 CC277350ES" TO: "Instructions for installation and use of this product are provided by the manufacturer. Refer to Illustrations 2 for details. Rev 05/24 CC27350ES"
		7	2	Updated instruction manual to most recent edition
		7	2.1	Updated instruction manual to most recent edition
		7	2.2	Updated instruction manual to most recent edition
		8	--	Added new test block and replaced signatures

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
23-Apr-2025	J. Goforth	3	3,4	Removed Item 8f callout, IC is located on rear side of board
G106171768CRT	D. Root		6	Replaced Photo 6 to reflect new AAA remote; Removed Photo Call-outs for Item 24, 25, and 26.
		4	8b	For Meilong 1206 680KΩ, removed "R2,3"; Added GUANGDONG FENGHUA ADVANCED TECHNOLOGY HOLDING CO.,LTD 1206 and 0805
			8c	Added Dong Guan City Flywin Electronic Sci-tech Co.,Ltd, Shenzhen jinyunhong Electronic Technology Co., Ltd, SHENZHEN JINGHE ELECTRONICSCO.,LTD, and DONGGUAN QING YUAN ELECTRONIC CO.,LTD
			8e	For Meilong 0603, removed "CC2"; Added GUANGDONG FENGHUA ADVANCED TECHNOLOGY (HOLDING) CO.,LTD and SAMSUNG ELECTRO-MECHANICS 0805 105/50V, 0805 102/50V and 0805 104/50V
			8f	Added "(Not Shown)" to Name Column; Added SHENZHEN CHINA MICRO SEMICON CO.,LTD CMS79F738/B, CMS89F6285B and CMS1650S; Added Zhuhai Sounds Electric Co., LTD. SD82F28S-CM; Added China Resources Micro Integrated Circuit (Wuxi) Co. , Ltd CS1650EO; Added Wuxi I-CORE Electronics Co.,Ltd. AIP650E
			8g	Added TAKCHEONG ELECTRONICS SHANWEI CO.,LTD and CHANGZHOU ZHIDE ELECTRONIC CO.,LTD M7
			8h	Corrected "SRD-S-102DM" to "SRD-S-105DM"; Added "Y3F-SS-105DM" and "GK3FF-12VDC-S-A
			8j	Added Various, Various "Rated 10μF, 250V (for Sounds)"
			8m	Added Various, Various "Minimum 104K/250VAC (for Sounds)"; Corrected original technical data from "104/275/VAC" to "Minimum 104K/250VAC (for Topace)"
			8n	For ADVANCED CORPORATION LIMITED ADD1D80S/SOP-7, added "WDDA87"
			8s	Added Universe Opto Electronics Co.,Ltd., Zhuhai Runguo Co. Ltd. Electronic Factory, Zhu hai Worldwide Optoelectronics Technology Co.Ltd, Shenzhen jinbiwei Electronic Co., Ltd, DONGGUAN JAHURD OPTO CO.,LTD., FO SHAN AL ELECTRONICS CO.,LTD, ChangLi Optoelectronics Technology Co.Ltd
			8u	Added Various, Various "4KHz/P=7.5mm (for Sounds)"
			8v	Added Shenzhen Zibo Technology Co.,Ltd ARM-3830M1-L-C10-T, SHENZHEN ALLBRITE OPTO TECHNOLOGYCO.,LTD ARM-383AYX1-B-D10-24, Zhu hai Worldwide Optoelectronics Technology Co.Ltd IRM-138BTL
			9	Corrected Material designation from "GP-1000F(#)" to "GP1000F(#)"
			10	Corrected Motor Technical Data from "120V- 60Hz, 0.3A" to 120V- 60Hz, 0.5A"
			12-14	Corrected Material designation from "LUMID GN-2251BF(#)" to "GN2251BF"

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
			15	Corrected Technical Data from "16-24AWG 600V VW-1 105°C. 16 awg for heater connections" to "16-24AWG 600V VW-1 105°C. 16 awg for heater connections"
			18	Updated Mark of Conformity from "cURus" to cURus or cETLus"
			24	Added "(Not Shown)" to Rear Cover, Remote
			25	Removed Battery Cover
			26	Removed Battery housing rear
			27	Changed Name from "Coin Cell Battery" to "AAA Battery"; Changed Type from "CR2025" to "Various" Change Technical Data from "1 supplied, Lithium Metal based, 3V" to "2 supplied, Lithium Metal based, 3V"
		5	11	Correct Electrical Ratings from "120V- 60Hz 0.3A" to "120V- 60Hz 0.5A"
		6	8	Updated from "Refer to Illustration 1 for schematics requiring verification during Field Representative Inspection Audits." to "Refer to Illustration 1 and 7 for schematics requiring verification during Field Representative Inspection Audits."
			11	Updated from "Refer to Illustrations 2 for details. Rev 05/24 CC27350ES" to "Refer to Illustrations 2 for details. Rev 03/25 CC27350ES"
			12	Removed "Additionally see Ill 6 for Packaging for Coin Cell Model and Voltage information."
		7	2	Updated Page 1 of Instruction Manual to 03/25 Edition
			2.1	Updated Page 2 of Instruction Manual to 03/25 Edition
			2.2	Updated Page 3 of Instruction Manual to 03/25 Edition
			2.3	Updated Page 4 of Instruction Manual to 03/25 Edition
			3	Removed Illustration 3 Remote Coin Cell Battery Marking
			6	Removed Illustration 6 as Coin Cell Battery no longer used
			6a	Removed Illustration 6a as Coin Cell Battery no longer used
			7	Added Illustration 7 - Sounds Schematic

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
15-May-2026	A. Valencia <i>A.V.</i>	2	-	Added Model: CC27380
G106563702CRT	R. Ransom <i>R.R.</i>	2	-	Added Model similarity: CC27380 PCB is schematically the same as CC27350 PCB, just different functionality, LED display and Oscillation plate.
		3	1a	Added Photo: External View new of model CC27380
		3	2a	Added Photo: Internal View of model CC27380
		3	3a	Added Photo: Control model 2034127, by ShenZhen Topapex Technology Co Ltd.
		3	4a	Added Photo: Control model 2034127, by Zhuhai Sounds Electric Co.,LTD.
		4	2	Added alternate: LUPOL GP1000F(#)
		4	6	Added alternate: LUPOY GP1006F
		4	8	Added alternate: 2034127
		4	29	Added alternate: LUPOL GP1000F(#)
		7	1a	Added Illustration: Topapex PCB - 2034127 (Verify Polarity L- N)
		7	1b	Added Illustration: Sounds PCB - 2034127 (Verify Polarity L- N)
		8	-	Added evaluation period
		8.1	-	Replaced signatures from Geoffrey Nowell/Josh O'Connor to Angel Valencia/Russell Ransom