

# 기술문서 Technical Document

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안전인증번호: HW07427 -21002A  
(Certificate No)

접수번호: 20210609 - 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 range hood.
내부구조 (Internal construction)	It consists of motor with protector, LED bar, LED driver, transformer, X-Capacitor, relay, PCB, etc.
외부구조 (External construction)	It consists of power supply cord, plastic/metal enclosure, etc.
기타(Others)	Class I. CB Test Certificate is issued by Nemko.(N0117489)

### 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)	ELEA DX 116 cm	220 V, 60 Hz, 300 W	
파생모델 (Series model)	ELEA SX 116 cm		Identical to basic model except for model name and the chimney side(left side).



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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)
Supply cord	ELETTRO BRESCIA	H05VV-F	3G0.75 mm <sup>2</sup>	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 $\mu$ F (X2) + 2x 2.7 nF (Y2) + 2x6 mH + 2.2 M $\Omega$ , 250 V 50/60 Hz 1.6 A 40 °C 25/085/21	IEC
Electronic board	TecnoMark	SVB545B	-	Tested in appliance
- terminal CN2	Euroclamp (ASS.EL s.r.l.)	MBE152-10-V	17.5 A 750 V T130 1.5 mm <sup>2</sup> PA V-0	VDE
- Capacitor C6	Suntan	TS08V	104K (100 nF) 310 V~ X2 40/110/56/B	IEC
- RFI capacitor C10	Suntan	TS08V	104K (100 nF) 310 V~ X2 40/110/56/B	IEC
- Transformer TR1	MYRRA	44328	230 V~ 50/60Hz 12 V~ 1.5 VA short circuit-proof ta 70 °C class B	VDE
- relay RL1 to RL6	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
LED driver	TCI	DC LED 12V EFU	In: 100-240 V 50/60 Hz 0,2 A Out: max 20 W 12 Vdc ta: -20 - +50 °C tc=80 °C pollution degree2	IEC
LED bar	Linea Luce Srl	KLE20NW18.5BD	12 Vdc 5 W	Tested in appliance
- LED bar cord	SALCAVI TECHNIC	AWM Style 2103	T105 300 V 18 AWG VW-1 FT1	UL
- plastic cover	COVESTRO DEUTSCHLAND AG [PC RESINS]	2407 + (z)(f1) Makrolon	Min. thick 2.0 V-2 PC transparent	UL
Blower with:	SIT Spa	GPe 900 50 T03	220.240 V 50 Hz 275 W 220 V 60 Hz class F thermally protected class II	IEC

[서식 CP401-18-00]



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부품명(회로기호) Components(Part no.)	제조사(상표명) Manufacturer(Brand)	모델명(형식) Model(Type)	정격 또는 특성 (Technical Data)	인증규격 (Certification)
- self-resetting thermal cut-out	SENSATA	2MM	250 V 7A Tth 160 °C	IEC
Keyboard	TecnoMark	SVB011B	-	Tested in appliance
- Plastic enclosure	TRINSEO EUROPE GMBH	302EP(b)(f2), 303EP(b)(f2)	PC V-2	UL

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### 3. 전기용품안전인증의 변경현황(Status of Certificate Revisions)

일자(Date)	발급현황(Status of issues)
	변경내용(Modification of Contents)
2021/06/16	기본+파생모델등록(Basic + Series 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):



# 기술문서붙임자료

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No.1 KC Label



No.2 External View



# 기술문서붙임자료

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No.3 External View



No.4 External View

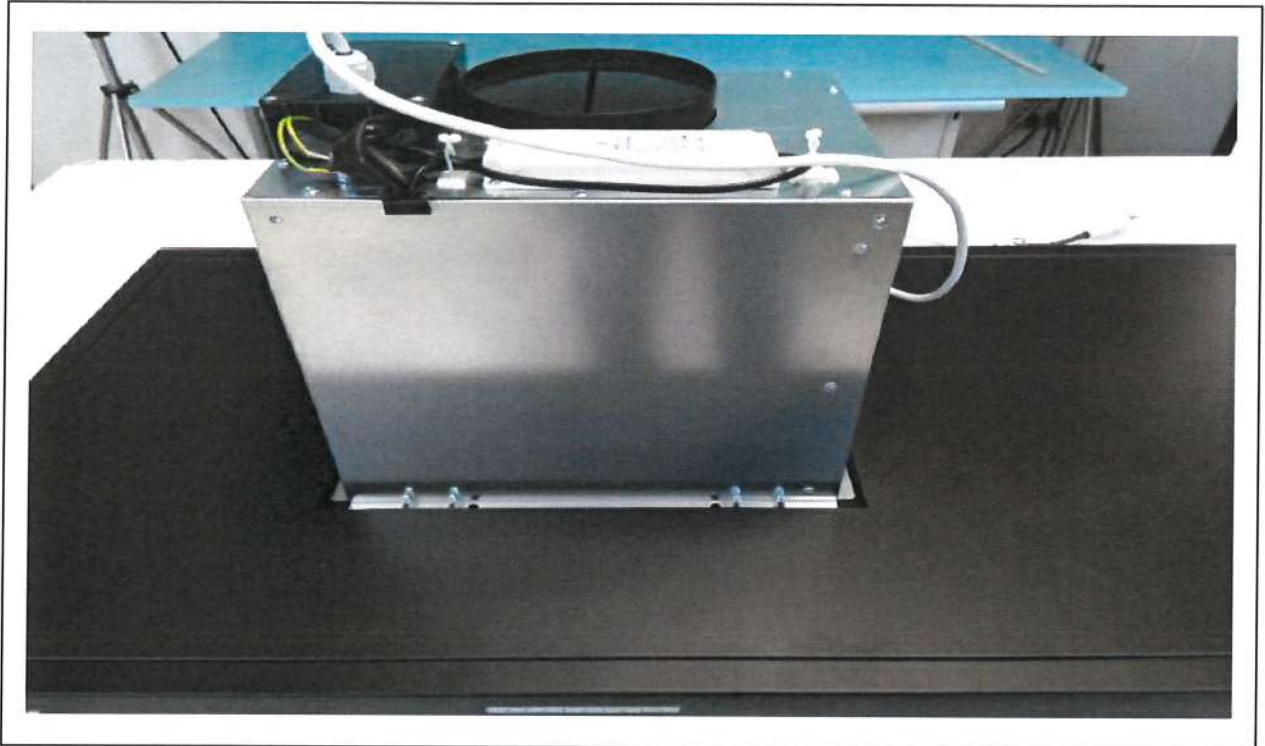


# 기술문서붙임자료

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No.5 External View



No.6 External View

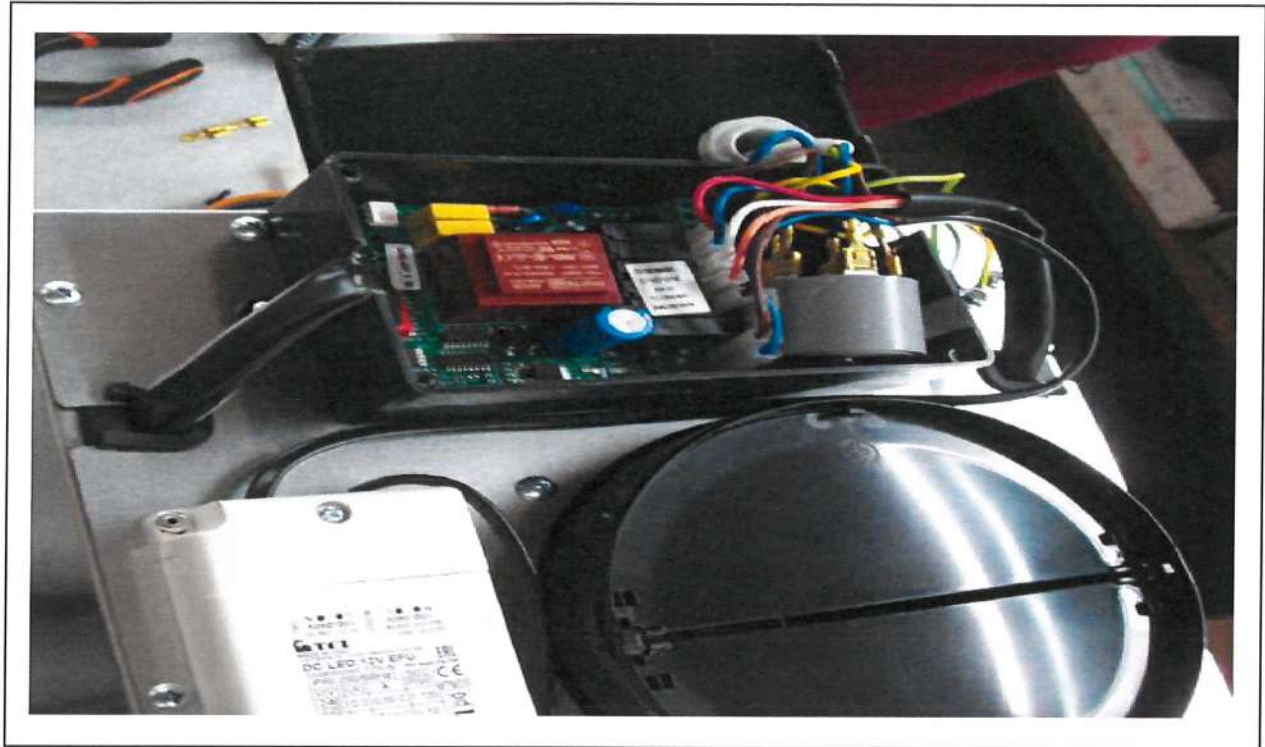


# 기술문서붙임자료

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No.7 Internal View



No.8 External View



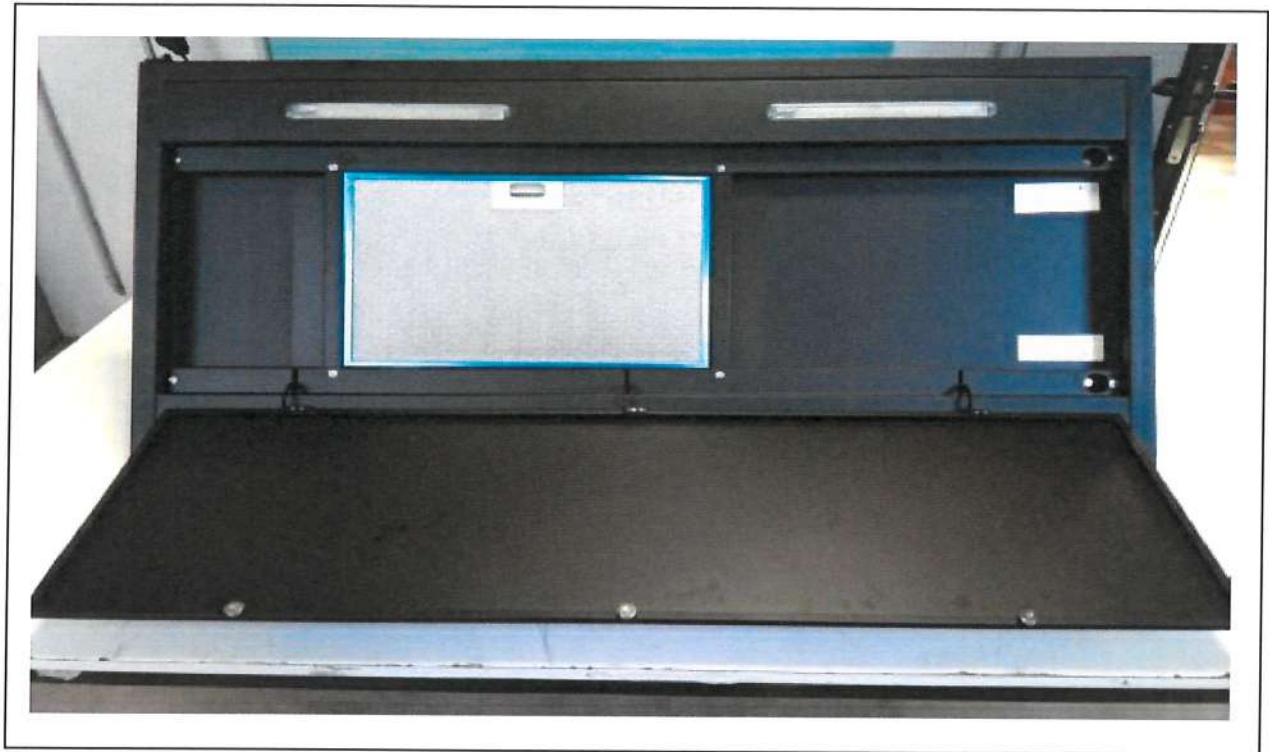


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No.9 External View



No.10 Internal View



# 기술문서붙임자료

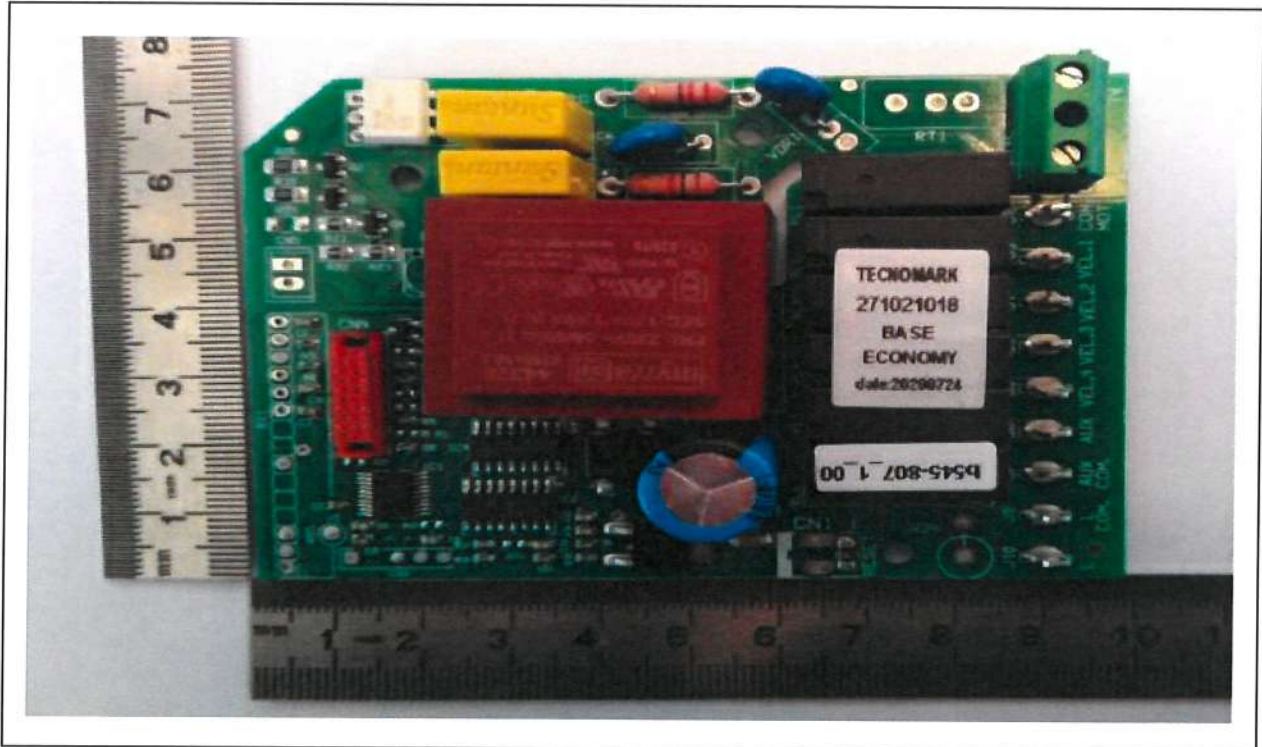
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No.11 Internal View



No.12 Internal View

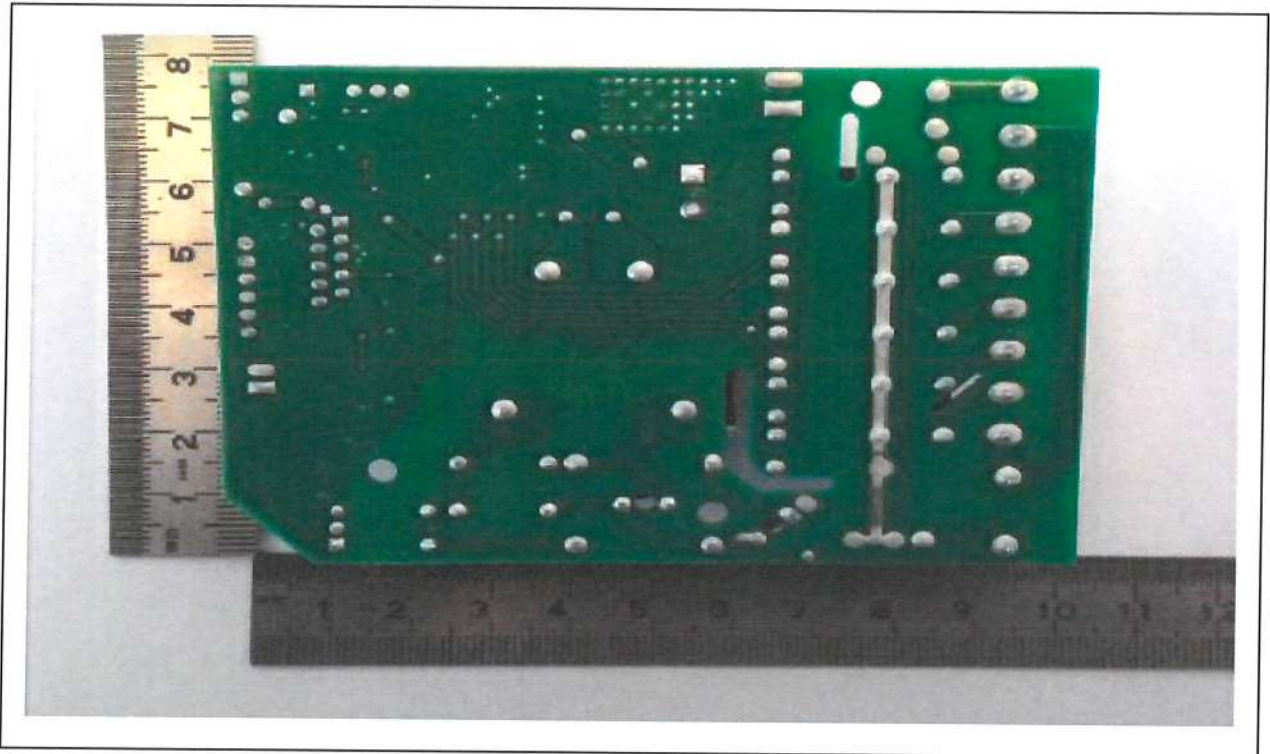


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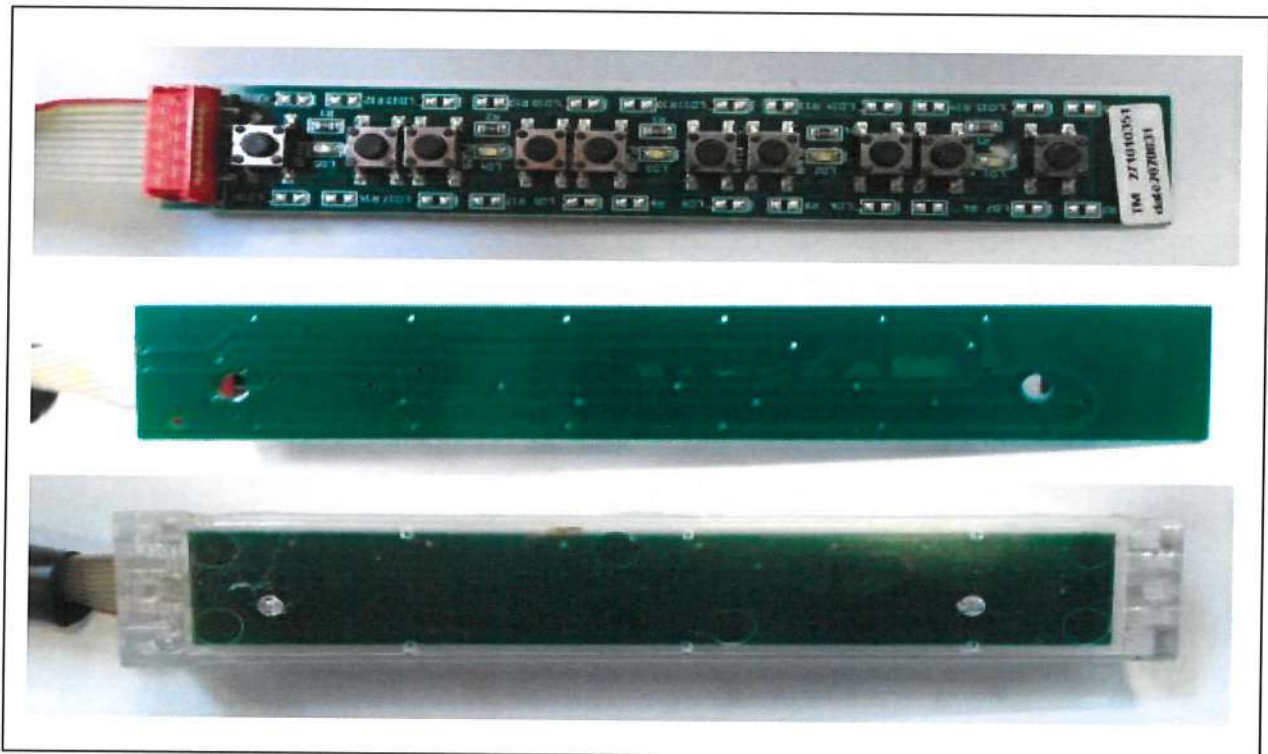
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No.13 Internal View



No.14 Internal View



# 기술문서붙임자료

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No.15 Internal View



No.16 Internal View

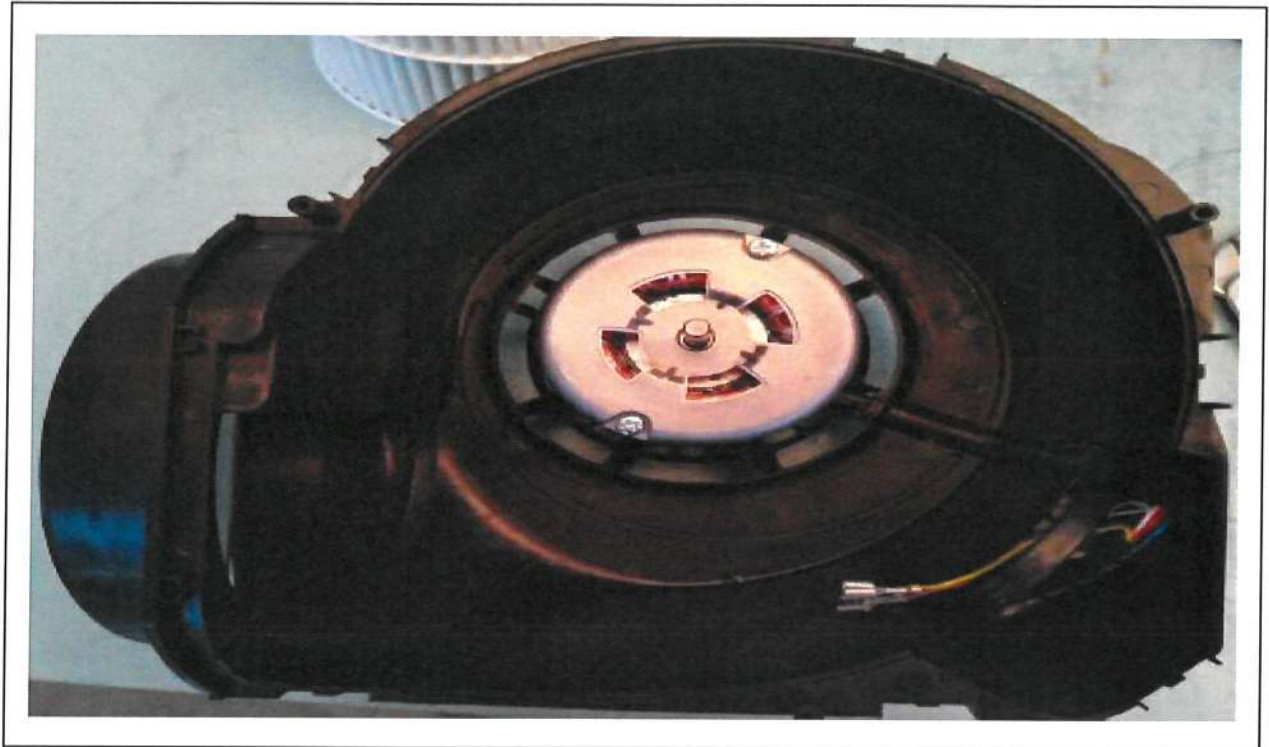


# 기술문서붙임자료

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No.17 Internal View



No.18 Internal View

