

1.0 Reference and Address			
Report Number	21051549HKG-001	Original Issued: 9-Jul-2021	Revised: 9-Sep-2021
Standard(s)	Household Electric Cooking and Food Serving Appliances [UL 1026:2012 Ed.6+R:06Jun2019] Safety of Household and Similar Appliances - Part 1: General Requirements [CSA C22.2#60335-1:2016 Ed.2] Household and Similar Electrical Appliances - Safety - Part 2-9: Particular Requirements for Grills, Toasters and Similar Portable Cooking Appliances (R2019) [CSA C22.2#60335-2-9:2014 Ed.1]		
Entirely Replaces Report Number	200109006GZU-001		
Applicant	YA-IN (ZHONGSHAN) Electric Appliance Manufacture Co., Ltd	Manufacturer	YA-IN (ZHONGSHAN) Electric Appliance Manufacture Co., Ltd
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2.0 Product Description																																				
Product	Induction Cooktop																																			
Brand name	NA																																			
Description	<p>The products covered by this report are portable cord-connected induction cooktops for household and indoor use only. The products are connected with a mold-on grounding type plug, and intended to be connected to 120V supply mains.</p> <p>These models have two separate hotplates, which can be controlled separately, while the total power can't exceed 1800W when two hotplates worked together.</p>																																			
Models	C18E-DDH01, C18E-DEH01, C18E-DDS01, C18E-DES01, C18E-DDH02, C18E-DEH02, SINC2B120, MD-2B.																																			
Model Similarity	<p>These models employ same electrical circuits and have similar construction except for direction of placing, power rating of hotplates and glass panel size.</p> <p>Model SINC2B120 is same as C18E-DDS01 except for model's designation.</p> <p>Model MD-2B is same as C18E-DEH02 except for model's designation.</p> <p>The detailed difference as below (the detail refer to photo 1 - 4, Illustration 5 - 7) :</p> <table border="1"> <thead> <tr> <th>Model</th> <th>Placing Direction of Two Hotplates</th> <th>Separate Hotplate Power (Right / Left, or Back/Front)</th> <th>Total Power When Two Hotplates Worked Together</th> <th>Glass panel Size (L x W, mm)</th> </tr> </thead> <tbody> <tr> <td>C18E-DDH01</td> <td>Right / Left</td> <td>1800W / 1800W</td> <td>1800W</td> <td>590 x 320</td> </tr> <tr> <td>C18E-DEH01</td> <td>Right / Left</td> <td>1300W / 1800W</td> <td>1800W</td> <td>590 x 320</td> </tr> <tr> <td>C18E-DES01</td> <td>Front / Back</td> <td>1800W / 1800W</td> <td>1800W</td> <td>520 x 340</td> </tr> <tr> <td>C18E-DDS01, SINC2B120</td> <td>Front / Back</td> <td>1300W / 1800W</td> <td>1800W</td> <td>520 x 340</td> </tr> <tr> <td>C18E-DEH02, MD-2B</td> <td>Right / Left</td> <td>1800W / 1800W</td> <td>1800W</td> <td>520 x 360</td> </tr> <tr> <td>C18E-DDH02</td> <td>Right / Left</td> <td>1300W / 1800W</td> <td>1800W</td> <td>520 x 360</td> </tr> </tbody> </table>	Model	Placing Direction of Two Hotplates	Separate Hotplate Power (Right / Left, or Back/Front)	Total Power When Two Hotplates Worked Together	Glass panel Size (L x W, mm)	C18E-DDH01	Right / Left	1800W / 1800W	1800W	590 x 320	C18E-DEH01	Right / Left	1300W / 1800W	1800W	590 x 320	C18E-DES01	Front / Back	1800W / 1800W	1800W	520 x 340	C18E-DDS01, SINC2B120	Front / Back	1300W / 1800W	1800W	520 x 340	C18E-DEH02, MD-2B	Right / Left	1800W / 1800W	1800W	520 x 360	C18E-DDH02	Right / Left	1300W / 1800W	1800W	520 x 360
Model	Placing Direction of Two Hotplates	Separate Hotplate Power (Right / Left, or Back/Front)	Total Power When Two Hotplates Worked Together	Glass panel Size (L x W, mm)																																
C18E-DDH01	Right / Left	1800W / 1800W	1800W	590 x 320																																
C18E-DEH01	Right / Left	1300W / 1800W	1800W	590 x 320																																
C18E-DES01	Front / Back	1800W / 1800W	1800W	520 x 340																																
C18E-DDS01, SINC2B120	Front / Back	1300W / 1800W	1800W	520 x 340																																
C18E-DEH02, MD-2B	Right / Left	1800W / 1800W	1800W	520 x 360																																
C18E-DDH02	Right / Left	1300W / 1800W	1800W	520 x 360																																
Ratings	120V~, 60Hz, 1800W.																																			
Other Ratings	NA																																			

3.0 Product Photographs

Photo 1 - Top View for model C18E-DDH01

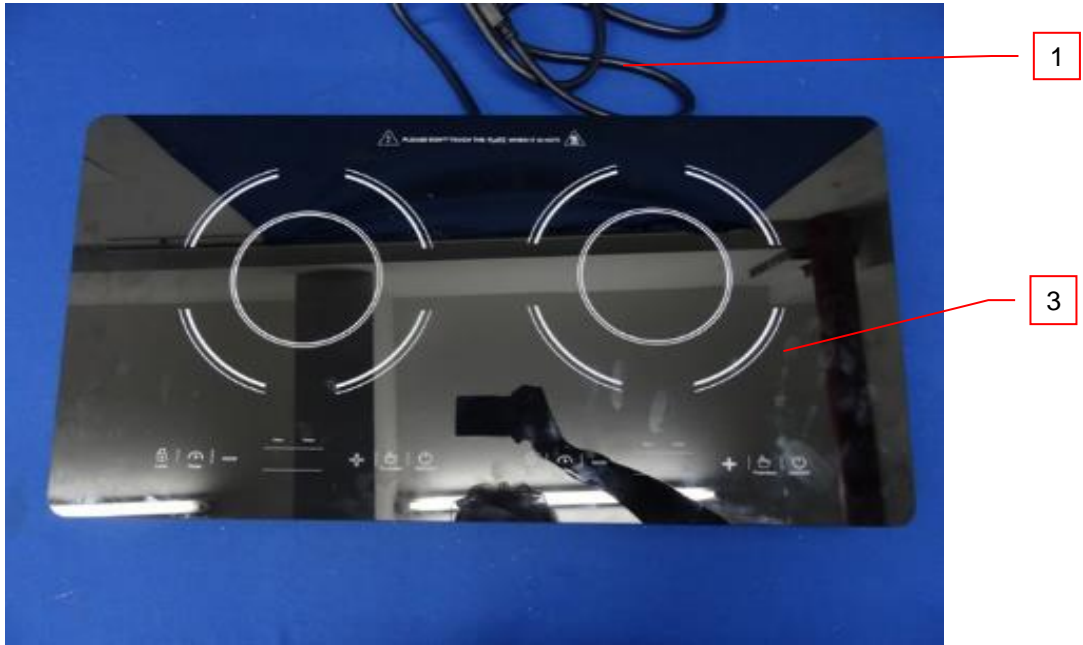
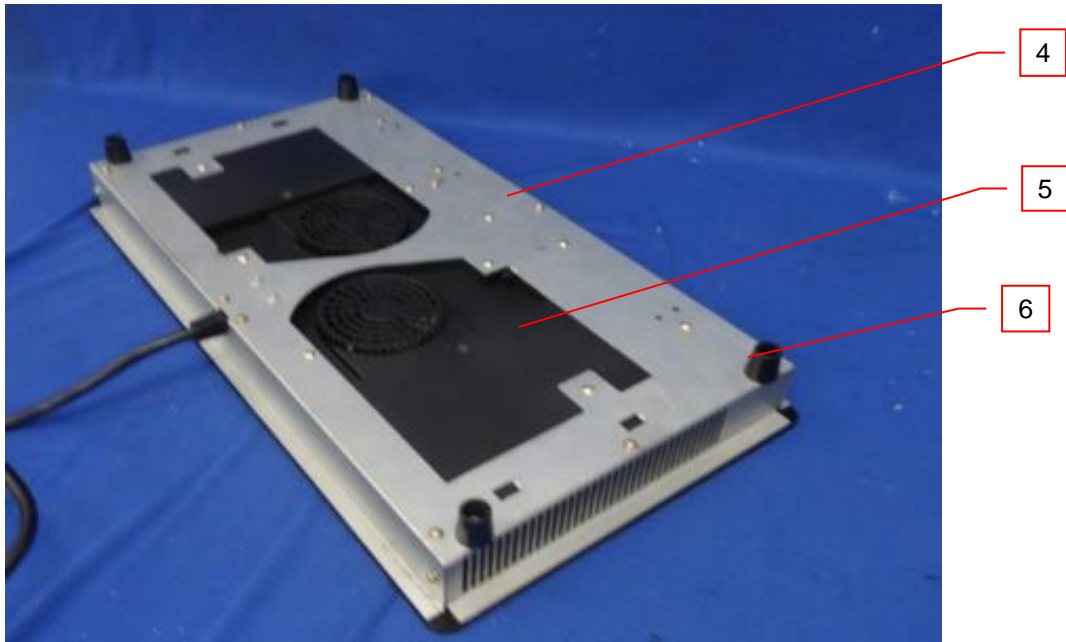


Photo 2 - Bottom view for model C18E-DDH01



3.0 Product Photographs

Photo 3 - Top view for model C18E-DDS01



Photo 4 - Bottom view for model C18E-DDS01



3.0 Product Photographs

Photo 5 - Control Panel View for model C18E-DDH01



Photo 6 -Control Panel View for model C18E-DDS01.

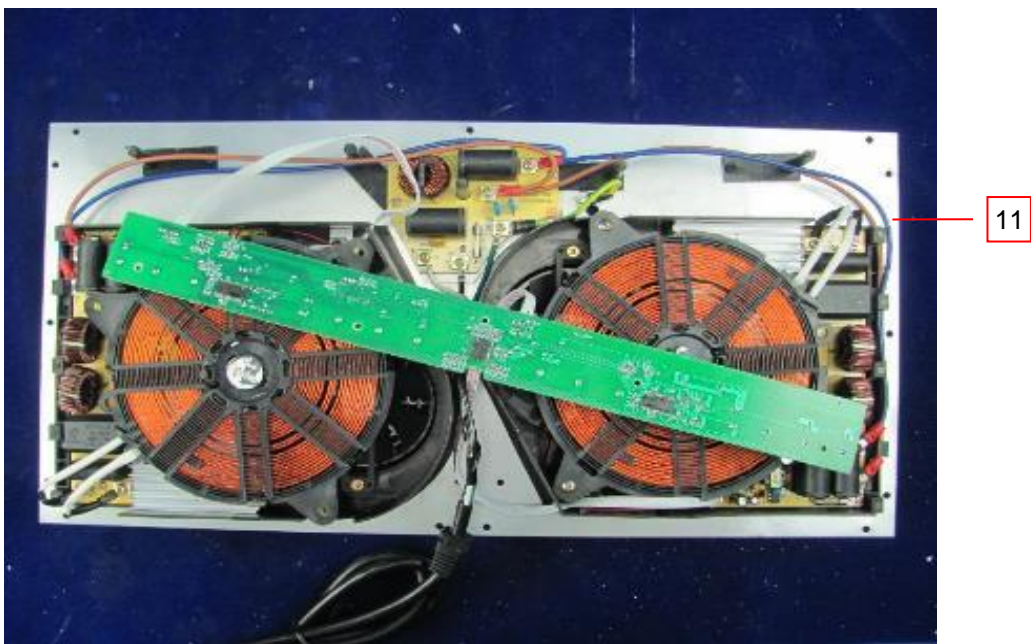


3.0 Product Photographs

Photo 7 - Internal view for models C18E-DDH01, C18E-DEH01.

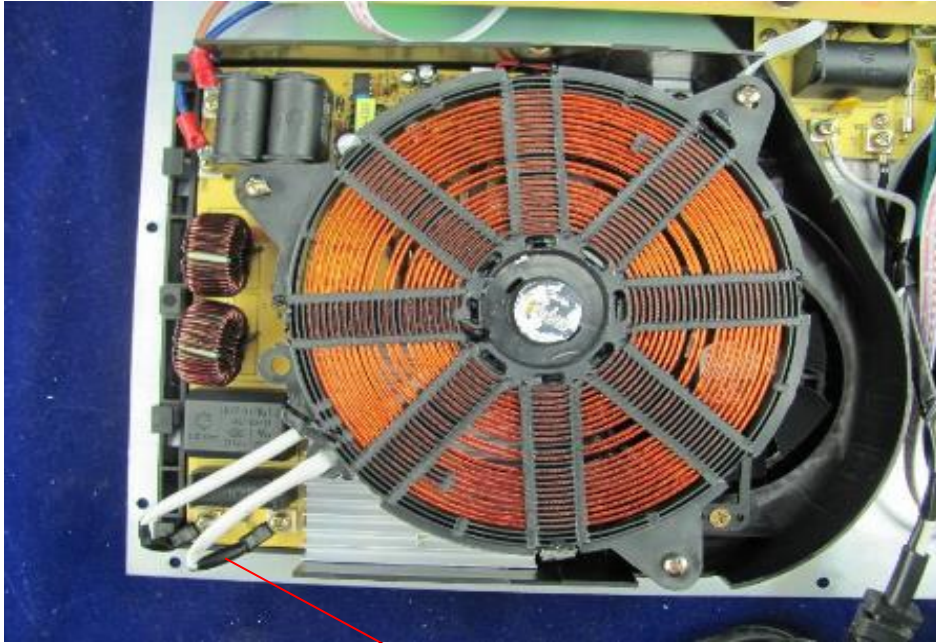


Photo 8 - Internal view for models C18E-DDH01, C18E-DEH01.



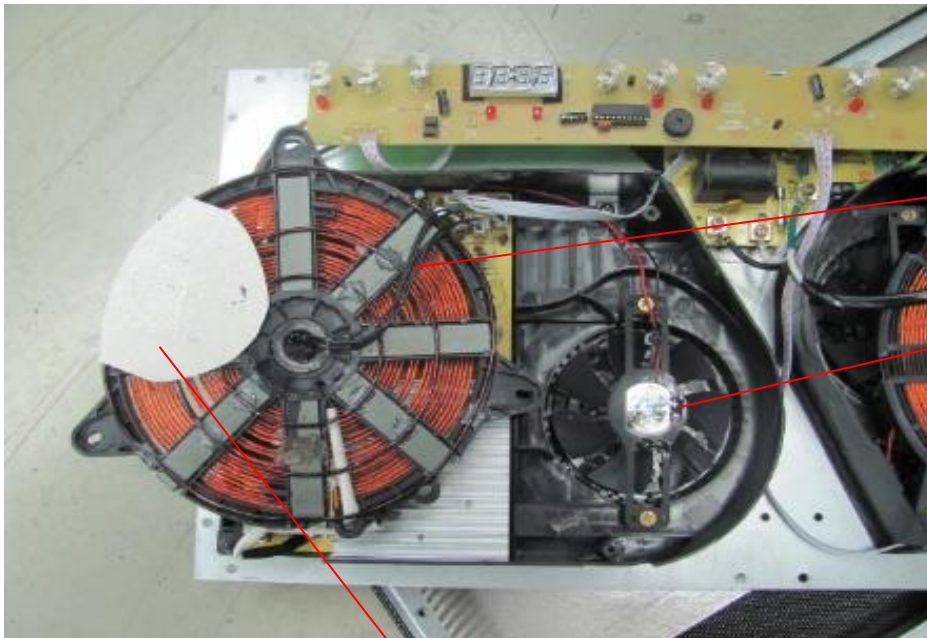
3.0 Product Photographs

Photo 9 - Internal view for models C18E-DDH01, C18E-DEH01.



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Photo 10 - Internal view for models C18E-DDH01, C18E-DEH01.



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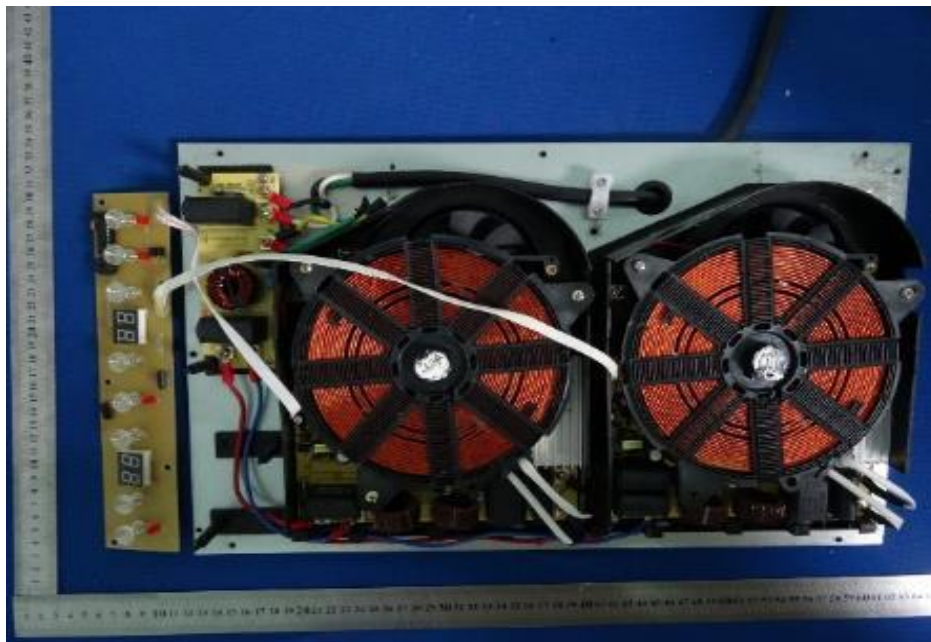
3.0 Product Photographs

Photo 11 - Internal view for models C18E-DDS01, C18E-DES01.



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Photo 12 - Internal view for models C18E-DDS01, C18E-DES01.



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Photo 13 - Internal view for models C18E-DDS01, C18E-DES01.

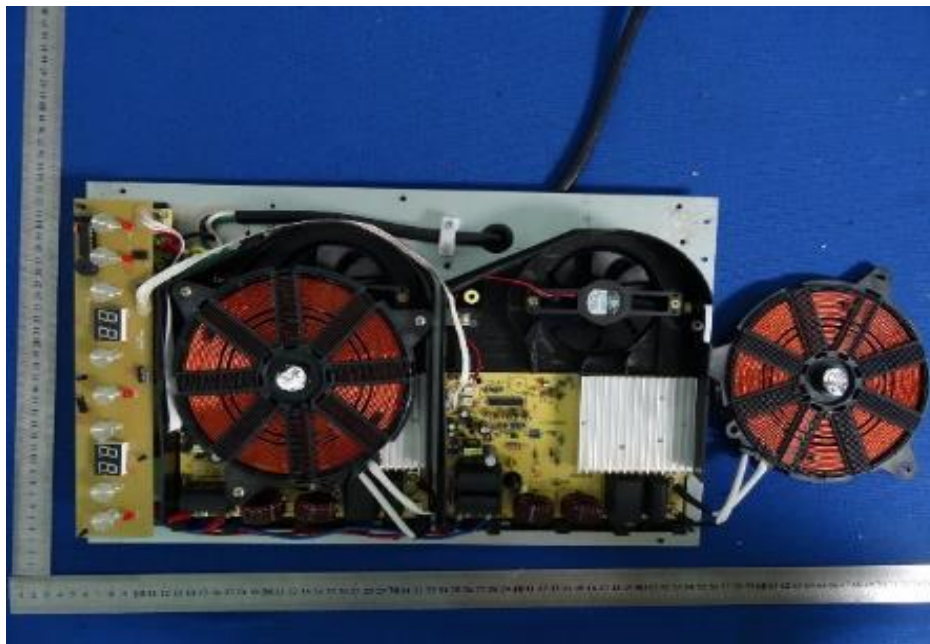


Photo 14 - Thermal link & NTC view



3.0 Product Photographs

Photo 15 - Back of glass cover view

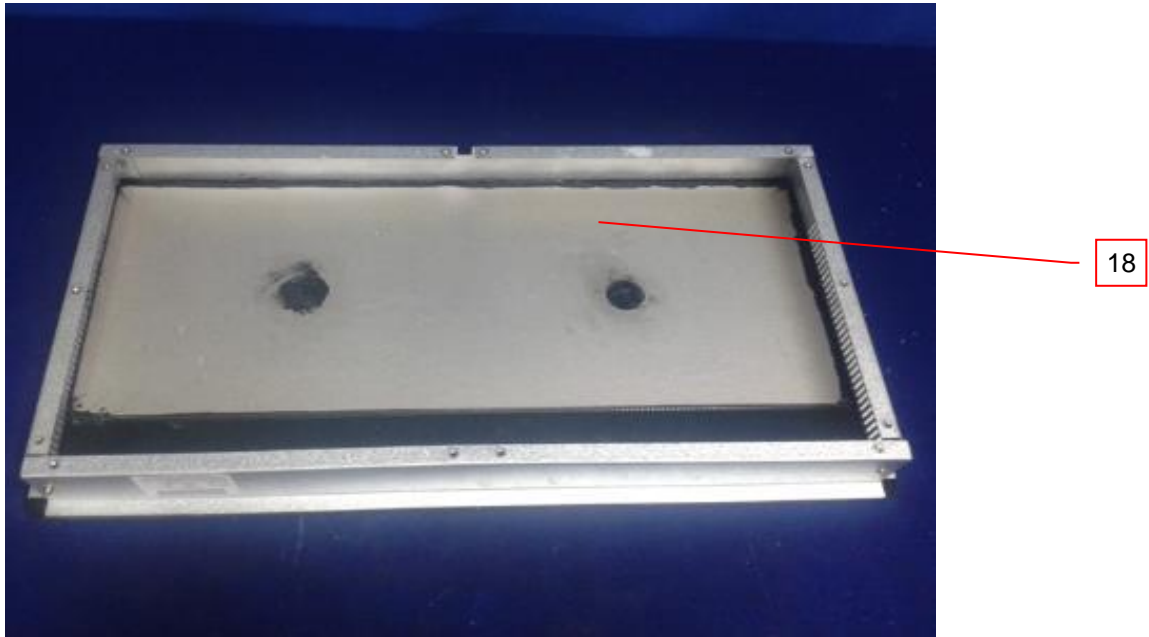
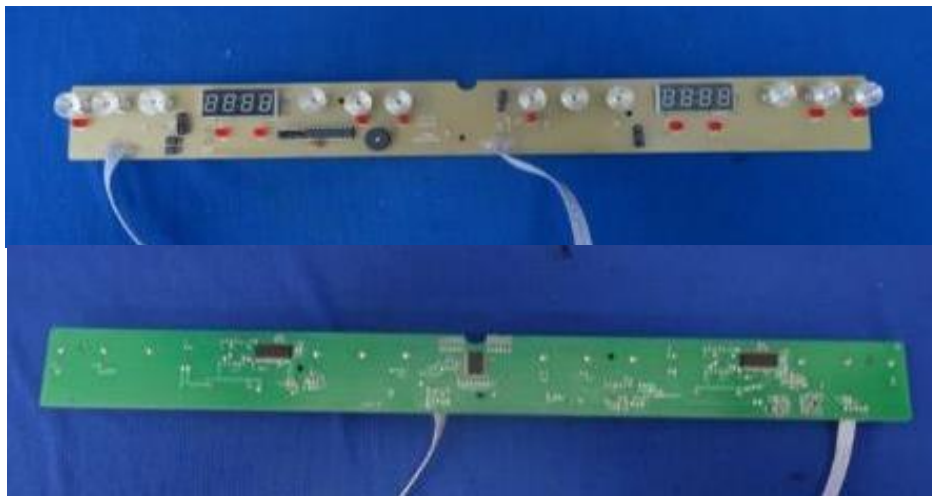


Photo 16 - Control PWB view for model C18E-DDH01.



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Photo 17 - Control PWB view for model C18E-DDS01.

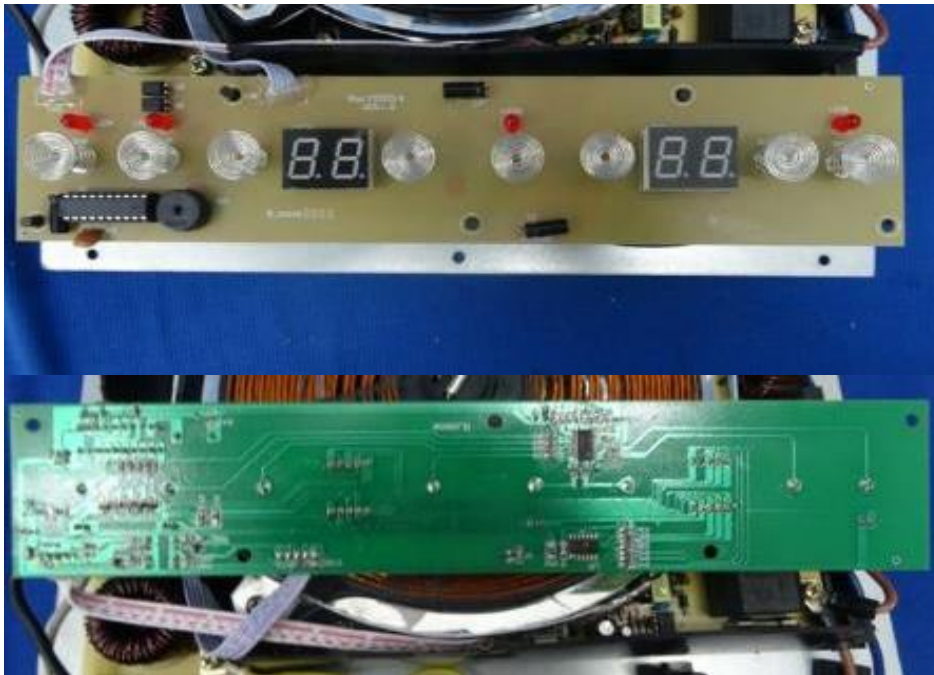
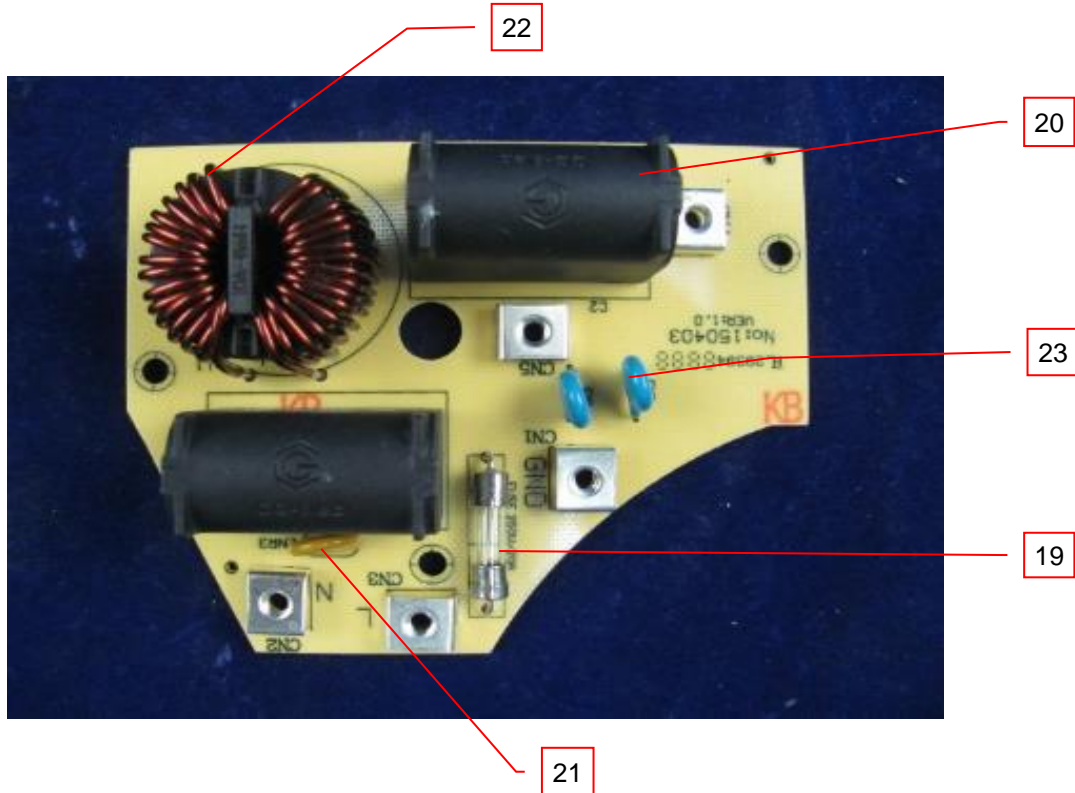


Photo 18 - Filter PWB view - for C18E-DDH01, C18E-DEH01



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Photo 19 - Filter PWB view - for C18E-DDH01, C18E-DEH01

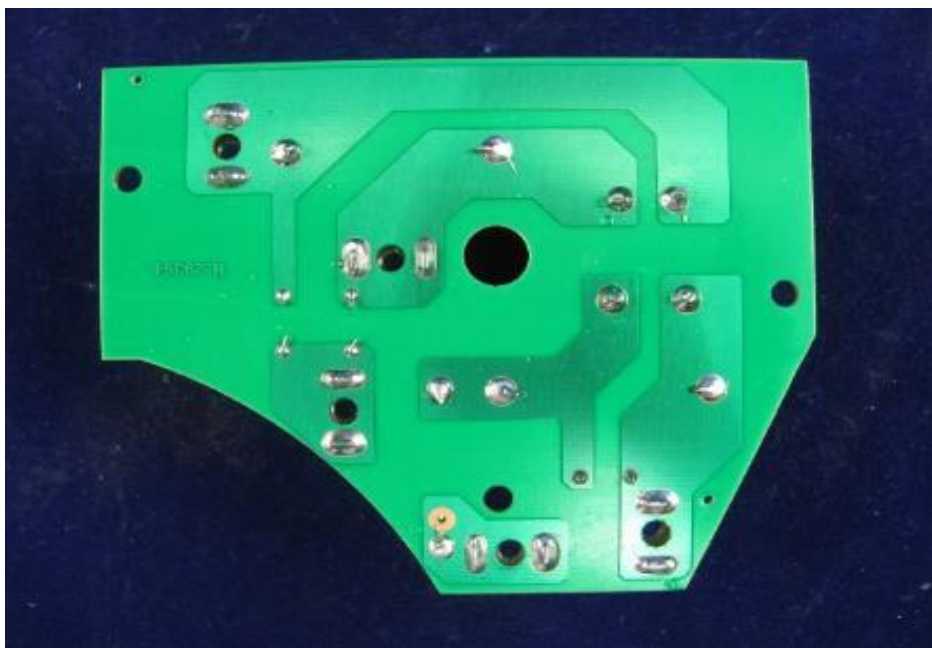


Photo 20 - Filter PWB view - for C18E-DDH02, C18E-DEH02



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Photo 21 - Filter PWB view - for C18E-DDH02, C18E-DEH02

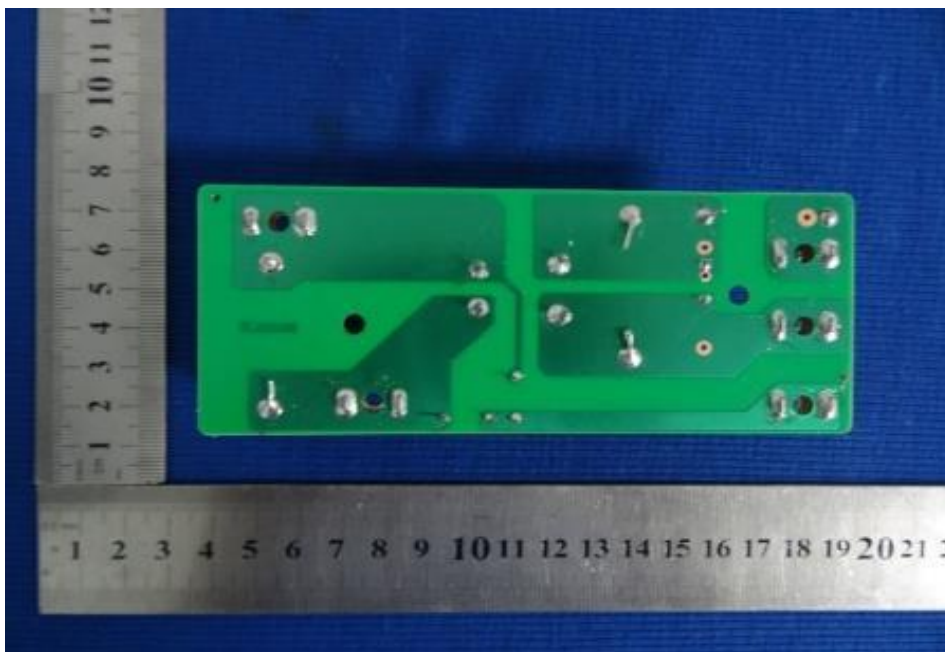
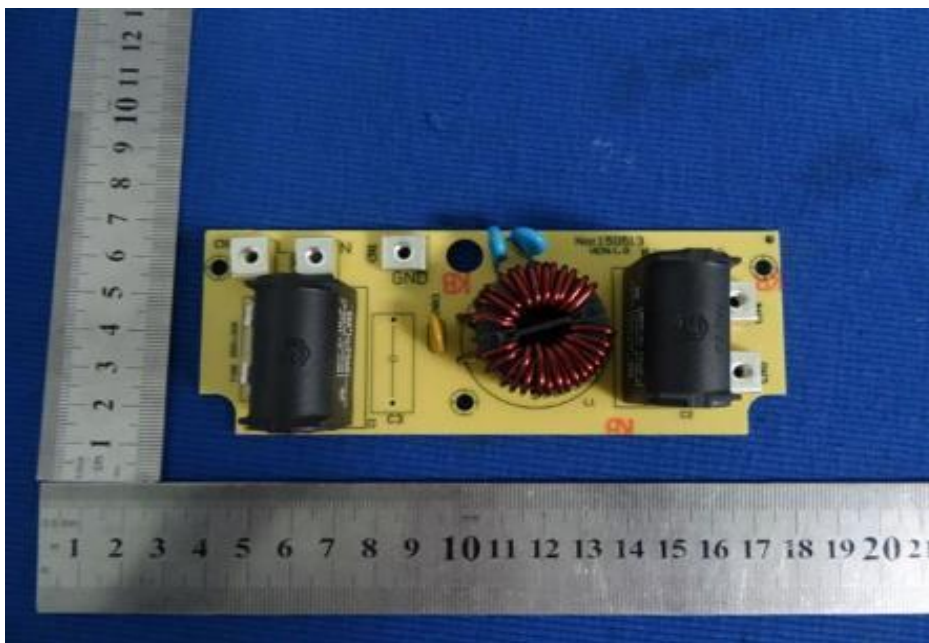


Photo 22 - Filter PWB view - for C18E-DDS01, C18E-DES01



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Photo 23 - Filter PWB view - for C18E-DDS01, C18E-DES01

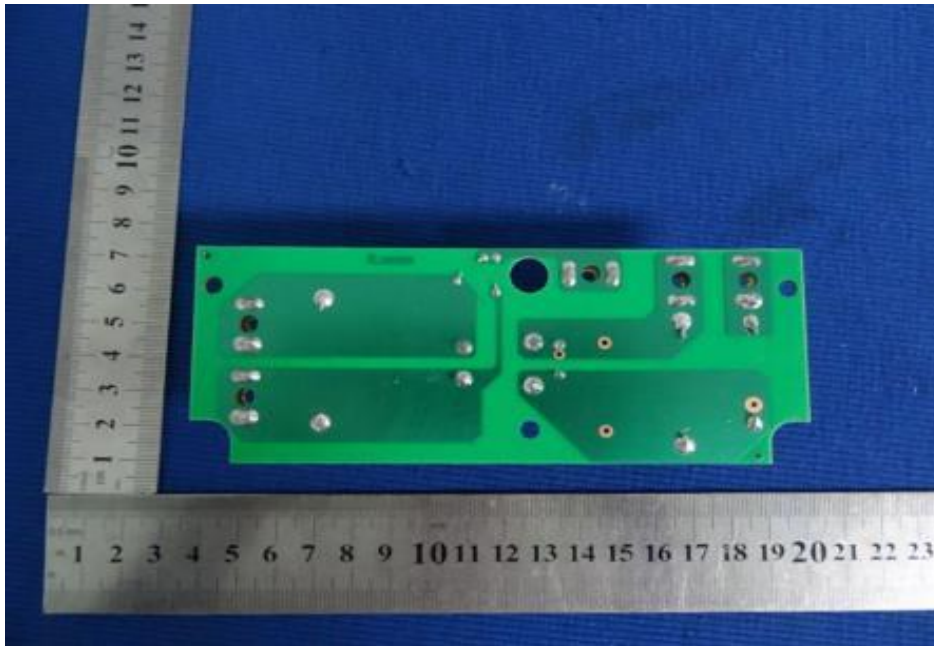
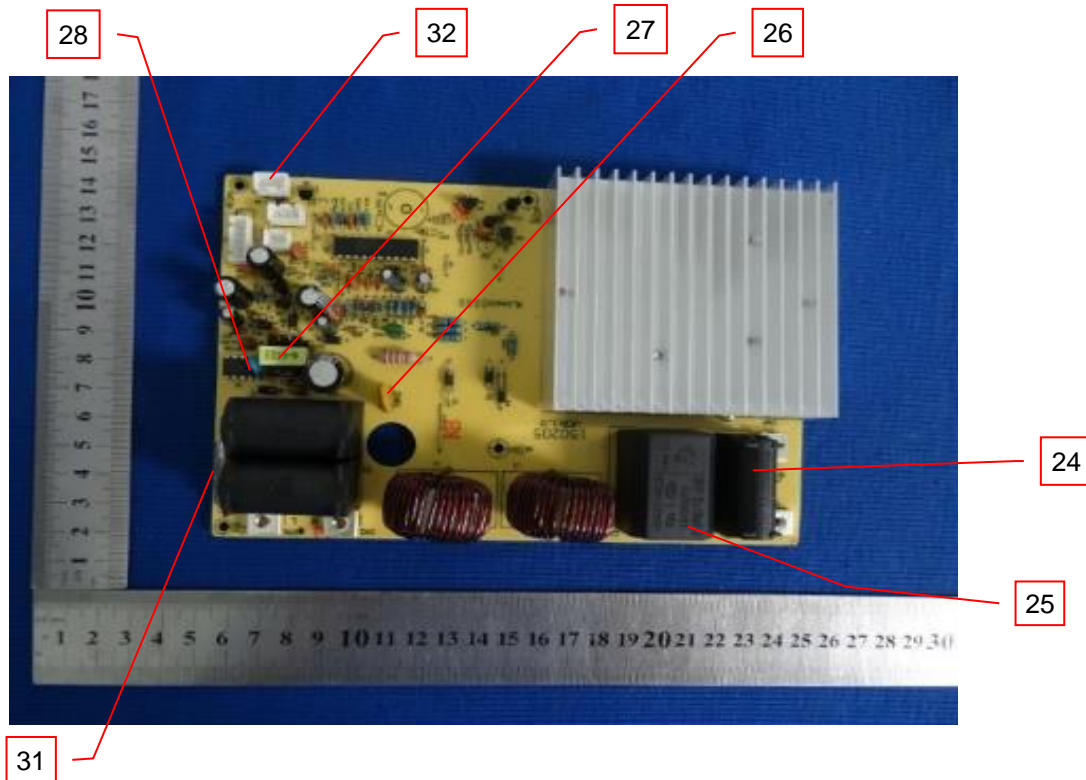


Photo 24 - Power PWB view - for 1800W hotplate



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Photo 25 - Power PWB view - for 1800W hotplate

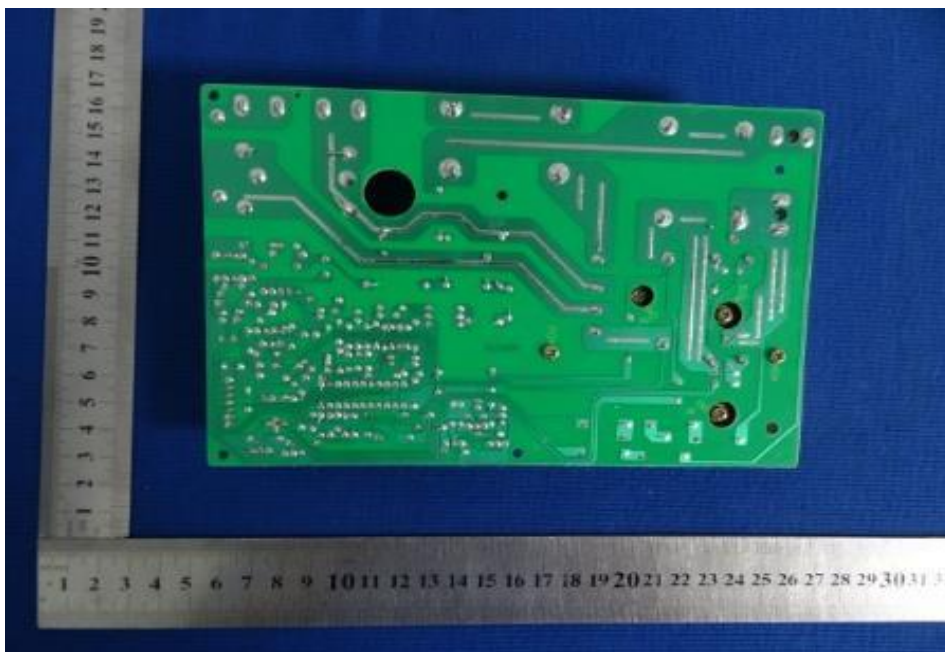


Photo 26 - Power PWB view - for 1300W hotplate



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Photo 27 - Power PWB view - for 1300W hotplate



Photo 28 - Transformer

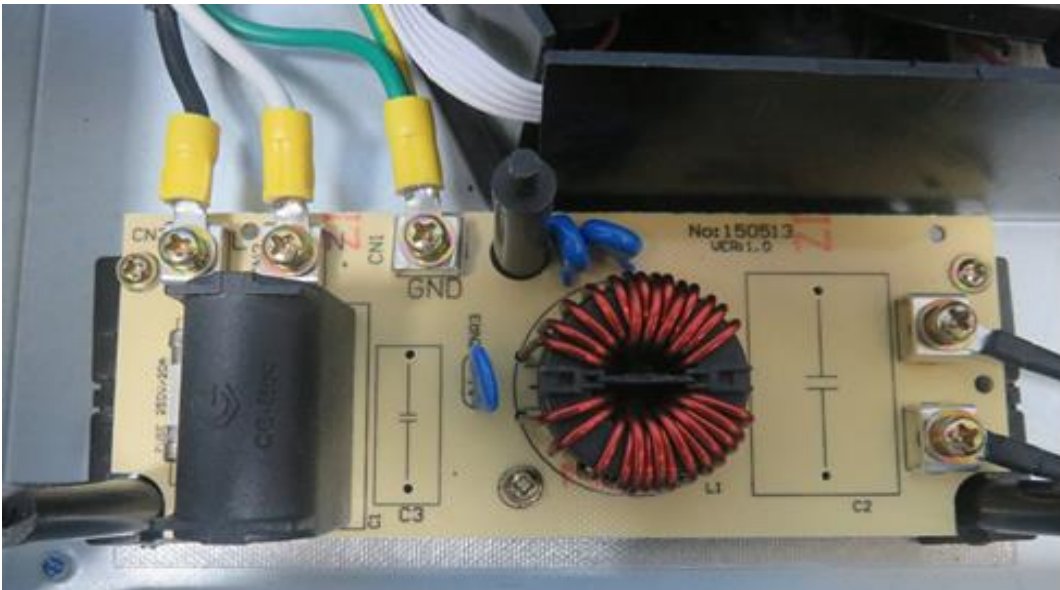


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Photo 29 - Alternative Power PWB view - for 1300W & 1800W hotplate of models C18E-DDS01, C18E-DES01, C18E-DDH02, C18E-DEH02.



Photo 30 - Alternative FILTER BOARD for models C18E-DDS01, C18E-DES01



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Photo 31 - Alternative FILTER BOARD for models C18E-DDH02、C18E-DEH02、MD-2B

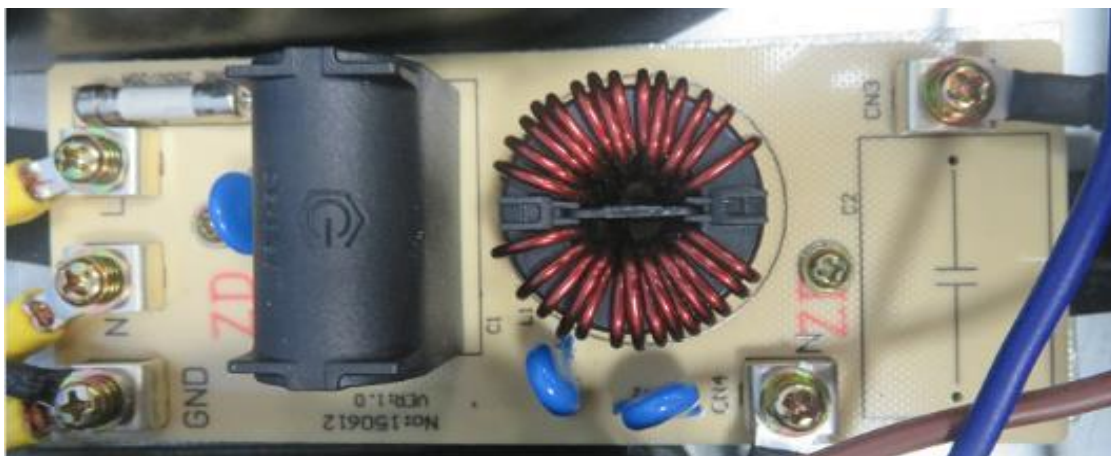
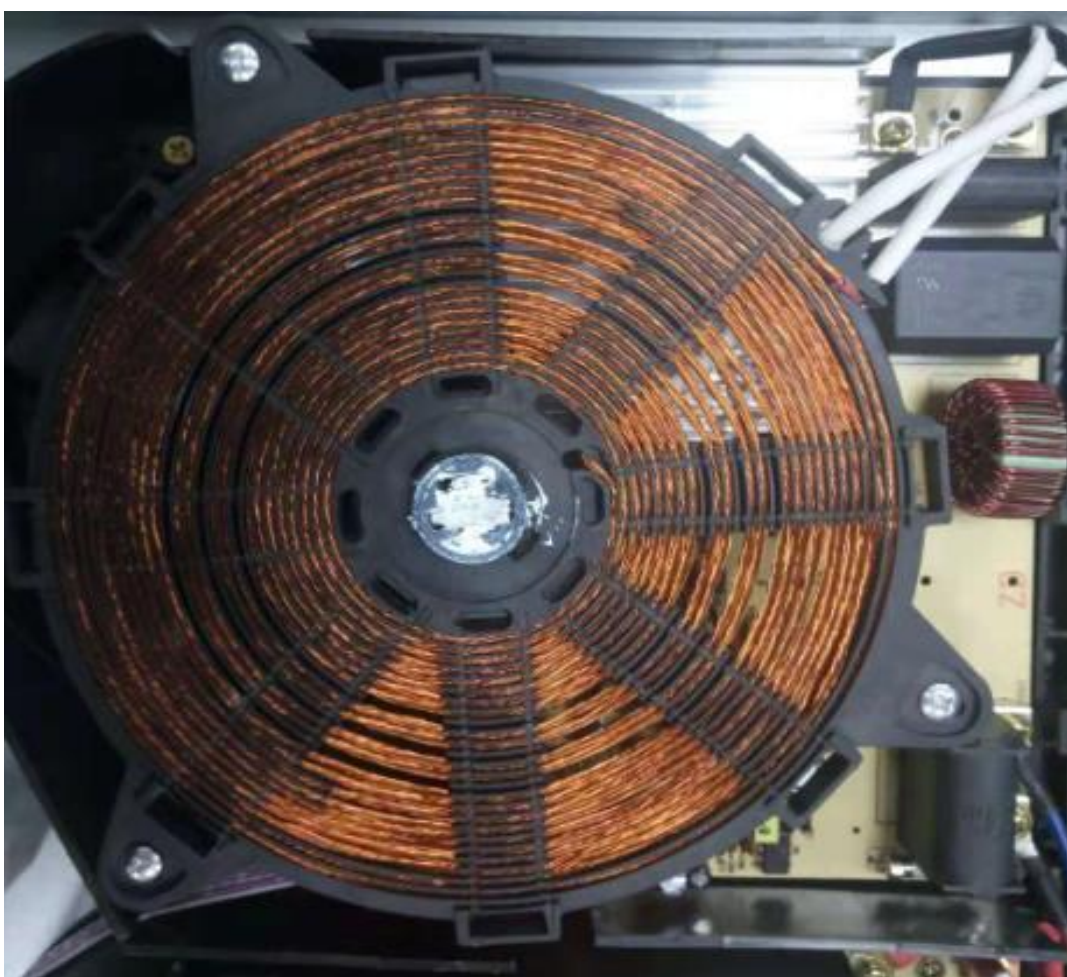


Photo 32 - Alternative Heating Bracket



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Photo 33 - Alternative Heating Bracket



Photo 34 -Internal view for models C18E-DDH02, C18E-DEH02



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Photo 35 - Alternative construction for metal enclosure of model C18E-DDS01, C18E-DES01



Photo 36 - Alternative construction for metal enclosure of models C18E-DDS01, C18E-DES01

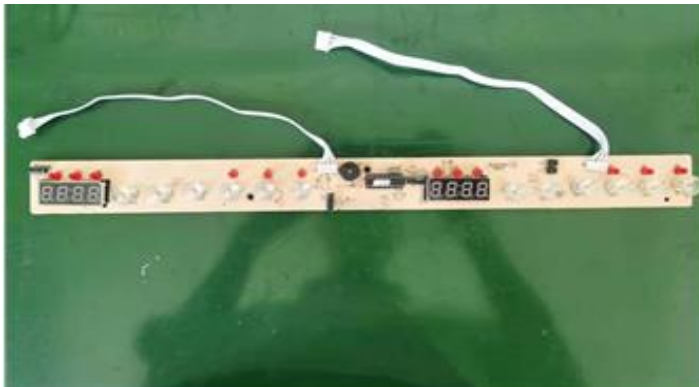


3.0 Product Photographs

Photo 37 - Alternative construction for metal enclosure of models C18E-DDH02, C18E-DEH02



Photo 38 - Control PWB view for model C18E-DEH01.

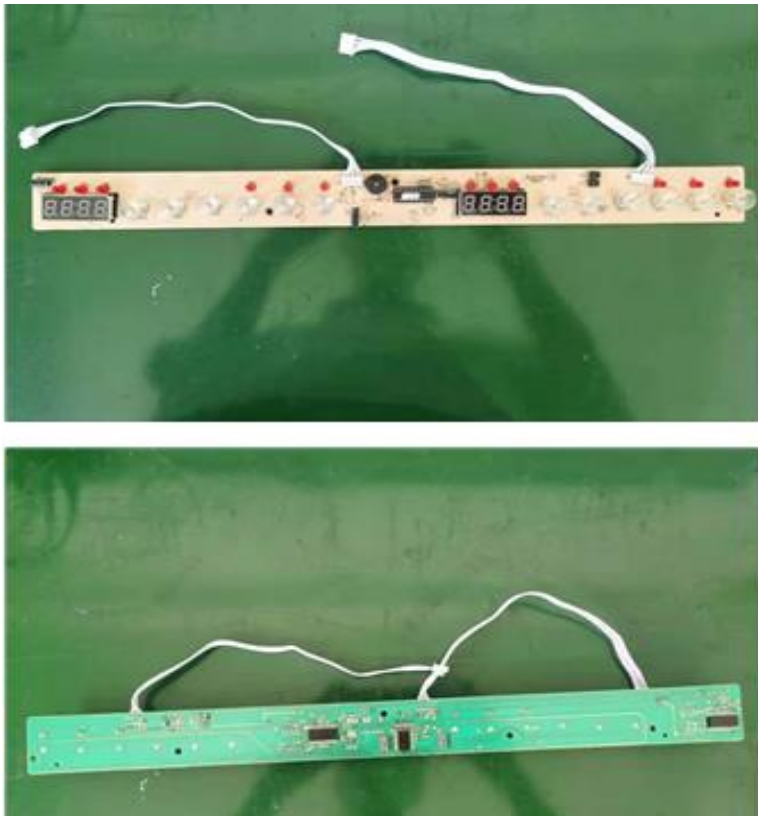


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Photo 39 - Control PWB view for model C18E-DDH02.



Photo 40 - Control PWB view for model C18E-DEH02.



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Photo 41 - Control PWB view for model C18E-DES01.

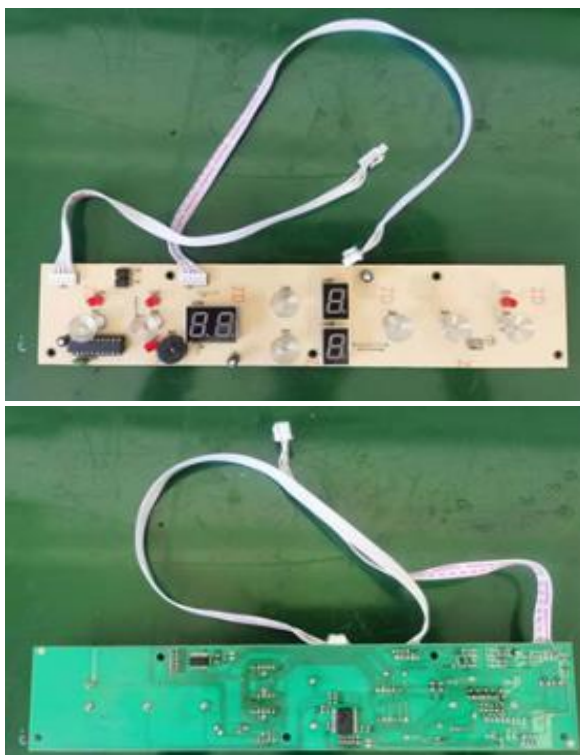
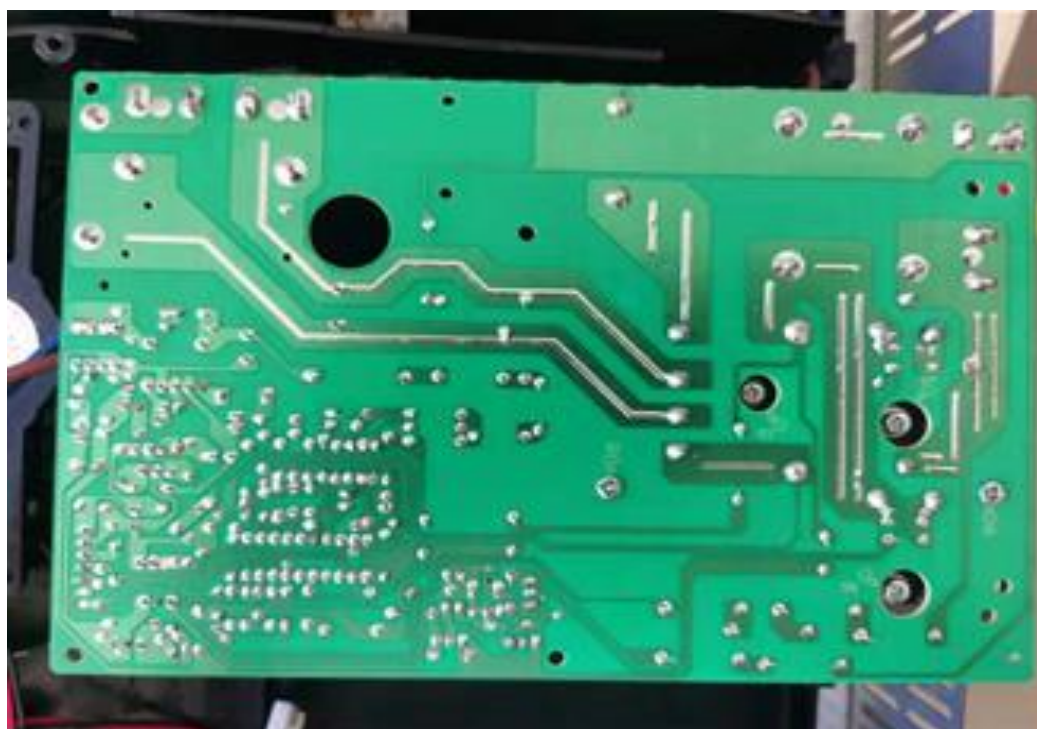


Photo 42 - Alternative Power PWB bottom view - for 1300W & 1800W hotplate of models C18E-DDS01, C18E-DES01, C18E-DDH02, C18E-DEH02.



3.0 Product Photographs

Photo 43 - Alternative FILTER BOARD bottom View for models C18E-DDS01, C18E-DES01



Photo 44 - Alternative FILTER BOARD bottom View for models C18E-DDH02, C18E-DEH02, MD-2B



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	Power cord	Various	SJT	14AWGx3C or 12AWGx3C, rated 300V,105°C, VW-1. Length: 0.6m - 2.1m.	cULus or cETLus
1	2	Plug (Not shown)	Various	Various	NEMA Config. 5-15P, Rated 15A, AC125V.	cULus or cETLus
1	3	Cooking plate	Various	Various	Minicrystal glass, Min. 4 mm thickness. Secured by Silicone Gel of item 3a.	NR
1	3a	Silicone Gel (not shown)	DOW CORNING CORP (E40195)	737	RTV. Rated HB, 105°C, approx 2.0mm thick.	cULus
2	4	Metal enclosure	Cord anchorage 1	Various	Steel with Zn plating, 0.7 - 1.0 mm thickness. Secured by screws.	NR
2	5	Bottom plastic cover	HANWHA TOTAL PETROCHEMICAL CO LTD (E140331)	PP/FB51 (+)	PP, Rated V-0, 130°C, HWI(2), HAI(0), min. thickness: 2.5mm. Secured by screws.	cURus
2	6	Feet	XIAMEN KEID CHEMICAL INDUSTRY&TRADE CO LTD (E213440)	PF/KE3386	PF, Rated V-0, RTI(130, 105, 130), min. thickness: 3.5mm, height: 20.3mm. Secured by screws.	cURus
7	7	Cord anchorage 1	VARIOUS	PVC material	For models C18E-DDH01, C18E-DEH01, C18E-DDH02, C18E-DEH02. Measured 21.7mm long by 16mm wide by 15.4mm high with minimum 2.6mm thick. Snapped in to the bottom enclosure or clipped by cord clamp tightly serving as a strain relief for power supply cord .	cURus
7	8	PWB	KINGBOARD LAMINATES HOLDINGS LTD (E123995)	KB	Rated V-0, min. thickness; 1.6mm, 130°C. Secured by screws.	cURus
			SHANDONG JINBAO ELECTRONICS CO LTD (E141940)	ZD	Rated V-0/V-1, min. thickness; 1.6mm, 130°C.	cURus

4.0 Critical Components						
Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
7	9	Heating assembly	Xuzho kaixing Electric Appliance Co., Ltd	YI-2268BM	Coat Type BC Polyurethane, temperature class 180°C. Measured the induction wire Ø0.29mm,68uH. Provided and beglued by the epoxy on the induction wire support. Consists of items 9a and 9b. Refer to Illustration 8 for detail.	NR
				YI-1968BM	Coat Type BC Polyurethane, temperature class 180°C. Measured the induction wire Ø0.29mm,68uH. Provided and beglued by the epoxy on the induction wire support. Consists of items 9a and 9b. Refer to Illustration 8a for detail.	NR
7	9a	Magnet wire (not shown)	Dong Guan Yida Industrial Co Ltd (E344055)	QZY-2	Temperature class 180°C. Measured the induction wire Ø0.29mm.	cURus
7	9b	Supportor of induction coil (not shown)	KINGFA SCI & TECH CO LTD (E171666)	RG301	PBT material, rated V-0, HWI(2), HAI(3), RTI(130, 125, 140). the overall dimension measured 183mm long by 175mm with 2.4mm thick. Secured by screws.	cURus
7	10	Fiberglass Sleeve induction coil	FOSHAN CITY SHUNDE DISTRICT HOUESHENG INSULATION MATERIAL FTY (E364881)	HDS-01	Φ3,Φ5,Φ7,Φ9,Φ11,All color except clear.	cURus
			HENG HUI CHANG INSULATION MATERIAL CO LTD (E240604)	HHC-03	Φ3,Φ5,Φ7,Φ9,Φ11,All color except clear.	cURus
8	11	Internal wire - power PWB	Various	1015	Any recognized wires. Rated 600 V, 12AWG-14AWG, VW-1, 105°C.	cURus
9	12	Heat-shinkage tube	SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO LTD (E203950)	RSFR-series	600V;125°C, VW-1.	cURus
			GUANGZHOU KAIHENG ENTERPRISE GROUP (E214175)	K-2 (+)	600V;125°C, VW-1.	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
10	13	Fan	FOSHAN TIANXIN ELECTRICAL TECHNOLOGY CO LTD (E468436)	TXWFB85H series TXWFB85M series TXWFB85L series	Rated DC18V, 3200rpm, 0.16A Class A. Secured by screws.	cURus
			Dongguan Ningjie Plastic Moulding Co Ltd (E246505)	NJD9025 series		
10	14	Internal wire - thermal link & NTC	Various	1430	Any recognized wires. rated 300V, 20AWG-22AWG, VW-1, 105°C.	cURus
11	15	Cord anchorage 2	ALBIS PLASTIC GMBH (E80168)	PE/1817 H01	For models C18E-DDS01, C18E-DES01. PE, Rated V-2, RTI(50, 50, 50), Measured 31.5mm long by 10.5mm wide by 19mm high. Secured by screws.	cURus
14	16	Thermal link	ZHONGSHAN SHENG PING THERMAL PROTECTORS CO LTD (E225340)	SPF165	Rated AC250V, 10A, Tf: 167°C. Located between glass cover and induction supportor.	cURus
			ZHANGZHOU AUPO ELECTRONICS CO LTD(E71747)	BF172	Rated AC250V, 10A, Tf: 167°C.	cURus
			DONGGUAN BETTER ELECTRONICS TECHNOLOGY CO LTD (E346843)	BTT010172	Rated AC250V, 10A, Tf: 167°C.	cURus
14	17	NTC	SHENZHEN KEPENDA ELECTRONIC CO LTD (E256966)	MF58-104-399	Thermistor, Vmax=5Vdc, 200°C. Rated function temperature 165°C. Resistance at 25°C measured 100kΩ. Located between glass cover and induction supportor.	cURus
10, 15	18	Mica sheet	Various	Various	Mica sheet, rated V-0. Measured min 0.3mm thick	cURus

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Photo #	Item no. ¹	Name	Manufacturer/ trademark ²	Type / model ²	Technical data and securement means	Mark(s) of conformity ³
18	19	Fuse on filter PWB	DONGGUAN BETTER ELECTRONICS TECHNOLOGY CO LTD (E300003)	524	Rated 250V, 20A. Soldered on filter PWB.	cURus
			DONGGUAN HONGDA ELECTRONIC TECHNOLOGY CO LTD (E318938)	52TP	Rated 250V, 20A.	cURus
18	20	X2 capacitor on filter PWB	Foshan Shunde Chuang Ge Electronic Industrial Co., Ltd. (E308832)	MKP-X2	Rated AC250V, 40/105/21, 10uF. Soldered on filter PWB.	cURus
			GUANGDONG FENGMING ELECTRONIC TECH CO LTD (E345487)	MKP-X2	Rated AC275V, 40/105/21, 10uF.	cURus
18	21	Varistor on filter PWB	Centra Science Corp. (E316325)	CNR-10D241K	Rated DC240V, T85. Soldered on filter PWB.	cURus
			Thinking Electronic Industrial Co., Ltd. (E314979)	TVR10241K	Rated DC240V, T85.	cURus
18	22	Inductor magnetic wire	Dong Guan Yida Industrial Co.,Ltd (E344055)	QZY-2	Rated 2.0mH, Ø1.6.temperature class 180°C. Soldered on power PWB.	cURus
18	23	Y capacitor	JYH HSU (JEC) ELECTRONICS LTD (E356696)	JY-472K/M	CY1,CY2. Rated AC300V, 4700pF, 125°C. Soldered on filter PWB.	cURus
			DONG GUAN CITY JIANKUN ELECTRONICS TECHNOLOGY CO LTD (E340699)	JK-472K/M	CY1,CY2. Rated AC300V, 4700pF, 85°C. Soldered on filter PWB.	cURus
			GUANGDONG JURCC ELECTRONICES CO LTD	JT332K/M	CY1,CY2. Rated AC400V, 3300pF, 85°C. Soldered on filter PWB. (only for models C18E-DDS01, C18E-DES01, C18E-DDH02, C18E-DEH02, MD-2B, SINC2B120.	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
24	24	Capacitor on power PWB	Foshan shunde chuang Ge electronic industrial co.,Ltd (E228621)	MKPH	C3. Rated 1200VDC, T105, 0.27uF. Soldered on power PWB.	cURus
			Guangdong Fengming Electronic Tech. Co., Ltd. (E215893)	MKPH	C3. Rated 1200VDC, T105, 0.27uF.	cURus
24	25	X Capacitor on power PWB	Foshan Shunde Chuang Ge Electronic Industrial Co., Ltd. (E308832)	MKP-X2	C1, C2. Rated AC250V, 40/105/21, 10uF. Soldered on filter PWB.	cURus
			GUANGDONG FENGMING ELECTRONIC TECH CO LTD (E345487)	MKP-X2	C1, C2. Rated AC275V, 40/105/21, 10uF.	cURus
24	26	Varistor on power PWB	Centra Science Corp. (E316325)	CNR-10D241K	ZNR1. Rated DC240V, T85. Soldered on filter PWB.	cURus
			Thinking Electronic Industrial Co., Ltd. (E314979)	TVR10241K	ZNR1. Rated DC240V, T85.	cURus
24	27	Switching transformer on power PWB	Foshan Taili Electronic Co., Ltd	EE13-9	Rated input: 120V, Output: 18VDC / 0.5A, 5VDC/0.2A, -2.8VDC/0.05A, Class A. Soldered on power PWB. The component of item 27a, 27b, 27c used.	NR
24	27a	Bobbin of transformer (Not shown)	CHANG CHUN PLASTICS CO LTD (E59481)	EC-20GV	Rated V-0, min. thickness: 1.6mm, RTI(130, 130, 130).	cURus
24	27b	Windings of transformer (Not shown)	SHENZHEN CHENGWEI INDUSTRY CO LTD (E227475)	2UEW-B	Base coat Polyurethane. Rated 130°C.	cURus
24	27c	Tape of transformer (Not shown)	JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD (E165111)	CT-280B	PET films with acrylic adhesive insulating tape, 130°C.	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
24	28	Y capacitor on power PWB	JYH HSU (JEC) ELECTRONICS LTD (E356696)	JY-471K	C32. Rated AC300V, 470pF, 125°C. Soldered on filter PWB.	cURus
			DONG GUAN CITY JIANKUN ELECTRONICS TECHNOLOGY CO LTD (E340699)	JK-471K	C32. Rated AC300V, 470pF, 85°C. Soldered on filter PWB.	cURus
22	29	Rectifier on power PWB (Not shown)	Ruler Electronic Company Ltd (E303851)	D25XB80	DB1. Rated 800V,25A. Soldered on PWB.	cURus
			SHINDENGEN ELECTRIC MFG CO LTD (E142422)	D25XB80	DB1. Rated 800V,25A.	cURus
			SHINDENGEN ELECTRIC MFG CO LTD (E142422)	D15JEB80V	DB1. Rated 800V,15A.	cURus
			Ruler Electronic Company Ltd (E303851)	D15XB80	DB1. Rated 800V,15A.	cURus
22	30	IGBT on power PWB (not shown)	VARIOUS	IHW20N1201	Q1, Q10. Rated Vcbs=1200V, Icb=20A, Tj=175°C. Soldered on PWB and pressed on an aluminum heat sink firmly by one screw.	cURus
				IHW20N1202	Q1, Q10. Rated Vcbs=1200V, Icb=20A, Tj=175°C.	cURus
				IHW20N1203	Q1, Q10. Rated Vcbs=1200V, Icb=20A, Tj=175°C.	cURus
				IHW25N1201	Q1, Q10. Rated Vcbs=1200V, Icb=25A, Tj=175°C.	cURus
				IHW25N1202	Q1, Q10. Rated Vcbs=1200V, Icb=25A, Tj=175°C.	cURus
				IHW25N1203	Q1, Q10. Rated Vcbs=1200V, Icb=30A, Tj=175°C.	cURus
				IHW30N1201	Q1, Q10. Rated Vcbs=1200V, Icb=30A, Tj=175°C.	cURus
				IHW30N1202	Q1, Q10. Rated Vcbs=1200V, Icb=30A, Tj=175°C.	cURus
			IHW30N1203	Q1, Q10. Rated Vcbs=1200V, Icb=30A, Tj=175°C.	cURus	
			Infineon	IHW20N120R5	Q1, Q10. Rated Vcbs=1200V, Icb=20A, Tj=175°C.	NR
				IHW20N135R5	Q1, Q10. Rated Vcbs=1350V, Icb=20A, Tj=175°C.	NR
				IHW30N120R5	Q1, Q10. Rated Vcbs=1200V, Icb=30A, Tj=175°C.	NR
IHW30N135R5	Q1, Q10. Rated Vcbs=1350V, Icb=30A, Tj=175°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
			TOSHIBA	GT40QR21	Q1, Q10. Rated V _{cs} =1200V, I _{cb} =40A, T _j =175°C.	NR
				GT40RR21	Q1, Q10. Rated V _{cs} =1350V, I _{cb} =40A, T _j =175°C.	NR
24	31	Fuse on power PWB	DONGGUAN BETTER ELECTRONICS TECHNOLOGY CO LTD (E300003)	524	Rated 250V, 20A. Soldered on power PWB.	cURus
			DONGGUAN HONGDA ELECTRONIC TECHNOLOGY CO LTD (E318938)	52TP	Rated 250V, 20A.	cURus
24	32	Quick connector	DONGGUAN JIAN HUI METAL & PLASTIC PARTS CO LTD (E228359)	JE2 series	For connecting power PCB and control PCB, power PCB and fan, power PCB and NTC.	cURus
			ZHEJIANG HONGXING ELECTRICAL CO LTD (E228500)	HX series	For connecting power PCB and control PCB, power PCB and fan, power PCB and NTC.	cURus
22	33	Cable tie (not shown)	SHENZHEN HONGYU ELECTRICAL CO LTD (E314657)	HY-60MS	Rated V-2, 85°C.	cURus
				HY-90M		
			DONGGUAN BOLING PLASTIC CO LTD (E468924)	BL80MP	Rated V-2, 85°C.	cURus
				BL100MP		
DONGGUAN GINO PLASTIC PRODUCTS CO LTD (E335092)	BW80MP	Rated V-2, 85°C.	cURus			
	BW100MP					
2	34	Label (not shown)	Various	Various	Rated 100°C. Adhered to enclosure by adhesive.	cURus

NOTES:

- Not all item numbers are indicated (called out) in the photos, as their location is obvious.
- "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.
- Indicates specific marks to be verified, which assures the agreed level of surveillance for the component. "NR" - indicates Unlisted and only visual examination is necessary. "See 5.0" indicates Unlisted components or assemblies to be evaluated periodically refer to section 5.0 for details.

5.0 Critical Unlisted CEC Components

No Unlisted CEC components are used in this report.

6.0 Critical Features

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

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

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

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

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

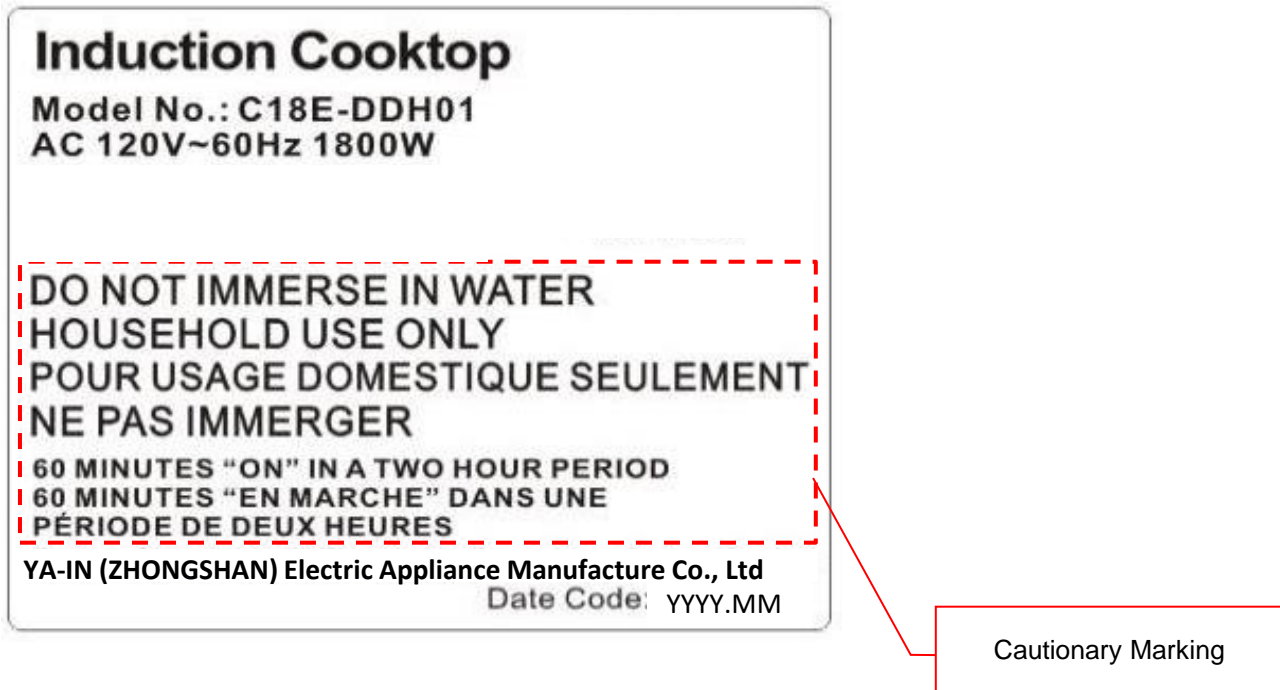
1. Spacing - In primary circuits, 3.2 mm minimum spacing are maintained through air and over surfaces of insulating material between current-carrying parts of opposite polarity and 3.2 mm minimum between such current-carrying parts and dead-metal parts or low voltage isolated circuits.
2. Mechanical 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 metallic enclosure constructed with no openings other than those specifically described in Sections 4 and 5.
5. Grounding - All exposed dead-metal parts and all dead-metal parts within the enclosure that are exposed are connected to the grounding lead of the power supply cord or the equipment grounding terminal.
6. 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. Detail information refer to item 10, 11, 15 of Section 4.0.
7. Schematics - Refer to Illustration 9, 9a and 9b,10-13 for schematics requiring verification during Field Representative Inspection Audits.
8. Markings - The product is marked on a labeling system as described in item no. 34 of Section 4.0 as follows:
 - applicant's name
 - model number
 - date of manufacturer
 - electrical ratingsRefer to Illustration 1, 1a, 1b ,1c for layouts.
9. Cautionary Markings - Cautionary marking is required:
Refer to Illustration 1, 1a, 1b, 1c and 2 for layouts.
10. Installation, Operating and Safety Instructions - Instructions for installation and use of this product are provided by the manufacturer.
Refer to Illustration No. 4, 4a thru 4f for instruction of C18E-DDH01 as representative, the instruction of other models have been also checked but not pasted here. It is the responsibility of the Applicant to determine any such requirement and provide bilingual markings, where applicable, in accordance with the Provincial Regulatory Authorities.

6.0 Critical Features

11. Carton - A carton for the product shall be marked with "Household Use Only" or the equivalent. The marking shall:
- a) Be located on at least one outside surface, and
 - b) Appear in lettering not less than the height specified as below:
- | Smallest dimension (mm) | Minimum height of lettering in inches (mm) |
|--|--|
| The dimension of the carton panel (mm) | |
| 0~152 | 3.2 |
| 152~254 | 4.8 |
| more than 254 | 6.4 |
- Refer to Illustration 3
12. Transformer - Supplier records must be provided that indicate the received shipment of transformers (section 4.0, item 27) was constructed as indicated in illustration 14. these records must be available at the factory for inspection on every received shipment.

7.0 Illustrations

Illustration 1 - Marking & Cautionary Marking

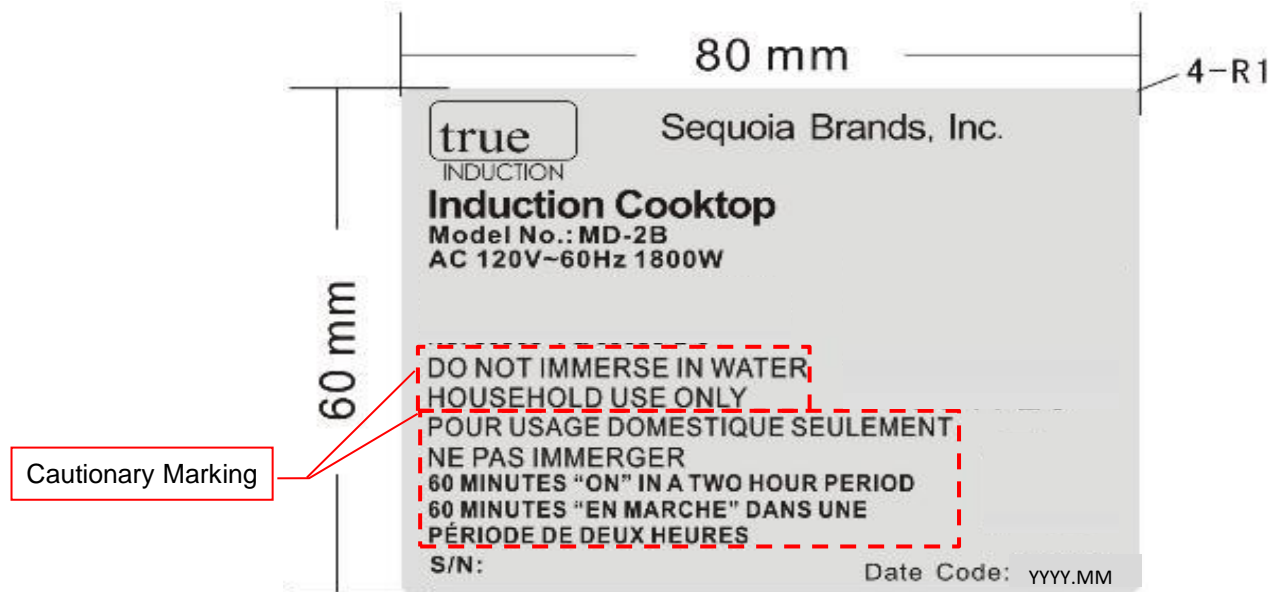


Remarks:

1. The cETLus Certification Mark and Control Number must be included in the above Rating Plate.
2. Standard(s) writing: Conforms to UL STD.1026 and Certified to CSA STD. C22.2 No.60335-1 & 60335-2-9 must be included in the above Rating Plate.
3. 4001726 for YA-IN (ZHONGSHAN) Electric Appliance Manufacture Co., Ltd.
2. Cautionary Wording should not be less than 2.4mm in height.
3. Optional Models:C18E-DEH01, C18E-DDS01, C18E-DES01, C18E-DDH02, C18E-DEH02, SINC2B120, MD-2B.
4. Date Code: YYYY.MM "YYYY" means year and "MM" means month of the manufacturing.

7.0 Illustrations

Illustration 1a - Marking & Cautionary Marking for ML1

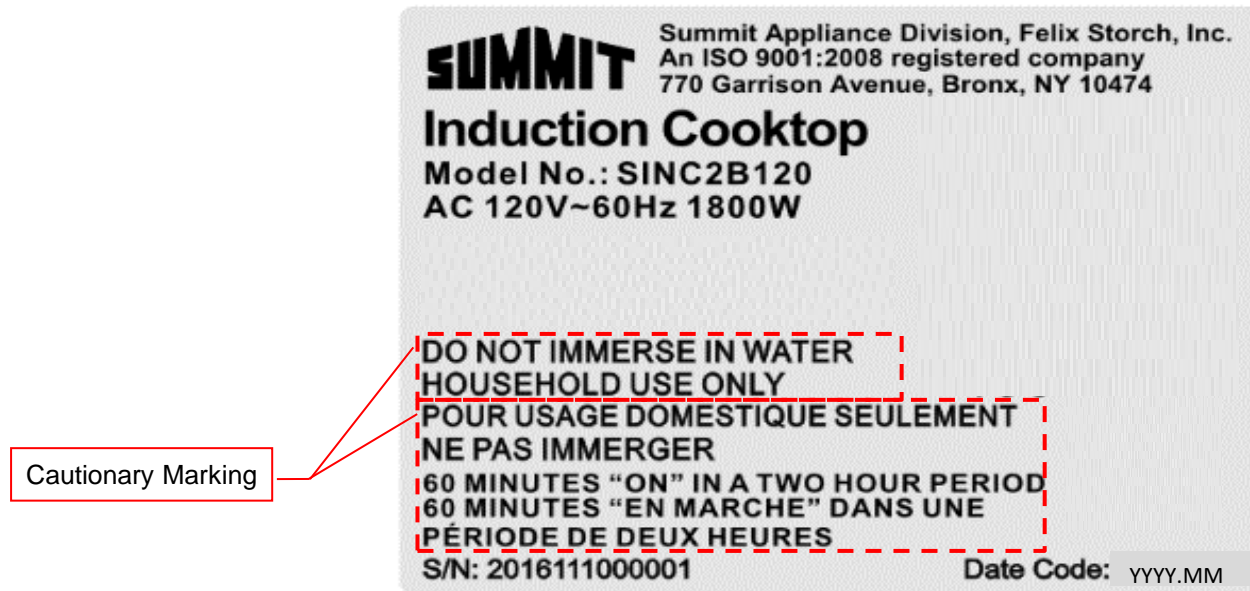


Remarks:

1. The ETL logo should be legible and proportional.
2. Cautionary Wording should not be less than 2.4mm in height.
3. Date Code: YYYY.MM "YYYY" means year and "MM" means month of the manufacturing.

7.0 Illustrations

Illustration 1b - Marking & Cautionary Marking for ML 2

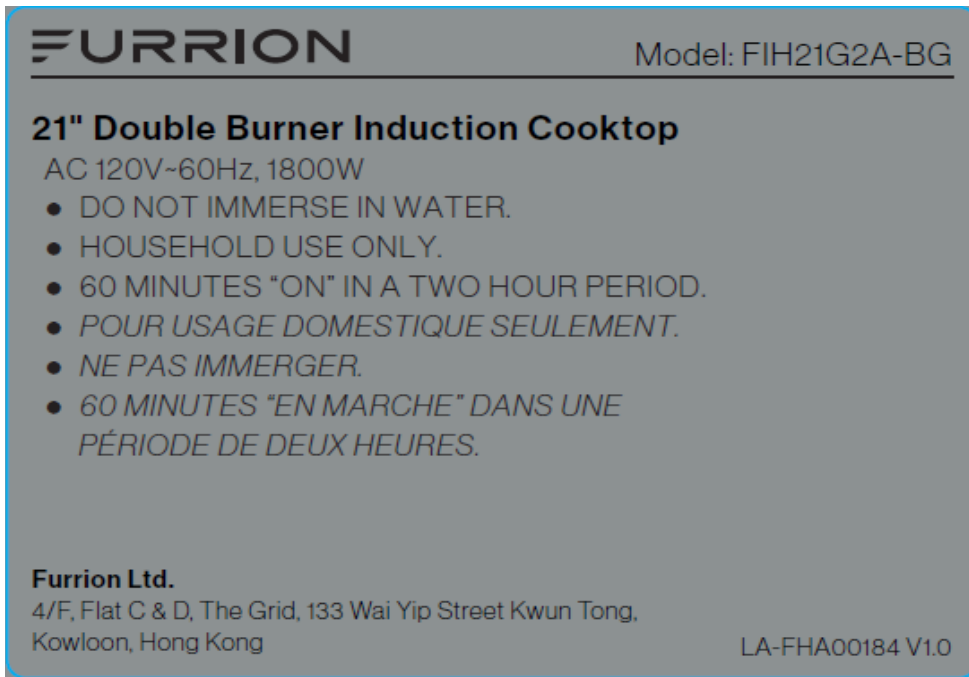


Remarks:

1. The ETL logo should be legible and proportional.
2. Cautionary Wording should not be less than 2.4mm in height.
3. Date Code: YYYY.MM "YYYY" means year and "MM" means month of the manufacturing.

7.0 Illustrations

Illustration 1c - Marking & Cautionary Marking for ML 3



Remarks:

1. The ETL logo should be legible and proportional.
2. Cautionary Wording should not be less than 2.4mm in height.
3. Date Code: XXXXXXXXXXXMMYYXXXXX
"MM" means month and "YY" means year of the manufacturing, labelled on appliance enclosure.

7.0 Illustrations

Illustration 2 - Cautionary Marking

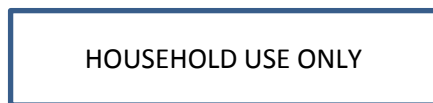
Below marking pasted

- a) A short power-supply cord (or detachable power-supply cord) should be used to reduce the risk resulting from becoming entangled in or tripping over a longer cord.
- b) Longer detachable power-supply cords or extension cords are available and may be used if care is exercised in their use.
- c) If a longer detachable power-supply cord or extension cord is used:
- 1) The marked electrical rating of the cord set or extension cord should be at least as great as the electrical rating of the appliance; and
 - 2) The cord should be arranged so that it will not drape over the countertop or tabletop where it can be pulled on by children or tripped over unintentionally.
- If the appliance is of the grounded type, the extension cord should be a grounding-type 3-wire cord.
- a) Un cordon d'alimentation électrique court (ou cordon d'alimentation électrique détachable) doit être utilisé afin de réduire les risques d'enchevêtrement ou de trébuchement sur un cordon plus long.
- b) Des cordons d'alimentation détachables plus longs ou des fils de rallonge sont également disponibles et peuvent être utilisés à condition qu'ils soient utilisés avec prudence.
- c) Si un cordon long détachable ou une rallonge est utilisé :
- 1) Les spécifications électriques du cordon ou de la rallonge doivent être au moins de la même valeur que celles de l'appareil ; et
 - 2) Le cordon long doit être rangé de telle façon qu'il ne soit pas étalé sur le comptoir ou sur la table, où il est susceptible d'être tiré par des enfants ou sur lequel on pourrait trébucher par accident.
- Si l'appareil comporte une mise à la terre, la rallonge doit être un cordon à trois fils avec mise à la terre.

Remark: The min. height of lettering shall not be less than 1.6 mm.

7.0 Illustrations

Illustration 3 - Carton Marking



Remark: The min. height of lettering shall not be less than 6.4 mm.

7.0 Illustrations

Illustration 4 - Manual

Double Induction Cooktop C18E-DDH01

Operating Manual



Foshan Shunde YA-IN Electric Appliance Manufacture Co., Ltd

No.8 Longxiao Road, Longyongkou, Ronggui Town, Shunde, Foshan,

Guangdong, China

7.0 Illustrations

Illustration 4a - Manual (Continuous)

IMPORTANT SAFEGUARDS

When using electrical appliances, basic safety precautions should always be followed including the following:

1. Read all instructions.
2. Do not touch hot surfaces. Use handles or knobs.
3. To protect against electrical shock do not immerse cord, plugs in water or other liquid.
4. Close supervision is necessary when any appliance is used by or near children.
5. Unplug from outlet when not in use and before cleaning. Allow to cool before putting on or taking off parts.
6. Do not operate any appliance with a damaged cord or plug or after the appliance malfunctions or has been damaged in any manner. Return appliance to the nearest authorized service facility for examination, repair, or adjustment.
7. The use of accessory attachments not recommended by the appliance manufacturer may cause injuries.
8. Do not use outdoors, household use only.
9. Do not let cord hang over edge of table or counter, or touch hot surfaces.
10. Do not place on or near a hot gas or electric burner, or in a heated oven.
11. Extreme caution must be used when moving an appliance containing hot oil or other hot liquids.
12. Always attach plug to appliance first, then plug cord into the wall outlet. To disconnect, turn any control to "off", then remove plug from wall outlet.
13. Do not use appliance for other than intended use.
14. Do Not Cook on Broken Cook-Top – If cook-top should break, cleaning solutions and spillovers may penetrate the broken cook-top and create a risk of electric shock.
15. Clean Cook-Top with Caution – If a wet sponge or cloth is used to wipe spills on a hot cooking area, be careful to avoid steam burn, some cleaners can produce noxious fumes if applied to a hot surface.
16. Do not place metallic objects such as knives, forks, spoons and lids on the Table Stove since they can get hot.
17. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
18. If the SUPPLY CORD is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified person in order to avoid a hazard.
19. If the surface is cracked, switch off the appliance to avoid the possibility of electric shock.

Save these instructions

Notes:

1. Upper case letters are not less than 2.1mm;
2. Lower case letters are not less than 1.6mm;
3. The letters of "IMPORTANT SAFETY INSTRUCTIONS", "SAVE THESE INSTRUCTIONS", "DANGER", "WARNING" are not less than 4.8mm.

7.0 Illustrations

Illustration 4b - Manual (Continuous)

1. Technical Description

(1) Specification

- a. Rated voltage: AC 120V / 60Hz
- b. Total Rated Power: 1800W; Left: 1800W; Right: 1800W

(2) Function

- a. Power: Left: 8 power levels adjustment; Right: 8 power level adjustment
- b. Temp.: 9 temp. levels adjustment
- c. Timer: 1 minute to 2 hours and 59 minutes countdown timer
- d. Lock

(3) Security Function

- a. Voltage excessively high protection
- b. Voltage low protection
- c. Thunder stroke surge voltage protection
- d. Ultra strong anti-fast pulse group disturbance performance
- e. Pached protection
- f. IGBT ultra heat protection
- g. Sensor abnormality protect
- h. Induction cookware identifying
- i. The unit will shut off automatically without any operate on button in 2 hours
- j. The unusual situation code, sound reports
- k. When the induction cooktop is turned off, the cooling fan will automatically continue working for one (1) minute to eliminate heat built up.

2. Operating Manual

1. **Power:** Upon inserting the power plug into an electric socket, the induction cooktop will make a “beep” sound once, and all the digital lights on the cooktop will flash once, then the indicator light will turn on above the “Lock” key, indicating the unit enters into the standby and lock mode.

7.0 Illustrations

Illustration 4c - Manual (Continuous)

2. **Standby mode:** In the lock mode, press "Lock" key, the unit will make a "beep" sound once and lock light will turn off, indicating the lock has deactivated. The unit is now on standby mode.

3. **Lock mode:**

Activating the Child Safety Lock during cooktop use: Child Lock prevents activation of any sensor key, except for the "ON/OFF" key and the "Lock" key.

Activating the Child Safety Lock when the cooktop is in the standby mode: Child Lock prevents activation of any sensor key, except for the "Lock" key, so you must deactivate the child lock, then press the "ON/OFF" key to turn on the cooktop.

A. Manual: Press the Lock key to activate the function. The unit will make a "beep" sound and the indicator light will turn on above the Lock key. The controls are now locked.

B. Automatic: The induction cooktop will automatically enter into Lock mode if any key is not pressed within 5 minutes. The unit will make a "beep" sound and the indicator light will turn on above the "Lock" key when the automatic Lock mode is activated.

4. **Readiness mode:** While in the standby mode, press the "ON/OFF" key, it will make a "beep" sound once, indicating that the induction cooktop functions are ready to use. The unit will automatically return to standby mode if the Power or Temp. functions are not chosen within 60 seconds.

5. **Turning off unit:** When use of the cooktop is completed, please press the "ON/OFF" key, "ON/OFF" light will turn off, indicating the unit is now on the standby mode. Please do not pull the power plug until the cooling fan has stopped. The display will show "H" if the temperature of the cooking zone is above 140°F.

6. **Select function:**

Place cookware on the cooktop. Please select from the Power Setting or Temperature Setting to begin cooking.

- Power Setting Mode: This function cooks at power (wattage) settings. When the unit is in the Readiness mode, or in the set temperature mode, press the "Function" key to select the "Power" mode. "Power" indicator light is lit up, and the digital display reads "900" watts, indicating that the cooktop has entered power setting mode. If the user wants to adjust the power level, please press the "+" or "-" key to adjust the power setting. If the user wants to set the timer for the unit to shut off automatically, please refer to the Set Timer method. To stop cooking, please press "ON/OFF" key. Heating power level settings:

Level	1	2	3	4	5	6	7	8
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7.0 Illustrations

Illustration 4d - Manual (Continuous)

Rated Power								
Left 1800W	300	500	700	900	1100	1300	1500	1800
Right 1800W	300	500	700	900	1100	1300	1500	1800

Note: This function is equipped with safeguards against the parched protection. The unit might shut off automatically when this function is used for frying, stir-frying, grilling and other high temperature cooking formats.

- Temperature Setting Mode: This function cooks at temperature settings. When the unit is in the Readiness mode, or in the power mode, press the "Function" key to select "Temp." mode. The "Temp" indicator light is lit up and the digital display reads "460" F, indicating that the cooktop has entered the temperature setting mode. If the user wants to adjust the temperature level, please press the "-" or "+" key to adjust the temperature setting. To stop cooking, please press the "ON/OFF" key. Temperature levels: 120°F, 150°F, 180°F, 210°F, 260°F, 300°F, 360°F, 420°F, 460°F.
7. **Set Timer mode:** The automatic timer settings range from 1 minute to 2 hours and 59 minutes. (Note: there is no "seconds" display, only hours and minutes.)

When the unit is in the "Power" mode, press the "Timer" key, the "Timer" indicator light is lit up, indicating the cooktop has entered Set Timer Mode, the digital display reads "00: 00" and hour number flash. Press "+" or "-" key to set the hour desired number, then press the "Timer" key again, minute number will flash, press "+" or "-" key to set the minutes desired number, then press the "Timer" key a third time to finish setting the timer. Once activated, the digital display will alternate between showing the remaining cooking time and power level. When the countdown is complete, the cooktop will shut off automatically.

3. Security Function

1. Sensor unusual:

Should the cooktop malfunction while operating, the heating element will shut off immediately, and various warning alerts will issue, even while in standby mode

- (1) IGBT sensor (NTC1) breaks off: the digital display reads "E7", it sounds a warning of four long and five short tones until the fault is clear.
- (2) IGBT sensor (NTC1) short circuit: the digital display reads "E8", it sounds a warning of four long and four short tones until the fault is clear.

7.0 Illustrations

Illustration 4e - Manual (Continuous)

(3) Sensor of the bottom of pan (NTC2) breaks off: the digital display reads "E9", it sounds a warning of three long and five short tones until the fault is clear;

(4) Pan bottom sensor (NTC2) short circuit: the digital display reads "0F", it sounds a warning of three long and four short tones until the fault is clear;

2. Inappropriate Cookware:

While heating, if the diameter of the pan that is less than 60mm, or remove the pan, or the materials of pan is unsuitable like oversize distortion, heating will pause immediately when the digital display reads "01", the buzzer sounds a five long warning twice, and then the cooktop will shut off automatically if no suitable cookware is placed within 10 seconds.

3. Voltage fluctuations:

The cooktop will stop operation immediately (while heating)

a. If the input voltage spikes to greater than $\geq 145V \pm 5V$, the cooktop heating function will pause immediately when the digital display reads "E3", the unit will revert to heating if the voltage $< 145V \pm 5V$ over one (1) second; if within 60 seconds the voltage does not $< 135V \pm 5V$ over one (1) second, and sound a warning every five (5) seconds of two long and four short tones and then shut off. When induction cooktop is in the standby mode, input voltage $\geq 135V \pm 5V$, the digital display reads "03", the buzzer sounds a warning every five (5) seconds of two long and four short tones until the voltage returns to normal.

b. If the input voltage drops under $\leq 80V \pm 5V$, the heating function will pause immediately when the digital display reads "E2", the unit will revert to heating if the voltage $\geq 90V \pm 5V$ over one (1) second; if within 60 seconds the voltage does not $\geq 90V \pm 5V$ over one (1) second, and sound a warning every five (5) seconds of two long and three short tones and then shut off. When induction cooker is in the standby mode, input voltage $\leq 80V \pm 5V$, the digital display reads "E2", the buzzer sounds a warning every five (5) seconds of two long and three short tones until the voltage returns to normal.

4. IGBT overheating or inner malfunctions:

When the temperature of IGBT sensor rises to higher than $100^{\circ}\text{C} \pm 5^{\circ}\text{C}$, the heating function stops immediately when the digital display reads "E0", and every 5 seconds, the buzzer will sound a warning of four long and three short tones. It will repeat the audio warning twice and then shut off.

5. Lightning surge voltage protection:

While heating, with the standard thunder stroke surge generator, exert 1.2/50us thunder stroke surge voltage 1200V,

7.0 Illustrations

Illustration 4f - Manual (Continuous)

arbitrary phase test, continue 10 minutes, the induction cooker can heat up normally, the electrics will not damage.

6. Resistance to interference:

Should the induction cooktop experience a fast, transient voltage surge or pulse (IEC610 0-4-4-2004) up to 1500V while operating, the induction cooker can continue to operate normally without damage to its electronic circuitry. There is no need to stop cooking, or to shut the unit off, and no reposition.

7. Auto shut off:

The unit will automatically shut off if any operations are not done within 2 hours

8. Code list:

Occurrence	Code	Sound	Note
Pan abnormally	E1	Every 1.5s one short sound	Continuous 10s and then turn off automatically.
Low voltage	E2	Every 5s two long three short sound	Will beep until the correct voltage is used.
Over voltage	E3	Every 5s two long four short sound	
Pan parched	E6	Every 5s two long two short sound	Will sound twice and then turn off automatically
IGBT over heat	F0	Every 5s four long three short sound	
NTC1 break off	E7	Every 5s four long five short sound	Will beep until the fault is clear
NTC1 short circuit	F8	Every 5s four long four short sound	
NTC2 break off	E9	Every 5s three long five short sound	
NTC2 short circuit	F9	Every 5s three long four short sound	

7.0 Illustrations

Illustration 5 - Product glass panel drawing - C18E-DDH02



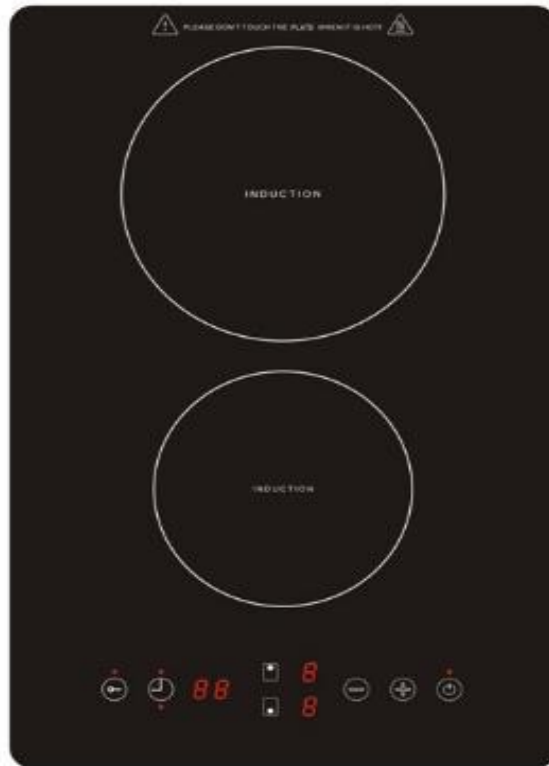
7.0 Illustrations

Illustration 6 - Product glass panel drawing - C18E-DEH01 / C18E-DEH02



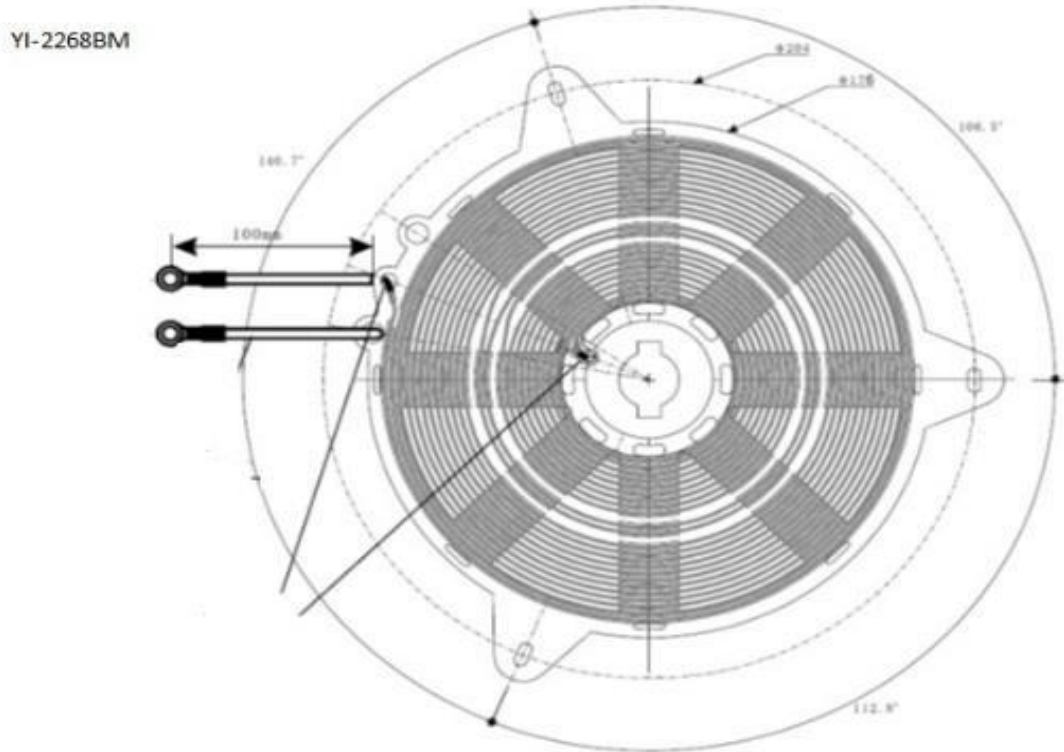
7.0 Illustrations

Illustration 7 - Product glass panel drawing - C18E-DES01



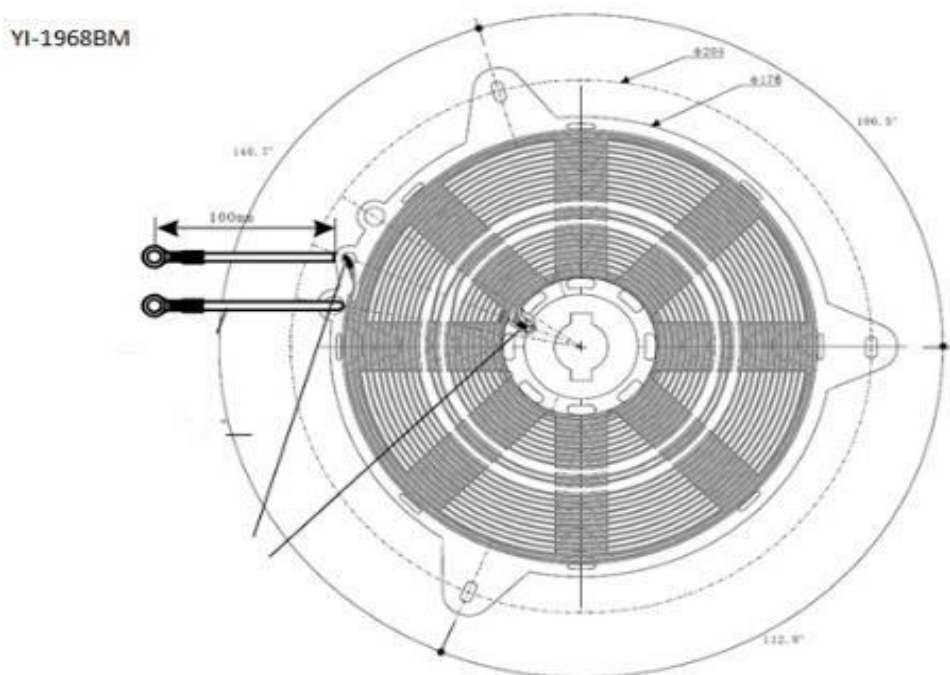
7.0 Illustrations

Illustration 8 - Heating Assembly (model YI-2268BM)



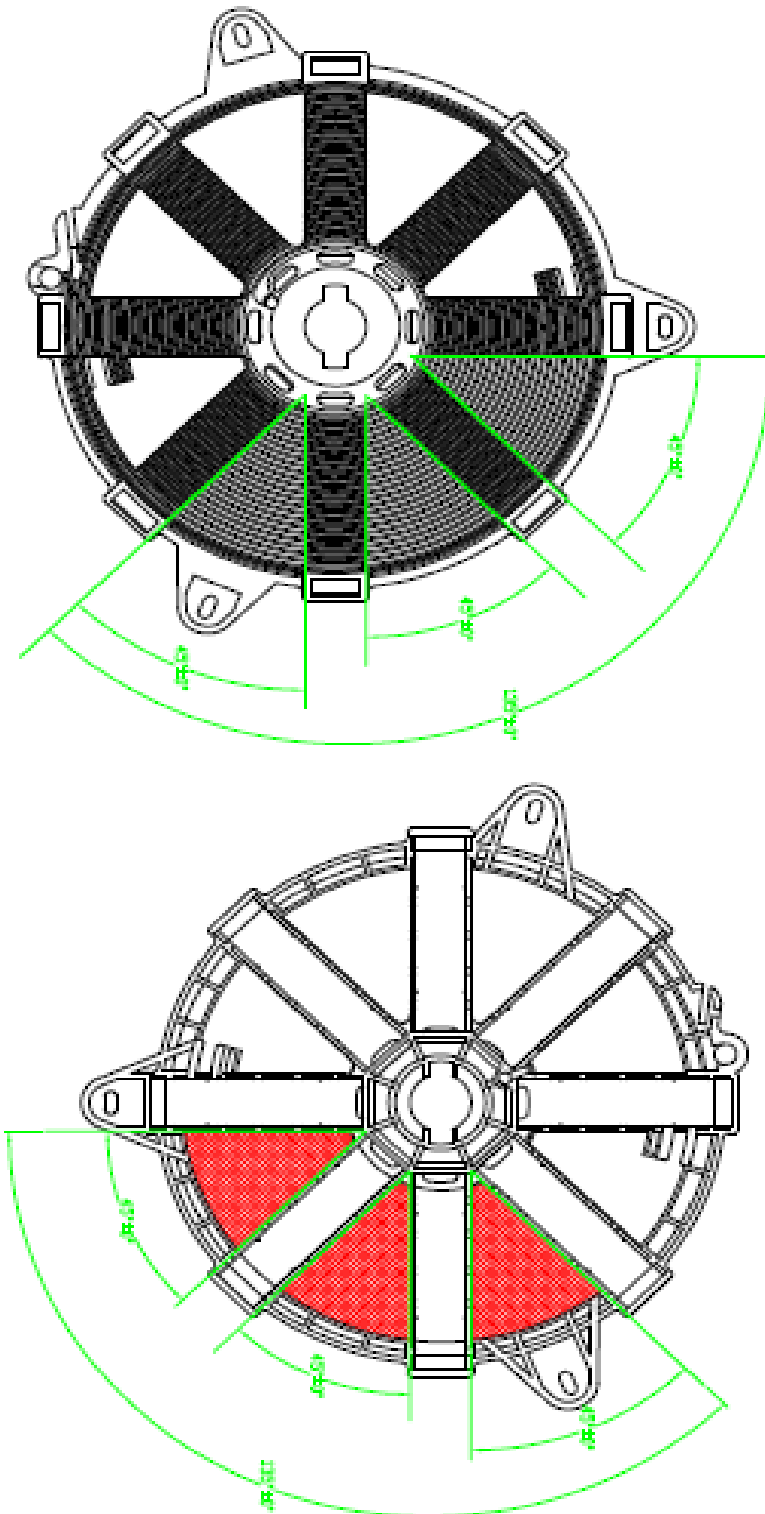
7.0 Illustrations

Illustration 8a- Heating Assembly (model YI-1968BM)



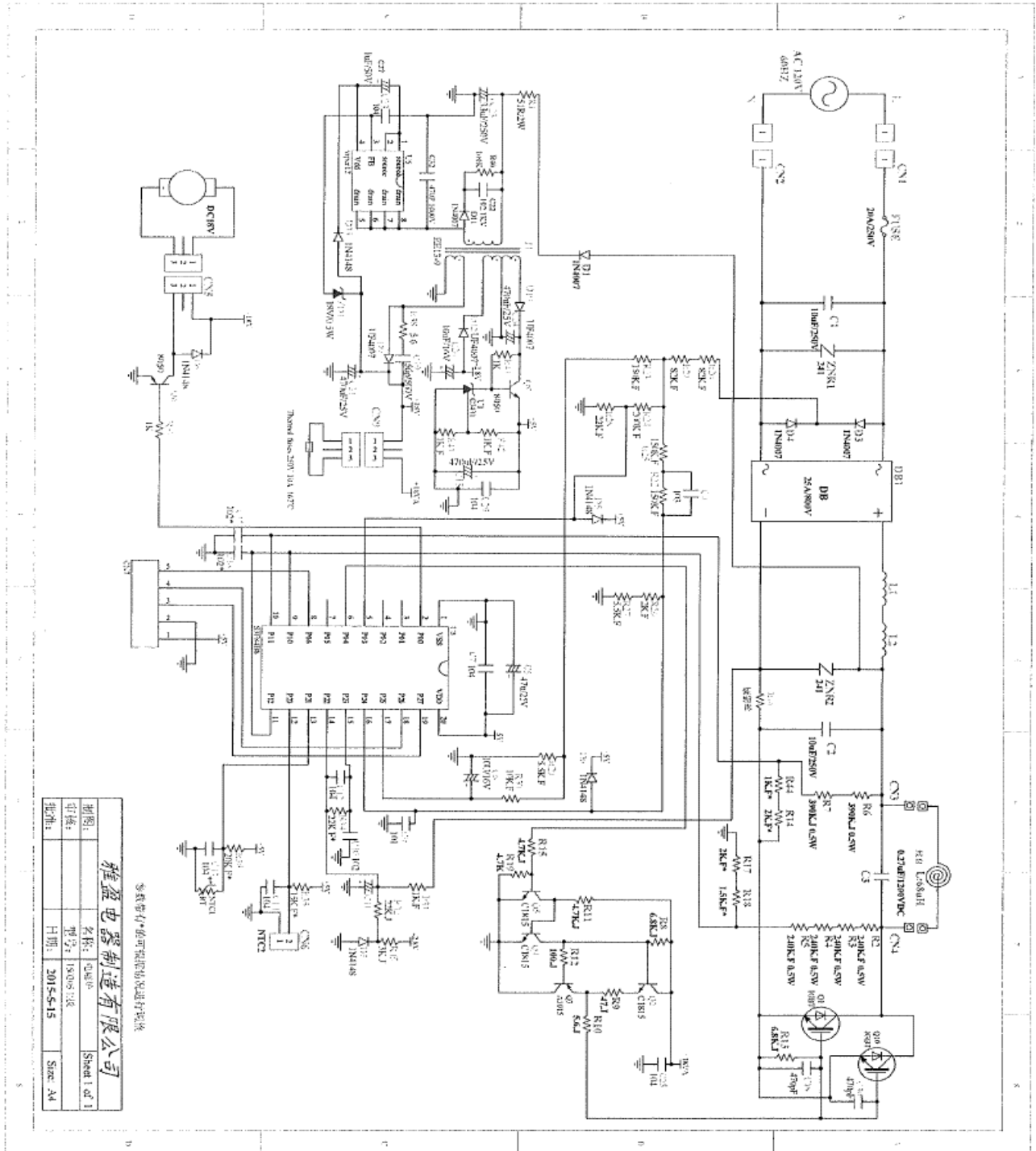
7.0 Illustrations

Illustration 8b - Heating Assembly (models YI-1968BM&YI-2268BM) Modified hardware housing for models C18E-DES01,C18E-DDS01,SINC2B120, C18E-DEH02,MD-2B .C18E-DDH02



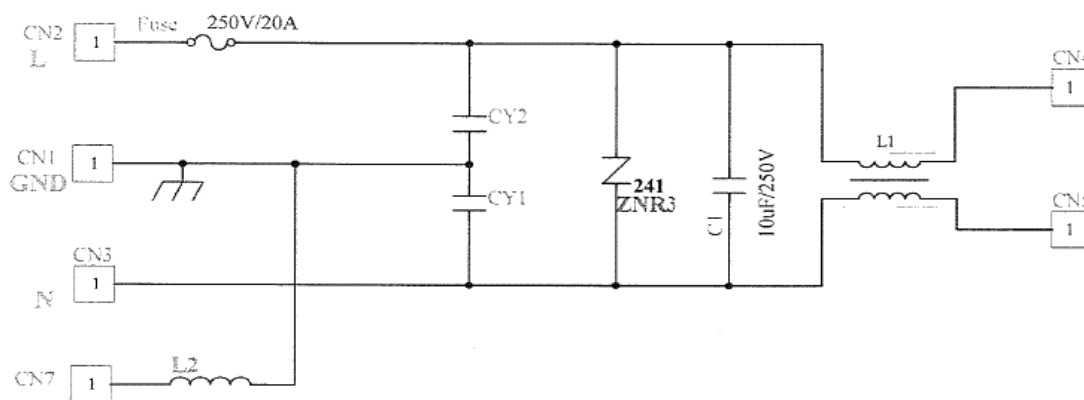
7.0 Illustrations

Illustration 9 - Circuit Diagram (Power PCB)



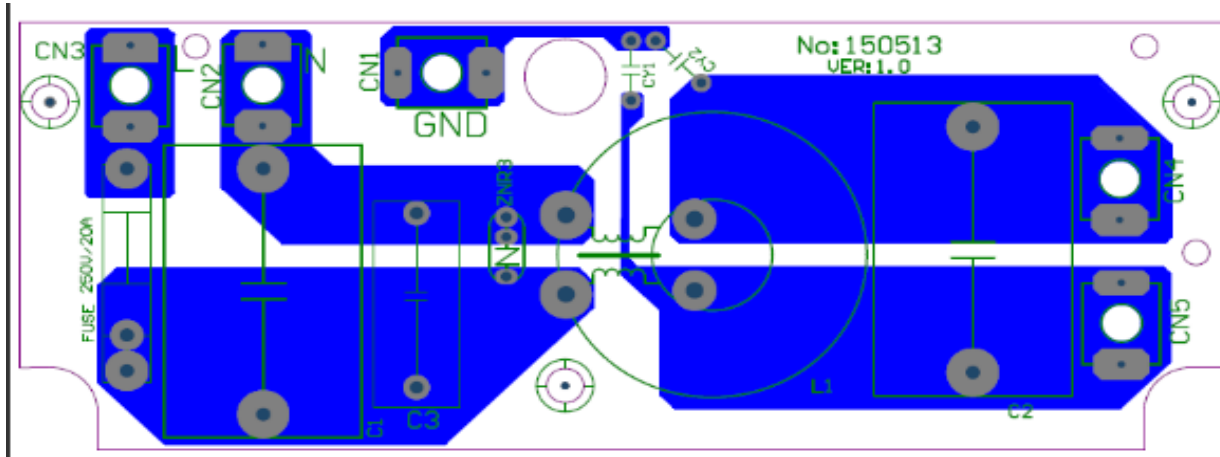
7.0 Illustrations

Illustration 9a - Circuit Diagram (Filter Board)



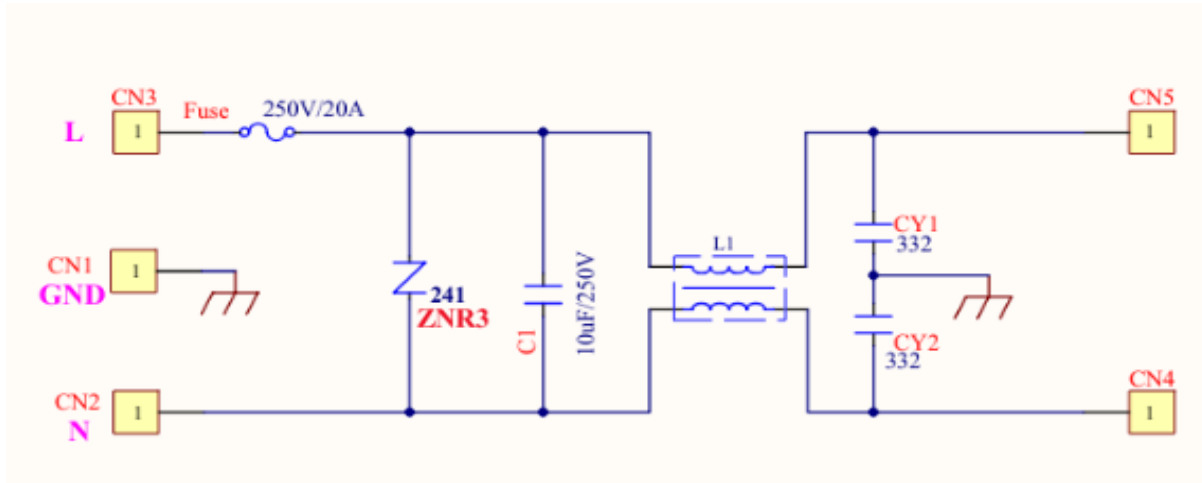
7.0 Illustrations

Illustration 10 - Circuit Diagram (Alternative FILTER BOARD)



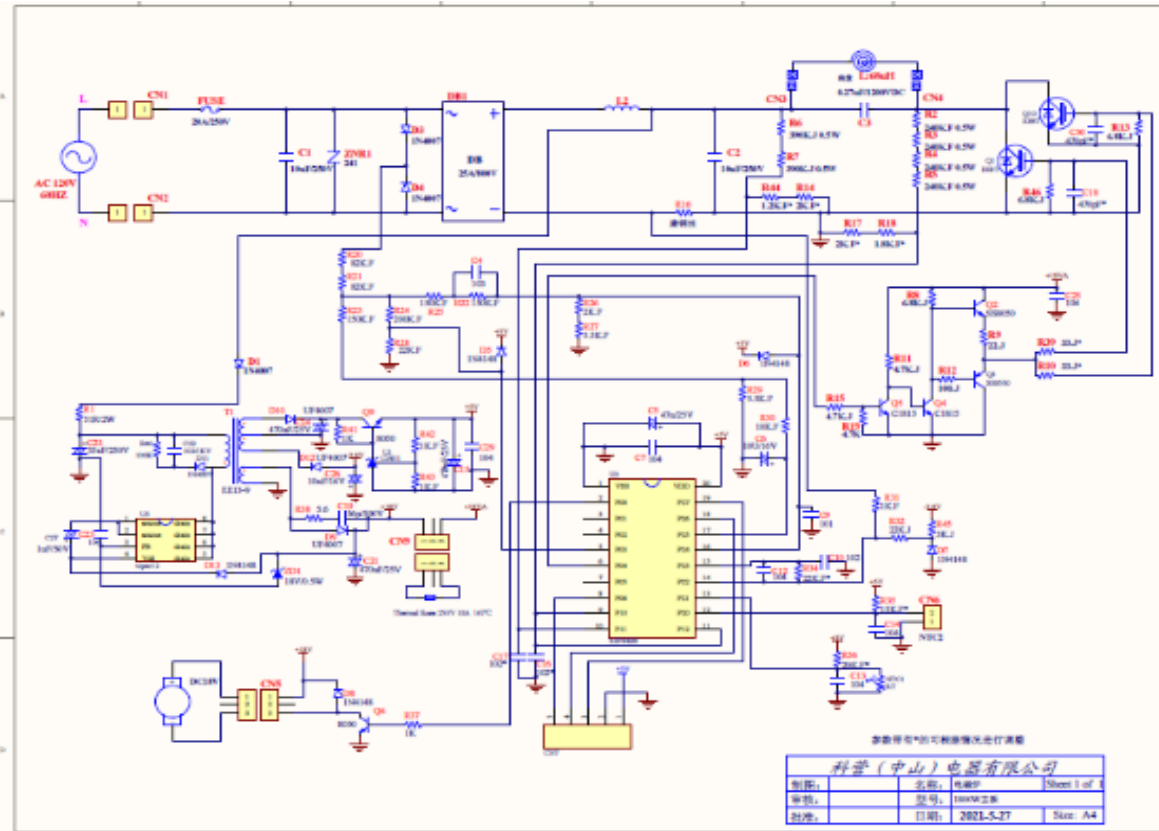
7.0 Illustrations

Illustration 11 - Circuit Diagram (Alternative FILTER BOARD)



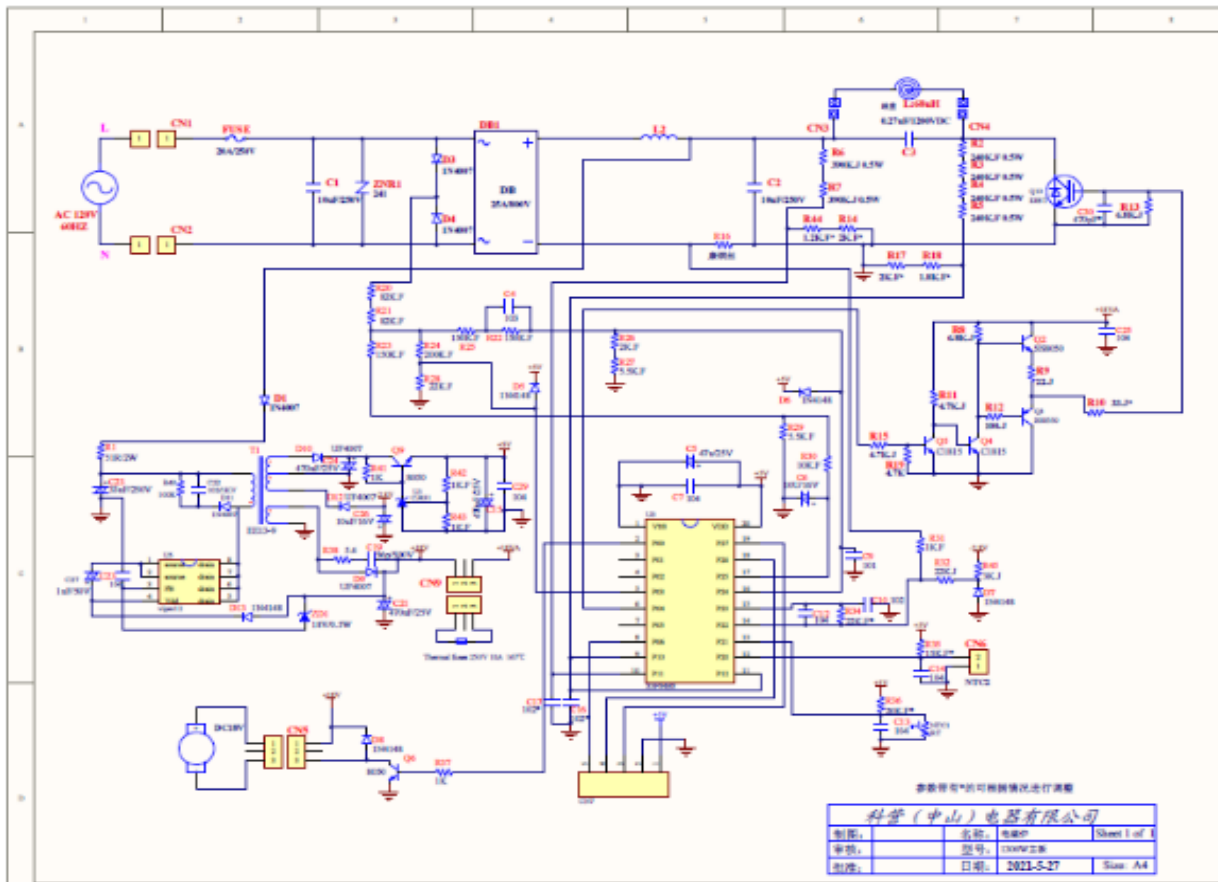
7.0 Illustrations

Illustration 12 - Circuit Diagram (Alternative PCB Mainboard for 1800W)



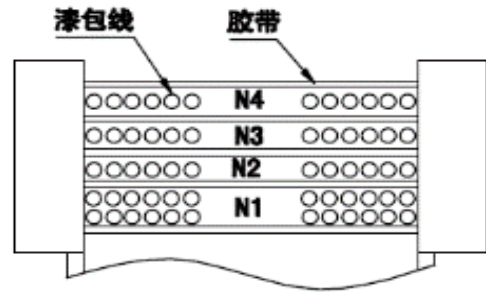
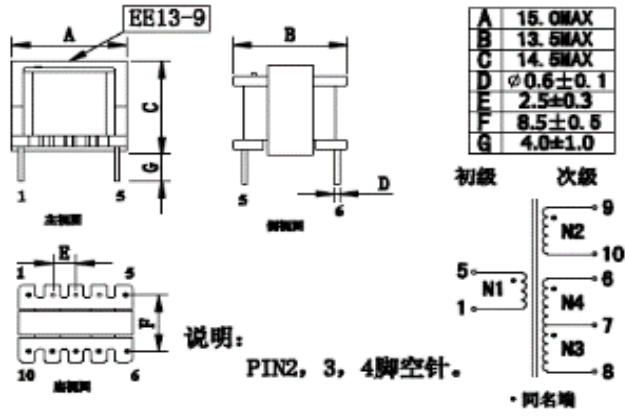
7.0 Illustrations

Illustration 13 - Circuit Diagram (Alternative PCB Mainboard for 1300W)



7.0 Illustrations

Illustration 14 - Transformer Drawing



7.0 Illustrations

Illustration 15- Hardware enclosure integrated drawing for models C18E-DDH02, C18E-DEH02

技术要求:

1. 表面没有刮伤，油污，披锋不能刮手；
2. 未标注公差为±1mm；
3. 使用低粘带颜色的保护膜；

The drawing consists of a front view, two side views, and two detail views. The front view shows a rectangular enclosure with two large internal compartments outlined in red. Dimensions include a total width of 484.0 mm and a height of 283.0 mm. The side views show a depth of 88.5 mm. Detail views show specific features like mounting holes and slots with dimensions such as 14.0 mm, 1.4 mm, 3.0 mm, and 4.0 mm.

材料:					镀锌板 T=0.8		科营 (中山)		
电器有限公司							横双炉一体式		
设计		处数		分区		更改文件号		签名	
审核		标准		日期		日期		日期	
批准		日期		日期		日期		日期	
阶段标记			数量	比例	零件名称		产品型号		
共 1 张			1	1:1	HX底板C		C18E-DDH02, C18E-DEH02		
第 1 张			文件编号		041010129				

7.0 Illustrations

Illustration 16- Hardware enclosure integrated drawing for models C18E-DES01, C18E-DDS01

技术要求:

1. 表面没有刮伤, 油污, 拔锋不能刮手;
2. 未标注公差为 $\pm 1\text{mm}$;
3. 使用低粘带颜色的保护膜;

	设计	罗	罗	罗	罗	罗	罗	罗	罗
	审核								
标准化									
批准									

材料:
镀锌板 T=1

科营 (中山)
电器有限公司

阶段标记	数量	比例	零件名称	产品型号	零件编号	竖双头
	1	1:1	SX底板F		041010128	

共 1 张 第 1 张 文件编号

8.0 Test Summary			
Evaluation Period	1-Jun-2021 to 2-Jun-2021		Project No. HK21051549
Sample Rec. Date	01-Jun-21	Condition Prototype	Sample ID. #1 ~ #4
Test Location	Intertek Testing Services Hong Kong Ltd. (Address: 2/F., Garment Centre, 576 Castle Peak Road, Kowloon, Hong Kong).		
Test Procedure	Testing Lab		
Determination of the result includes consideration of measurement uncertainty from the test equipment and methods. The product was tested as indicated below with results in conformance to the relevant test criteria.			
Due to the previous testing performed under Intertek Report 200109006GZU-001 only the following testing was performed:			
Test Description	UL 1026:2012 Ed.6+R:06Jun 2019 Clause	CSA C22.2#60335-1:2016 Ed.2 & CSA C22.2#60335-2-9:2014 Ed.1 Clause	
Power Input	30	--	
Leakage Current Test	31	--	
Leakage Current as a Result of Moisture Tests	34	--	
Dielectric Voltage-Withstand Test	35	--	
Power Input and Current	--	10	
Leakage Current and Electric Strength at Operating Temperature	--	13	
Moisture Resistance, Leakage Current and Electric Strength	--	15	
Leakage Current and Electric Strength	--	16	
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:	Nick Lee	Reviewed by:	Andy Ng
Title:	Assistant Manager	Title:	Lead Engineer
Signature:	<i>Signature on file</i>	Signature:	<i>Signature on file</i>

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	YA-IN (ZHONGSHAN) Electric Appliance Manufacture Co., Ltd
Address	Building D, No. 6 Jinxiang Road, Sanjiao Town, Zhongshan City, Guangdong Province
Country	China
Product	Induction Cooktop
MULTIPLE LISTEE 1	SEQUOIA BRANDS, Inc
Address	13100 State Road 54 Odessa, FL 33556
Country	USA
Brand Name	True Induction
ASSOCIATED MANUFACTURER	YA-IN (ZHONGSHAN) Electric Appliance Manufacture Co., Ltd
Address	Building D, No. 6 Jinxiang Road, Sanjiao Town, Zhongshan City, Guangdong Province
Country	China
MULTIPLE LISTEE 1 MODELS	BASIC LISTEE MODELS
MD-2B	MD-2B
MULTIPLE LISTEE 2	FELIX STORCH INC
Address	770 GARRISON AVE, Bronx NY 10474
Country	USA
Brand Name	SUMMIT
ASSOCIATED MANUFACTURER	YA-IN (ZHONGSHAN) Electric Appliance Manufacture Co., Ltd
Address	Building D, No. 6 Jinxiang Road, Sanjiao Town, Zhongshan City, Guangdong Province
Country	China
MULTIPLE LISTEE 2 MODELS	BASIC LISTEE MODELS
SINC2B120	C18E-DDS01
MULTIPLE LISTEE 3	Furrion Ltd
Address	4/F, Flat C & D, The Grid, 133 Wai Yip Street, Kwun Tong, Kowloon, Hong Kong SAR
Country	China
Brand Name	Furrion
ASSOCIATED MANUFACTURER	YA-IN (ZHONGSHAN) Electric Appliance Manufacture Co., Ltd
Address	Building D, No. 6 Jinxiang Road, Sanjiao Town, Zhongshan City, Guangdong Province
Country	China
MULTIPLE LISTEE 3 MODELS	BASIC LISTEE MODELS
FIH21G2A-BG	C18E-DDH02

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 Hong Kong Limited

ETL Component Evaluation Center

Unit H, 3/F., Garment Centre, 576 Castle Peak Road

Kowloon, Hong Kong

Attn: Sample Room

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 Grounding Continuity Tests

11.1 Dielectric Voltage Withstand Test
<u>Method</u>
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.
<u>Test Equipment</u>
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:		
Product	Test Voltage	Test Time
All products covered by this Report.	1000V or 1200V	60 s 1 s
Product - One sample from each shipment of Section 4.0 item 27:	Test Voltage	Test Time
Between primary circuit and secondary circuit	1000V	60 s

11.2 Grounding Continuity Tests
<u>Method</u>
Each product listed below shall be subjected to a test to determine that there is continuity between accessible dead-metal parts of the product and the grounding pin or blade of the attachment plug.
If all accessible dead metal is connected, only a single test need be performed. A visual or audible device (ohmmeter, buzzer, etc.) may be used to indicate grounding continuity.
Products Requiring Grounding Continuity Test:
All products covered by this Report.

