



Test Laboratuvarları

## LVT Test Laboratuvarları Ltd. Şti.

www.lvt.com.tr

Saray Modern Keresteciler Sanayi Sitesi 4.Cadde No:9

Kazan / ANKARA

Tel: 0 312 815 13 25-26 Faks: 0 312 815 13 27



AB-0341-T

21-1823-R1-N1-1

07-22

## DENEY RAPORU

Test Report

1/19

<b>Müşteri</b> Client	: VAT ELEKTRİK SAN. TİC. LTD. ŞTİ.
<b>Adres</b> Address	: İKİTELLİ ORG. SAN. BÖL. ESKİ TURGUT ÖZAL CAD. NO:31 AK İŞ MERKEZİ BAŞAKŞEHİR/İSTANBUL
<b>İmalatçı</b> Manufacturer	: VAT ELEKTRİK SAN. TİC. LTD. ŞTİ.
<b>Teklif Numarası</b> Order No	: 22-1823-R1
<b>Deney Numunesi</b> Test Sample	: RACK KABİN ve 6 GİRİŞLİ FAN MODÜLÜ
<b>Marka</b> Trade Mark	: VATPAN
<b>Deney Metodu</b> Test Method	: TS EN 60204-1:2018 (Md. 18.2 18.3, 18.4), EN 60204-1:2018 (Cl. 18.2, 18.3, 18.4)
<b>Deney Tarihi</b> Date of Test	: 30.06.2022
<b>Toplam Sayfa Sayısı</b> Total Number of Pages	: 19
<b>Basım Tarihi</b> Date of Issue	: 19.07.2022

Deney laboratuvarı olarak faaliyet gösteren LVT Test Laboratuvarları Ltd. Şti. TÜRKAK' tan AB-0341-T numarası ile IEC/ISO TS EN 17025:2017 standardına göre akredite edilmiştir.

LVT Test Laboratuvarları Ltd. Şti. accredited by TÜRKAK under registration number AB-0341-T for IEC/ISO 17025:2017 as test laboratory.

Türk Akreditasyon Kurumu (TÜRKAK) deney raporlarının tanınması konusunda Avrupa Akreditasyon Birliği (EA) ile Çok Taraflı Anlaşma ve Uluslararası Laboratuvar Akreditasyon Birliği (ILAC) ile karşılıklı tanınma antlaşmasını imzalamıştır.

The Turkish Accreditation Agency (TURKAK) is a signatory to the European co-operation for Accreditation (EA) Multilateral Agreements (MLA) and to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA) for the recognition of test reports

Deney ve / veya ölçüm sonuçları, genişletilmiş ölçüm belirsizlikleri (talep halinde) ve deney metodları, bu raporun tamamlayıcı kısmı olan takip eden sayfalarda verilmiştir.

The test and / or measurements results, the uncertainties (if required) with confidence probability and test methods are given on the following pages which are part of this report.

Mühür  
Seal

Deney Sorumlusu  
Person in Charge of Test

Bölüm Müdürü  
Department Manager



Ali Kaan MEŞE

Ata Gürül ARSLANLI

Rapor detaylarını karekod ile kontrol edebilirsiniz.  
You can check the report details via QR code.

**Bu rapor, Laboratuvarımızın yazılı izni olmadan kısmen kopyalanıp çoğaltılamaz. İmzasız ve mühürsüz raporlar geçersizdir.**

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FRT.53/Rev07/0422

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## 1. Numunenin Tanımı Definition of the Sample

RACK KABİN ve 6 GİRİŞLİ FAN MODÜLÜ

### 1.1 RACK KABİN ve 6 GİRİŞLİ FAN MODÜLÜ

(21-1823-R1-N1)

Numune Kabul Tarihi Receiving Date	:	21.06.2022
Numune Seri No Serial No	:	TEST SAMPLE
Tip Type	:	Rack kabin ve 6 girişli fan modülü
Beyan Gerilimi Rated Voltage	$U_n$	: 220/240 V <sub>AC</sub>
Beyan Akımı Rated Current	$I_n$	: 0.78-0.84 A
Beyan Frekans Rated Frequency	$f_n$	: 50 Hz
Cihaz – Malzeme Listesi Device – Component List	:	Firma Dokümanlarına Bkz.

## 2. Deney Sonuçları Test Results

Deney sonuçları, müşteri tarafından laboratuvara teslim edilen ve sadece deneyi yapılan numuneye aittir.  
The test results only belong to the tested sample(s) delivered to the laboratory by client.

Numune Sample	Uygulanan Deney Applied Test	Sonuç Result
RACK KABİN ve 6 GİRİŞLİ FAN MODÜLÜ	18.2.2 Deney 1- Koruyucu Kuşaklama Devresinin Sürekliliğinin Doğrulanması 18.2.2 Test 1: Verification of the continuity of the protective bonding circuit	OLUMLU PASSED
	18.3 Yalıtım Direnci Deneyleri 18.3 Insulation resistance tests (facultative)	OLUMLU PASSED
	18.4 Gerilim Deneyleri 18.4 Voltage test (facultative)	OLUMLU PASSED

## 3. Çevre Şartları Environmental Conditions

3.1 Ortam Sıcaklığı  
Ambient Temperature : (20-30) °C

3.2 Ortam Nemi  
Ambient Moisture : (30-60) %Rh

## 4. Deney Metodundan Sapma, Ekleme ve Çıkarmalar Deviations, Additions & Cutbacks from the Test Method

Deneyler; standart deney metoduna göre uygulanmıştır.  
Tests were made according to the clauses of the relevant standards.

## 5. Şartnamelere Uygunluk (Gerekli Hallerde) Conformity to Specifications (If Necessary)

-

## 6. Dağıtım Bilgileri Distribution Information

VAT ELEKTRİK SAN. TİC. LTD. ŞTİ.



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- 
7. **Açıklama** : Müşteri isteği ile rapor içeriğindeki maddeler uygulanmıştır.  
*Explanation* : *At the request of the client, only the items in the report were applied.*
- 
8. **Ölçüm Belirsizliği** : -  
*Uncertainty of Measurement*
-



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## Makinalarda Elektriksel Güvenlik Deneyleri

Electrical Safety Tests of Machinery

### 9. DeneY Uygulamaları: Test Applications

<b>TEST REPORT</b> <b>IEC 60204-1</b> <b>Safety of machinery - Electrical equipment of machines</b> <b>Part 1: General requirements</b>	
<b>Test specification:</b>	
Standard .....	IEC 60204-1:2016
Test procedure .....	Type Test
Non-standard test method.....	N/A
<b>Test Report Form No</b> ..... IEC60204_1C	
Test Report Form(s) Originator .....	Eurofins Electric & Electronic Product Testing AG
Master TRF .....	Dated: 2019-11-15
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<b>General disclaimer:</b> The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing CB Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the NCB, responsible for this Test Report.	





# Makinalarda Elektriksel Güvenlik Deneyleri

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<b>Test item particulars</b> .....:	
Classification of installation and use .....	Class I
Supply Connection.....	Detachable
.....	
.....	
<b>Possible test case verdicts:</b>	
- test case does not apply to the test object .....	N/A
- test object does meet the requirement .....	P (Pass)
- test object does not meet the requirement .....	F (Fail)
<b>Testing</b> .....:	
Date of receipt of test item.....	21.06.2022
Date (s) of performance of tests .....	30.06.2022
<b>General remarks:</b>	
"(See Enclosure #)" refers to additional information appended to the report. "(See appended table)" refers to a table appended to the report.	
Throughout this report a <input type="checkbox"/> comma / <input checked="" type="checkbox"/> point is used as the decimal separator.	
<b>General product information:</b> Rack cabinet and cooling fan.	





## Makinalarda Elektriksel Güvenlik Deneyleri

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IEC 60204-1			
Clause	Requirement - Test	Result - Remark	Verdict
<b>18</b>	<b>VERIFICATION</b>		p
18.2.2	Test 1: Verification of the continuity of the protective bonding circuit		P
	The resistance between the PE terminal (see 5.2 and Figure 4) and relevant points that are part of the protective bonding circuit shall be measured with a current between 0.2 A and approximately 10 A derived from an electrically separated supply source having a maximum no-load voltage of 24 V	See appended table	P
	The resistance measured shall be in the expected range		P
<b>18.3</b>	<b>Insulation resistance tests (optional)</b>		
	When insulation resistance tests are performed, the insulation resistance measured at 500 V DC between the power circuit conductors and the protective bonding circuit shall be not less than 1 MΩ	The test performed and results recorded; PE – L : 3320 MΩ PE – N: 2860 MΩ	P
	If the electrical equipment of the machine contains surge protection devices which are likely to operate during the test, it is permitted to either: – disconnect these devices, or – reduce the test voltage to a value lower than the voltage protection level of the surge protection devices	No such part.	N/A
<b>18.4</b>	<b>Voltage tests (optional)</b>		P
	The test voltage shall be at a nominal frequency of 50 Hz or 60 Hz.	Test performed and results recorded;	P
	The maximum test voltage shall have a value of twice the rated supply voltage of the equipment or 1 000 V, whichever is the greater	L – Top of Enclosure: 1000 V L – Left-Side of Enclosure: 1000V L – Glass: 1000V L – Right-Side of Enclosure: 1000V	
	The test voltage shall be applied between the power circuit conductors and the protective bonding circuit for at least 1 s	N – Top of Enclosure: 1000 V N – Left-Side of Enclosure: 1000V N – Glass: 1000V N – Right-Side of Enclosure: 1000V  After high-voltage test no spark or flashover observed.	
	Components and devices that are not rated to withstand the test voltage and surge protection devices shall be disconnected	No such part.	N/A







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18.2.2		TABLE: Test continuity of the protective bonding circuit			P
Measuring current $\geq 0.2$ A; $U \leq 24$ VAC/DC					—
No	Test point	Cross-section [mm <sup>2</sup> ]	R [ $\Omega$ ]	Remarks	
1	Fan Enclosure	0.75	0.005	P	
2	Top of Enclosure	0.75	0.007	P	
3	Left-Side of Enclosure	0.75	0.008	P	
4	Right-Side of Enclosure	0.75	0.008	P	
5	Front Door	0.75	0.015	P	
Supplementary information:					







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## Makinalarda Elektriksel Güvenlik Deneyleri

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### 10. Deney ve Ölçüm Bilgileri:

*Test and Measuring Arrangement*

<b>Cihaz</b> <i>Device</i>	<b>İmalatçı</b> <i>Manufacturer</i>	<b>Seri No. / Kod</b> <i>Serial No / Code</i>	<b>Sertifika No</b> <i>Certificate No</i>	<b>Kalibrasyon Bitiş Tarihi</b> <i>Calibration Due Date</i>
Temperature & Humidity Meter	CEM	LC349	S2200681	May/2023
Earth Continuity Test Device	REK	LC481	2202496	June/2023
High Voltage Test Device	REK	LC477	2200996	February/2023
Insulation Resistance Test Device	WUHAN	LC475	2201008	February/2023
Digital Caliper	ACCUD	LC365	6212	January/2023





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## Makinalarda Elektriksel Güvenlik Deneyleri

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### 11. DeneY Fotoğrafları:

Test Photographs



Photograph 1: Overall Enclosure



Photograph 2: Overall Enclosure



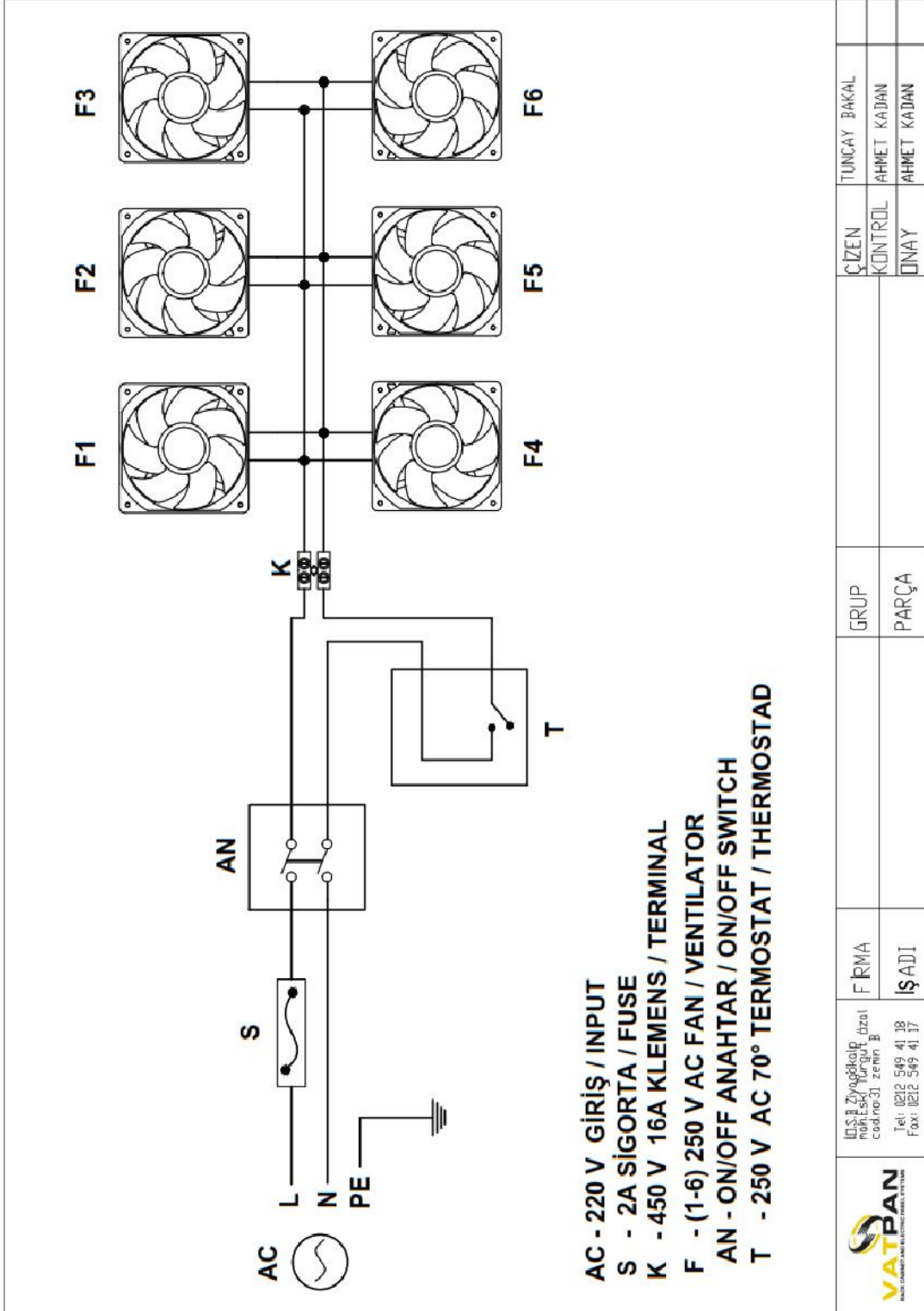
Photograph 3: Cooling Fan



Photograph 4: Cooling Fan



12. Firma Dokümanları:  
Documentation of Client







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## Makinalarda Elektriksel Güvenlik Deneyleri

Electrical Safety Tests of Machinery



### VATPAN FAN AYNİYET BELGESİ

VATPAN olarak işbu belge kapsamında üretilen Efficient serisi rack kabin, Server-X serisi rack kabin, Soft serisi rack kabin, Handy serisi rack kabin, Snab serisi rack kabin ve Outdoor serisi rack kabin ürünlerindeki 1'li,2li,4lü,6lı fan modülleri ayniyet standartlarına uygun ; olduğunu beyan ve taahhüt ederiz.

(As VATPAN, identification of 1, 2, 4, 6 fan modules in Efficient series rack cabinet, Server-X series rack cabinet, Soft series rack cabinet, Handy series rack cabinet, Snab series rack cabinet and Outdoor series rack cabinet products produced within the scope of this document. We declare and undertake that it complies with the standards.)

<u>Efficient Serisi</u>	<u>Server-X Serisi</u>	<u>Hady ve Soft Serisi</u>	<u>Outdoor Serisi</u>
VAT-FAN2-FS-OAT	VAT-FAN2-ST-OAT	VAT-FAN1-WM-OAT	VAT-FAN1-OT-OAT
VAT-FAN4-FS-OAT	VAT-FAN4-ST-OAT	VAT-FAN2-WM-OAT	VAT-FAN2-OT-OAT
VAT-FAN6-FS-OAT	VAT-FAN6-ST-OAT	VAT-FAN1-WM-ODT	VAT-FAN1-OT-ODT
VAT-FAN2-FS-ODT	VAT-FAN2-ST-ODT	VAT-FAN2-WM-ODT	VAT-FAN2-OT-ODT
VAT-FAN4-FS-ODT	VAT-FAN4-ST-ODT		
VAT-FAN6-FS-ODT	VAT-FAN6-ST-ODT		

#### ÜRETİCİ / MANUFACTURER

ADI / FIRST NAME : VAT ELEKTRİK SANAYİ TİCARET LTD.ŞTİ.

ADRESİ / ADDRESS : Eski Turgut Özal Cad. Ziya Gökalp Mh. No:31 Ak İş Merkezi BAŞAKŞEHİR /İSTANBUL

TEL / TELL : 0212 549 41 18

Teknik Dosyayı Temin / Providing the Technical File :

Etmekle Yetkili Kişinin/ Person Authorized to:

Adı ve Adresi / Name and Address: Ahmet KADAN

Eski Turgut Özal Cad. Ziya Gökalp Mh. No:31 Ak İş Merkezi BAŞAKŞEHİR /İSTANBUL

Biz üretici olarak aşağıda tanımlanan ürünlerin 2014/35/AB Alçak Gerilim Yönetmeliği ve 2014/30/AB Elektromanyetik Uyumluluk yönetmeliği temel sağlık ve güvenlik gerekliliklerine ve ilgili harmonize standartlarına uygun olduğunu beyan ve taahhüt ederiz.

(As a manufacturer, we are the manufacturer of the products defined below in the 2014/35/EU Low Voltage Directive and 2014/30/EU. Electromagnetic Compatibility directive to essential health and safety requirements and related harmonized

We declare and undertake that it complies with the standards.)

Aşağıda tanımlanan ürünlerin iç üretim kontrolü, son kontrol ve uygunluk denetimleri

VAT ELEKTRİK SAN.TIC.LTD. ŞTİ. tarafından yapılmaktadır.

(Internal production control, final control and conformity audits of the products described below

VAT ELECTRICITY INDUSTRY TRADE LTD. STI. made by)

MAKİNA TANIMI: FAN MODÜLÜ(Free Standing, Wall Maunting, Server Type, Outdoor Type)

(MACHINE DESCRIPTION: FAN MODULE(Freestanding, Wall Mount, Server Type, Outdoor Type)

MODEL :VAT-FANX-YY-ZZZ#

ÖRNEK :VAT-FAN2-FS-OAT#

X notasyonu fan sayısını ifade eder. 1,2,3,4,5,6;

YY notasyonu ürün aile grubunu ifade eder. (WM:Wall Mount,FS:Free Standing,OT: Outdoor Type PT)

ZZZ On/Off butonlu Analog Mekanik termostatlı OAT, On/Off butonlu Dijital termostatlı ODT;

#### ÜRETİCİ ADINA / ON BEHALF OF THE MANUFACTURER;

AD-SOYAD :Ahmet KADAN

YER/TARİH :İSTANBUL / 27.06.2022

ÜNVAN :GENEL MÜDÜR

İMZA :

VAT ELEKTRİK SAN. TİC. LTD. ŞTİ.  
Eski Turgut Özal Cad. Ziya Gökalp Mh. No:31 Ak İş Merkezi BAŞAKŞEHİR /İSTANBUL  
İletişim: 0212 549 41 18





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## Makinalarda Elektriksel Güvenlik Deneyleri

Electrical Safety Tests of Machinery



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### NUMUNE BİLGİ FORMU

Sample Information Form



<b>Firma Ünvanı</b>	:	VAT ELEKTRİK SAN. TİC. LTD. ŞTİ.
<b>Firma Adresi</b>	:	İkitelli Org. San. Böl. Eski Turgut Özal Cad. No:31 Ak İş Merkezi Başakşehir/İSTANBUL
<b>Üretici Ünvanı</b>	:	VAT ELEKTRİK SAN. TİC. LTD. ŞTİ.
<b>Üretici Adresi</b>	:	İkitelli Org. San. Böl. Eski Turgut Özal Cad. No:31 Ak İş Merkezi Başakşehir/İSTANBUL
<b>Marka</b>	:	VATPAN
<b>Model</b>	:	6 Girişli Fan Modülü
<b>Seri No</b>	:	TEST SAMPLE
<b>Beyan Gerilimi</b>	:	220/240V
<b>Beyan Akımı</b>	:	0.78-084 A
<b>Beyan Gücü</b>	:	
<b>Beyan Frekansı</b>	:	50/50Hz
<b>Numunenin Tanımı</b>	:	RACK KABIN VE 6 GİRİŞLİ FAN MODULU

#### Kritik Komponent Listesi\*\*

Critical Component List

Bileşen Detayları Component	İmalatçı/Marka Detayları	Tip/Model Numarası	Bileşene Ait Teknik Özellikler	Bileşenin Belgelendirildiği Standart	İlgili Belgenin Sertifikası vb. Numarası
TESİSAT KABLOSU	BORSAN	0,75mm <sup>2</sup>	H05V-K	TS EN 50525-2-31	CE
TESİSAT KABLOSU	BORSAN	0,75mm <sup>2</sup>	H07V-K	TS EN 50525-2-31	CE
FAN KABLOSU	BW	12012038AC Wire 2 Pins	80C VW-1 300V 22AWG	CE	CE
FAN	BW	12012038AC Fan	200/240 VAC 50/60 Hz	2006/95/EC	CE
FAN KABLOSU	TİDAR	12012038AC Wire 2 Pins	80C VW-1 300V 22AWG	CE	CE
FAN	TİDAR	12012038AC Fan	200/240 VAC 50/60 Hz	2006/95/EC	CE
FAN KABLOSU	DEMEX	12012038AC Wire 2 Pins	80C VW-1 300V 22AWG	CE	CE
FAN	DEMEX	12012038AC Fan	200/240 VAC 50/60 Hz	2006/95/EC	CE
FAN KABLOSU	TAIDA	12012038AC Wire 2 Pins	80C VW-1 300V 22AWG	CE	CE
FAN	TAIDA	12012038AC Fan	200/240 VAC 50/60 Hz	2006/95/EC	CE
FAN KABLOSU	DEMEX	12012038AC Wire 2 Pins	80C VW-1 300V 22AWG	CE	CE
FAN	DEMEX	12012038AC Fan	200/240 VAC 50/60 Hz	2006/95/EC	CE
TERMOSTAD	BLAUBERG	TPM1P0070	230VAC 10A 50 Hz	UL94 V	UL

Raporda geçecek firma bilgileri yazılmalıdır.  
Kritik Komponent Listesi ve Teknik çizim firma antetli kağıdına, firma keşesi ve yetkili kişi imzası ile hazırlanmalıdır.  
Güvenlik deneyleri yapılacak numuneler için Kritik Komponentlerin CE belgeleri ibraz edilmelidir.

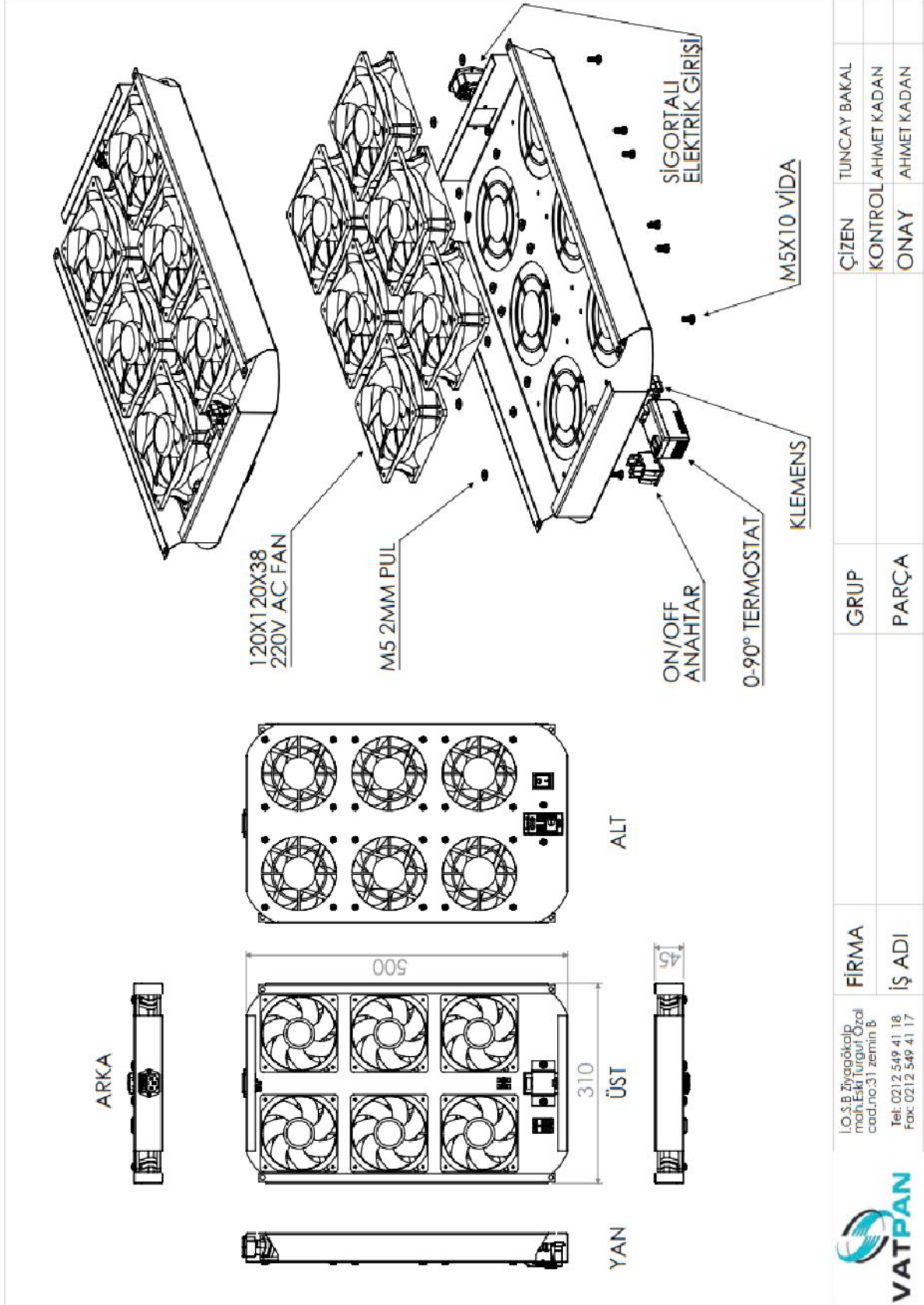
FRT.23/Rev02/0720

Sayfa 1

VAT ELEKTRİK SAN. TİC. LTD. ŞTİ.  
İkitelli OSB Eski Turgut Özal Cad.  
No:31/1 Başakşehir / İSTANBUL  
İkitelli V.D. : 904 006 5382







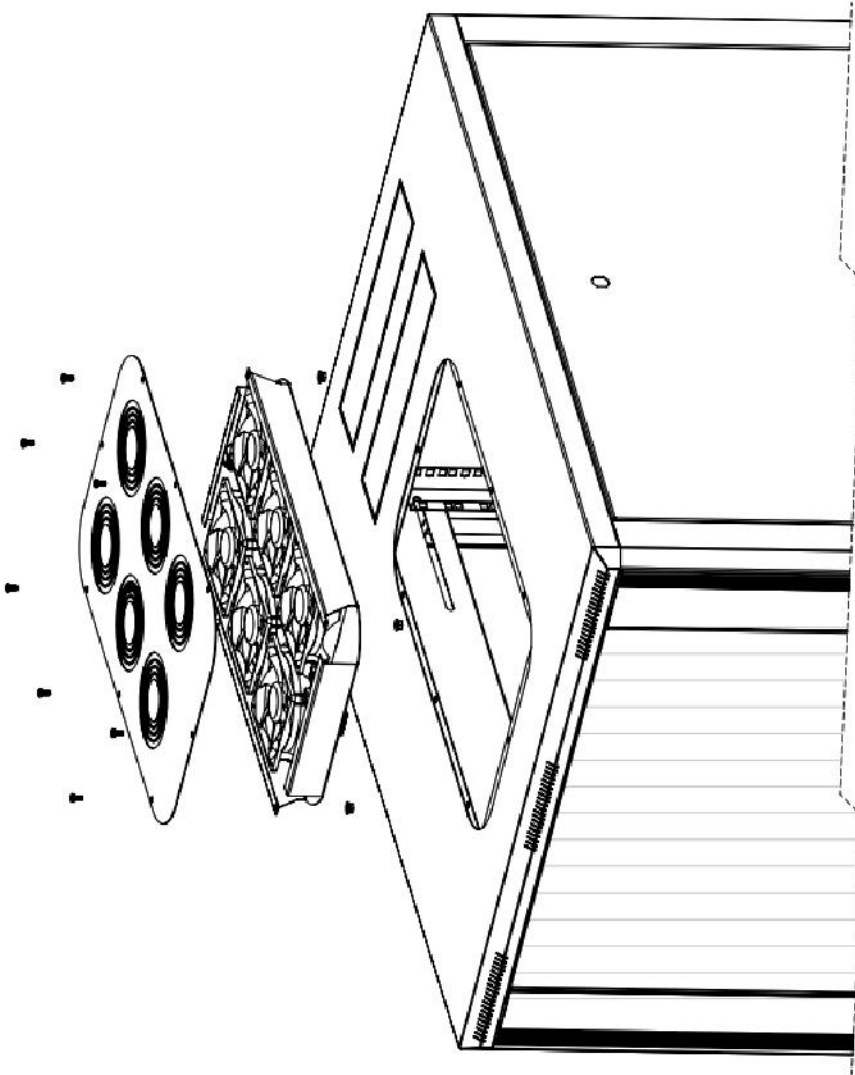




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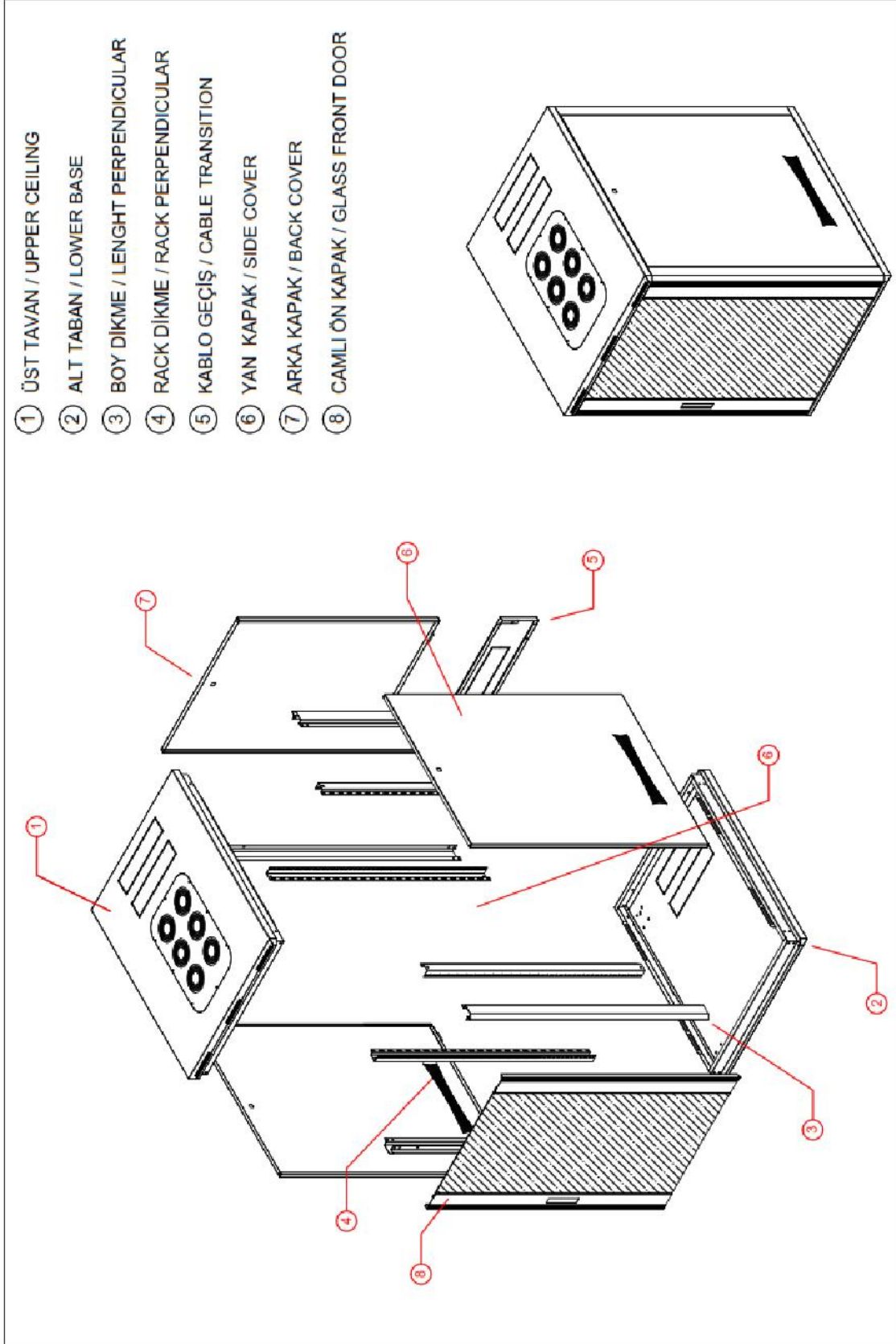
## Makinalarda Elektriksel Güvenlik Deneyleri

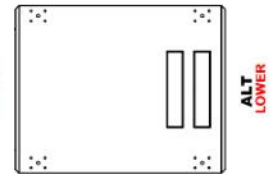
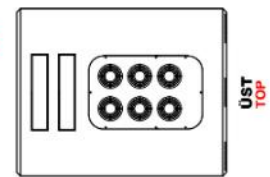
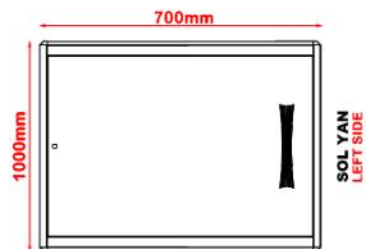
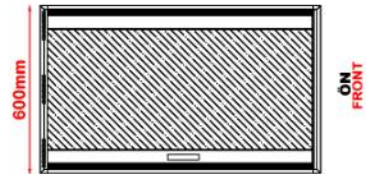
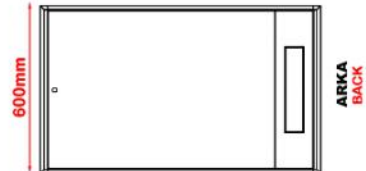
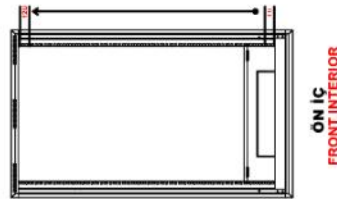
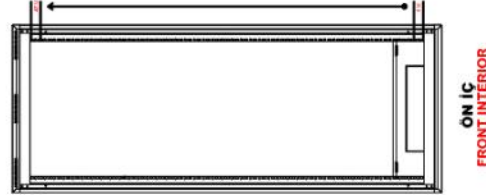
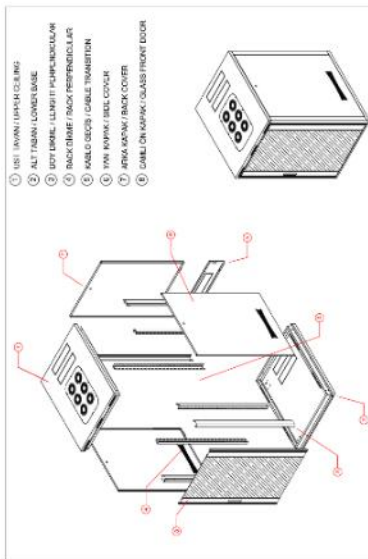
Electrical Safety Tests of Machinery



I.O.S.B. Ziyogökalp müh. Eski Turgut Özal cad.no:31 zemin B Tel: 0212 549 41 18 Fax: 0212 549 41 17		FİRMA	GRUP	ÇİZEN	TUNCAY BAKAL
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					AHMET KADAN












Test Laboratuvarları

# Makinalarda Elektriksel Güvenlik Deneyleri

Electrical Safety Tests of Machinery

DECLARATION OF CONFORMITY



**CTS**

CENTRE OF TESTING SERVICE  
OPERATE ACCORDING TO ISO/IEC 17025

## EC DECLARATION OF CONFORMITY

EU - LOW VOLTAGE DIRECTIVE -

This declares that the following designated product:

**TUBE-AXIAL AC FANS**

**Model No. : 120x120x38/220V-240V**  
 120x120x25/220V-240V  
 80x80x25/220V-240V  
 80x80x38/220V-240V  
 108x108x26/220V-240V  
 92x92x38/220V-240V  
 92x92x25/220V-240V  
 150x150x50/220V-240V

(Product identification)

complies with the requirements of the European Community Directive 2006/95/EC.

This declaration is awarded following tests carried out on samples of the product referred to above.

Assumption of compliance of the product with the requirements relating to the  
Low Voltage Directive (LVD) was based on the following standards:


**EN 60335-1:2002+A11: 2004+A1: 2004+A12: 2006**

(Identification of regulations / standards)

This declaration is the responsibility of the manufacturer / importer

**ZHEJIANG TAIDA MINIATURE ELECTRICAL MACHINERY CO.,LTD.**  
**THE FIRST OF THE INDUSTRIAL PARK, XINSHI DEQING**  
**ZHEJIANG, CHINA**

(Name / Address)




**THIS DOC IS ONLY VALID IN CONNECTION WITH TEST REPORT NUMBER : CTS070827-01345-L**

**MANUFACTURER / IMPORTER**

**TEST LABORATORY**

This is the result of test, that was carried out from the submitted type-samples of a product in conformity with the specification of the respective standards.  
The declaration holder has the right to fix the CE-mark for LVD on the product complying with the inspection sample.

Oct. 24, 2007  
(Date)



(Company stamp)

**CENTRE OF TESTING SERVICE**  
 Fl.2 South, HuoJu Building, No.181 CangHui Rd., Jiangdong Hi-tech Park  
 Ningbo, China

005905





Test Laboratuvarları

## Makinalarda Elektriksel Güvenlik Deneyleri Electrical Safety Tests of Machinery



# CERTIFICATE

## ATTESTATION CERTIFICATE OF ELECTROMAGNETIC COMPATIBILITY AND LOW VOLTAGE DIRECTIVES

Technical file of the company mentioned below has been observed

2014/30/EU Electromagnetic Compatibility Directive and  
2014/35/EU Low Voltage Directives have been taken as references for these processes

Company Name	: Acikel Elektronik San.Tic. Ltd. Sti.
Company Address	: Mesruiyet Cad. No:82 Sishane-istanbul Turkey.
Manufacturer Name	: Jiangsu Nengdian Energy Science and Technology Co., Ltd.
Manufacturer Address	: 2nd floor,Building# 2,Green Construction Area,No.#199,Hongxi Road, Niutang Town, Wujin District, Changzhou City, Jiangsu Province, China.
Related Directives and Annex	: 2014/35/EU Low Voltage Directive 2014/30/EU Electromagnetic Compatibility Directive
Related Standards	: EN 60335-1:2012, EN 61000-6-1:2007, EN 61000-6-3:2007+A1:2011+AC:2012
Product Name	: DEMEX Digital Thermostat
Report No and Date	: SCC(17)-0519-135-LVD, SCC(17)-0519-135-EMC
Product Brand/Model/Type	: DMX-DT01
Certificate Number	: M.2016.201.N1269
Initial Assessment Date	: 19.05.2017
Registration Date	: 22.05.2017
Reissue Date/No	: -
Expiry Date	: 21.05.2022

The validity of the certificate can be checked through [www.udemtd.com.tr](http://www.udemtd.com.tr). The CE mark shown on the right can only be used under the responsibility of the manufacturer with the completion of EC Declaration of Conformity for all the relevant Directives. This certificate remains the property of UDEM International Certification Auditing Training Centre Industry and Trade Co. Ltd. to whom it must be returned upon request. The above named firm must keep a copy of this certificate for 15 years from the registration of certificate. This certificate only covers the product(s) stated above and UDEM must be notified in case of any changes on the product(s)

Address: Mutlukent Mahallesi 2073 Sokak (Eski 93 Sokak) No:10 Çankaya – Ankara – TURKEY  
Phone: +90 0312 443 03 90 Fax: +90 0312 443 03 76  
E-mail: [info@udemtd.com.tr](mailto:info@udemtd.com.tr) [www.udemtd.com.tr](http://www.udemtd.com.tr)

  
UDEM International Certification  
Auditing Training Centre Industry  
and Trade Co. Ltd.

