

기술문서 Technical Document

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안전인증번호: HW07427 -21004A
(Certificate No)

접수번호: 20210622 - 0044
(Receipt No)

1. 기본모델 · 파생모델의 내용 (General Descriptions of Certified Products)

1.1 제품의 설명 (Product description)

인증제품의 개요는 다음과 같다.

(Information on certified basic model product is as follow)

구분(Section)	내용 (Description)
용도 (Normal use)	It is a built-in hotplate combined with Down-draft rangehood.
내부구조 (Internal construction)	It consists of hotplate, fan motor, filter, relay, transformer, X-Capacitor, varistor, internal wire, PCB, etc.
외부구조 (External construction)	It consists of 2 power cords, ceramic glass plate, metal/plastic enclosure, etc.
기타(Others)	Class I. CB Test Certificate is issued by Nemko. (N0119030)

1.2 전기용품의 표시: 전기용품 및 생활용품 안전관리법 시행규칙 제20조(안전인증의 표시)에 따라 표시한다.

(Marking of KC Mark: Marking shall comply with the Article 20 of the Enforcement Rule of the Electrical Appliances and Consumer Products Safety Control Act.)

1.3 등록모델 (Registered Models)

구분 (Class)	모델명 및 정격 (Model / Rating)	기본모델과의 차이점 (Difference between basic model and series model)
기본모델 (Basic model)	DIAMOND FLEXI 220-240 V, 50-60 Hz, 7530 W (Down-draft system: 170 W + Induction hob: 32 A)	



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2. 안전관리 부품 및 재질목록(List of Critical Components)

부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
DOWN-DRAFT SYSTEM PARTS	-	-	-	-
Supply cord	ELETTRO BRESCIA	H05VV-F	3G 0.75 mm ²	IEC
Plastic box (plastic material)	DIAP Srl	POLAD AE C NERO M code PT127M	PP V-2 thickness 2 mm	Tested in appliance
Mains filter	D.E.M.	FCLS260501	0.1 μ F (X2) + 2x 2.7 nF (Y2) + 2x6 mH + 2.2 M Ω 250 V 50/60 Hz 1.6 A 40 °C 25/085/21	IEC
Internal terminals	KORNER	OK433-NY	4 mm ² 32 A 450 V T110 GWIT 775	IMQ
Electronic board SVB580 by TecnoMark	-	-	-	-
- terminal CN1	Euroclamp (ASS.EL s.r.l.)	MBE152-10-V	17.5 A 750 V T130 1.5 mm ² PA V-0	VDE
- transformer TR1	MYRRA	44328	230 V~ 50/60Hz 12 V~ 1.5 VA short circuit-proof ta 70 °C class B	VDE
- capacitor C6, C7	Suntan	TS08V	104K (100 nF) 310 V~ X2 40/110/56/B	IEC
- relay RL1	WRG (WangRong Electronics (Shenzhen) Co. Ltd.)	RC-112DM1F-335	5 A 250 V coil:12 Vdc 200 mW 1E5 T85 class F	VDE
Quick connector covers	COLOMBO SERGIO e FIGLI	28N002	PA66 V2	Tested in appliance
Fan motor with:	ebmpapst	R3G250-RE07-17 (motor M3G055-DFE05515 + control board M61230)	220-240 V 50-60 Hz 1.4 A 170 W class B 2510 rpm	VDE
- impeller	BASF SE	A3X2G5(f2)(r)	PA66 glass reinforced BK, GY 0.81/1.5/3.0 mm V-0	UL
- (Alt.) impeller	DOMO - POLYTECHNYL SAS	A 20 V25	PA66 glass reinforced All colour 0.75/1.5/3.0 mm V-0	UL
- (Alt.) impeller	LATI INDUSTRIA TERMOPLASTICI SPA	LATAMID 66 H2 G/25-VOKB	PA66 BK 0.75/1.5/3.0 mm V-0	UL

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부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer (Brand)	모델명(형식) Model (Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
- stator potting	DURESCO GMBH	NU 6210 V	EP glass reinforced HB	UL
- connector cover	LATI INDUSTRIA TERMOPLASTICI SPA	66 H2 G/25-V0CT1	PA66 BK 0.4/0.5/0.7/1.5/2.0/3.0 V-0	UL
Air ducts	-	-	-	-
Rectangular duct	iTube	BV2291200	220 x 90 mm thickness min 1.8 mm Material: RKS 441/2-W by Fainplast compounds PVC	Tested in appliance
Rectangular horizontal bend	iTube	BVCO229NF	220 x 90 mm thickness min 1.7 mm Material: PC-540 by CHI MEI CORP. PC/ABS V-0	UL
Rectangular vertical bend	iTube	BVCV229NF	220 x 90 mm thickness min 1.7 mm Material: PC-540 by CHI MEI CORP. PC/ABS V-0	UL
Rectangular joint (optional)	iTube	BVG229NF	220 x 90 mm thickness min 1.7 mm Material: PC-540 by CHI MEI CORP. PC/ABS V-0	UL
Round to rectangular horizontal joint	iTube	BVGQT229NF	154.5 mm to 220 x 90 mm thickness min 1.8 mm Material: PC-540 by CHI MEI CORP. PC/ABS V-0	UL
Reduction coupling (optional)	iTube	BVRID229055 NF	220 x 90 mm to 220 X 55 mm thickness min 1.6 mm Material: VE-0800 by LOTTE CHEMICAL ABS V-0	UL
Odour filter (optional) with:	CIEMME SERVICE	Polyurethane foam with granular activated carbon	Thicness 10 mm Carbon 1400 g/m2 Total weight 2200 g/m2	Tested in appliance
- nylon fabric	CIEMME SERVICE	PA ST	PA6.6 black 11 g/m2	Tested in appliance
HOB PARTS	-	-	-	-
Ceramic glass	ELECTA	TS201202007GC	4 mm	Tested in appliance
Induction generator with:	E.G.O.	75.08012.536	200-240 V 50-60 Hz 32 A T 85	IEC
- coils (x 4)	E.G.O.	75.95055.512	Octa 180x 200 mm	IEC
- electronic control (master)	E.G.O.	75.13106.419	T105	IEC

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부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
- electronic control (slave)	E.G.O.	75.13106.608	T105	IEC
Supply cord	PECSO	H07RN-F	3G 4 mm ²	IEC
Glands	LAPP	SKINTOP ST	PG 13.5 RAL 9005 BK	Tested in appliance

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3. 전기용품안전인증의 변경현황(Status of Certificate Revisions)

일자(Date)	발급현황(Status of issues)
	변경내용(Modification of Contents)
2021/08/30	기본모델(Basic Model)

4. 기타(Carefully Informed Note)

- 1) 안전관리부품 및 재질목록에 기재된 사항은 안전에 직접적인 영향을 주는 부분이므로 내용을 변경 또는 복수등재를 원하는 경우 안전인증변경신청 또는 안전확인변경신고를 하여야 합니다. 안전인증변경신청 또는 안전확인변경신고를 하지 않고 임의로 변경하는 경우에는 전기용품 및 생활용품 안전관리법에 따라 행정조치 될 수 있습니다.

The certificate holder should apply for a revision of the certificate if the registered critical components are to be changed, modified or alternated. Should the contents of Certificate are altered without the application for the modification, the administrative measures can occur according to the Electrical Appliances and Consumer Products Safety Control Act.

- 2) 정기검사(시료채취포함)를 거부, 방해 또는 기피하는 경우에는 전기용품 및 생활용품 안전관리법 제11조에 따라 안전인증이 취소될 수 있습니다.

If Follow-up Factory Inspection, including sampling representative model by 11 categories of the certified product at factory-site for re-testing, should not has been arranged by Certificate holder, Safety Certification(KC Mark) may be withdrawn according to the Article 11 of the Electrical Appliances and Consumer Products Safety Control Act.

- 3) 공장주소(전화번호포함), 대표자, 상호 및 부품변경, 신고인정보 등 안전인증 또는 안전확인신고의 내용이 변경되었을 때, 안전인증변경신청 또는 안전확인변경신고를 하지 않을 경우에는 전기용품 및 생활용품 안전관리법에 따라 행정조치 될 수 있습니다.

Should a factory address, president name, manufacturer name and critical component are altered without the application for the modification, the administrative measures can occur according to the Electrical Appliances and Customer Products Safety Control Act.

- 4) 조건부 인증사항 (Conditional certification items):

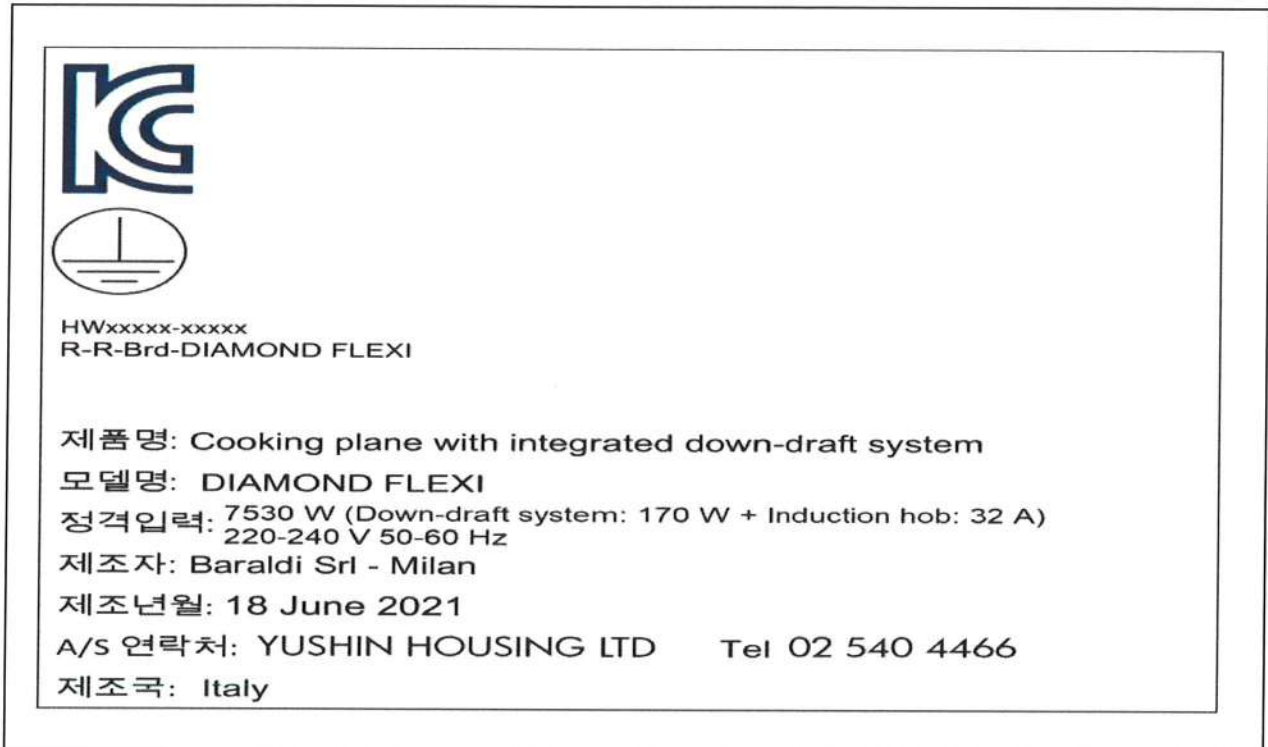


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No.1 KC Label



No.2 External View

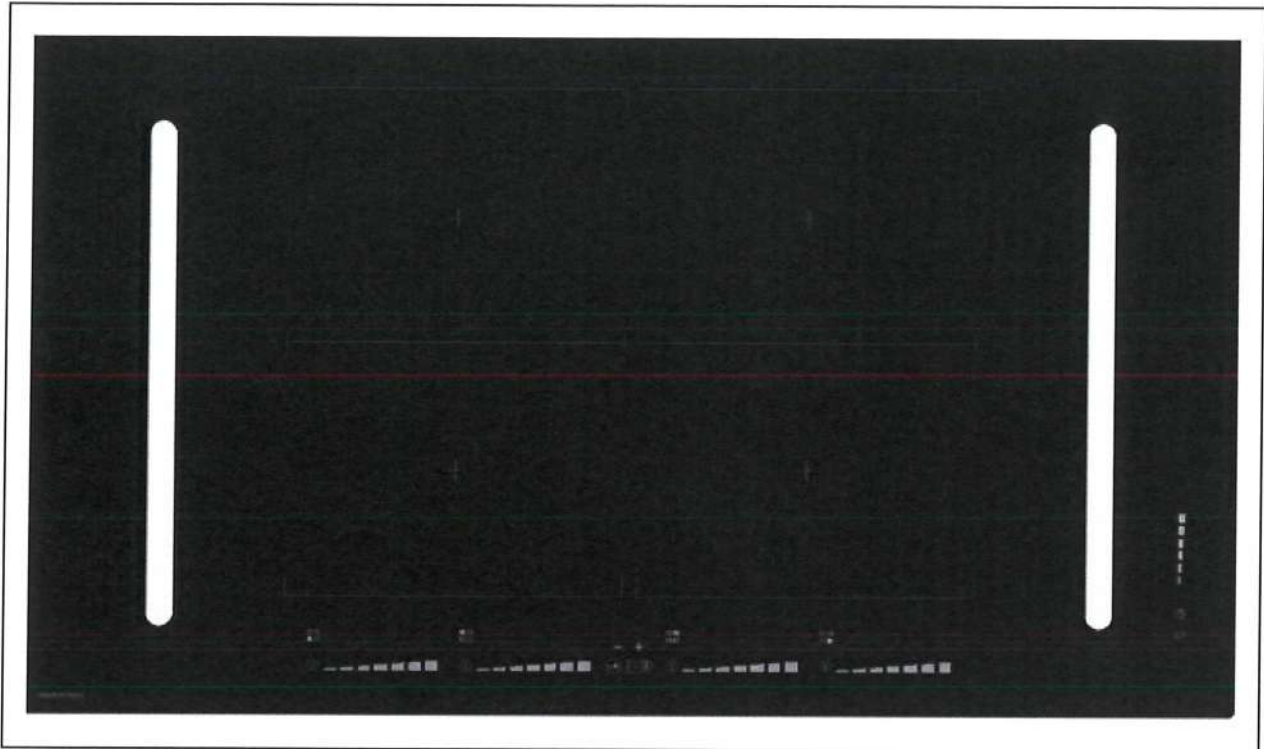


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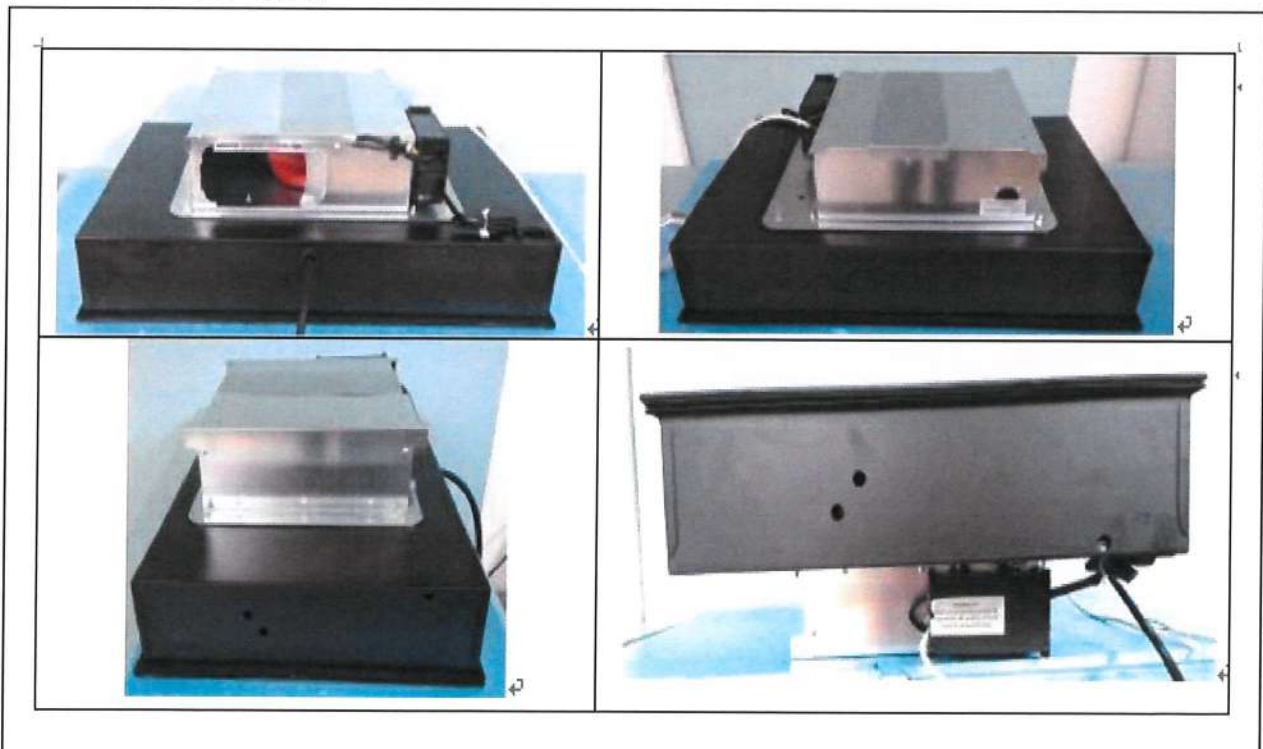
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No.3 External View



No.4 External View



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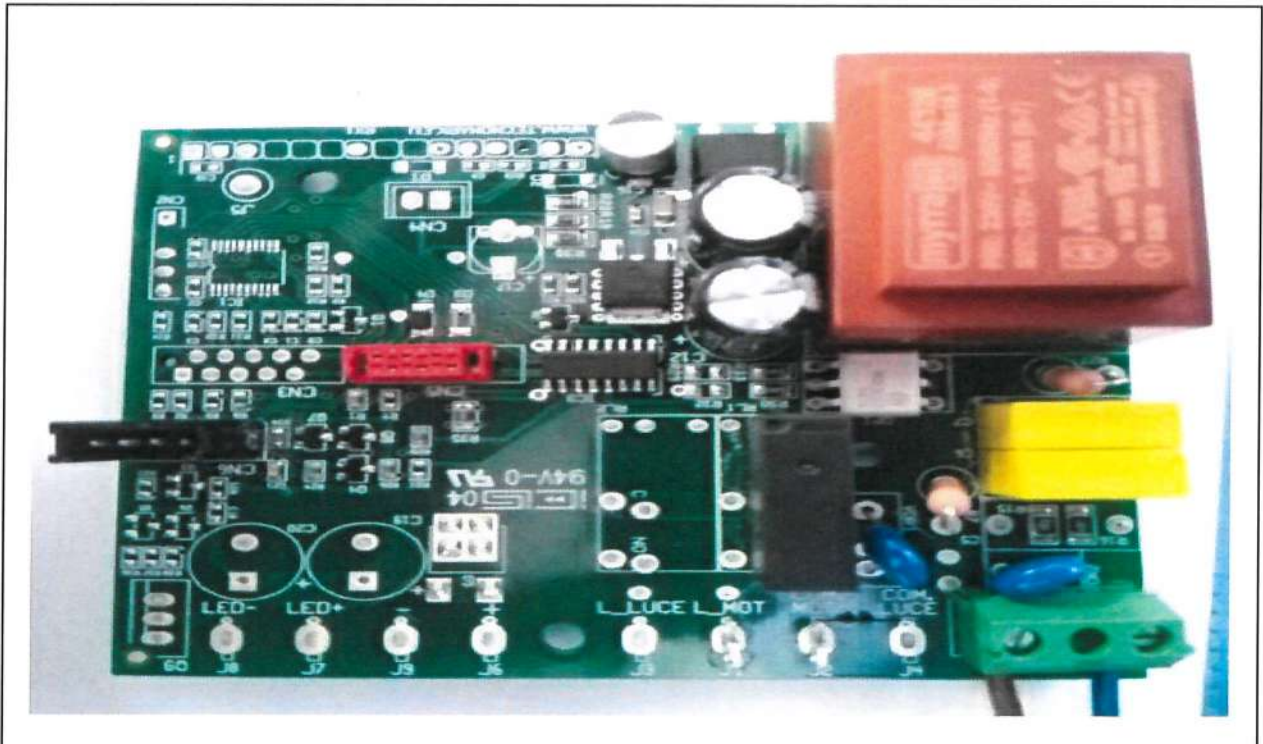
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No.5 Internal View



No.6 Internal View

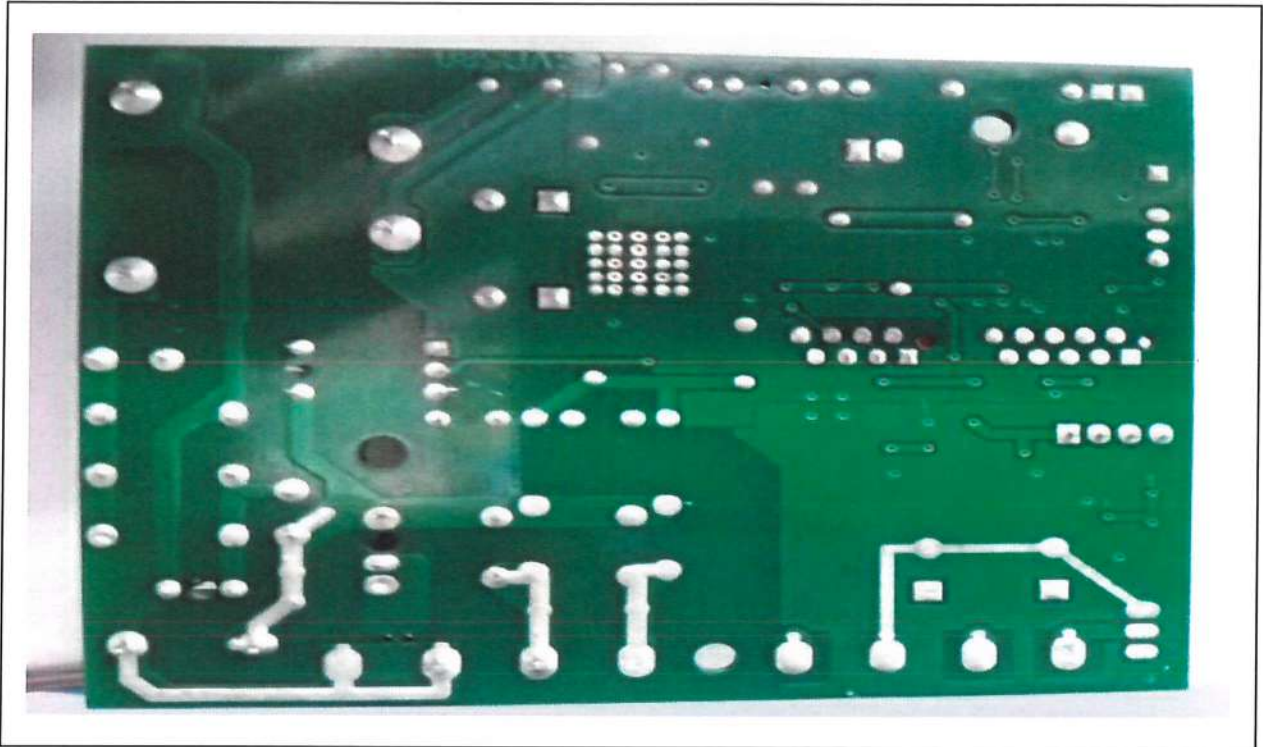


기술문서붙임자료

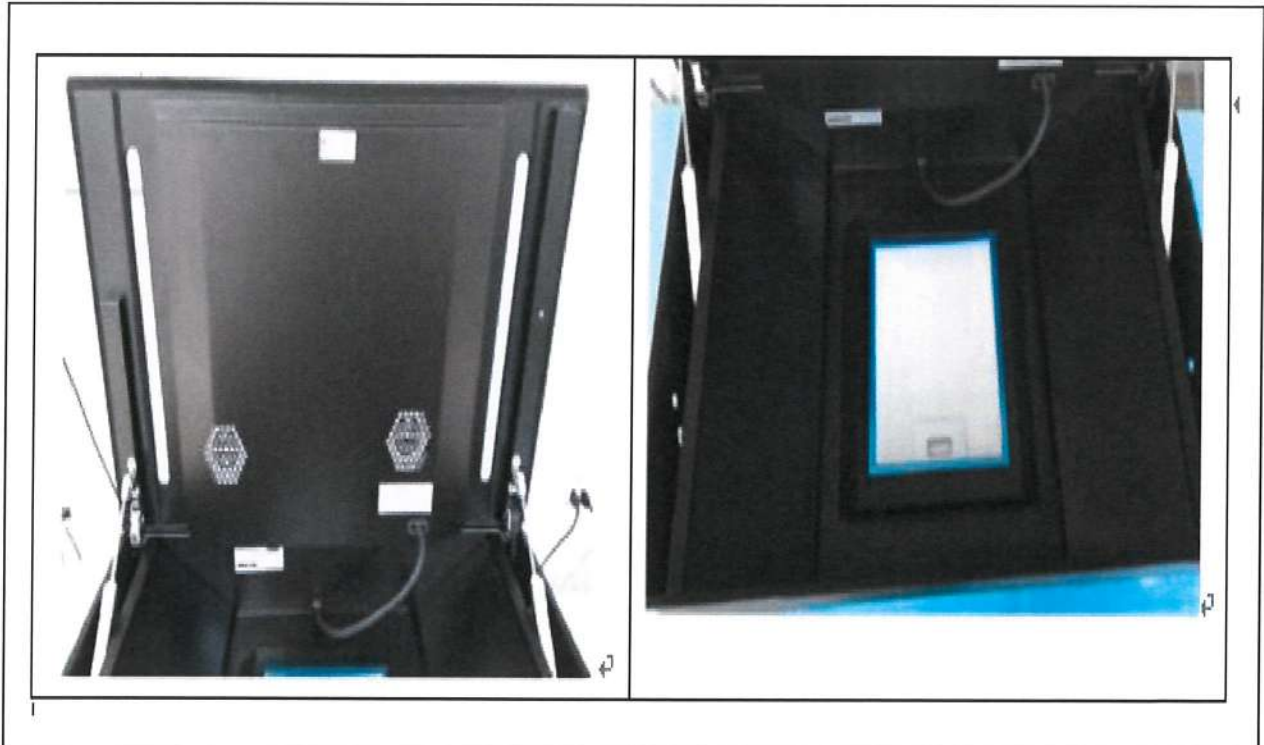
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No.7 Internal View



No.8 Internal View



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No.9 Internal View



No.10 Internal View

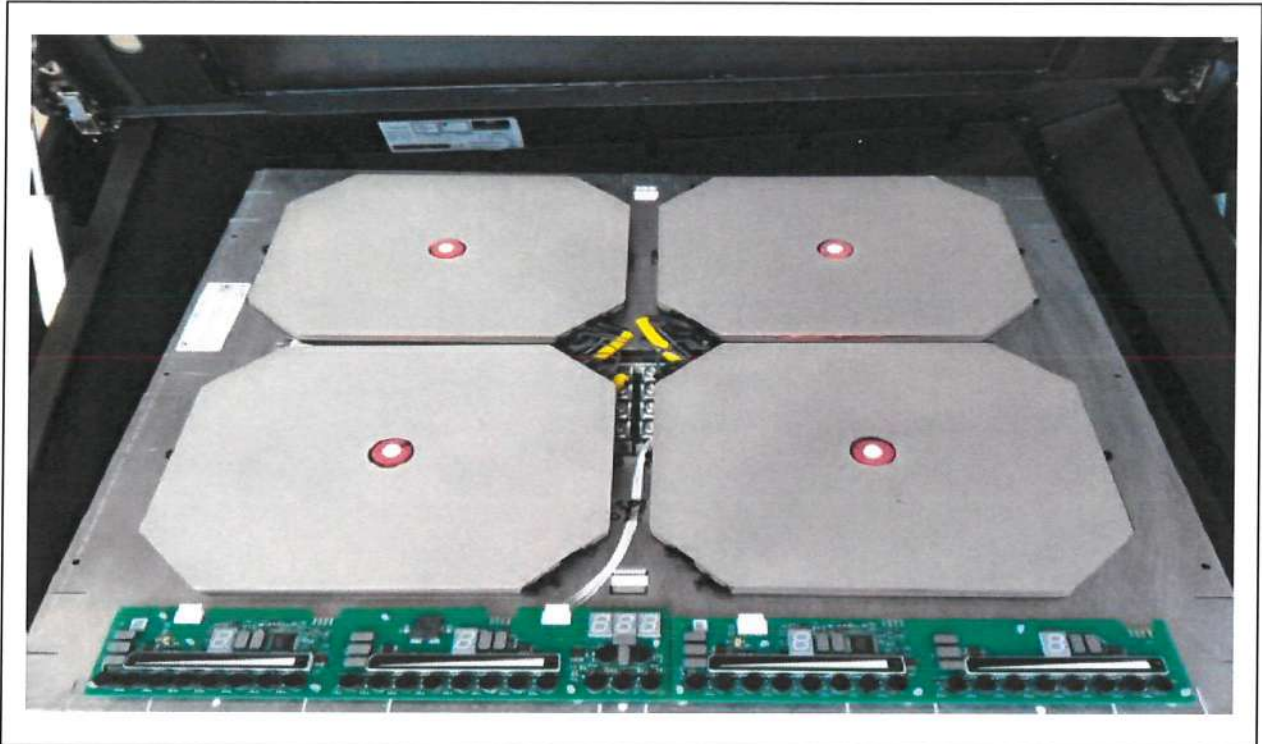


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No.11 Internal View



No.12 Internal View

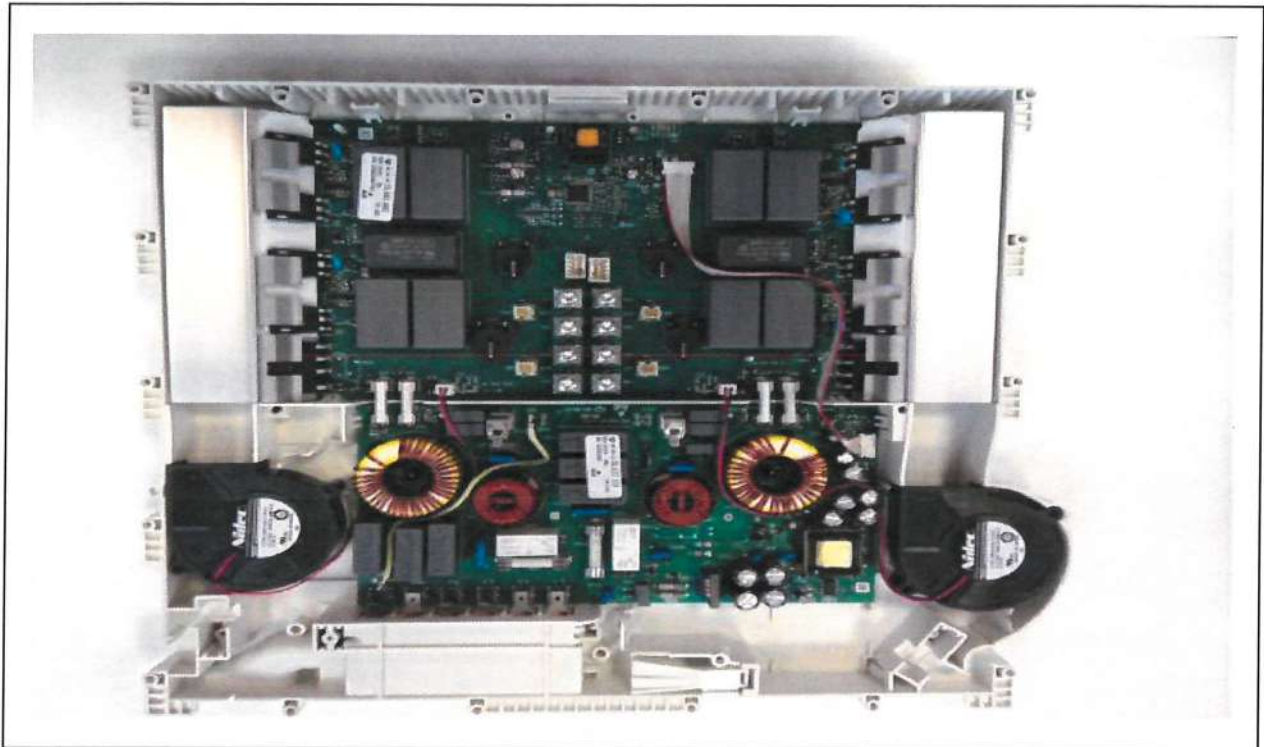


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No.13 Internal View



No.14 Internal View(odour filter(optional))

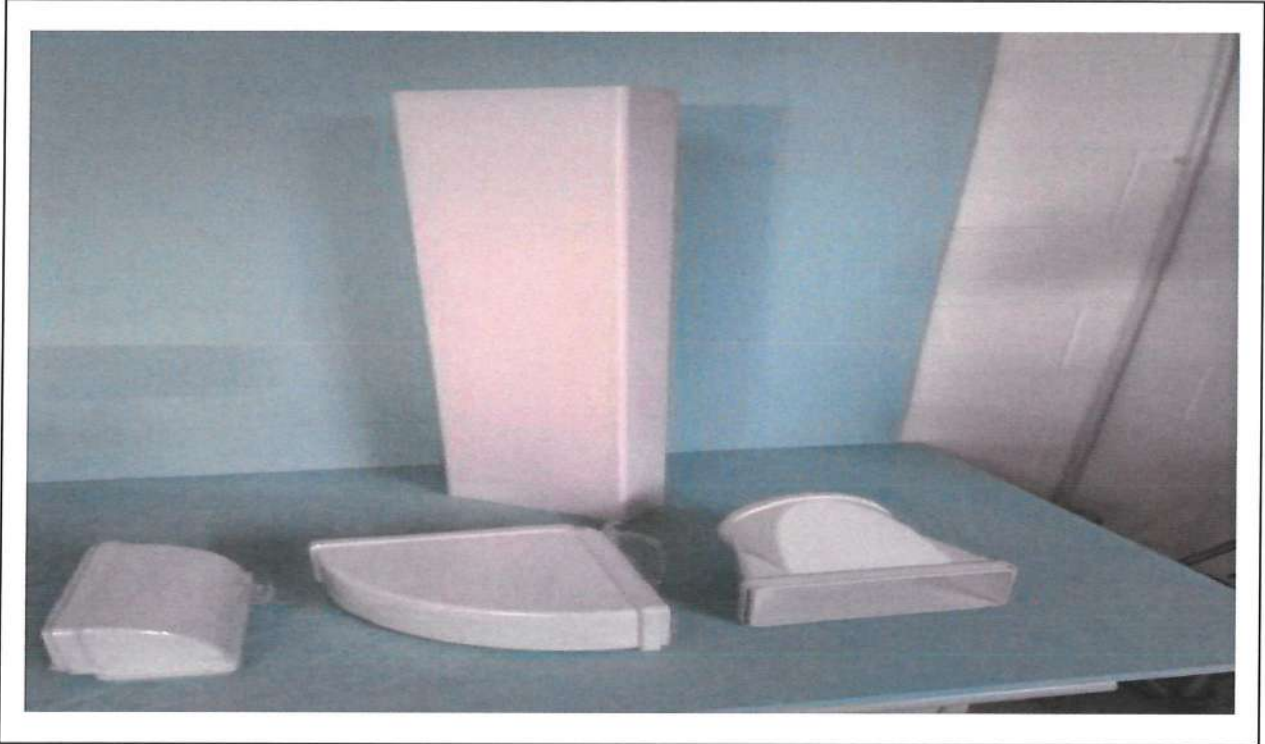


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No.15 Internal View



No.16 Internal View

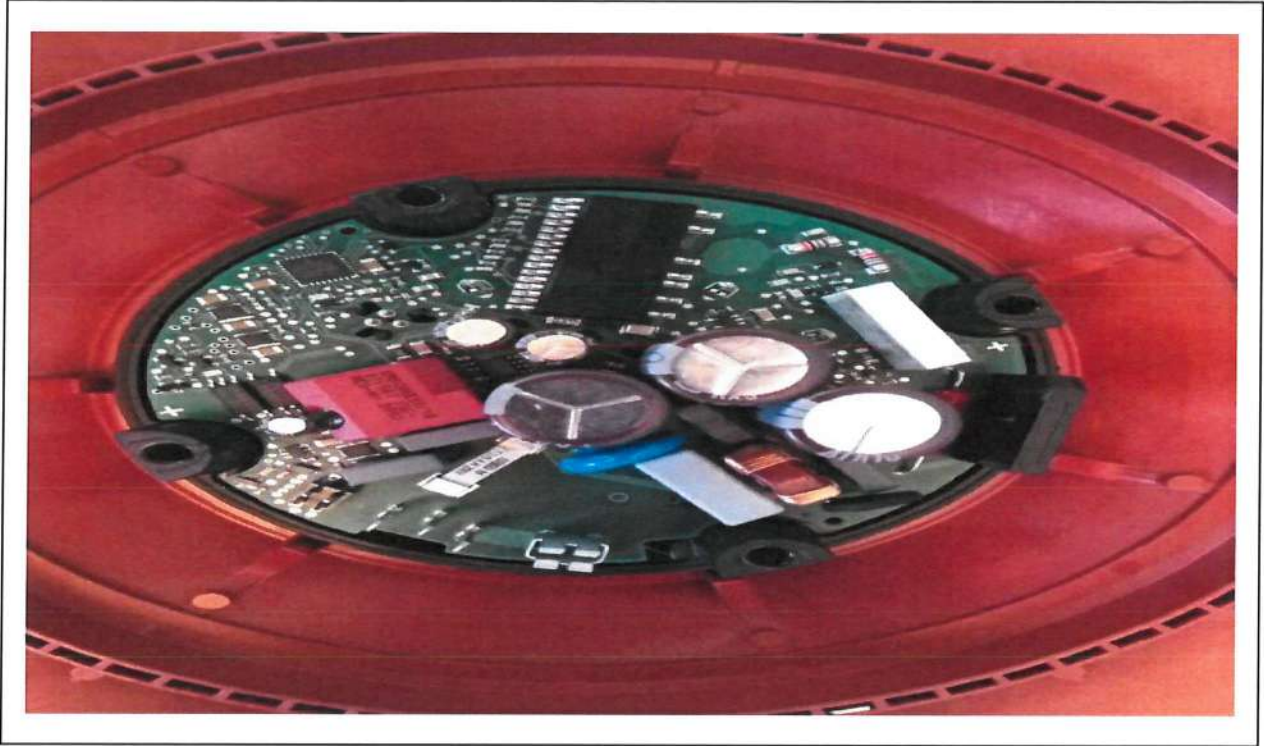


기술문서붙임자료

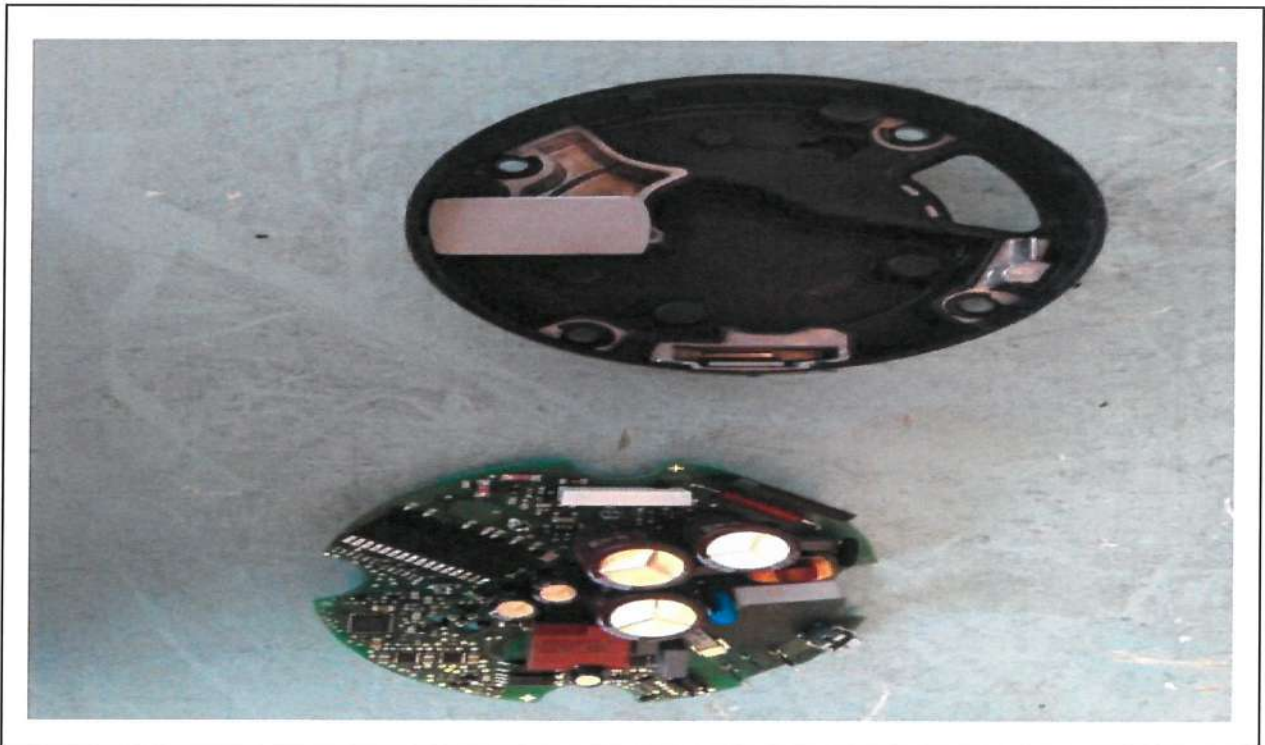
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No.17 Internal View



No.18 Internal View



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No.19 Internal View

