



Test Laboratuvarları

LVT Test Laboratuvarları Ltd. Şti.

www.lvt.com.tr

Saray Modern Keresteciler Sanayi Sitesi 4.Cadde No:9

Kazan / ANKARA

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AB-0341-T

22-1821-
R1-N1-1

07-22

1/26

DENEY RAPORU

Test Report

Müşteri Client	: VAT ELEKTRİK SAN. TİC. LTD. ŞTİ.
Adres Address	: İKİTELLİ ORG. SAN. BÖL. ESKİ TURGUT ÖZAL CAD. NO:31 AK İŞ MERKEZİ BAŞAKŞEHİR/İSTANBUL
İmalatçı Manufacturer	: VAT ELEKTRİK SAN. TİC. LTD. ŞTİ.
Teklif Numarası Order No	: 22-1821-R1
Deney Numunesi Test Sample	: RACK KABİN ve 6 GİRİŞLİ FAN MODÜLÜ
Marka Trade Mark	: VATPAN
Deney Metodu Test Method	: TS EN 62368-1:2020 – AC:2020 – A11:2020
Deney Tarihi Date of Test	: 30.06.2022
Toplam Sayfa Sayısı Total Number of Pages	: 26
Basım Tarihi 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 (TÜRKAK) 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.

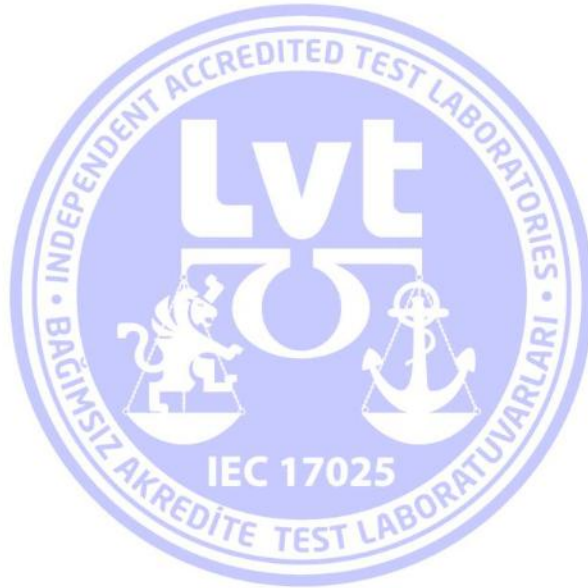
You can check the report details via QR code.

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

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FRT.68/Rev09/0422

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1. Numunelerin Tanımı
Definition of the Samples

RACK KABİN ve 6 GİRİŞLİ FAN MODÜLÜ

1.1 RACK KABİN ve 6 GİRİŞLİ FAN MODÜLÜ

(22-1821-R1-N1)

Numune Kabul Tarihi <i>Receiving Date</i>	:	21.06.2022
Numune Seri No <i>Serial No</i>	:	TEST SAMPLE
Tip <i>Type</i>	:	Rack kabin ve 6 girişli fan modülü
Kutup Sayısı <i>Number of Poles</i>	:	LN+PE
Beyan Gerilimi <i>Rated Voltage</i>	U_n :	220/240 V _{AC}
Beyan Akımı <i>Rated Current</i>	I_n :	0.78-0.84 A
Beyan Frekans <i>Rated Frequency</i>	f_n :	50 Hz
Beyan Koruma Derecesi <i>Rated Degree of Protection</i>	IP :	X0
Numune Boyutları <i>Dimensions of the Sample</i>	mm :	See documentation of client.
Numune Ağırlığı <i>Weight of the Sample</i>	kg :	-
Sınıf <i>Class</i>	:	I
Cihaz – Malzeme Listesi <i>Device – Component List</i>	:	See documentation of client.

2. Deneysel Sonuçları
Test Results

: Deneysel 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 <i>Sample</i>	Uygulanan Deneysel <i>Applied Test</i>	Sonuç <i>Result</i>
RACK KABİN ve 6 GİRİŞLİ FAN MODÜLÜ	Cl.5.4.9 – Electric Strength Test	OLUMLU PASSED
	Cl.5.6.6 – Resistance of the protective bonding system	
	Cl.5.7 – Prospective touch voltage, touch current and protective conductor current	
	Cl.B.2.5 – Input test	

3. Çevre Şartları
Environmental Conditions

3.1 Ortam Sıcaklığı : (25±5) °C
Ambient Temperature

3.2 Ortam Nemi : (38±5) %Rh
Ambient Moisture

4. Deneysel Metodundan Sapma, Ekleme ve Çıkarmalar

: Deneysel; standart deneysel metoduna göre uygulanmıştır.
Tests were made according to the clauses of the relevant standards.
Deviations, Additions & Cutbacks from the Test Method

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5.	Şartnamelere Uygunluk (Gerekli Hallerde) <i>Conformity to Specifications (If Necessary)</i>	:	-
6.	Dağıtım Bilgileri <i>Distribution Information</i>	:	VAT ELEKTRİK SAN. TİC. LTD. ŞTİ.
7.	Açıklama <i>Explanation</i>	:	Müşteri isteği ile rapor içeriğindeki maddeler uygulanmıştır. <i>At the request of the client, only the items in the report were applied.</i>
8.	Ölçüm Belirsizliği <i>Uncertainty of Measurement</i>	:	-



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9. Deney Uygulamaları: Test Applications

TEST REPORT IEC 62368-1 Audio/video, information and communication technology equipment Part 1: Safety requirements	
Test specification:	
Standard	IEC 62368-1:2018
Test procedure	CB Scheme
Non-standard test method	N/A
TRF template used	IECEE OD-2020-F1:2020, Ed.1.3
Test Report Form No.	IEC62368_1E
Test Report Form(s) Originator	UL(US)
Master TRF	Dated 2021-02-04
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Copy of marking plate:

The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective NCBs that own these marks.

FAN MODULE:VAT-FAN6-FS-OAT
220/240 V-50/80 HZ
0.78-0.84A

VATPAN - VAT ELEKTRİK SAN. TİC. LTD. ŞTİ.
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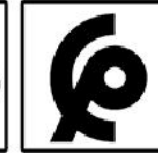
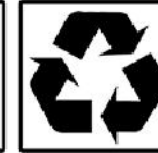
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Test item particulars:	
Product group	<input checked="" type="checkbox"/> end product <input type="checkbox"/> built-in component
Classification of use by	<input checked="" type="checkbox"/> Ordinary person <input type="checkbox"/> Children likely present <input checked="" type="checkbox"/> Instructed person <input type="checkbox"/> Skilled person
Supply connection	<input checked="" type="checkbox"/> AC mains <input type="checkbox"/> DC mains <input type="checkbox"/> not mains connected: <input type="checkbox"/> ES1 <input type="checkbox"/> ES2 <input checked="" type="checkbox"/> ES3
Supply tolerance	<input checked="" type="checkbox"/> +10%/-10% <input type="checkbox"/> +20%/-15% <input type="checkbox"/> + %/ - % <input type="checkbox"/> None
Supply connection – type	<input checked="" type="checkbox"/> pluggable equipment type A - <input checked="" type="checkbox"/> non-detachable supply cord <input type="checkbox"/> appliance coupler <input type="checkbox"/> direct plug-in <input type="checkbox"/> pluggable equipment type B - <input type="checkbox"/> non-detachable supply cord <input type="checkbox"/> appliance coupler <input type="checkbox"/> permanent connection <input type="checkbox"/> mating connector <input type="checkbox"/> other: <input type="checkbox"/> A; Location: <input type="checkbox"/> building <input type="checkbox"/> equipment
Considered current rating of protective device	<input checked="" type="checkbox"/> N/A <input type="checkbox"/> movable <input type="checkbox"/> hand-held <input type="checkbox"/> transportable <input type="checkbox"/> direct plug-in <input checked="" type="checkbox"/> stationary <input type="checkbox"/> for building-in <input type="checkbox"/> wall/ceiling-mounted <input type="checkbox"/> SRME/rack-mounted <input type="checkbox"/> other:
Equipment mobility.....	<input type="checkbox"/> OVC I <input checked="" type="checkbox"/> OVC II <input type="checkbox"/> OVC III <input type="checkbox"/> OVC IV <input type="checkbox"/> other:
Overvoltage category (OVC)	<input checked="" type="checkbox"/> Class I <input type="checkbox"/> Class II <input type="checkbox"/> Class III <input type="checkbox"/> Not classified <input type="checkbox"/>
Class of equipment	<input checked="" type="checkbox"/> N/A <input type="checkbox"/> restricted access area <input type="checkbox"/> outdoor location <input type="checkbox"/>
Special installation location	<input type="checkbox"/> PD 1 <input checked="" type="checkbox"/> PD 2 <input type="checkbox"/> PD 3
Pollution degree (PD)	°C <input type="checkbox"/> Outdoor: minimum °C
Manufacturer's specified T _{ma}	<input checked="" type="checkbox"/> IPX0 <input type="checkbox"/> IP__
IP protection class	<input checked="" type="checkbox"/> TN <input type="checkbox"/> TT <input type="checkbox"/> IT - V _{L-L}
Power systems	<input type="checkbox"/> not AC mains
Altitude during operation (m)	<input checked="" type="checkbox"/> 2000 m or less <input type="checkbox"/> m
Altitude of test laboratory (m)	<input type="checkbox"/> 2000 m or less <input checked="" type="checkbox"/> 780 m
Mass of equipment (kg)	-





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Possible test case verdicts:

- 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)

Testing:

- Date of receipt of test item : 21.06.2022
- Date (s) of performance of tests..... : 30.06.2022

General remarks:

"(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 comma / point is used as the decimal separator.

General product information and other remarks: Rack cabinet and cooling fan.





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OVERVIEW OF ENERGY SOURCES AND SAFEGUARDS				
Clause	Possible Hazard			
5	Electrically-caused injury			
Class and Energy Source (e.g. ES3: Primary circuit)	Body Part (e.g. Ordinary)	Safeguards		
		B	S	R
N/A	-	-	-	-
N/A	-	-	-	-
6	Electrically-caused fire			
Class and Energy Source (e.g. PS2: 100 Watt circuit)	Material part (e.g. Printed board)	Safeguards		
		B	1 st S	2 nd S
N/A	-	-	-	-
7	Injury caused by hazardous substances			
Class and Energy Source (e.g. Ozone)	Body Part (e.g., Skilled)	Safeguards		
		B	S	R
N/A	-	-	-	-
8	Mechanically-caused injury			
Class and Energy Source (e.g. MS3: Plastic fan blades)	Body Part (e.g. Ordinary)	Safeguards		
		B	S	R
N/A	-	-	-	-
N/A	-	-	-	-
9	Thermal burn			
Class and Energy Source (e.g. TS1: Keyboard caps)	Body Part (e.g., Ordinary)	Safeguards		
		B	S	R
N/A	-	-	-	-
10	Radiation			
Class and Energy Source (e.g. RS1: PMP sound output)	Body Part (e.g., Ordinary)	Safeguards		
		B	S	R
N/A	-	-	-	-
Supplementary Information: "B" – Basic Safeguard; "S" – Supplementary Safeguard; "R" – Reinforced Safeguard				





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ENERGY SOURCE DIAGRAM

Optional. Manufacturers are to provide the energy sources diagram identify declared energy sources and identifying the demarcations are between power sources. Recommend diagram be provided included in power supply and multipart systems.

Insert diagram below. Example diagram designs are; Block diagrams; image(s) with layered data; mechanical drawings

ES PS MS TS RS





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IEC 62368-1			
Clause	Requirement + Test	Result - Remark	Verdict
5	ELECTRICALLY-CAUSED INJURY		P
5.4	Insulation materials and requirements		P
5.4.9	Electric strength test	See below;	P
5.4.9.1	Test procedure for type test of solid insulation	The voltage applied to the insulation under test is gradually raised from zero to the prescribed voltage and maintained at that value for 60 s. Where necessary, the insulation is tested with a metal foil in contact with the insulating surface. This procedure is limited to places where the insulation is likely to be weak (for example, where there are sharp metal edges under the insulation). If practicable, insulating linings are tested separately. Care is taken that the metal foil is so placed that no flashover occurs at the edges of the insulation. Where adhesive metal foil is used, the adhesive shall be conductive. (See appended table 5.4.9)	P
5.4.9.2	Test procedure for routine test		N/A
5.6	Protective conductor		P
5.6.6	Resistance of the protective bonding system	See below;	P
5.6.6.1	Requirements	Protective bonding conductors and their terminations not have excessive resistance.	P
5.6.6.2	Test Method	For equipment powered from the mains where the protective current rating of the circuit under test is 25 A or less, the test current is 200 % of the protective current rating applied for 2 min. (See appended table 5.6.6)	P
5.6.6.3	Resistance (Ω) or voltage drop	The resistance of the protective bonding system, calculated from the voltage drop, not exceed 0,1 Ω . (See appended table 5.6.6)	P





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5.7	Prospective touch voltage, touch current and protective conductor current		P
5.7.2	Measuring devices and networks		P
5.7.2.1	Measurement of touch current	Measured.	P
5.7.2.2	Measurement of voltage	Touch current did not exceed the limits.	N/A
5.7.3	Equipment set-up, supply connections and earth connections		N/A
5.7.4	Unearthed accessible parts	Touch current measured. (See appended table 5.7.4)	P
5.7.5	Earthed accessible conductive parts	Earthed accessible conductive parts measured. (See appended table 5.7.5)	P
5.7.6	Requirements when touch current exceeds ES2 limits	Touch current did not exceed ES2 limits.	N/A
	Protective conductor current (mA)		N/A
	Instructional Safeguard		N/A
5.7.7	Prospective touch voltage and touch current associated with external circuits		N/A
5.7.7.1	Touch current from coaxial cables	No coaxial cable used.	N/A
5.7.7.2	Prospective touch voltage and touch current associated with paired conductor cables		N/A
5.7.8	Summation of touch currents from external circuits		N/A
	a) Equipment connected to earthed external circuits, current (mA)		N/A
	b) Equipment connected to unearthed external circuits, current (mA)		N/A

B	NORMAL OPERATING CONDITION TESTS, ABNORMAL OPERATING CONDITION TESTS AND SINGLE FAULT CONDITION TESTS		P
B.2	Normal operating conditions		P
B.2.5	Input test	The measured input current or input power under normal operating conditions, but at the rated voltage or at each end of each rated voltage range, not exceed the rated current or rated power by more than 10 %.	P





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5.4.9	TABLE: Electric strength tests			P
Test voltage applied between:	Voltage shape (Surge, Impulse, AC, DC, etc.)	Test voltage (V)	Breakdown Yes / No	
L – Top of Enclosure	AC	1500	No	
L – Left Side of Enclosure	AC	1500	No	
L – Glass	AC	3000	No	
L – Right-Side of Enclosure	AC	1500	No	
L – PE	AC	1500	No	
N – Top of Enclosure	AC	1500	No	
N – Left Side of Enclosure	AC	1500	No	
N – Glass	AC	3000	No	
N – Right-Side of Enclosure	AC	1500	No	
N – PE	AC	1500	No	
Supplementary information:				
Regarding to manufacturer's request, insulation resistance test between L-PE and N-PE with 500V _{DC} is also applied. All measured resistances are greater than 20MΩ.				

5.6.6	TABLE: Resistance of protective conductors and terminations				P
Location	Test current (A)	Duration (min)	Voltage drop (V)	Resistance (Ω)	
Fan Enclosure	25	2	0.125	0.005	
Top of Enclosure	25	2	0.175	0.007	
Left-Side of Enclosure	25	2	0.2	0.008	
Right-Side of Enclosure	25	2	0.2	0.008	
Front Door	25	2	0.375	0.015	
Supplementary information:					





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5.7.4	TABLE: Unearthed accessible parts					P
Location	Operating and fault conditions	Supply Voltage (V)	Parameters			ES class
			Voltage (V _{rms} or V _{pk})	Current (A _{rms} or A _{pk})	Freq. (Hz)	
Glass Enclosure	OC	220V	-	0.0000002	50	ES1
Supplementary information: Abbreviation: SC= short circuit; OC= open circuit						

5.7.5	TABLE: Earthed accessible conductive part				P
Supply voltage (V).....:	220				—
Phase(s)	[x] Single Phase; [] Three Phase: [] Delta [] Wye				
Power Distribution System	[x] TN [] TT [] IT				
Location	Fault Condition No in IEC 60990 clause 6.2.2	Touch current (mA)	Comment		
Fan Enclosure	1	0.0042	*Comply		
Top of Enclosure	1	0.0046	*Comply		
Left-Side of Enclosure	1	0.0041	*Comply		
Right-Side of Enclosure	1	0.0040	*Comply		
Front Door	1	0.0056	*Comply		
Fan Enclosure	1 reversed	0.0042	*Comply		
Top of Enclosure	1 reversed	0.0042	*Comply		
Left-Side of Enclosure	1 reversed	0.0043	*Comply		
Right-Side of Enclosure	1 reversed	0.0041	*Comply		
Front Door	1 reversed	0.0040	*Comply		
Fan Enclosure	2	0.0063	*Comply		
Top of Enclosure	2	0.0067	*Comply		
Left-Side of Enclosure	2	0.0062	*Comply		
Right-Side of Enclosure	2	0.0062	*Comply		
Front Door	2	0.0065	*Comply		
Fan Enclosure	2 reversed	0.0067	*Comply		
Top of Enclosure	2 reversed	0.0070	*Comply		
Left-Side of Enclosure	2 reversed	0.0068	*Comply		
Right-Side of Enclosure	2 reversed	0.0063	*Comply		
Front Door	2 reversed	0.0068	*Comply		
Supplementary Information:					
*Compliance criteria: Current limit shall not exceed ES2 limit.					





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B.2.5 TABLE: Input test								P
U (V)	Hz	I (A)	I rated (A)	P (W)	P rated (W)	Fuse No	I fuse (A)	Condition/status
220V	50	0.8	0.78-0.84	154.88	-	-	-	Comply.
240V	50	0.8	0.78-0.84	168.96	-	-	-	Comply.

Supplementary information:

For the compliance, the measured input current or input power under normal operating conditions, but at the rated voltage or at each end of each rated voltage range, shall not exceed the rated current or rated power by more than 10 %.

10. Deneş ve Ölçüm Bilgileri:

Test and Measuring Arrangement

Cihaz Device	İmalatçı Manufacturer	Seri No. / Kod Serial No / Code	Sertifika No Certificate No	Kalibrasyon Bitiş Tarihi Calibration Due Date
Humidity & Temp. Recorder	CEM	LC349	6216	January/2023
Medical Safety Analyzer	FLUKE	LC91	146401	July/2022
High-Voltage Tester	REK	LC482	2200996	February/2023
Earthing Continuity Tester	REK	LC476	31405	February/2023
Harmonic & Flicker Tester	TTI	LC96	E2203396	April/2023

11. Deneş Osilogramları:

Test Oscillograms





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12. Deney Fotoğrafları:

Test Photographs



Photograph 1: Overall Enclosure



Photograph 2: Overall Enclosure



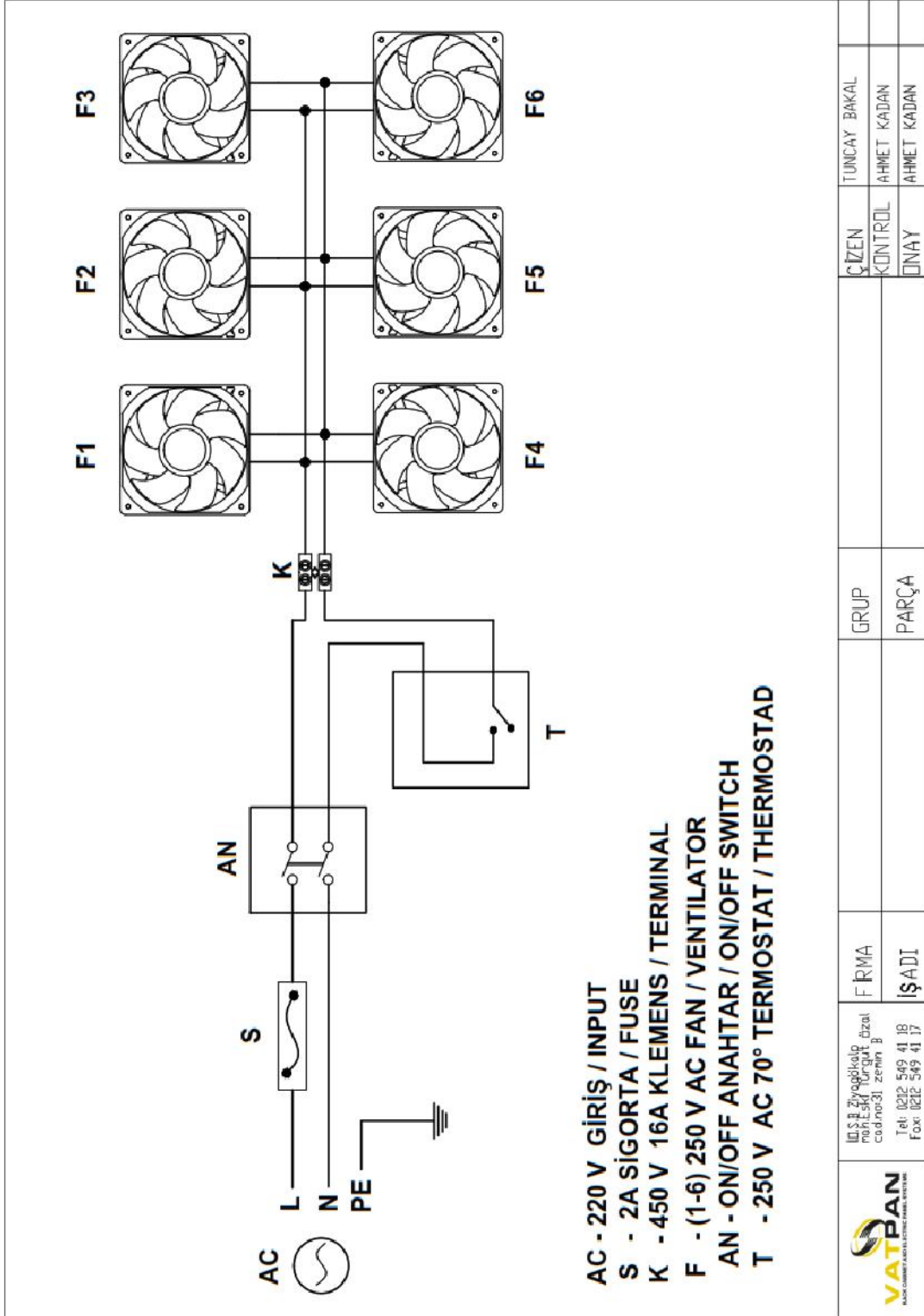
Photograph 3: Cooling Fan



Photograph 4: Cooling Fan



13. Firma Dokümanları:
Documentation of Client





Test Laboratuvarları

AUDIO/VIDEO, BİLGİ VE İLETİŞİM TEKNOLOJİLERİ DONANIMI DENEYLERİ

Audio/Video, Information And Communication Technology Equipment Tests



VATPAN FAN AYNIYET 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.TİC.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.
İstiklal OSB Eski Turgut Özal Cad.
No:31 / 1 Başakşehir / İSTANBUL
İletişim: 0212 549 41 18





AUDIO/VIDEO, BİLGİ VE İLETİŞİM TEKNOLOJİLERİ DONANIMI DENEYLERİ

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Test Laboratuvarları



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NUMUNE BİLGİ FORMU

Sample Information Form



Firma Ünvanı	:	VAT ELEKTRİK SAN. TİC. LTD. ŞTİ.
Firma Adresi	:	İkitelli Org. San. Böl. Eski Turgut Özal Cad. No:31 Ak İş Merkezi Başakşehir/İSTANBUL
Üretici Ünvanı	:	VAT ELEKTRİK SAN. TİC. LTD. ŞTİ.
Üretici Adresi	:	İkitelli Org. San. Böl. Eski Turgut Özal Cad. No:31 Ak İş Merkezi Başakşehir/İSTANBUL
Marka	:	VATPAN
Model	:	6 Girişli Fan Modülü
Seri No	:	TEST SAMPLE
Beyan Gerilimi	:	220/240V
Beyan Akımı	:	0.78-084 A
Beyan Gücü	:	
Beyan Frekansı	:	50/50Hz
Numunenin Tanımı	:	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 ²	H05V-K	TS EN 50525-2-31	CE
TESİSAT KABLOSU	BORSAN	0,75mm ²	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	1PM1P0070	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

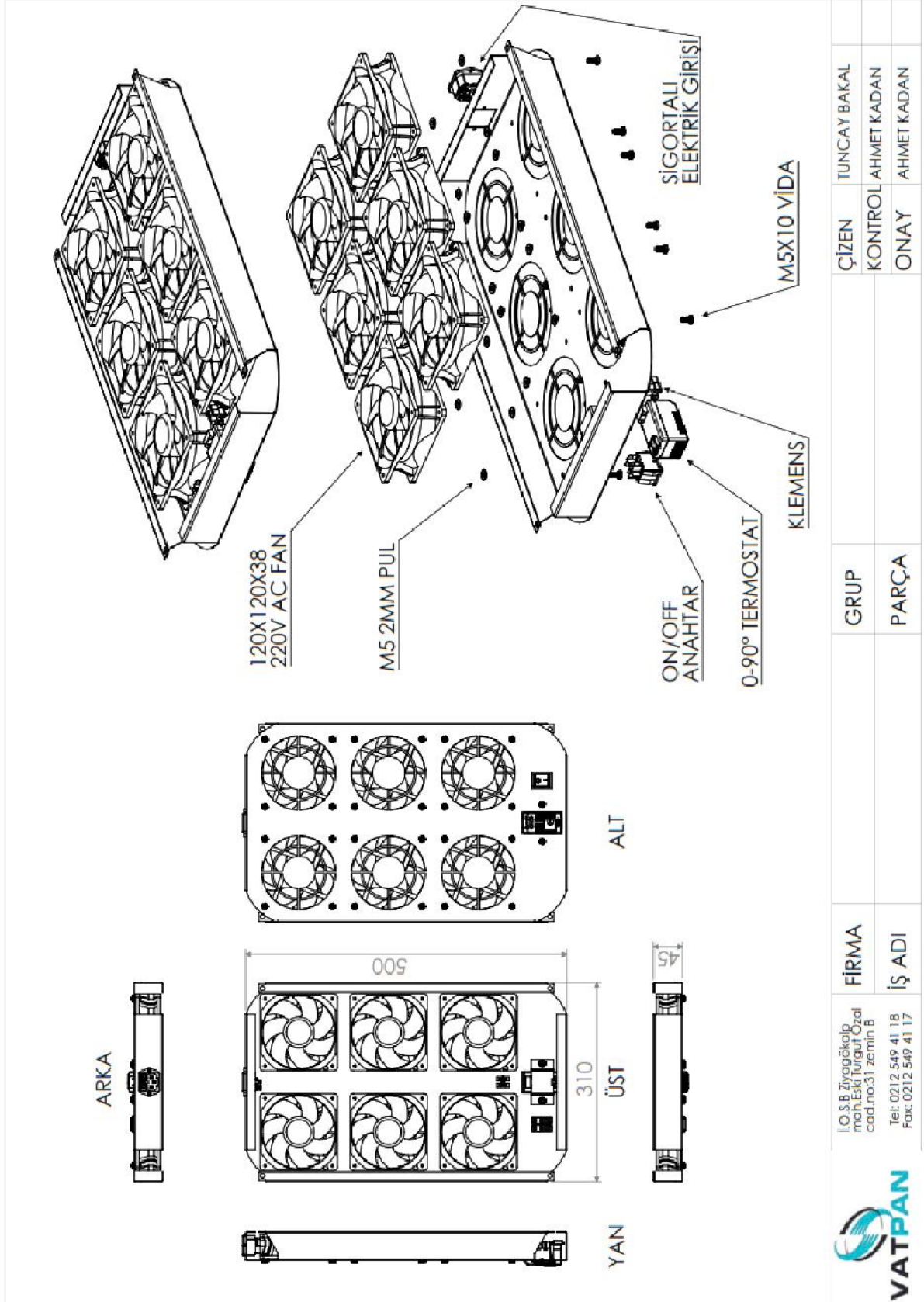
Sayfa 1

VAT ELEKTRİK SAN. TİC. LTD. ŞTİ.
İkitelli OSB Eski Turgut Özal Cad.
No:31/1 Başakşehir/İSTANBUL
İkitelli M.D. : 904 006 5362



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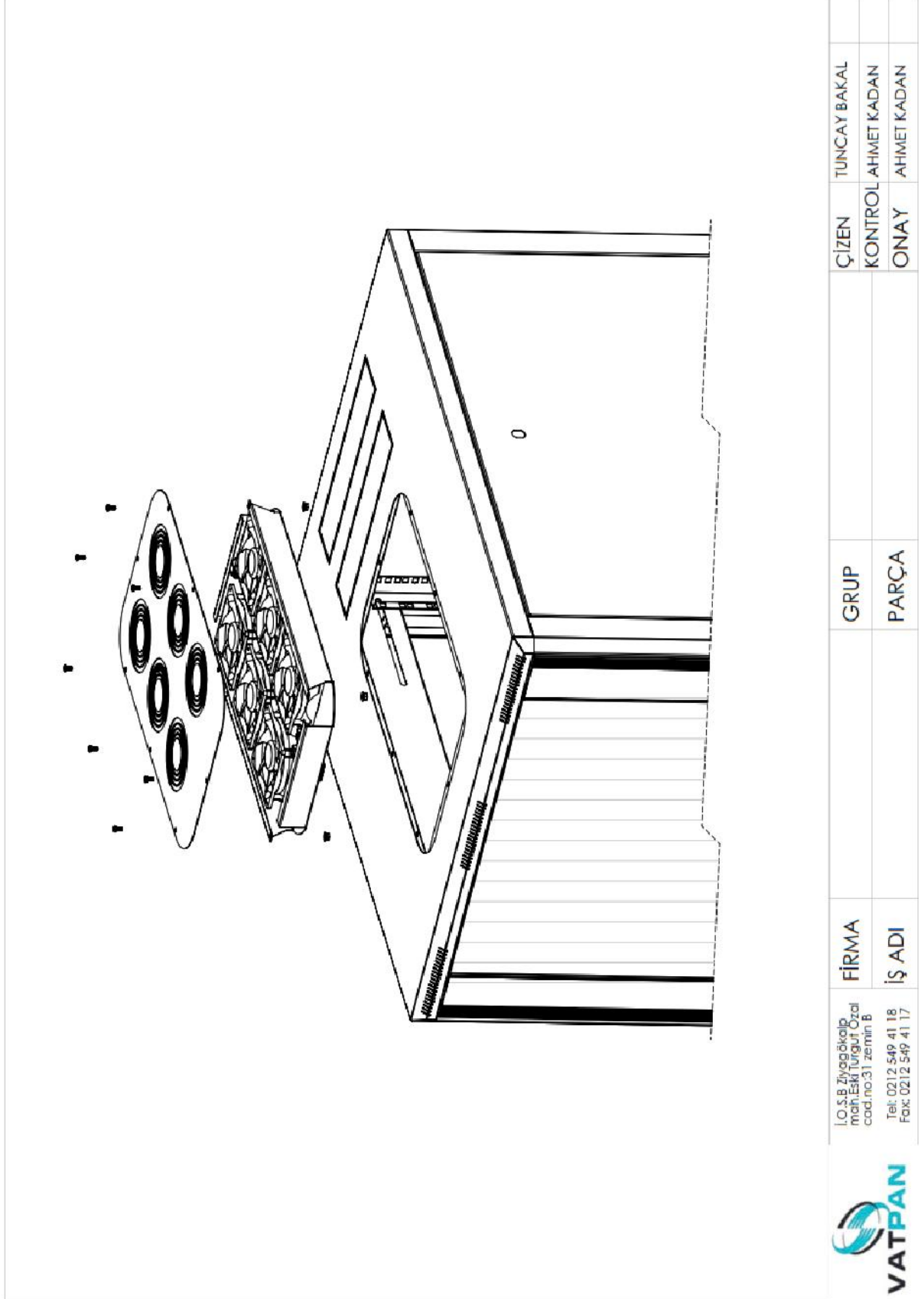
ÇİZEN	TUNCAY BAKAL
KONTROL	AHMET KADAN
ONAY	AHMET KADAN
GRUP	
PARÇA	
FİRMA	
İŞ ADI	



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AUDIO/VIDEO, BİLGİ VE İLETİŞİM TEKNOLOJİLERİ DONANIMI DENEYLERİ

Audio/Video, Information And Communication Technology Equipment Tests



İ.O.S.B. Ziyagökalp
mah.Eski Turгут Özal
cad.no:31 zemin B
Tel: 0212 549 41 18
Faks: 0212 549 41 17

FİRMA

İŞ ADI

GRUP

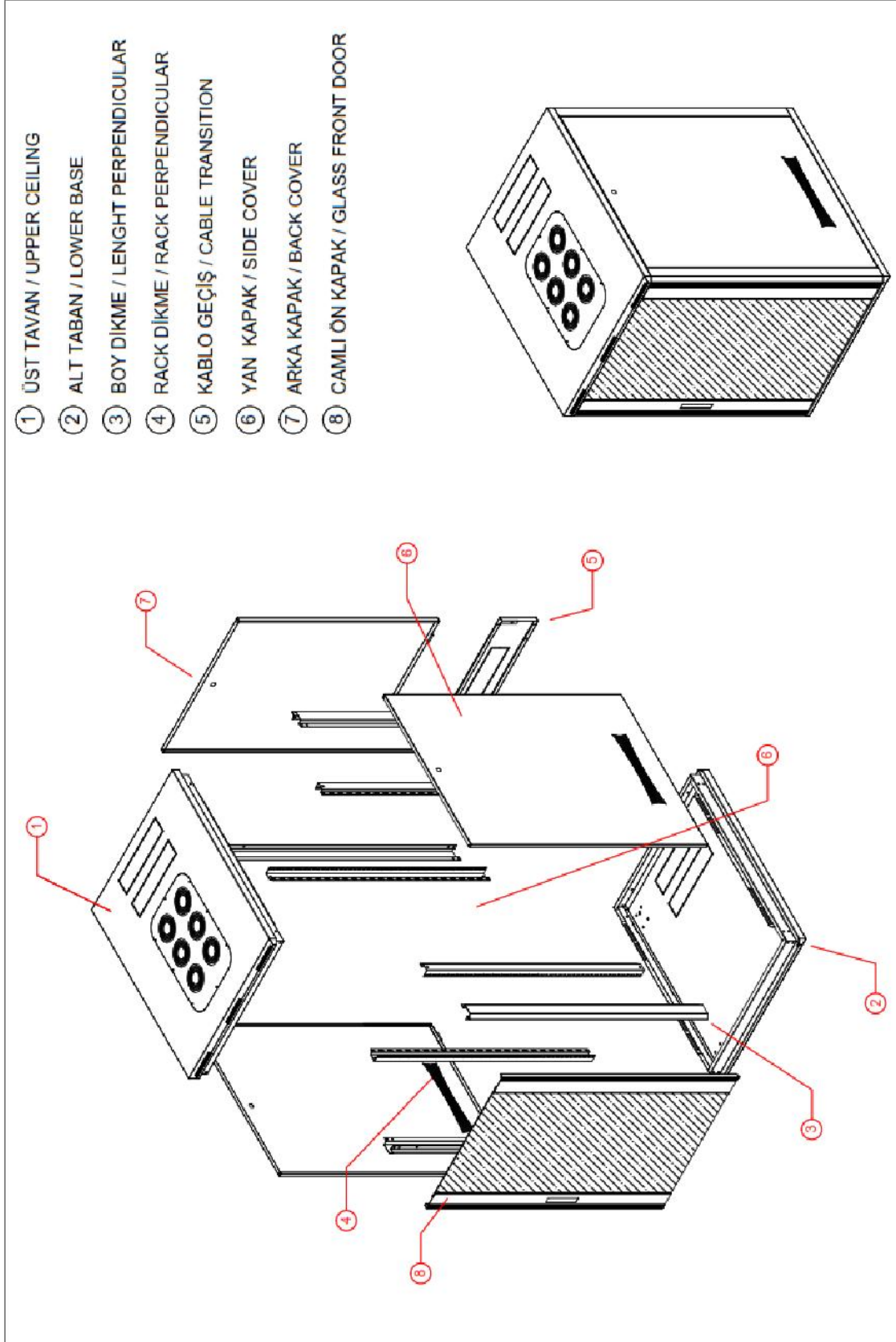
PARÇA

ÇİZEN TUNCAY BAKAL

KONTROL AHMET KADAN

ONAY AHMET KADAN



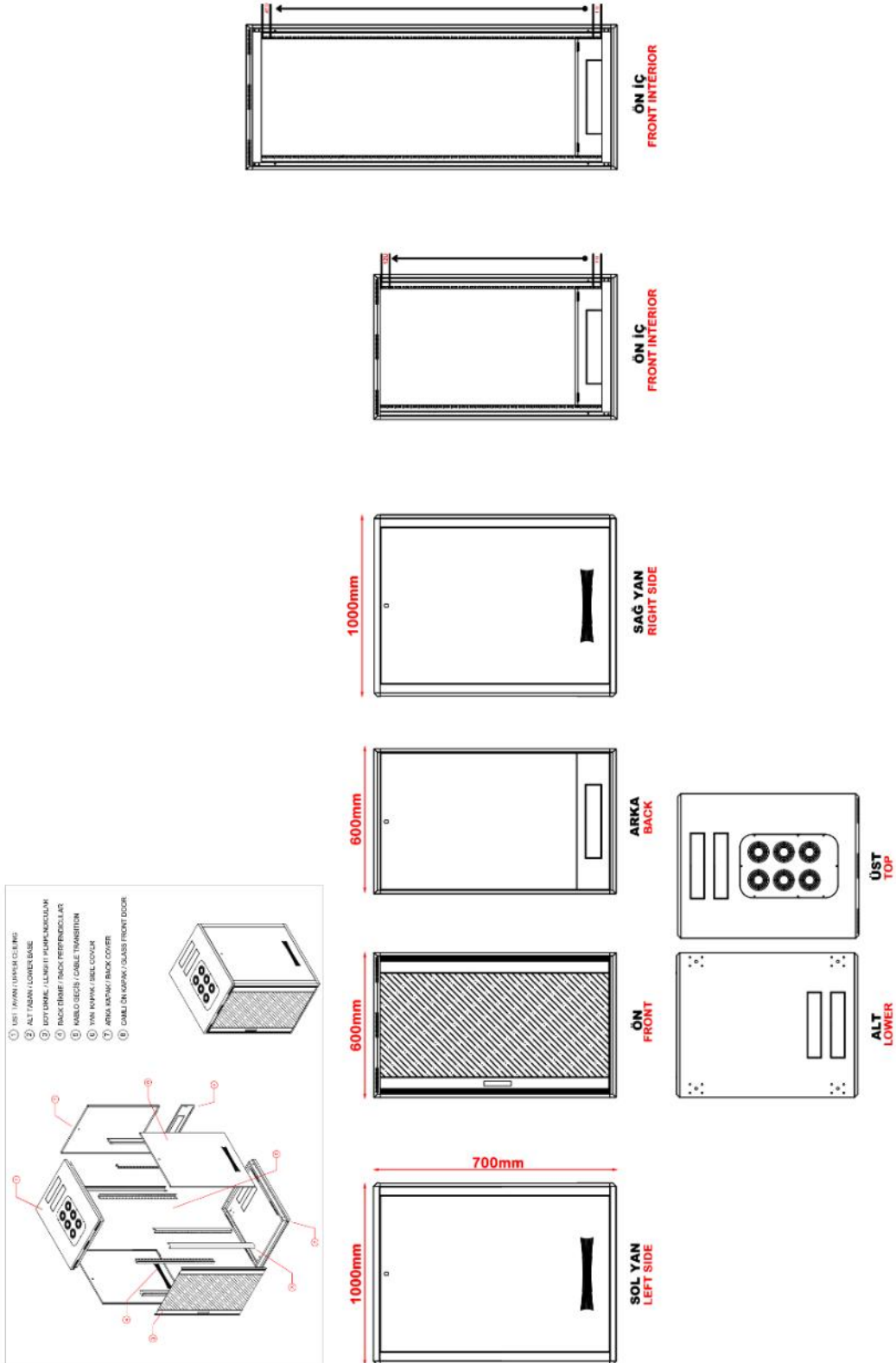




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Audio/Video, Information And Communication Technology Equipment Tests

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)

CE

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)

(Surname, forename)
(Company stamp)

(Date)

(Company stamp)

CENTRE OF TESTING SERVICE
FL2 South, HuoJu Building, No.181 CangHai Rd., Jiangdong Hi-tech Park
Ningbo, China

005905





Test Laboratuvarları

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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. 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 noticed 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 www.udemtd.com.tr

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

