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VEGA

MODEL VEGA LUX OPEN TANNING BOOTH

SUNLAMP PRODUCT INTENDED FOR USE TO TAN THE SKIN

100% 
MADE IN ITALY

INSTALLATION, USE AND MAINTENANCE MANUAL

USA

Cod.app.:10297.176.0.0 open (230V 3~ 60Hz)

Cod.man.:11284.489.5.0 (17/09/25)

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1- GENERAL INFORMATION**1.1 LABELS**

This device is intended to be used by only one person at a time. Stand in the middle of booth, with body positioned an equal distance from the surrounding lamps.

CAUTION: EXPOSURE POSITIONS OTHER THAN SPECIFIED MAY RESULT IN OVEREXPOSURE AND ARE NOT RECOMMENDED.

Tanning normally begins after one to two exposures and maximizes after one to four (1-4) weeks of exposure following the recommended schedule for your skin type.

Wear protective eyewear.

Eyewear: SUN GLOBES

Read the instruction booklet before using tanning system.

RECOMMENDED EXPOSURE SCHEDULE

First three sessions should be at 48 hour intervals. Followed by the gradual increasing of exposure times until maximum tanning has occurred (in approximately 4 weeks). MAXIMUM EXPOSURE is 10 minutes.

Skin Type	Week 1 1st - 3rd Session	Week 2 4th - 6th Session	Week 3 7th-9th Session	Subsequent Weekly Session
II	3 min	5 min	7 min	9 min
III	3 min	5 min	7 min	9 min
IV	3 min	6 min	8 min	10 min
V	3 min	6 min	8 min	10 min

This product is in conformity with performance standards for sunlamp products under 21 CFR 1040.20.

This appliance is intended to be used with the following lamps:

Kalfasun B23-S WHITE 160W

For replacement lamps, eyewear or parts, contact:

**IBL ACQUISITIONS LLC d/b/a
TANNING SUPPLIES UNLIMITED
5650 ELMWOOD AVE
46203 INDIANAPOLIS – IN – USA**

Cod.16986.318.1.0

1 - GENERAL INFORMATION
1.1 LABELS



WARNING—ULTRAVIOLET RADIATION—FOLLOW INSTRUCTIONS—FAILURE TO USE PROTECTIVE EYEWEAR MAY RESULT IN SEVERE BURNS OR OTHER EYE INJURY—IF DISCOMFORT DEVELOPS, DISCONTINUE USE AND CONSULT A PHYSICIAN

Avoid overexposure. As with natural sunlight, overexposure can cause eye and skin injury and allergic reaction. Repeated exposure may cause premature ageing of the skin and cancer. Medications or cosmetics may increase your sensitivity to the ultraviolet radiation. Consult physician before using sunbed if you are using medications or have a history of skin problems or believe yourself especially sensitive to sun light. If you do not tan in the sun, you are unlikely to tan from use of this product.

Cod.16986.199.0.0

CAUTION!
CONNECT ONLY TO A CIRCUIT PROTECT BY A CLASS A
GROUND FAULT CIRCUIT INTERRUPTER

Cod.16986.203.0.0

ATTENTION: Do not use the sunbed if the filter glasses are missing or damaged!

Cod.16986.001.0.0

WARNING!
DISCONNECT POWER SUPPLY BEFORE OPENING UNIT

Cod.16986.137.0.0

WARNING:
GROUNDING CIRCUIT CONTINUITY IS VITAL FOR SAFE OPERATION OF
EQUIPMENT. NEVER OPERATE EQUIPMENT WITH GROUNDING CONDUCTOR
DISCONNECTED.

Cod.16986.135.0.0

WARNING:
HIGH LEAKAGE CURRENT --ENSURE PROPER GROUNDING.

1.1 LABELS

ATTENTION:

**THIS SUNLAMP PRODUCT SHOULD NOT
BE USED ON PERSONS UNDER THE AGE
OF 18 YEARS**

Danger

Ultraviolet Radiation

Follow instructions. Avoid overexposure. As with natural sunlight, overexposure can cause eye and skin injury and allergic reactions. Repeated exposure may cause premature aging of the skin and skin cancer. WEAR PROTECTIVE EYEWEAR; FAILURE TO MAY RESULT IN SEVERE BURNS OR LONG-TERM INJURY TO THE EYES. Medications or cosmetics may increase your sensitivity to the ultraviolet radiation. Consult physician before using sunlamp if you are using medications or have a history of skin problems or believe yourself especially sensitive to sunlight. If you do not tan in the sun, you are unlikely to tan from the use of this product.

1 - GENERAL INFORMATION

1.2 INTRODUCTION

IMPORTANT

BEFORE OPERATING THE MACHINE, READ THE INSTRUCTIONS WITHIN THIS OPERATING MANUAL CAREFULLY AND COMPLETELY.

KEEP THIS MANUAL AND ALL ENCLOSURES IN AN ACCESSIBLE PLACE WHERE IT CAN BE REFERRED TO BY ALL USERS (OPERATORS, MAINTENANCE PERSONNEL AND THOSE CLIENTS WHO ASK FOR DETAILED INFORMATION).

This Operating Manual is designed for use by installers and operators, and should be read carefully and completely before the machine is operated. The manual should always be available for reference and should be kept in a safe place so that it stays in good condition for future reference. For further copies or updates of the manual, contact the manufacturer at the address on the front page.

This manual contains all the instructions and information necessary to operate the machine:

- Correct installation of the machine.
- Description of the functions of the machine.
- Circuit diagrams.

The installers and the operators can use this manual to understand the characteristics of the machine and to learn the correct operating procedure.

1.3 INTENDED USE

Sunlamp product intended for use to tan the skin.

1.4 EXPOSURE SCHEDULE

DANGER! Ultraviolet Radiation.

Follow instructions. Avoid overexposure. As with natural sunlight, overexposure can cause eye and skin injury and allergic reactions. Repeated exposure may cause premature aging of the skin and skin cancer.

WEAR PROTECTIVE EYEWEAR; FAILURE TO MAY RESULT IN SEVERE BURNS OR LONG-TERM INJURY TO THE EYES.

Medications or Cosmetics may increase your sensitivity to the ultraviolet radiation. Consult physician before using sunlamp if you are using medications or have a history of skin problems or believe yourself especially sensitive to sunlight. If you do not tan in the sun, you are unlikely to tan from the use of this product.

This device includes two pairs of protective eye-wear. Please note that this device is intended to be used by only one person at a time. Stand in the middle of booth, with body positioned an equal distance from the surrounding lamps.

CAUTION: EXPOSURE POSITIONS OTHER THAN SPECIFIED MAY RESULT IN OVEREXPOSURE AND ARE NOT RECOMMENDED.

Tanning normally begins after one to two exposures and maximizes after one to four (1-4) weeks of exposure following the recommended schedule for your skin type.

Skin type II.

This individual usually burns easily and severely; tans minimally or lightly and peels.

Skin type III.

This individual is often referred to as "average" skin type; burns moderately and tans about average.

Skin type IV.

This individual burns minimally; tans easily and above average.

Skin type V.

This individual rarely burns; tans easily and substantially.

Session times are calculated for a supply voltage of 208V.

This product is in conformity with performance standards for sunlamp products under 21 CFR 1040.20.

RECOMMENDED EXPOSURE SCHEDULE

First three sessions should be at 48 hour intervals. Followed by the gradual increasing of exposure times until maximum tanning has occurred (in approximately 4 weeks). MAXIMUM EXPOSURE is 10 minutes.

Skin type	Week 1 1st-3rd Session	Week 2 4rd-6rd Session	Week 3 7rd-9rd Session	Subsequent Weekly Session
II	3 min.	5 min.	7 min.	9 min.
III	3 min.	5 min.	7 min.	9 min.
IV	3 min.	6 min.	8 min.	10 min.
V	3 min.	6 min.	8 min.	10 min.

This schedule is intended to be used with the following lamps: (standard configuration)
Kalfasun B23-S WHITE 160W

1.5 CONTRAINDICATIONS AND WARNINGS FOR THE SAFETY OF THE PERSONS EXPOSED TO UV

- **Contraindication:** This product is contraindicated for use on persons under the age of 18 years.
- **Contraindication:** This product must not be used if skin lesions or open wounds are present.
- **Warning:** This product should not be used on individuals who have had skin cancer or have a family history of skin cancer.
- **Warning:** Persons repeatedly exposed to UV radiation should be regularly evaluated for skin cancer.

Do not use the unit in case of filter damages and timer faults!

ATTENTION!
AN IMPROPER OR INCORRECT USE OF THE UNIT CAN CAUSE SERIOUS BODILY DAMAGE TO THE PERSON EXPOSED!

From a careful analysis, as specified in **EN 60335-2-27**, the precautions that must be observed are listed below.

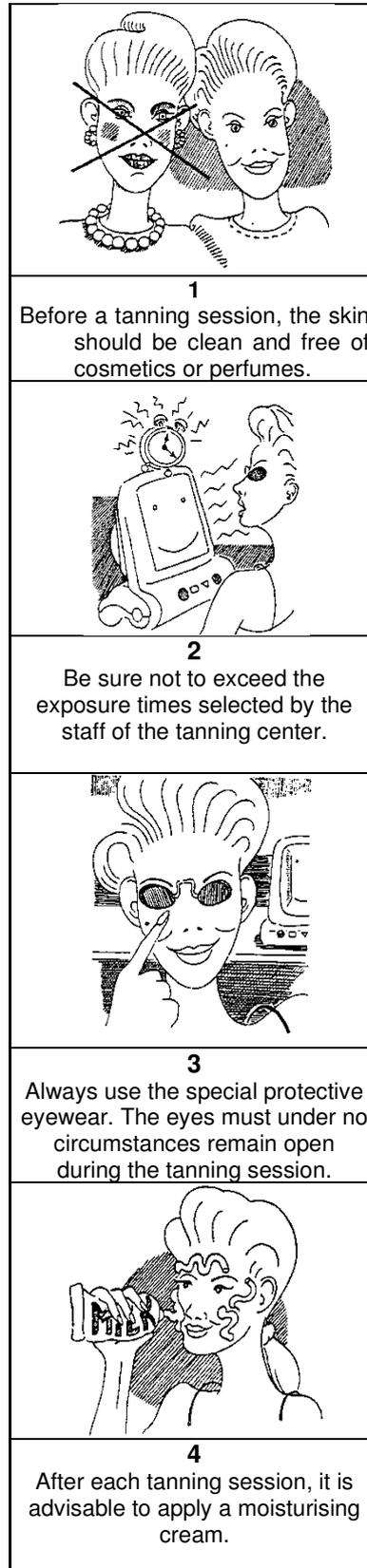
Precautions:

- Leave at least a 48 hours interval before to expose again yourself to the next tanning session.
- Do not expose yourself to the unit and sun in the same day.
- Do not expose yourself to the appliance if you usually burn with normal sunlight or if you suffer from sun-rash.
- Do not attend UV session in case of pregnancy. In any case please consult your own attending physician before making the session.
- Do not expose yourself to UV immediately after hair removal treatments.
- Consult the physician if on the skin swellings, ulceration's or red spots appear.

ATTENTION!

- **Ultraviolet radiation may cause injury to the eyes and skin, such as skin aging and eventually skin cancer.**
- **Read instructions carefully.**
- **Wear the protective goggles provided.**
- **Certain medicines and cosmetics may increase photosensitivity. You should not use undergo tanning treatments if you are taking drugs that may cause photosensitivity.**

A copy of the following warnings is supplied with the manuals and must be shown to the public in close proximity to the unit.



MEDICATION

Certain drugs can make your skin sensitive to ultraviolet light. The U.S. Department of Health and Human Services has published a booklet entitled Medications That Increase Sensitivity to Light; A 1990 Listing prepared by Jerome: Levine, M.S., R.Ph: The booklet is HHS Publication FDA 91-8280 and is available from the U.S. Government Printing Office: Refer to this booklet or your health practitioner if you are taking any medications.

Dr. Richard Childers and Dr. Edward Emmett of Johns Hopkins University compiled a list of drugs, foods, and other substances that could make your skin sensitive to ultraviolet light: This list is presented below:

- Diuretics (which help prevent water retention), prescribed for high blood pressure (for example, Hydrodiuril).
- Diabetes drugs-Orinase and Diabinase.
- Urinary tract infection treatments with phenothiazines.
- Tranquilizers, such as Thorazine.
- The acne treatment Retin-A.
- Antihistamines-Phenergan and Benadryl-particularity when they are used on the skin in ointment form.
- Antibiotics-Declomycin, Aureozicin, and Griseofulvin, which is use in ringworm treatment.
- Coal tar treatment for psoriasis or chronic eczema.
- Bacterial infection treatments using sulfanilamide.
- Compounds known as furocoumarins or psoralens, which sensitise skin to sunlight whether put on the skin or taken orally. They are prescribed for vitiligo (loss of skin pigmentation) and psoriasis.
- Birth control pills. The hormones they contain can react with sunlight and in some cases cause brown patches on the skin.
- Perfumes and colognes containing furocoumarins, compounds from natural products such as plants and fruits. Their natural oils cad sensitise the skin to sunlight.
- Food and fruits that contain photosensitising agents: celery, carrots, limes, coriander, parsley, fennel, dill, buttercup, mustard and figs.

1.6 TRANSPORT AND HANDLING

The machine is carefully protected and loaded onto pallets before shipping. The various parts of the machine must never be transported or stored in positions which differ from the positions in which they are shipped. In this case, the warranty shall be null and void.

The machine must be handled with care in order to prevent the risk of damage to the packaged sections. All handling operations should be carried out by authorized and trained personnel. When the machine is delivered, immediately check that the packaging material is whole and that no damage has occurred during transport.

Any damage to the machine must be notified to the carrier no later than **eight calendar days** from the date of delivery. If internal damage is suspected, it is advisable to accept the machine reserving the right to check accordingly.

THE CARRIER IS RESPONSIBLE FOR ANY DAMAGE OCCURRING DURING TRANSPORT OF THE MACHINE. SPORTARREDO WILL MAKE EVERY EFFORT TO ASSIST THE CLIENT IN SUCH CASES

ALL MAINTENANCE OF THE MACHINE MUST BE PERFORMED BY SPECIALIZED TECHNICIANS FROM SPORTARREDO OR BY PERSONS AUTHORIZED BY SPORTARREDO.

**IMPORTANT!
ALWAYS DISCONNECT THE MACHINE FROM THE POWER SUPPLY BY PRESSING THE SWITCH BREAKER BEFORE PERFORMING MAINTENANCE**

1.7 PREPARATION FOR INSTALLATION BY THE CLIENT

Unless otherwise expressly specified in the contract, the following must be provided by the client:

- Connections to the electrical circuit, including the protective wire generally referred to as the "GROUND CONNECTION", unit feeding cable, power plug and circuit breaker.
- Exhaust pipe system for reducing the hot air.
- External air intake.
- All tools and equipment necessary for installation.

THE UNIT IS SUPPLIED FOR INPUT VOLTAGE AT 230V 3phase 60 Hz AND IT IS SUPPLIED WITH OUT THE FEEDING CABLE

To make a power cable connection or voltage-change, make reference to the chapter "INSTALLATION" paragraph "VOLTAGE CHANGE" and to the VEGA LUX OPEN n° 1/5 electrical diagram.

These operations must be done by technical personnel.

THE BREAKER MUST BE INSTALLED IN THE POWER SUPPLY BOARD OF THE ESTHETICAL SITE AND IT MUST BE DONE BY THE SITE ITSELF.

The installation must be done by technical personnel.

THE POWER SUPPLY CONNECTION (UNIT-BOARD) MUST BE DONE BY THE CENTER. THE SKILLED TECHNICIAN MUST USE A CERTIFIED CABLE WITH THE PROPER SECTION AND WITH ADEQUATE MECHANICAL PROTECTION, IN ACCORDANCE WITH THE RULES IN FORCE.

SEE CHAPTER 3.1 TABLES FOR TECHNICAL DATA "POWER SUPPLY CABLE SECTION"

PLEASE CONTACT CUSTOMER SERVICE FOR ANY FURTHER CONCERNS:

0039-0421-767676

Before the evening closing, or the closing for a prolonged period you should operate on the breaker in order to disconnect the power supply.

TO ENSURE CORRECT USE OF THE EQUIPMENT, THE ROOM TEMPERATURE **MUST NOT EXCEED 86°F DEGREES**. IF ROOM TEMPERATURE EXCEEDS THIS VALUE, WE SUGGEST UTILIZING AN AIR CONDITIONING UNIT.

2 - SAFETY INFORMATION

2.1 GENERAL

The employer must ensure that the persons assigned to the operation of the machine receive adequate training concerning possible accident risks, that the device is checked for the safety of the operator and the client, the risks associated with the emission of UV light and the general accident-prevention regulations specified by international norms and local legislation.

Those responsible for operation, maintenance, cleaning and control of the machine must adhere strictly to the accident-prevention regulations applicable in the country in which the machine is installed.

Before operating the machine, the operator must be completely familiar with the location and the function of all the controls and with the characteristics of the machine. The operator must read this manual carefully and completely.

The machine must be operated by fully-qualified operators only.

Removal of the safety devices and protective barriers is strictly prohibited.

No heavy weights must be placed on the moving parts of the machine. The ventilation ducts and intake grills must not be obstructed by foreign objects.

The machine must always be switched off and disconnected from the power supply before performing any routine or special maintenance operations.

Unauthorized replacement of or repairs to any part or section of the machine, or the use of accessories or material that are not original or recommended by the manufacturer, may result in injury, and exonerate the manufacturer from all civil or penal liability.

It is forbidden to stay near the appliance while it is operating without eye protection.

"DANGEROUS ZONES": any zone inside or in the vicinity of the machine in which the presence of an exposed person constitutes a risk for the safety and the health of that person.

"EXPOSED PERSON": any person who is wholly or partially in a dangerous zone.

"OPERATOR": person or persons assigned to the installation, operation, adjustment, maintenance, cleaning, repair and transport of the machine.

2.2 NOISE

The machine is designed and built in such a way as to reduce operational noise as follows:

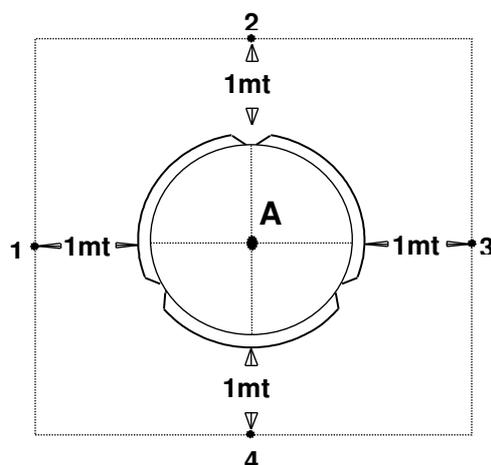
Effective normalized sound power during operation, see diagram below

1 - 2 - 3 - 4 = 68 dB (A) max.

Effective sound pressure with simulation of the actual position of the person being treated

A = 77 dB (A) max.

The figures shown above have been determined according to ISO 3746.



2.3 REGULATIONS

Standards for safety of Luminaires, UL 1598, Issue:2004/12/30 Ed:2 Luminaires, CSA C22.2 No.250.0, Issue:2004/12/30 Ed:2.

In the planning of this unit the following rules and provisions of the European Community have been taken in consideration:

ECC Directive N. 91/368 dated 20.06.1991, N.93/44 dated 14.06.1993, N.93/68 dated 22.07.1993.

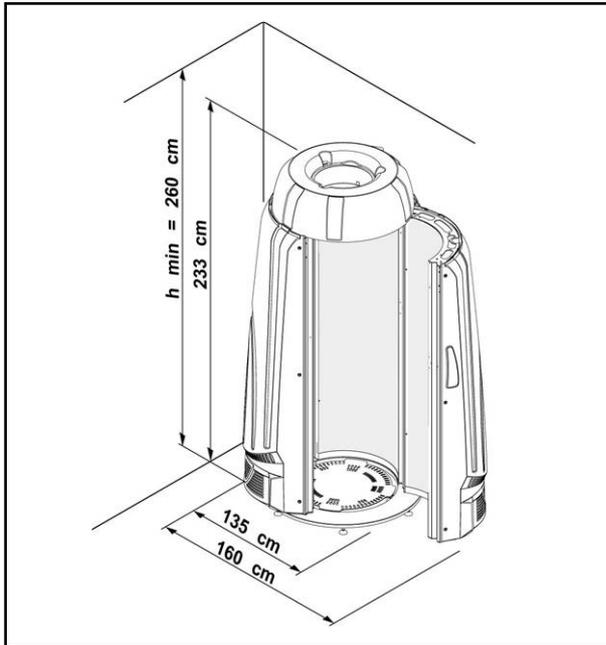
ECC Directive 2006/95 dated 12.12.2006 known as "low voltage directive".

ECC Directive N.89/336 dated 03.05.1989 known as "Electronic compatibility directive".

En 60335-2-27 II part Special standard for units for the treatment of the skin with ultraviolet and infrared rays for home use and similar use.

3 - TECHNICAL DATA

3.1 DIMENSIONS AND TECHNICAL DATA OPEN MODEL

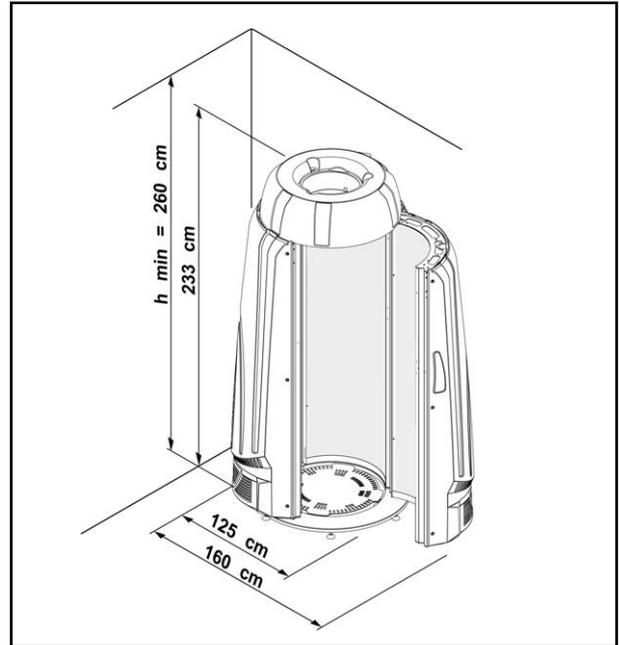


MINIMUM HEIGHT FOR CEILING	260 cm	102"
HEIGHT	233 cm	92"
WIDTH	135 cm	53"
WIDTH WITH OPEN DOOR	160 cm	62"
WEIGHT	350 Kg	772 lb

VEGA LUX OPEN	U.M	DATA	
POWER SUPPLY	V	230V 3~	230V~
NOMINAL POWER	KW	9.7	
NOMINAL CURRENT	A	27.2	48
FREQUENCY	Hz	60	
WIRE SIZES	AWG	9	7
NUMBER OF WIRE REQUIRED		4	3
BREAKER		3x30-30mA 2x60-30mA	
EXHAUST AIR FLOW	m³/h	875	
EXHAUST FAN PRESSURE	Pa	0÷200	
HEAT PRODUCED	Kcal/h	8300	
HEAT EXPELLED	Kcal/h	5000	
LAMPS TYPE	N.	48 KALFASUN B23-S White 160W	

UV EMISSION
SEE RAY EMISSION CERTIFICATE

3.1 DIMENSIONS AND TECHNICAL DATA



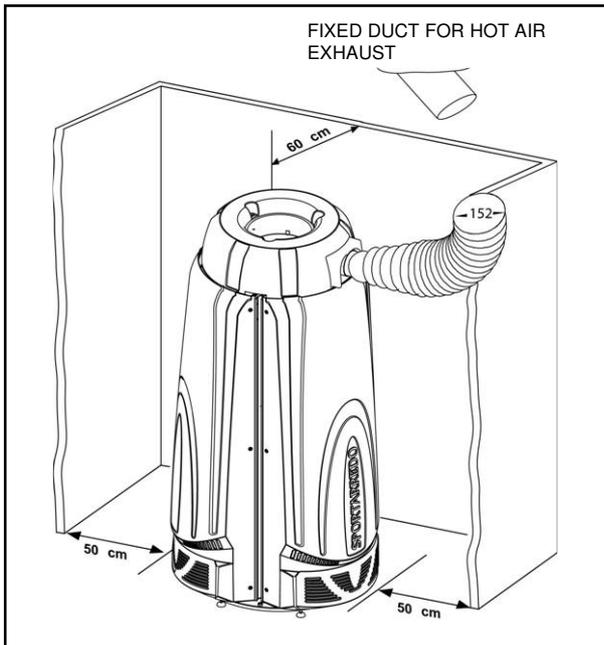
MINIMUM HEIGHT FOR CEILING	260 cm	102"
HEIGHT	233 cm	92"
WIDTH	125 cm	49"
WIDTH WITH OPEN DOOR	160 cm	62"
WEIGHT	350 Kg	772 lb

VEGA LUX OPEN	U.M	DATA	
POWER SUPPLY	V	230V 3~	230V~
NOMINAL POWER	KW	9	
NOMINAL CURRENT	A	26	42.2
FREQUENCY	Hz	60	
WIRE SIZES	AWG	9	7
NUMBER OF WIRE REQUIRED		4	3
BREAKER		3x30-30mA 2x60-30mA	
EXHAUST AIR FLOW	m³/h	875	
EXHAUST FAN PRESSURE	Pa	0÷200	
HEAT PRODUCED	Kcal/h	8300	
HEAT EXPELLED	Kcal/h	5000	
LAMPS TYPE	N.	45 KALFASUN B23-S White 160W	

UV EMISSION
SEE RAY EMISSION CERTIFICATE

4 - INSTALLATION

4.1 PRE-INSTALLATION



In order to ensure correct operation of the machine, it should be installed in an area which has been prepared as shown in the figure.

The connection of the exhaust air pipe must have on the first part (50-60 cm / 19"-23" inch from the edge of the fan) the minimum curving. This device has to be done to reduce the noise of the fan caused by the resistance of the hair, to improve the cooling of the lamps and to have a better air flow during the tanning session.

4.2 CONNECTION

The area in which the machine is installed **must be adequately ventilated. Supply the area with an air intake from outside if necessary.** To improve the technical comfort, connect the tube to expel the hot air to a fixed duct to expel the air outward

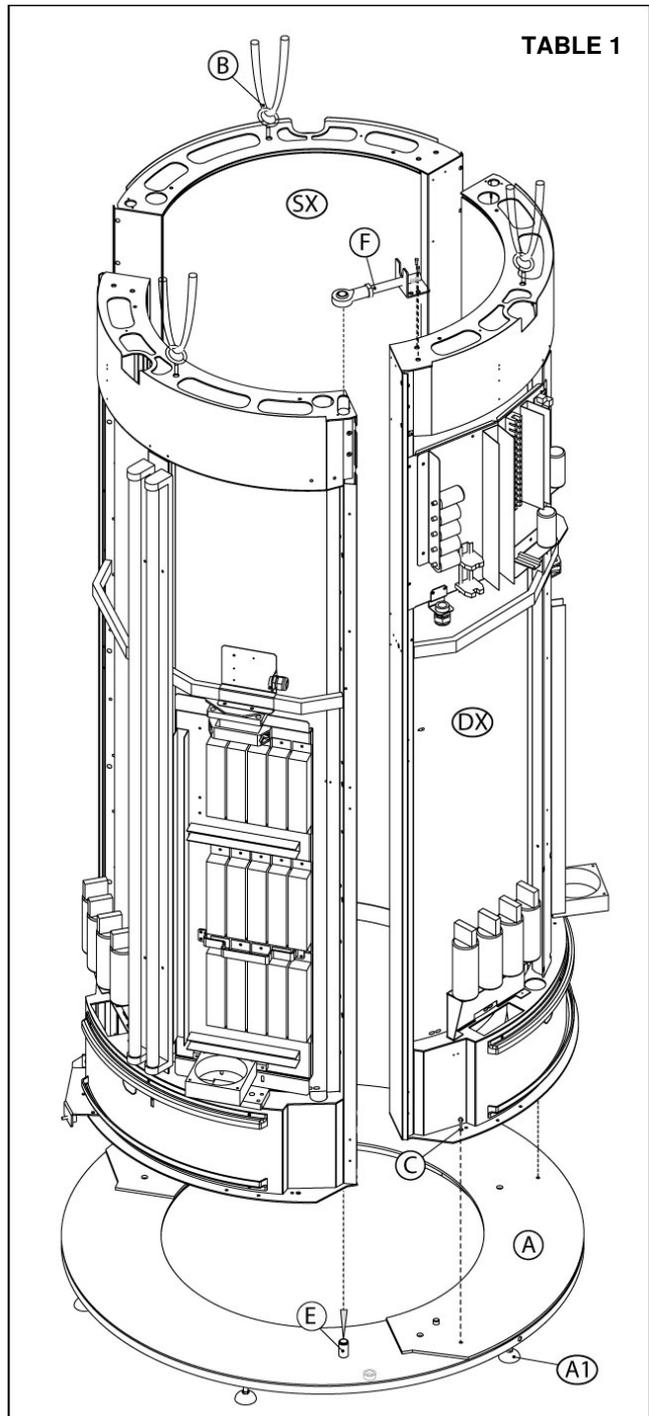
- The metal structure of the machine is grounded by means of insulated wires connected to the ground terminal in the electrical junction box.
- The ground circuit must be in full compliance in accordance with the rules in force.
- The ground connection must also be fitted to low-voltage systems situated in wet or very damp areas (if the voltage to ground is in excess of 25V for alternating current or 50V for direct current).
- The ground wires connected to every part of the various sections of the machine and the ground wires from the various power circuits and user groups must be connected to a single grounding circuit.
- Ensure that the materials used for the grounding system are suitably robust and provided with adequate protection.
- The connection to the main ground terminal should be as short as possible. The ground wires should not be subjected to mechanical stress of any kind, and must be protected against corrosion.

4.3 ASSEMBLY INSTRUCTIONS**SEE ENCLOSED TABLES**

- 1 - Put the circular base **A** on floor and put it at level by regulating the grey foot **A1**. Table 1.
- 2 - Put the shell **DX** and **SX** on the base **A** following the indications reported on the Table 1.
To assemble it is advisable to lift up the shell using a rope to be connected to the specific rings. Once the assembling is ended, remove the rope from the rings **B**. Table 1.
- 3 - Place the 2 screws M8x25 **C** to connect the shells (twice for each shell) not tighten them too much. Table 1.
- 4 - Tighten the screws M8x25 **C** placed among shells and base. Table 1.
- 5 - Insert the door on journal **E**. Table 1.
- 6 - Block the securing plaque **F** of door with 2 M8x25 screws . Table 1.
- 7 - Fix the chromium-plated handle **H** (Dx right – Sx left) on the cap **G** with 4 M6x25 screws with cylindrical head, 2 insulating plates with insulating washers and apply the 2 insulating plates between the handle and the hat and screw the insulating washer with the screws. Table 2.
- 8 - Insert the control board **L** in the specific hole and fix it using a metallic bracket. Table 2.
- 9 - Fix the metal cover **G** to the shell which have been set up with 4 M8x25 screw. Table 2.
- 10 - Connect the following connectors:
 - from the **DX** shell (5 poles black connector) to the **SX** shell;
 - from the **DX** shell (7 poles red/black connector) to the cap;
 - from the **DX** shell (white connector) to the air exhaust fan;
 - from the door shell (7 poles red/black connector) to the **DX** shell;
- 11 - Connect the feeding cable to the feeding terminal board. Table 3.
- 12 - Install the plastic cap **M** fixing it with the 3 hexagonal nuts M6x20 and the cover plastic parts **N** with 4,8x13 screws. The plastic cover **O** of the air filters are fixed using magnetic closing. Table 4.

WARNING!

In the control box there is a safety timer set this timer at a value 10% longer than the maximum session time.
e.g.: session time 10 min set the safety timer to 11 min.



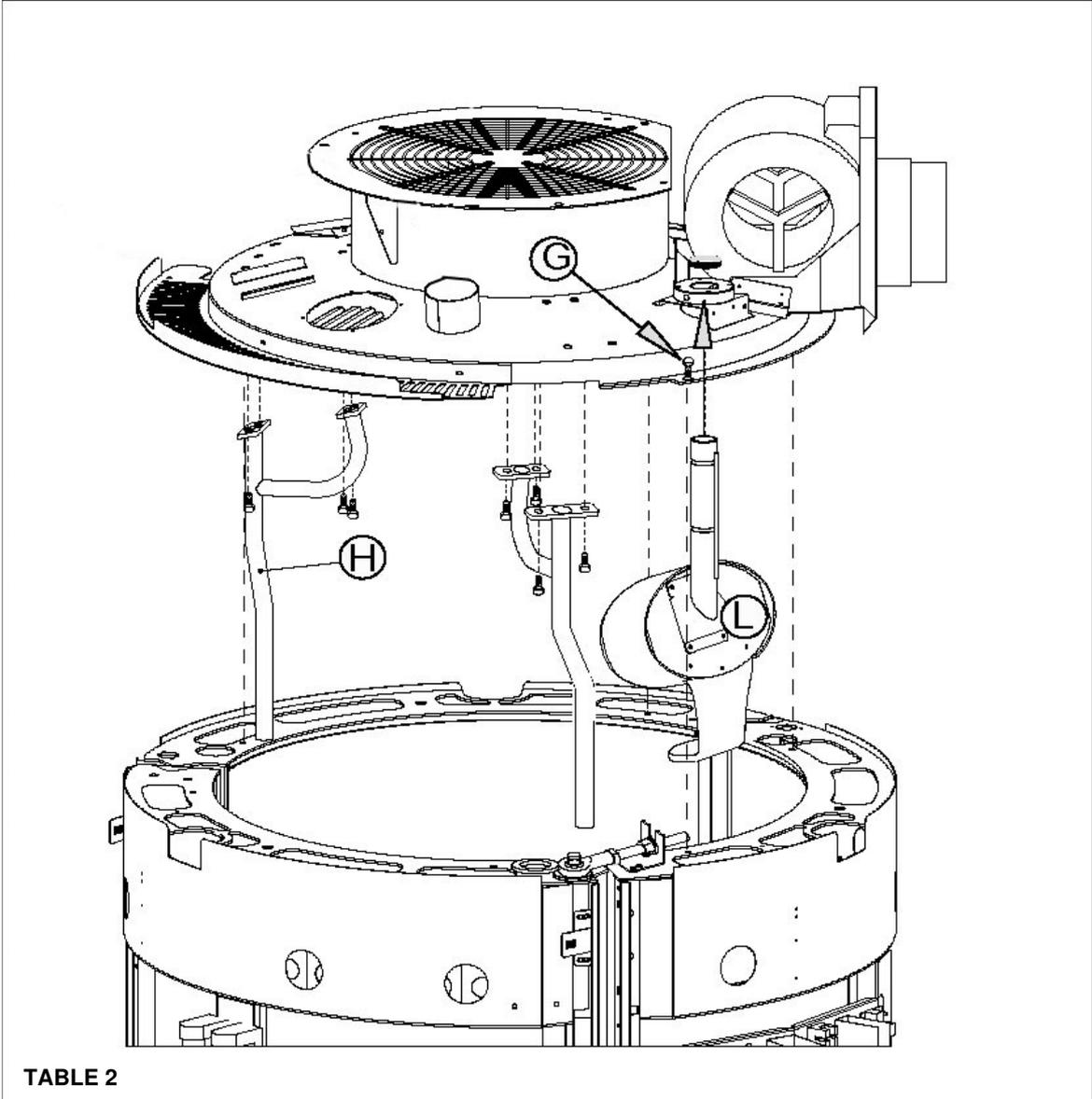


TABLE 2

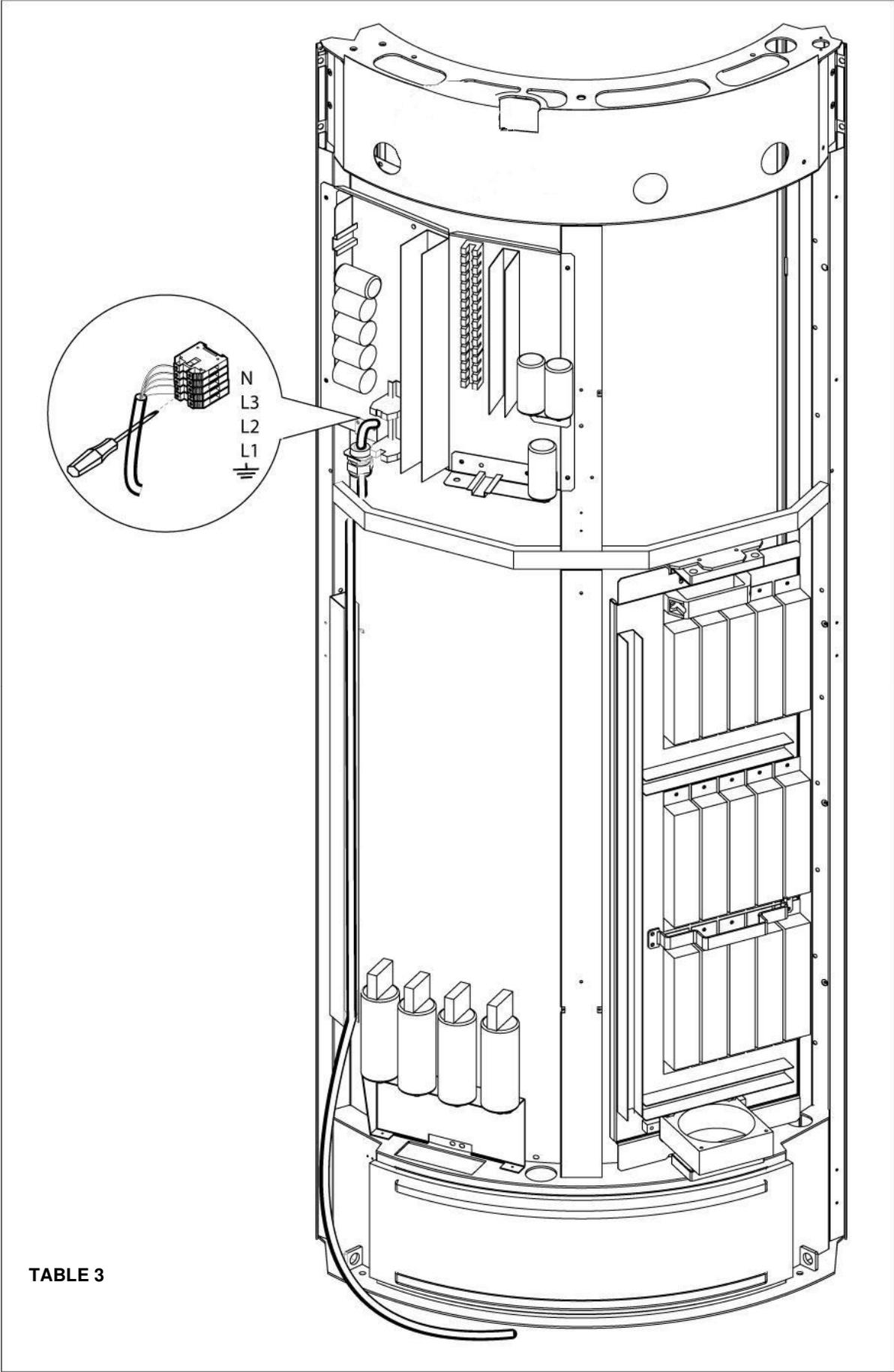
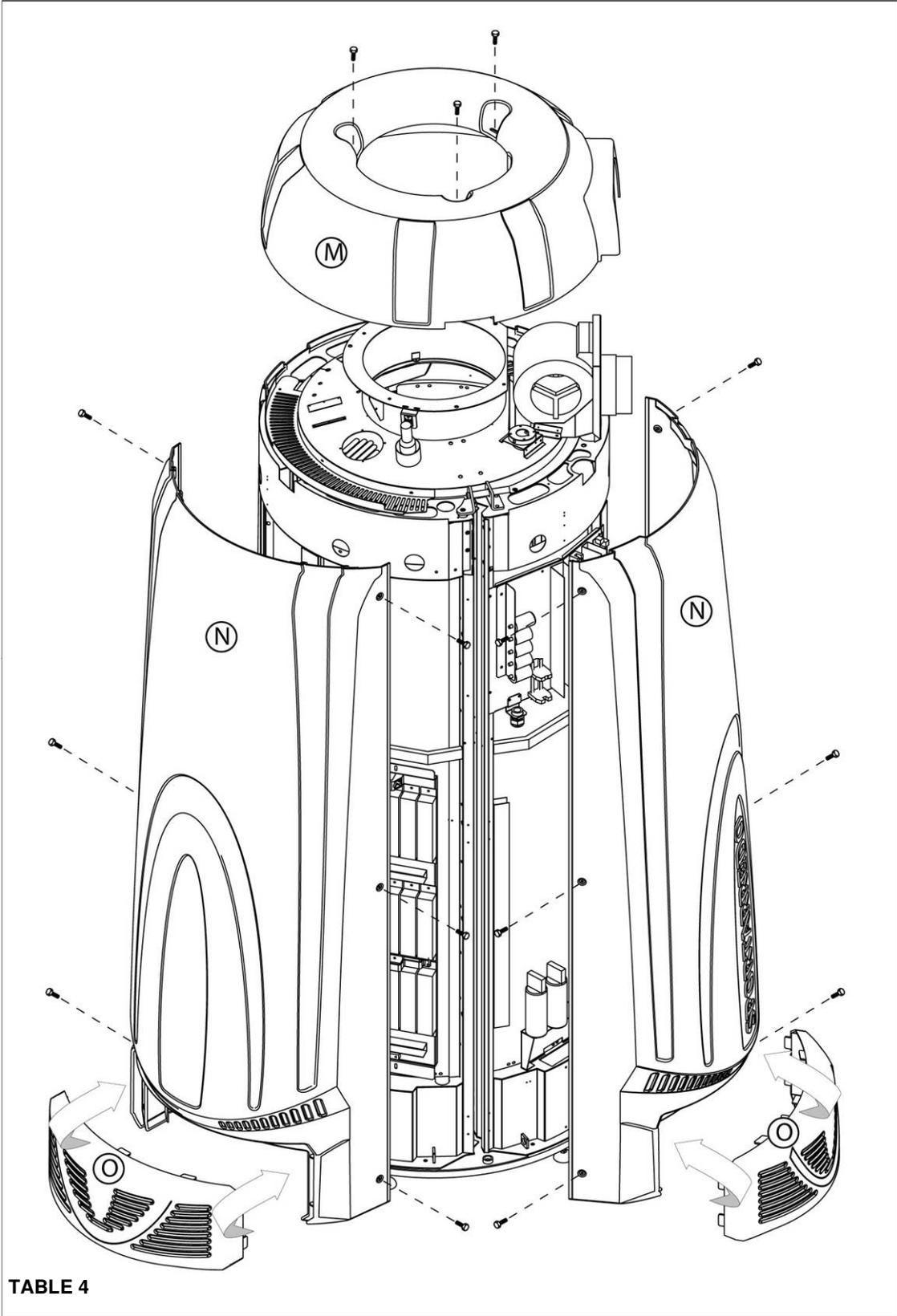


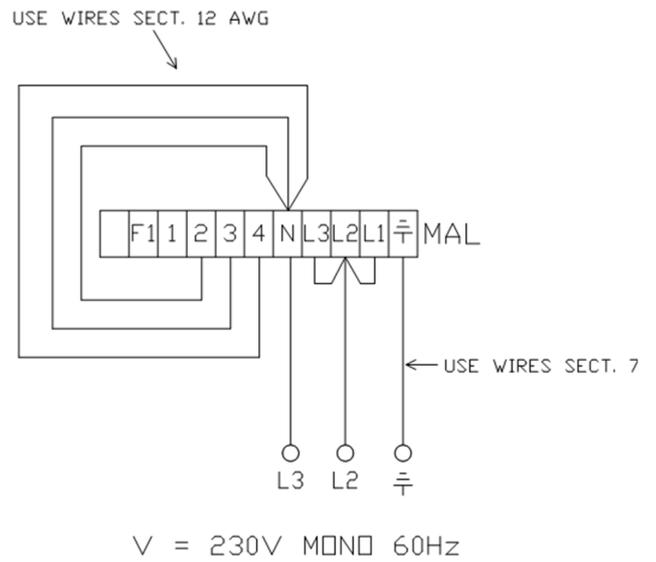
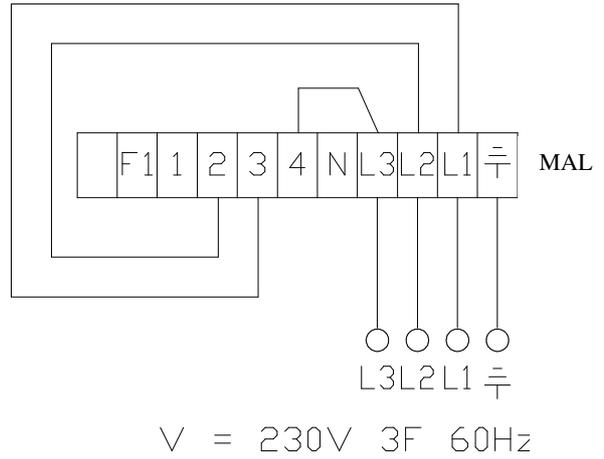
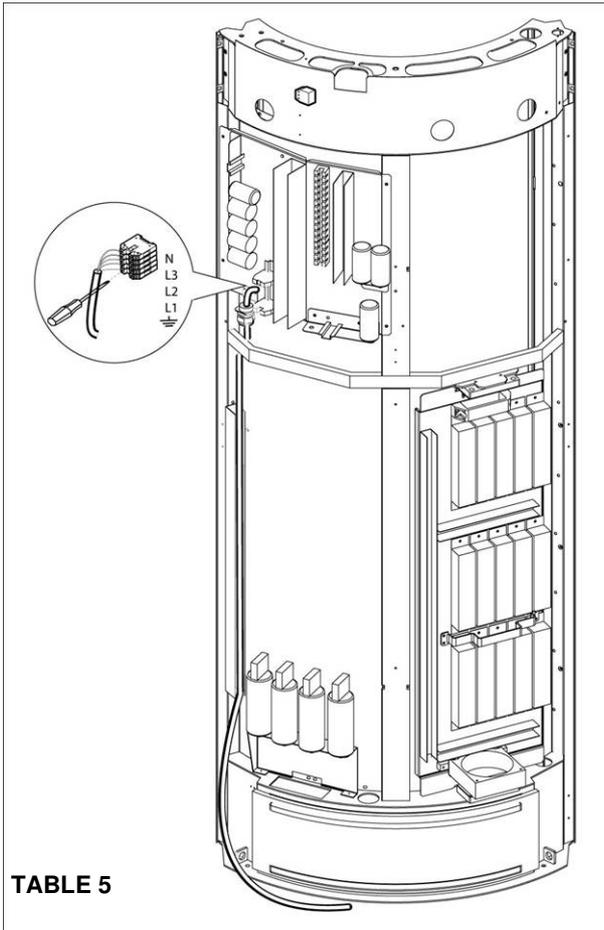
TABLE 3



4.4 VOLTAGE CHANGE

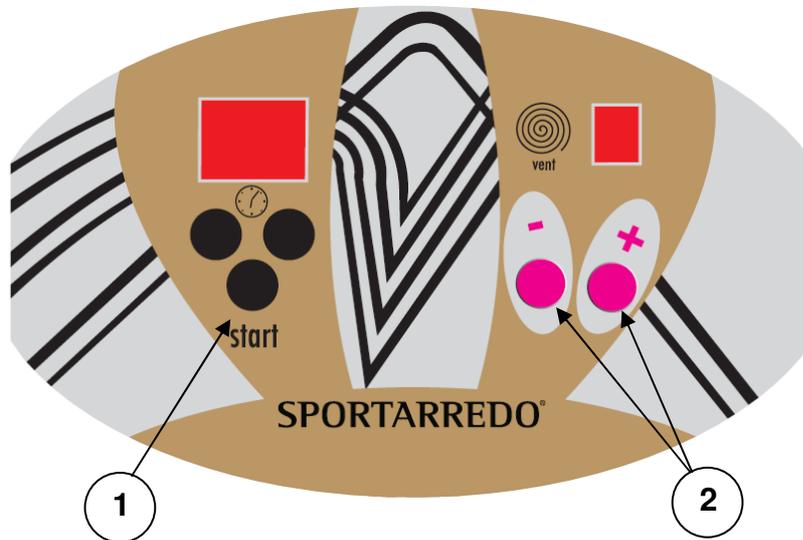
For the main terminal blocks on the main ballast tray located in the right column, please refer to Table 5 below on this page.

IMPORTANT!
ALWAYS DISCONNECT THE MACHINE FROM THE POWER SUPPLY BY PRESSING THE SWITCH BREAKER BEFORE PERFORMING MAINTENANCE



5 - USE

5.1 CONTROL BOARD



1. TIMER BOARD T-MAX® 005

OVERVIEW

Each T-Max® 005 can manually control a tanning bed, connected to a T-Max® 3A remote front desk control or be connected with many T-Max® timers and a T-Max® Manager or T-Max® Manager/Pro to control many beds from a remote location.

Operation is accomplished via front panel controls.
(Refer to Paragraph 8).

May be used by authorized personnel only.

2. BODY VENTILATION

+/-: increases or decrease the body ventilation.

6 -MAINTENANCE PERFORMED BY THE CUSTOMER

6.1 CUSTOMER MAINTENANCE

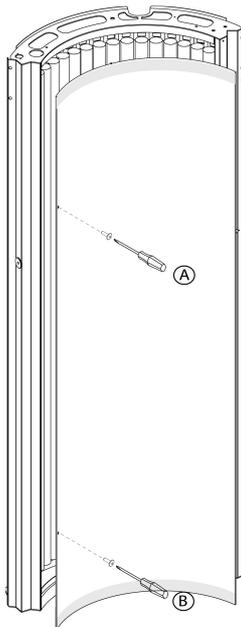
IMPORTANT!
ALWAYS DISCONNECT THE MACHINE FROM THE POWER SUPPLY BY PRESSING THE BREAKER SWITCH BEFORE PERFORMING MAINTENANCE

IMPORTANT!
USE ONLY THE SUGGESTED DISINFECTANT FOR CLEANING THE ACRYLICS
N.B. DO NOT USE ALCOHOL OR ALCOHOL-BASED PRODUCTS

REMOVING AND CLEANING THE ACRYLIC PANEL AND LAMPS

To clean the acrylic and lamps it is necessary to disassemble as follows:

Unscrew the 2 screws **AB** to rapid release as show in sequence holding acrylic.

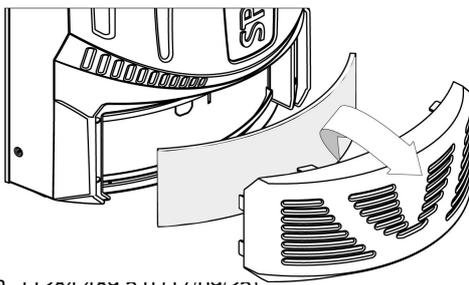


CLEANING THE AIR FILTERS

Manually move the plastic cover (it supported magnetically) and extract the black filter.

Filters should be cleaned using a jet of compressed air or a vacuum cleaner as an alternative.

The filters should be replaced every month of operation.



THE FILTERS SHOULD BE CLEANED EVERY WEEK OF OPERATION

ANY TAMPERING WITH THE APPLIANCE OR THE USE OF NON-ORIGINAL MATERIAL OR PARTS MAY LEAD TO INJURY. IN SUCH CASES, THE MANUFACTURER DECLINES ALL CIVIL AND PENAL LIABILITY, AND THE WARRANTY SHALL AUTOMATICALLY BE CONSIDERED NULL AND VOID.

CLEANING INSTRUCTIONS FOR SUNTAN BED'S SURFACES

Wipe gloved hands and use cleaning supplies, for example: a low-shedding wipe and Destacryl Ultra by Cosmedico cleaner/disinfectant product and start to clean the interior of the device.

Using the wipes with the Destacryl cleaner/disinfectant product, wipe the bench surface or the internal of the booth from side to side.

Wipe in overlapping parallel strokes. Overlap each stroke by 10-24 percent and present a clean quarter-folded wipe surface with each stroke.

Wipe all surfaces including the pass through door, handle and footplate, if present. Note: If the interior of the equipment was physically clean before the application of the Destacryl cleaner/disinfectant, then the surfaces contacted will have been properly disinfected. If the surfaces were not physically clean at the beginning, steps 3 to 6 should be repeated since the first wipe-down may have only removed physical dirt and not effectively reduced the bioburden to within the acceptable limits.

Ensure all surfaces being in contact with a person has been cleaned.

Wipe gloved hands again with the Destacryl cleaner/disinfectant product and start cleaning the exterior of the device.

Using the Destacryl cleaning/disinfectant product, begin by cleaning the ceiling of the tanning bed or booth from side to side and then the lateral surfaces from top to bottom. Each cleaning tool pad should be changed as soon as it appears unclean or no longer wets the contact area. Ensure all surfaces are thoroughly wet with the Destacryl cleaner/disinfectant product.

Place all soiled wipes, covers and cleaning supplies into a disposal bag and remove from the room where the device is located.

For air filter (if present): Open the external grid and remove the air filter. Then use compressed air or water to clean the air filter. Be sure that the air filter is dry before to replace it on its position and start a new session.

IMPORTANT: Allow surfaces to dry before the beginning of another session. Some surfaces, such as acrylic, may be damaged by exposure to 70% isopropyl alcohol (IPA) over time. Cause this case, a non-residue generating cleaner/disinfectant product like the Destacryl by Cosmedico applied to non-shedding dry cleaning pads and wipes may be used instead.

NOTE: This document is for guidance only and should be used with reference to the equipment manufacturer's instructions for use and existing standard operating procedures for the facility.

**6.2 RECOMMENDED REPLACEMENT AND
OBTAINING REPAIRS****SPARE PARTS LIST**

REF	PC	CODE	DESCRIPTIONS
1	1	4028.1003.09	12V RADIO TRANSFORMER
2	2	4027.3030.04	LOUDSPEAKER
3	1	4028.4305.00	COMPASSADOR 4µF
4	1	4028.6000.01	REVALCO HOUR COUNTER
5	1	4028.2100.27	LOVATO BF2600A230 CONTACTOR
6	1	16946.549.0.0	MAIN CONTROL BOARD FRAME COVER
7	3	15946.087.0.0	COLUMN AIR FILTER COVER
8	1	16946.351.0.0	TOP INTERNAL COVER
9	3	16946.341.0.0	BLACK AIR FILTER
10	1	4028.2116.08	TIMER
11	1	16946.350.0.0	CONTROL PANEL ACRYLIC HANDLE
12	1	15910.349.2.0	INTERNAL HANDLE (RIGHT) (open model)
13	1	15910.482.0.0	INTERNAL HANDLE (LEFT) (open model)
14	2	15910.337.0.0	INTERNAL HANDLE
15	1	16946.349.2.0	DOOR ACRYLIC HANDLE
16	1	14213.066.0.0	FOOTREST
17			
18	3	16946.562.0.0	INTERNAL ACRYLIC
19	48	4028.3311.01	NEON HOLDER WITH STARTER (open model)
20	48	4028.3311.00	NEON HOLDER WITHOUT STARTER (open model)
21	1	4028.4500.01	RELAY FINDER 60.13 FOR VENTILATION
22	2	4028.3125.06	6,3A FUSE
23	1	4026.0021.00	T.MAX® 005 MAIN CONTROL BOARD
24	1	15906.067.0.0	DMD-1 BODY FAN CONTROL BOARD
25	48	4028.4020.08	STARTER LIGHTTECH
26	1	15906.078.0.0	MAIN CONTROL BOARD KEYPAD
27	1	4028.0061.00	EBM A4E350 BODY FAN
28	1	4028.0053.00	D2E 146-HT 67-39 UL FAN
29	3	4028.0029.04	BALLASTS COOLING FAN
30	1	4028.4550.01	RELAY SOCKET FINDER 90.27 FOR VENTILATION
31	1	4028.4555.00	RELAY SOCKET FINDER 94.72 FOR T.MAX
32	1	4028.4502.03	FINDER RELAY 55.32 FOR T.MAX
33	2	4024.0010.03	UVA EYEWEAR

RIF	PC	CODE	VEGA OPEN LUX DESCRIPTIONS
34	48	4028.1001.08	160W LP LAMP BALLAST (open model)
35	3	4028.4304.00	COMPASSADOR 20µF
36	12	4028.4300.00	COMPASSADOR 65µF
37	48	4028.4009.03	KALFASUN B23-S WHITE 160W LP LAMP (open model)

For replacement lamps, eyewear or parts, contact:

**IBL ACQUISITIONS LLC d/b/a
TANNING SUPPLIES UNLIMITED
5650 ELMWOOD AVE
46203 INDIANAPOLIS – IN – USA**

7 - MAINTENANCE PERFORMED BY A SKILLED TECHNICIAN

7.1 SKILLED MAINTENANCE

SL PILOT LAMP FOR SPECIAL MAINTENANCE

Every 400 hours of operation the letters SL appear on the appliance display alternating with the session time. This means that the following skilled maintenance operations should be carried out:

- Clean the internal and external acrylics.
- Replace low-pressure lamps.
- Check that the timer system is working correctly.
- Check that the SAFETY AND ACCIDENT PREVENTION instructions are legible and in satisfactory condition.
- Every 800 working hours replace the reflectors, the starters for the low-pressure lamps. Clean the fans and the inside of the machine.
- Every 1200 working hours replace the acrylics.

7.2 PERIODIC CONTROL PROCEDURES

Electrical checks. Check that the electrical safety devices, and the acoustic/illuminated signal devices and alarms are undamaged and that they function correctly. Check that the equipment and devices in the electrical control box are in satisfactory condition.

These checks must be performed by qualified personnel

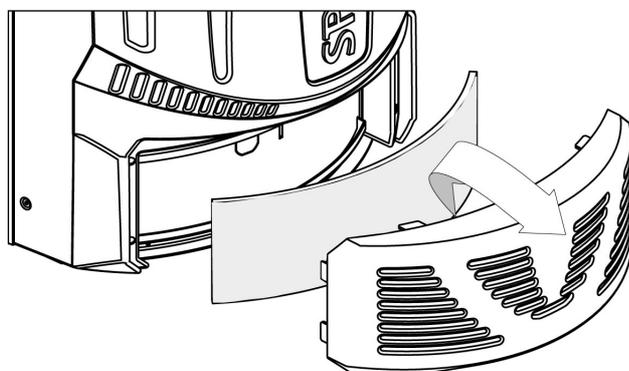
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CLEANING THE AIR FILTERS

Manually move the plastic cover (it supported magnetically) and extract the black filter.

Filters should be cleaned using a jet of compressed air or a vacuum cleaner as an alternative.

The filters should be replaced every month of operation.



THE FILTERS SHOULD BE CLEANED EVERY WEEK OF OPERATION

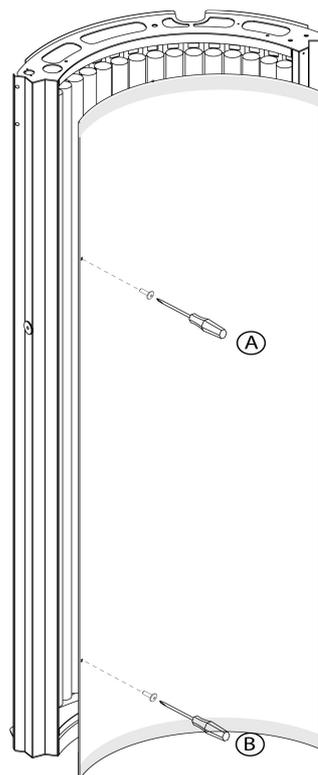
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REMOVING AND CLEANING THE ACRYLIC PANEL AND LAMPS

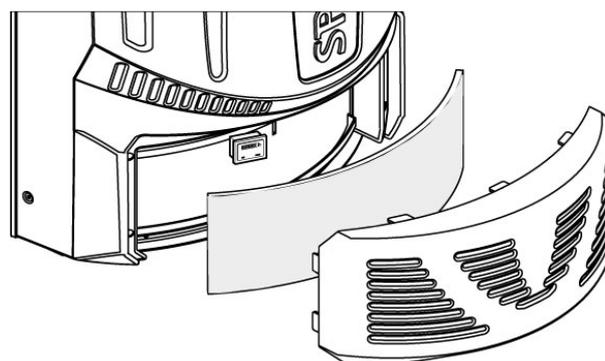
To clean the acrylic and lamps it is necessary to disassemble as follows:

Unscrew the 2 screws **AB** to rapid release as show in sequence holding acrylic.



ANY TAMPERING WITH THE APPLIANCE OR THE USE OF NON-ORIGINAL MATERIAL OR PARTS MAY LEAD TO INJURY. IN SUCH CASES, THE MANUFACTURER DECLINES ALL CIVIL AND PENAL LIABILITY, AND THE WARRANTY SHALL AUTOMATICALLY BE CONSIDERED NULL AND VOID.

POSITION OF THE HOURCOUNTER IN THE DOOR PANEL



8 – TIMER BOARD T-MAX® 005

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2.2.1 Setting the address

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4.1 Wiring

4.2 Configuration

4.3 Session control

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6 OTHER FEATURES

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6.2 Lamp hours

6.3 Connecting the AP900

6.4 Third party interface (TPI) mode

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7.2 Figure B – Connecting the T-Max® 3A to a tanning bed with the T-Max® 005

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The information in these tables of contents are believed to be correct: However, Applied Digital, Inc. assumes no responsibility for any errors herein. This information is subject to change without notice, and should not be construed as a commitment by Applied Digital, Inc.

This product is warranted against defective materials and workmanship for a period of two years from date of purchase. In the event the product fails to perform, it may be returned; Shipping Paid, to the factory to be serviced or replaced at the factory's discretion. Applied Digital, Inc. will pay to ship the repaired or replaced product by the shipping means of our choosing: Returns will not be accepted without a Return Authorization Number assigned by the factory.

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1 OVERVIEW

Each T-Max® 005 can manually control a tanning bed, connected to a T-Max® 3A remote front desk control or be connected with many T-Max® timers and a T-Max® Manager or T-Max® Manager/Pro to control many beds from a remote location. Operation is accomplished via front panel controls.

1.1 Specifications

Current draw: 300mA
 Dimensions: Height – 3.5”
 Width – 3.25”
 Depth – 1.5”
 Relays: 220VAC 5A, SPST Form A

2 CONFIGURATION

2.1 Connecting to the tanning bed and applying power

A white header provides connections for power, lamps and fan. See Figure 1, Section 7.1 for wiring connections on this timer.

2.2 Setting parameters

Note: If you are using a T-Max® Manager or T-Max® Manager/Pro and multiple T-Max® timers, remove power from the T-Max® Manager or T-Max® Manager/Pro and keep the power removed until all parameter changes are complete.

- 1) Press and hold the Start/Stop and Up buttons simultaneously until a “.1” is displayed. Release the buttons. This is an indication that you are in the parameter mode. The numbers currently displayed represents the parameter number that you can observe or change.
- 2) Press the Up or the Down Button until the parameter number that you want to observe or change is displayed.

3) Press the Start/Stop Button. The current value for that parameter will be displayed and be flashing. The T-Max® 005 will show a number with a period illuminated in the lower center of the display. The number shown is the current value for that parameter. For Lamp, Session Counts, etc. the value displayed can be as high as 9999. To display this value, T-Max® 3A will flash two number-three times, then two number-three times, pause, two number-three times, two number-three times, pause, etc. For example, if you are checking lamp hours (Parameter 6) and the display flashes the numbers 53 three times, then 14 three times, pauses than repeats, then the total lamp hours stored in that T-Max® 005 is 5314.

4) Press the Up and Down Buttons to change the parameter to the desired value. If you want to clear the value for that parameter, press the Up and Down Buttons at the same time until the display shows “.0”.

5) Press the Start/Stop Button. The display will show the parameter number you just changed and a solid period in the lower center of the display. You may now change another parameter by pressing the Up or Down buttons until the parameter that you want to change is displayed. Repeat Steps 2-4 for each parameter you want to change.

6) To exit the Parameter mode and make the T-Max® 005 available for the next session, press and hold the both up and down buttons until the display shows a 0 with no periods displayed.

Table 1 – Parameter numbers for observing and changing parameters.

Parameter #	Description	Max #	Default	Notes
1	Address	255	254	Address of T-Max® 005
2	Beep Mode	1	0	User for High Power beds. 0=Alarm only, 1=Alarm and Flip
3	Delay Time	10	0	Delay in minutes stored in the T-Max® 005
4	Current Sense	1	0	For the T-Max® Sentry™ Option. 0=Disabled, 1=Enabled
5	Session Counts	65535	0	Total session counts for T-Max® 005
6	Lamp Hours	65535	0	Bulbs hours for each bed
7	Bed Hours	65535	0	Number of hours a bed is on
8	Manual Session Counts	65535	0	Counts the number of session the Max® 005 has run while in Stand Alone Mode
9	Clean Room	1	1	0=Clean Room Disabled, 1=Enabled
10*	Manual Lockout	1	0	0=Stand Alone Enabled, 1=Disabled
13	Cool Down Mode	10	0	0=Disabled, 1-10=Enabled. Time delay in minutes allowing bed to cool
15	Fixed Session Counts	65535	0	Counts number of sessions ran thought the T-Max® 005. This value cannot be changed at all. Used as point of reference
19	Third Party Interface (TPI) Mode**	1	0	Used for input for timing systems other than the T-Max® Series. Contact closure input. 0=Disabled; 1=Enabled
20	External Speaker	1	0	0=Speaker on T-Max® 005, 1=External speaker will be used
21	Pause Mode	1	0	0=When session is paused, time will continue to count down. 1=When session is paused, session time will stop counting down
22	Auto Bed Shut Off	1	0	For T-Max® Intercom System Only. 0=When timer is called bed will stay on, 1=When timer is called, bed will stuff off automatically
28	Delay Lamps Ventilation	3	0	Setting the parameter to: 2 minutes

* If Manual Lockout is enabled, the T-Max® 005 cannot operate as a stand alone timer.

2.1 Setting the address

Note: If you are using a T-Max® 005 as an independent timer, you do not need to set the address.

1) Press and hold the Start/Stop and Up buttons simultaneously T-Max® 005 until a “.1” appears on the display. Release the buttons.

2) Press and release the Start/Stop button. A number will appear on the display and be flashing. A period will be illuminated in the center of the display.

Pressing and holding the Up button will cause the display to count up. Pressing and holding the Down button will cause the display to count down. Once the count reaches 100, the center period will flash rapidly. This is an indication that you are over 99. For example, if the display shows a .2 with the period flashing, this is address 102. The highest the display will count up is 255.

3) Press the Up or the Down Button until the desired address is displayed. When setting the address remember 3 rules:

- a) Set each T-Max® 005 to a unique address.
- b) Do not set any address to 00.
- c) Do not set any address over 100.

4) Once the desired address is displayed, press and release the Start/Stop button. The “.1” will appear on the display. Nothing will flash.

5) To exit, press and hold both the Up and Down buttons together until the period goes away.

2.2 Setting Delay time

1) Press and hold the Start/Stop and Up buttons simultaneously on the T-Max® 005 until a “.1” appears on the display. Release the buttons.

2) Press the Up button until “.3” is displayed.

3) Press and release the Start/Stop button. A number will appear on the display and be flashing. A period will be illuminated in the center of the display. This is the current delay time.

4) Press the Up or the Down Button until the desired delay time is displayed. The highest delay time that can be set on the T-Max® 3A is 10 minutes. If you want no delay time, set the display to 0. If you set the Delay Time to 0, the session time will start immediately after the Start/Stop button is pressed.

5) Press the Start/Stop button. The “.3” will appear on the display. Nothing will be flashing.

6) To exit, press and hold both the Up and Down buttons together until the period goes away.

3 USING THE T-MAX® 005 AS A STAND ALONE TIMER

3.1 Starting a session

1) Press the Up or Down Button on the T-Max® 005 until the desired session time is displayed. If the display shows a 0, and you want to go directly to the maximum time, press the Down button once.

2) Press and release the Start/Stop button to start the session.

If a delay other than 0 is entered, the delay will count down. A period on the lower right corner of the display will flash rapidly. When the session starts, the period will flash at a once per second rate. If the delay is set to 0, the session will start immediately. If you have a delay and want to energize the tanning bed, press the Start/Stop button again.

3.2 Pausing a session

To pause the session press the Start/Stop button. The flashing period on the lower right corner of the display will stop flashing and stay illuminated. To restart the session, press the Start/Stop button on the T-Max® 005. The period on the lower right corner of the display will resume flashing.

Note: The session time will continue to count down. The display will continue to update and reflect the remaining session time.

3.3 Cancelling a session

To cancel a session, press the Start/Stop button to pause the session then press and hold the Up button until the remaining session time shows on the display disappears.

4 REMOTE SINGLE BED CONTROL

Remote single bed control is the ability to control a single T-Max® 005 from a remote location. A T-Max® 3A is required for this configuration.

4.1 Wiring

Place a T-Max® 3A at the desired remote location. Wire the T-Max® 3A as shown in the T-Max® 3A user's guide.

Run the modular cable provided with the T-Max® 3A from the T-Max® 005 in the tanning room to the remote T-Max® 3A.

Connect the modular cable to one of the RJ-22 ports on each T-Max® 3A (it does not matter which port the cable is connected to).

4.2 Configuration

Set the address on the T-Max® 005 in the tanning room to “1”, and the address on the T-Max® 3A to “0”.

Note: When setting the address on the T-Max® 005, the power to the front desk T-Max® 3A must be off.

User the T-Max® 3A to set the Delay as described in the user's guide. Any delay time set on the T-Max® 005 will be ignored.

4.3 Session control

Starting a session.

1) Press the Up or Down Button on the T-Max® 3A until the desired session time is displayed. Time cannot be set from the T-Max® 005 in the room.

2) Press the Start/Stop button on the T-Max® 3A to start the session.

If a delay other than 0 is set, the delay will count down. A period on the lower right corner of the display will flash rapidly. When the session starts, the period will flash at once per second rate. If there is not delay entered, the session will start immediately.

Pausing during the session

To pause the session press Start/Stop button on the T-Max® 005 in the tanning room. The flashing period on the lower right corner of the display will stop flashing and stay illuminated. To restart the session, press the Start/Stop button on the T-Max® 005. The period will continue flashing. The session cannot be paused from the T-Max® 3A in this configuration.

Note: The session time will be continued to count down. The display will continue to update and reflect the remaining session time.

Cancelling a session

To cancel a session, press both the Start/Stop and U buttons together on the T-Max® 3A. The session cannot be cancelled from the T-Max® 005 in the tanning room.

5 USING THE T-MAX® 005 WITH A T-MAX® MANAGER OR T-MAX® MANAGER/PRO

If you are using T-Max® 005 with a T-Max® Manager or T-Max® Manager/Pro, follow these instructions for proper operations:

1) Set the address on each T-Max® 005 as described in section 2.2.1.

Note: If you have completed the auto addressing as described in your T-Max® Manager user's guide, you do not need to address the T-Max® 005 as manually. Skip this step.

Note 2: Set each T-Max® 005 to a different address. No T-Max® 005 should be set to address 0.

2) Using T-Max® Modular cables connect the timers in a daisy-chain as shown in the T-Max® Manager User's guide.

Note: If you are using AP900s to connect the system wireless, do not run the modular cables. Connect the AP900s to the T-Max® Manager and to the T-Max® 005 as described in Section 6.3 and in the AP900 user's guide.

Note 2: Delay is controlled by the T-Max® Manager, T-Max® Manager/Pro or the software you are using if you are using a computer. It is not necessary to set the delay on the T-Max® 3A. Refer to the T-Max® Manager or T-Max® Manager/Pro User's guide for operation.

6 OTHER FEATURES

6.1 Clean room

Once the session time has elapsed, the display will show two solid periods only. This is an indication that the room needs to be cleaned. To clear the clean room indication, press and hold the Up button on the T-Max® 3A in the tanning room until the two periods disappear and a "0" appears. To disable the clean room feature, set parameter 9 to a 0. (Refer Section 2.2).

6.2 Lamp Hour

To check and change Lamp Hours (or any other parameter), refer to Section 2.2.

6.3 Connecting the AP900

The AP900 allows you to connect the T-Max® 005 to the T-Max® System without the need to run cables throughout your salon. Connect an AP900 OEM to the RJ-11 modular connector on the T-Max® 005. Mount the AP900 as described in the AP900 user's guide.

6.4 Third party interface (TPI) mode

The Third Party Interface (TPI) mode is used for connecting the T-Max® 005 timer to a timing system other than the T-Max® Series.

Pins 3 and 4 on the RJ-22 modular port on the back of the T-Max® 005 are used 005 for TPI. Connect pins 3 and 4 on the top RJ-22 connector to the relay output of your third party interface controller (Refer to Section 7.3. Figure C).

When the session is started, the third party timer will provide a contact closure to the input on the T-Max® 005. When the session is started, the T-Max® 005 will show the maximum time stored into that T-Max® 005 and the tanning bed will turn on. Once the session ends the front desk controller will remove the contact closure from the TPI input on the T-Max® 005 and the bed will turn off.

Any delay that the front desk timer uses cannot be eclipsed by the T-Max® 005. The customer must wait the full delay time, in which case the bed will automatically come on.

If the session time on the T-Max® 005 eclipse's, but there is still contact closure on the input, a single period will be displayed on the T-Max® 005. Once the contact is removed from the TPI input, the next session can be started.

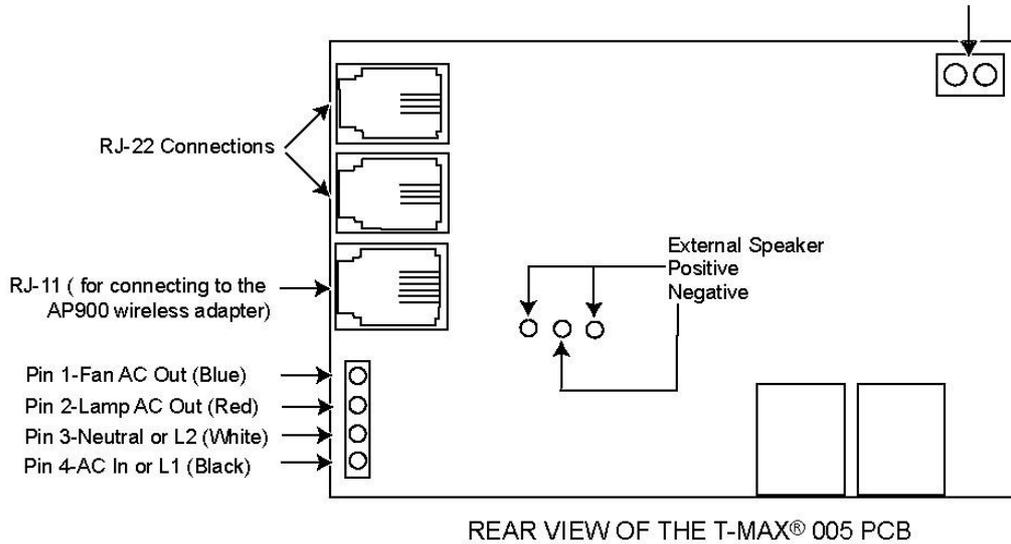
6.6 External speaker

An external speaker can be connected to the T-Max® 005 for make the beep louder. A T-Max® Speaker must be used. Connect the speaker to the connected shown in Figure A, Section 7.1, Set parameter 15 on the T-Max® 005 to a 1 as described in Section 2.2.

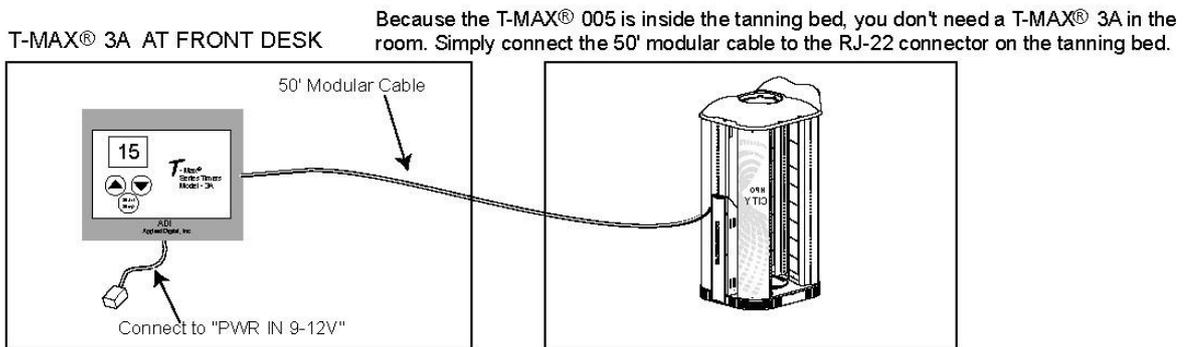
7 FIGURES

7.1 Figure A – Rear view of the T-Max® 005.

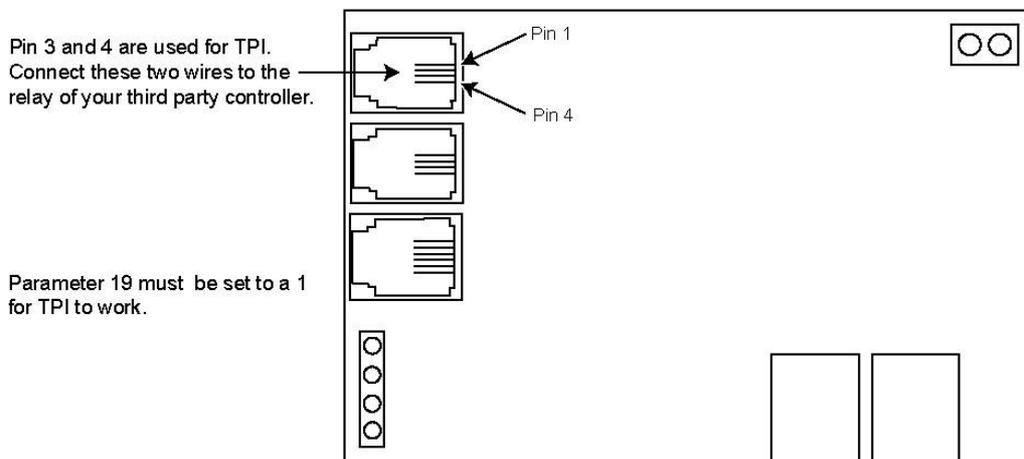
External Start.
Connect a momentary push button to this terminal.
This allows the user to press a button other than the Start/Stop button on the T-Max® 005 to start a session.



7.2 Figure B – Connecting the T-Max® 3A to a tanning bed with the 7.1 Figure A – Rear view of the T-Max® 005.



7.3 Figure C – TPI (Third Party Interface).



9 - TROUBLESHOOTING AND RAPID DIAGNOSTICS

9.1 TROUBLESHOOTING AND RAPID DIAGNOSTICS

- **The solarium does not switch on when START is pressed.**
 - 1 - Check the position of the lever on the overload cut-out switch.
 - 2 - Check that the power supply terminal board MAL is in correct connection to the power supply. See "VEGA OPEN__2/5" circuit diagram.
 - 3 - Check the voltage (220V ~) across terminals BLACK and WHITE on board "T-MAX". See "VEGA OPEN__5/5" circuit diagram.

- **When START is pressed the ventilation system only is switched on.**
 - 1 - Check that relay "RV" operate correctly. See "VEGA OPEN__2/5" circuit diagram.
 - 2 - Check the voltage (220V ~) across terminals WHITE and BLUE on board "T-MAX". See "VEGA OPEN__5/5" circuit diagram.

- **Body cooling system inoperative or cannot be regulated.**
 - 1 - Check the fuse 2A on board "DMD-1". See "VEGA OPEN__2/5" circuit diagram.
 - 2 - Check the voltage (variable up to a maximum of 230V) across the terminal 4 and 5 of board "DMD-1". See "VEGA OPEN__5/6" circuit diagram.

- **One of the low-pressure does not switch on.**
 - 1 - Check for voltage on the wiring to the lamp.
 - 2 - Check the ballast or the starter for the lamp.

- **The radio does not work.**
 - 1 - Check the fuses on the electronics board "AL12"
 - 2 - Check that the output of the power supply module "AL12" carries 12V DC. See "VEGA OPEN__5/5" circuit diagram.

10 - DEMOLITION AND WASTE MATERIALS

10.1 WASTE MATERIALS

The lamps are considered as disposable waste materials and all the materials regarding the packing. Due to their characteristics, these lamps are classified as non-toxic and non-harmful **special waste materials**. Disposal of the lamps must therefore be effected as required by the appropriate legislation.

DEFINITION OF SPECIAL WASTE MATERIAL: Residual material deriving from industrial processes or agricultural, artisan, commercial or service activities which, in view of their quantity of characteristics, are not classified as normal household refuse.

10.2 DEMOLITION OF THE MACHINE

Each country applies specific legislation concerning the disposal of machinery. Disposal of this machine must be carried out in compliance with the regulations laid down by local legislation and bylaws. Dismantle the machine and group the various parts according to their chemical characteristics.

Dismantling of the machine must be performed by qualified personnel

11 - CIRCUIT DIAGRAMS**11.1 CIRCUIT DIAGRAMS LEGEND**

SIMBOLS	DESCRIPTIONS
	Ground terminal
AL12 4028.1003.09	Power supply circuit board for 12Vdc radio/CD
C1-2-3 4028.4304.00	20µF condenser
C4 4028.4305.00	4µF condenser
CNG	24-pin shell connector
CW	3-pin black connector
CNW2-3	7-pin black connector
CNW1-4	5-pin black connector
CO 4028.6000.01	Hour counter
F1-F2 4028.3125.06	6,3 Fuses
HRB 4028.2100.27	Contact for low pressure lamps
M1-2	2 pins terminal board
M3	5 pins terminal board
MAL	Power supply terminal board
MC	Control terminal board
N	Neutral terminal
L1-L2-L3	Power supply phases
RSP-LSP 4027.3030.04	Loudspeakers left
RU 4028.4502.03	Relay Tmax control
RV 4028.4500.01	Fan relay
S 4028.4020.08	Starter
T 4028.2116.04	Timer
T-MAX 4026.0021.00	Control board (complete)
VE 4028.0053.00	Air exhaust fan
VC 4028.0061.00	Body fan
VR 4028.0029.04	Cooling feeder cassette fan

SIMBOLS	VEGA OPEN LUX DESCRIPTIONS
C5-6-7-8 4028.4300.00	65µF condenser
L1 4028.4009.03	KALFASUN B23-S White 160W low pressure lamps
R1-R15/R16 4028.1001.08	Ballast 160W

DESCRIPTION CIRCUIT DIAGRAMS

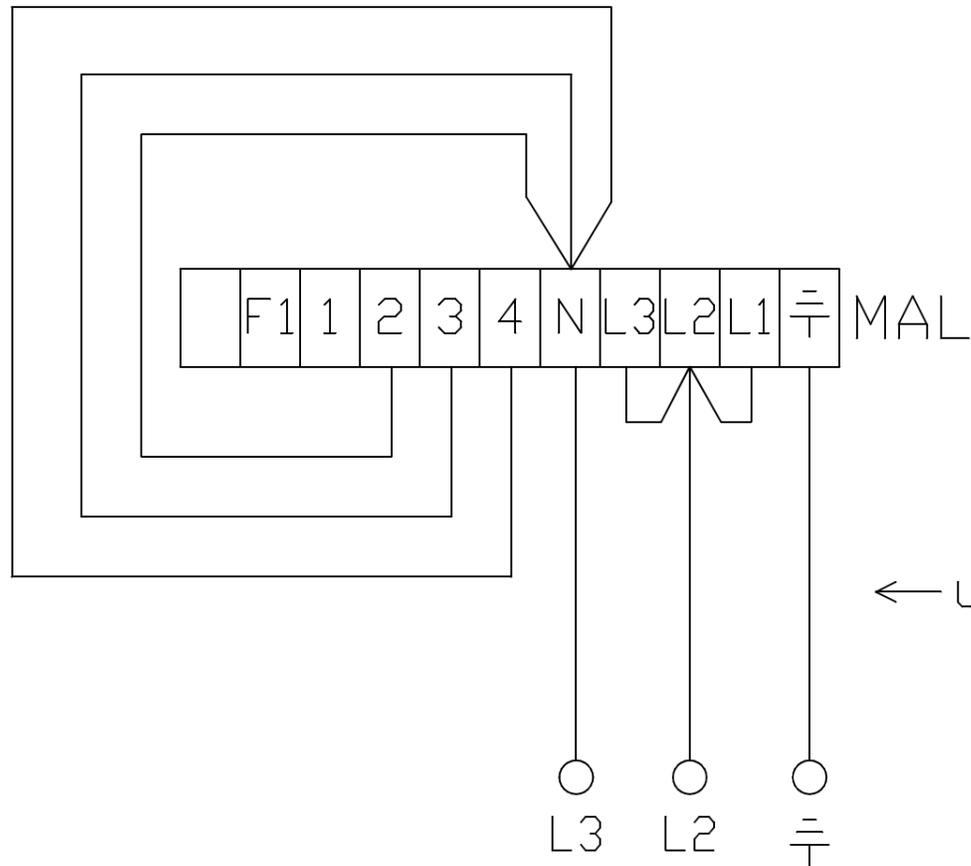
- 1/6 Voltage-change diagram.
- 2/6 Practical diagram of control.
- 3/6 Ballasts box for shell left and door.
- 4/6 Shell diagram.
- 5/6 Control panel scheme and central ventilation.
- 6/6 Ballasts box for shell right.

12 - WARRANTY

12.1 LIMITED WARRANTY

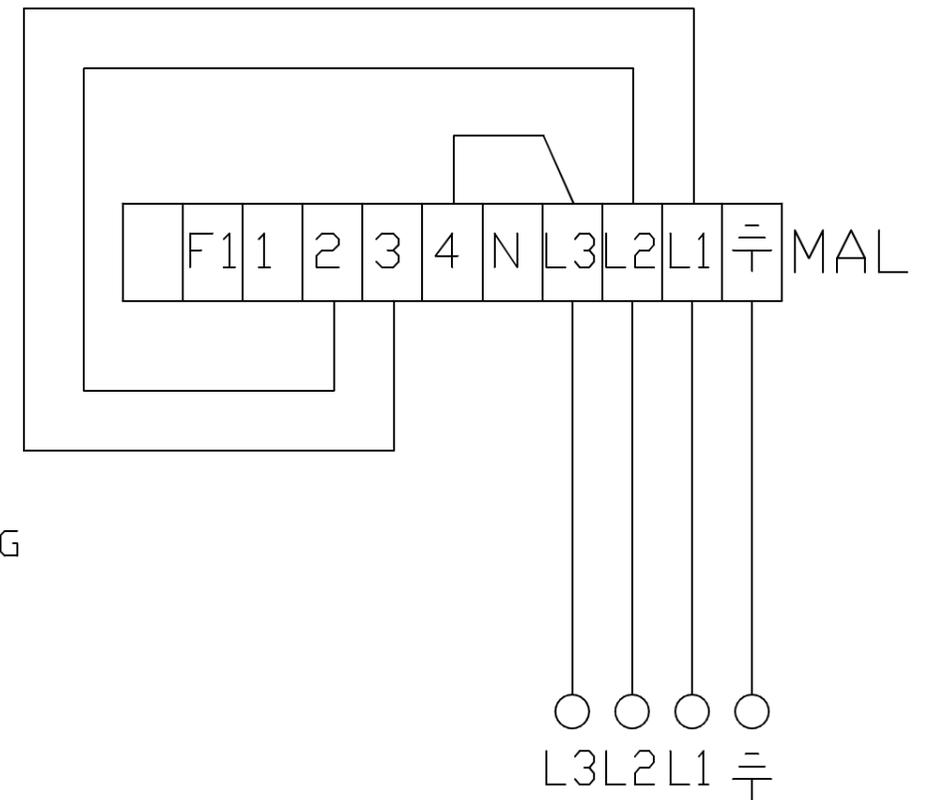
For **USA** see next page.

USE WIRES SECT. 12 AWG



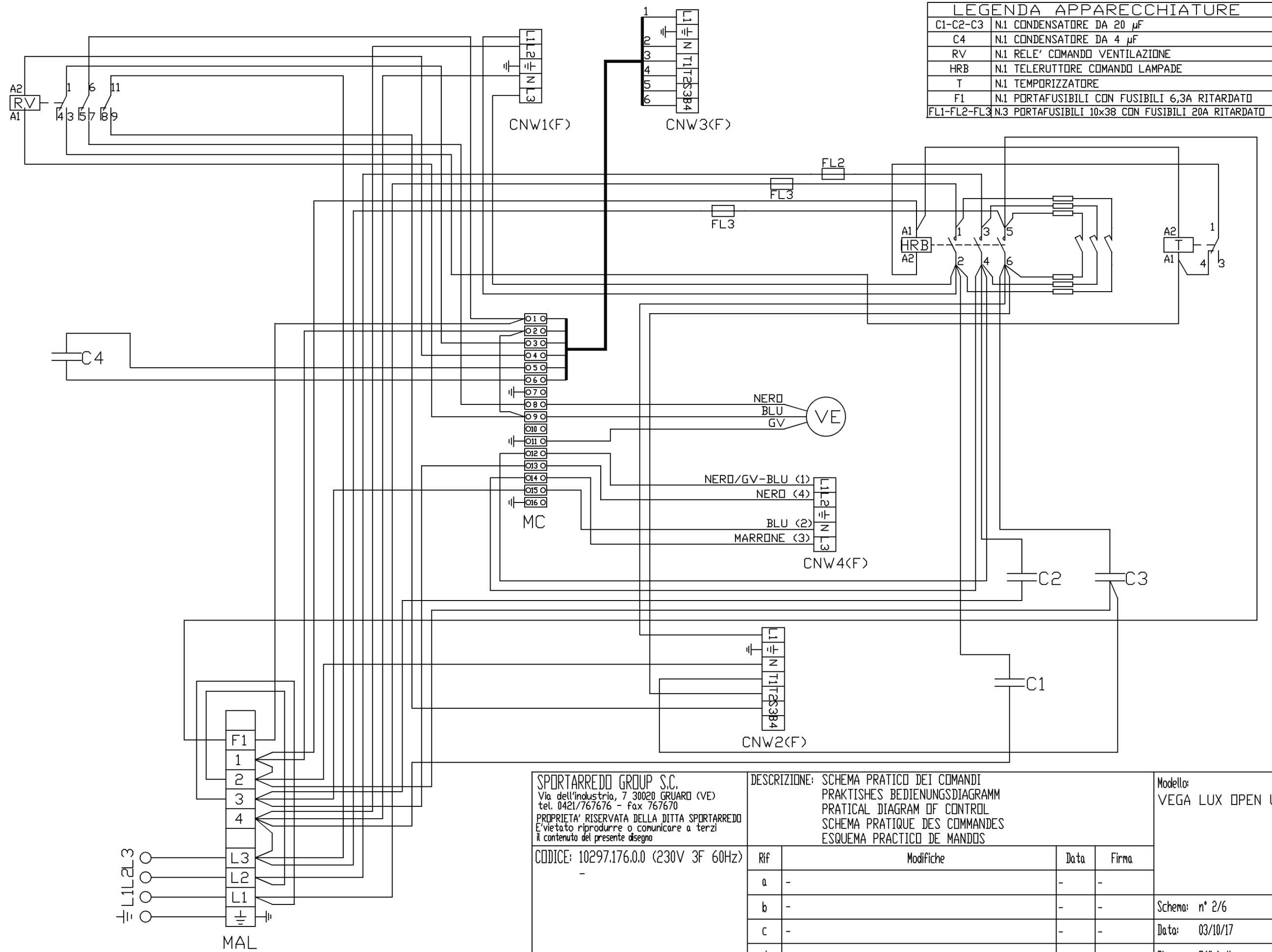
V = 230V MONO 60Hz

← USE WIRES SECT. 7 AWG



V = 230V 3F 60Hz

SPORTARREDO GROUP S.C. Via dell'industria, 7 30020 GRUARO (VE) tel. 0421/767676 - fax 767670 PROPRIETA' RISERVATA DELLA DITTA SPORTARREDO E' vietato riprodurre o comunicare a terzi il contenuto del presente disegno	DESCRIZIONE: SCHEMA CAMBIO TENSIONE DIAGRAMM FUR SPANNUNGSANDERUNG VOLTAGE-CHANGE DIAGRAM SCHEMA CHANGE TENSION ESQUEMA CAMBIO TENSION				Modello: VEGA LUX OPEN USA	
	CODICE: 10297.085.0.0 (230V 3F 60Hz)	Rif	Modifiche	Data		Firma
	10299.079.0.0 (230V MONO 60Hz)	a	-	-		-
	10297.176.0.0 (230V 3F 60Hz)	b	-	-		-
		c	-	-		-
		d	-	-		-
	e	-	-	-		
CODICE CASS./CABL: -	f	-	-	-	Schema: n° 1/6 Data: 03/10/17 Dis: P.Pavan Contr: file: G_VEGAUSA.dwg	



LEGENDA APPARECCHIATURE	
C1-C2-C3	N.1 CONDENSATORE DA 20 μF
C4	N.1 CONDENSATORE DA 4 μF
RV	N.1 RELE' COMANDO VENTILAZIONE
HRB	N.1 TELERUTTORE COMANDO LAMPADE
T	N.1 TEMPORIZZATORE
F1	N.1 PORTAFUSIBILI CON FUSIBILI 6,3A RITARDATO
FL1-FL2-FL3	N.3 PORTAFUSIBILI 10x38 CON FUSIBILI 20A RITARDATO

SPORTARREDO GROUP S.C.
 Via dell'industria, 7 30020 GRUARO (VE)
 tel. 0421/767676 - fax 767670
 PROPRIETA' RISERVATA DELLA DITTA SPORTARREDO
 E' vietato riprodurre o comunicare a terzi
 il contenuto del presente disegno

CODICE: 10297.176.0.0 (230V 3F 60Hz)

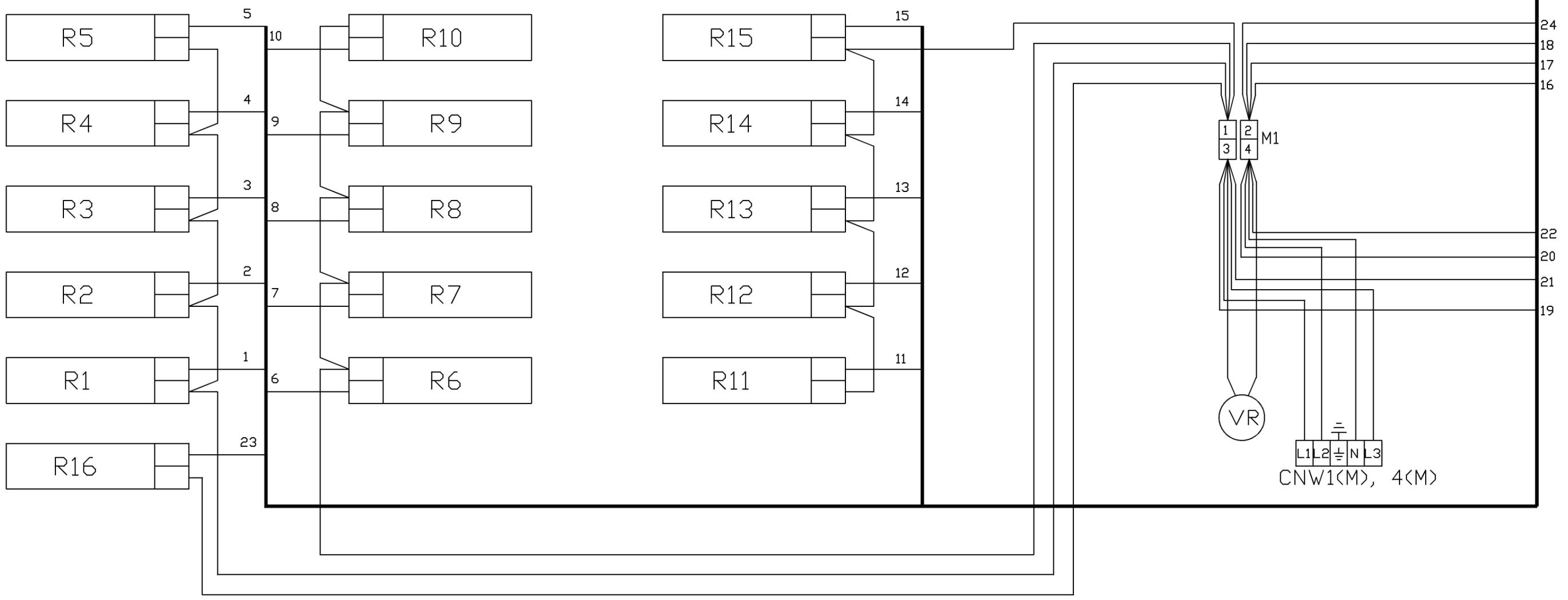
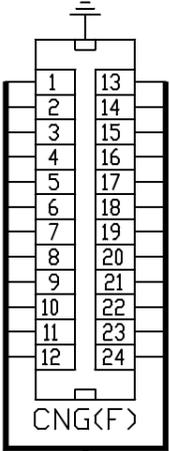
DESCRIZIONE: SCHEMA PRATICO DEI COMANDI
 PRAKTISCHES BEDIENUNGSDIAGRAMM
 PRATICAL DIAGRAM OF CONTROL
 SCHEMA PRATIQUE DES COMMANDES
 ESQUEMA PRACTICO DE MANDOS

Modello:
 VEGA LUX OPEN USA

Rif	Modifiche	Data	Firma
a	-	-	-
b	-	-	-
c	-	-	-
d	-	-	-
e	-	-	-
f	-	-	-

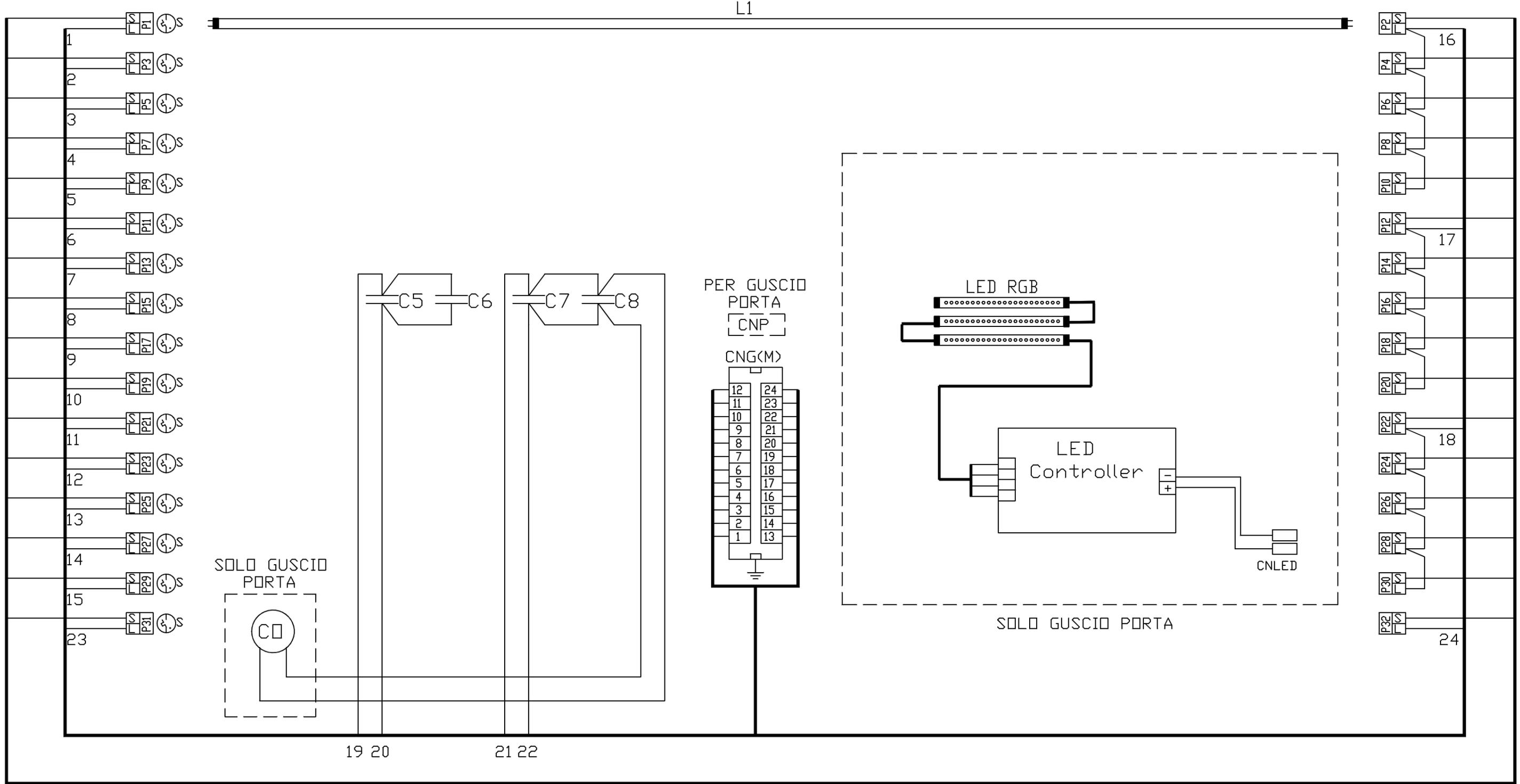
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 Data: 03/10/17
 Dis: R.Micheli
 Contr:
 file: G_VEGA2Ausa.dwg

CODICE CASS: 14203.223.0.0



LEGENDA APPARECCHIATURE
 R1-R16 N.16 REATTORI DA 160W BASSA PRESSIONE

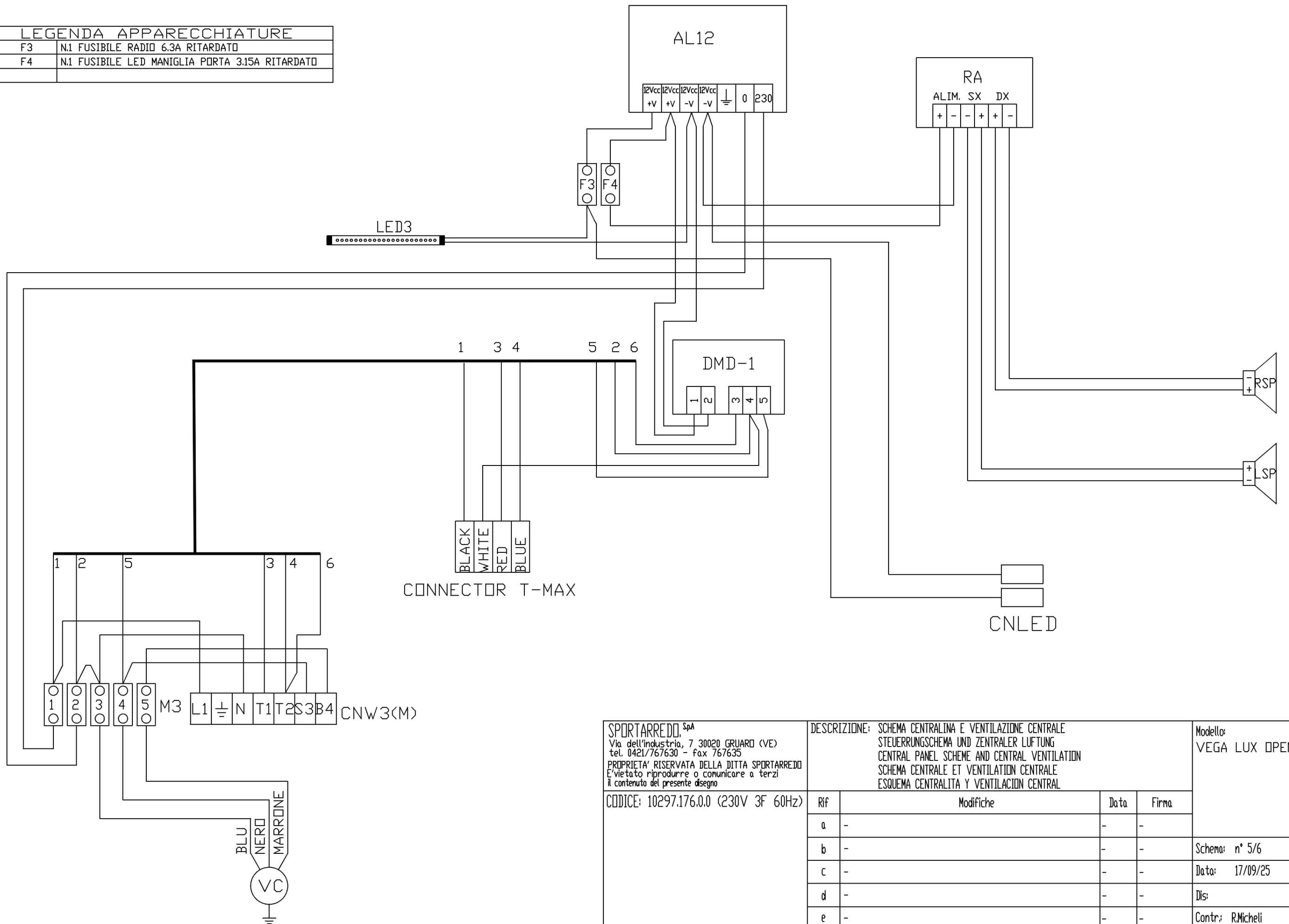
SPORTARREDO GROUP S.C. Via dell'industria, 7 30020 GRUARO (VE) tel. 0421/767676 - fax 767670 PROPRIETA' RISERVATA DELLA DITTA SPORTARREDO E' vietato riprodurre o comunicare a terzi il contenuto del presente disegno		DESCRIZIONE: LAMIERA REATTORI GUSCIO DX, SX, PORTA STEISUNGSKASSETTE FUR SHALE RECHTE, LINKE UND TUR BALLASTS BOX FOR SHELL RIGHT, LEFT AND DOOR CASSETTE ALIMENTATEURS POUR LA COQUILLE DROITE, GAUCHE ET PORTE CAJA ALIMENTADORES PARA CONCHA DERECHA, IZQUIERDA Y PUERTA			Modello: VEGA LUX OPEN USA	
CODICE: 10297.085.0.0 (230V 3F 60Hz) 10299.079.0.0 (230V MONO 60Hz) 10299.176.0.0 (230V MONO 60Hz)		Rif	Modifiche	Data	Firma	
		a	-	-	-	
		b	-	-	-	Schema: n° 3/6
		c	-	-	-	Data: 03/10/17
		d	-	-	-	Dis: P.Pavan
		e	-	-	-	Contr:
CODICE CASS./CABL.: 14203.294.0.0		f	-	-	-	file: G_VEGA3usa.dwg



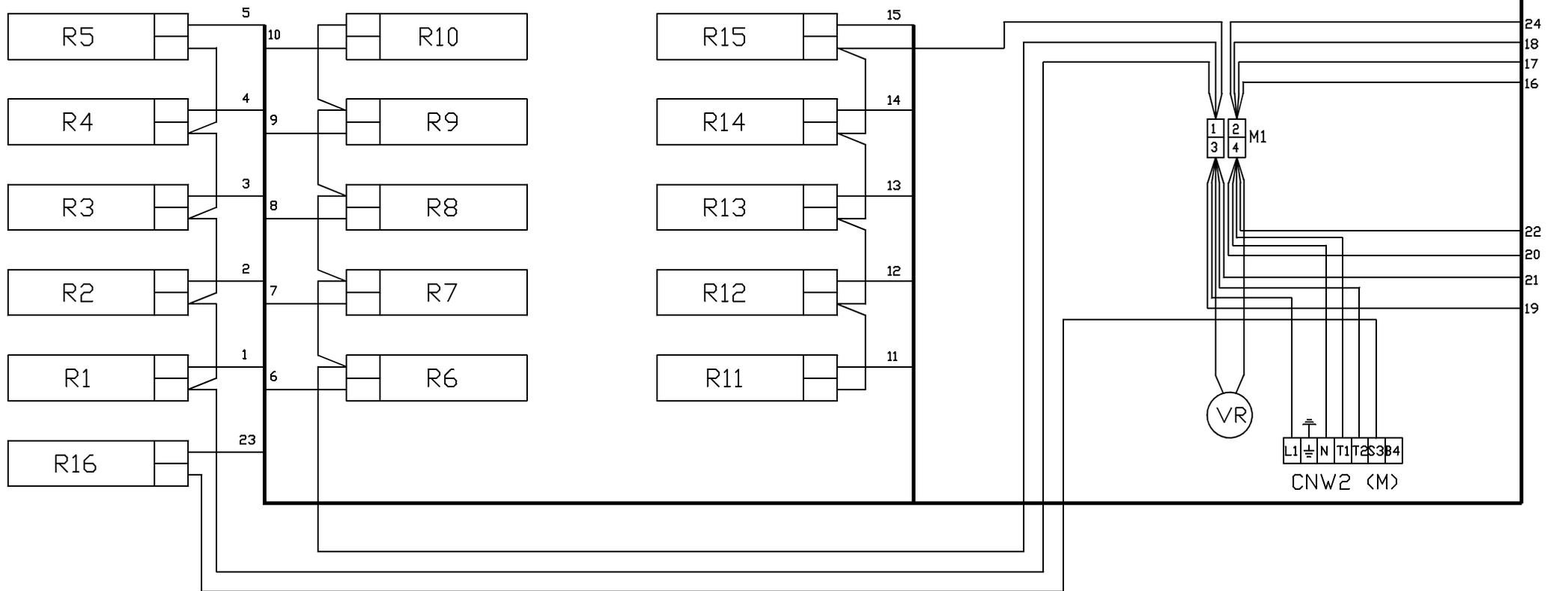
CO	CONTAORE
C5->C8	N.4 CONDENSATORI DA 65 µF
L1	N.16 LAMPADE 160W BASSA PRESSIONE

SPORTARREDO GROUP S.C. Via dell'industria, 7 30020 GRUARO (VE) tel. 0421/767676 - fax 767670 PROPRIETA' RISERVATA DELLA DITTA SPORTARREDO E' vietato riprodurre o comunicare a terzi il contenuto del presente disegno		DESCRIZIONE: SCHEMA CABLAGGIO GUSCI GEHAUSESHEMA SHELLS DIAGRAM SCHEMA COQUILLE ESQUEMA CABLAJE CONCHA			Modello: VEGA LUX OPEN USA
CODICE: 10297.176.0.0 (230V 3F 60Hz)	Rif	Modifiche	Data	Firma	
	a	Led rgb su porta	17/09/25	R.Micheli	
	b	-	-	-	Schema: n° 4/6
	c	-	-	-	Data: 03/10/17
	d	-	-	-	Dis: P.Pavan
	e	-	-	-	Contr:
CODICE CASS./CABL: 14273.141.0.0	f	-	-	-	file: G_VEGA4usa.dwg

LEGENDA APPARECCHIATURE	
F3	N.1 FUSIBILE RADIO 6.3A RITARDATO
F4	N.1 FUSIBILE LED MANIGLIA PORTA 3.15A RITARDATO



SPORTARREDO, SpA Via dell'industria, 7 30020 GRUARO (VE) tel. 0421/767630 - fax 767635 PROPRIETA' RISERVATA DELLA DITTA SPORTARREDO E' vietato riprodurre o comunicare a terzi il contenuto del presente disegno	DESCRIZIONE: SCHEMA CENTRALINA E VENTILAZIONE CENTRALE STEUERRUNGSCHEMA UND ZENTRALER LUFTUNG CENTRAL PANEL SCHEME AND CENTRAL VENTILATION SCHEMA CENTRALE ET VENTILATION CENTRALE ESQUEMA CENTRALITA Y VENTILACION CENTRAL			Modello: VEGA LUX OPEN USA	
	CODICE: 10297.176.0.0 (230V 3F 60Hz)	Rif	Modifiche	Data	Firma
	a	-	-	-	
	b	-	-	-	Schema: n° 5/6
	c	-	-	-	Data: 17/09/25
	d	-	-	-	Dis:
	e	-	-	-	Contr: R.Micheli
CODICE CASS./CABL: -	f	-	-	-	file: VEGA5usa.dwg



LEGENDA APPARECCHIATURE	
RI-R16	N.16 REATTORI DA 160W BASSA PRESSIONE

SPORTARREDO GROUP S.C. Via dell'Industria, 7 30020 GRUARO (VE) tel. 0421/767676 - fax 767670 PROPRIETA' RISERVATA DELLA DITTA SPORTARREDO E' vietato riprodurre o comunicare a terzi il contenuto del presente disegno	DESCRIZIONE: LAMIERA REATTORI GUSCIO DX STELSUNGSKASSETTE FÜR SHALE RECHTE BALLASTS BOX FOR SHELL RIGHT CASSETTE ALIMENTATEURS POUR LA COQUILLE DROITE CAJA ALIMENTADORES PARA CONCHA DERECHA				Modello: VEGA LUX OPEN USA
	CODICE: 10297.085.0.0 (230V 3F 60Hz) 10299.079.0.0 (230V MONO 60Hz) 10297.176.0.0 (230V 3F 60Hz)	RIF a - b - c - d - e - f -	Modifiche 	Data - - - - -	Firma - - - - -
CODICE CASS./CABL.: 14203.294.0.0	f -	 	 	 	file: G_VEGA6usa.dwg