

By ProSun International, LLC.

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15 Minutes



**ProSun X5 34 SLi Intensive
ProSun X5 34 SPr Intensive**

User's Manual

ProSun[®]

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A Worldwide Leader in Tanning Equipment

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Congratulations on the purchase of your ProSun tanning bed. Your new tanning bed has been manufactured with the utmost care and attention and consists of high-quality parts. All ProSun tanning beds have been developed to give you the best possible tan, whilst complying with the strictest applicable FDA & UL/CSA standards.

⚠ WARNING

- Read the instruction booklet before using this product
- When using a folding combination machine with a canopy and bench, lie down on the bench and pull the canopy down as far as it will go
- When using a canopy only, lie down and pull the canopy down to a point no closer to the body than the minimum allowed usage distance 4 inches or 10 centimeters
- Operation of this device closer to the body than the recommended minimum distance for use may result in overexposure
- Recommended eyewear: provided eye shields (Intrexco nr. 5635/1s) or equivalent eyewear as defined under 21CFR1040.20,2(b)(6)
- Two pair of protective eyewear are furnished with this equipment and should be worn by all persons in the room when lamps are on
- Disconnect power before attempting to clean, relamp or engage in the maintenance of this product



⚠ DANGER

- Ultraviolet radiation
- Follow instructions
- Avoid overexposure
- **WEAR PROTECTIVE EYEWEAR** - Failure to do so may result in severe burns or long term injury to the eyes
- 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
- Medications or cosmetics may increase your sensitivity to the ultraviolet radiation
- Consult your physician before using sun lamps, if you are using medication or have a history of skin problems or believe yourself to be especially sensitive to sunlight
- If you do not tan in the sun, you are unlikely to tan from the use of this product
- Minimum use distance is 4 inches or 10 centimeters
- Tanning may appear after one application, provided that your skin is capable of developing a suntan
- Allow a minimum of 48 hours between exposures
- To reach maximum session times, follow the recommended exposure schedule
- To maintain your tan, it is recommended that you tan no more frequently than twice a week and do not exceed maximum exposure times



RECOMMENDED TANNING SCHEDULE

SKIN TYPE		MAXIMUM EXPOSURE TIME IN MINUTES			
		Week 1	Week 2	Week 3	Maximum
I	Sensitive Skin <small>Burns easily & severely Does not tan</small>	Tanning Not Advised			
II	Light Skin <small>Burns easily & severely Tans minimally</small>	2	4	8	15
III	Normal Skin <small>Burns moderately Tans moderately</small>	3	6	12	15
IV	Dark Skin <small>Burns minimally Tans well/above average</small>	5	9	13	15

The following lamps (or compatible) have been certified for use in this equipment:

CANOPY:
LightSources Signature Series FR71/VH® 160W
Cosmolux VHR 160W

BENCH:
LightSources Signature Series FR71/H® 100W
Cosmolux VLR 100W

FACIAL UNITS WHERE APPLICABLE:
LightSources F25T5 25W
Cosmolux LS 25W
Phillips HPA 400/30S

This product is in conformity with performance standards for sun lamp products under 21 CFR PART 1040.20

CERTIFIED LAMPS
C-LUM03

THE FOLLOWING INSTRUCTIONS ARE IN COMPLIANCE WITH 'POLICY ON LAMP COMPATIBILITY' , 21 CFR 1040.20(e)(2)(iii)

LAMP TYPE:	EQUIVALENT TO:
ProTech High Intensive Dual XL R-UVA 180watt	Lighttech Dual 180watt XLc R-UVA
PrroTech High Intensive RUVA 160watt	Signature Series FR71 VHOR 160watt Cosmolux VHR TT 160W FR71 Mega Voltage Plus Gold Series F75VSR 160W Mega Voltage Gold Series F75VSR 160W Speed 325VSR F71 BI PIN
ProTech Intensive R-UVA 100watt	Signature Series FR71/HOR 100watt Cosmolux VLR 18810/100W, Philips Professional 100W S-R Cosmolux Goldarium SR F71 BP/100W, Speed 225R SPD71-T12-225R
ProTech Facial HPA 400watt	Philips HPA 400/30s
ProTech SoftPower R-UVA 25watt	Spaghetti 25watt (F25T5/25w) Spaghetti 25watt (FR25T5/25w)

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 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 use of this product.

Sunlamp - DANGER - Ultraviolet radiation. Follow instructions.
Use ONLY in fixture equipped with a timer.

ALWAYS FOLLOW INSTRUCTIONS ACCOMPANYING THE SUNLAMP PRODUCT TO AVOID AND MINIMIZE POTENTIAL INJURY! ALWAYS WEAR PROTECTIVE EYEWEAR!

PURCHASER SHOULD RETAIN THIS FORM FOR FUTURE REFERENCE AND COMPATIBILITY INFORMATION

Important Notice:

- NEVER OPERATE THIS MACHINE WHEN THE AMBIENT ROOM AIR TEMPERATURE IS GREATER THAN 90 DEGREES FAHRENHEIT.
- NEVER OPERATE THIS MACHINE IN A COMMERCIAL APPLICATION WHEN THE REMOTE TIMER IS NOT WORKING PROPERLY.
- NEVER OPERATE THIS MACHINE WHEN THE BLUE FILTER GLASS IN ANY FACIAL TANNER IS NOT INSTALLED OR IS BROKEN / DEFECTIVE.
- NEVER OPERATE THIS MACHINE WHEN IT IS NOT VENTILATING ITSELF PROPERLY (TOO HOT INSIDE).
- THE SALON OWNER OR OPERATOR MAY NEVER, UNDER ANY CIRCUMSTANCES, OPEN THE BENCH OR CANOPY OF PROSUN UNITS WITHOUT THE SUPERVISION OF AN AUTHORIZED SERVICE PERSON.

CAUTION: Please refer to your individual bed for the recommended tanning schedule and proper exposure times for the model that you have purchased.

The Electrical requirements for you tanning bed are:

Model	breaker 3~	breaker 1~	volt 3~	Volt 1~	Hertz	Operating Amps3~	Operating Amps1~
X7 42 H Int.	40 Amp	60 Amp	3x220V	220V	60Hz	30-35	50-55
X7 38 H Int.	40 Amp	60 Amp	3x220V	220V	60Hz	24-29	46-52
X7 38 Int	40 Amp	60 Amp	3x220V	220V	60Hz	22-25	44-50
V5 H Int.	40 Amp	50 Amp	3x220V	220V	60Hz	26-30	41-46
X5 34 Sli.	30 Amp	50 Amp	3x220V	220V	60Hz	25-27	40-43
X5 34 Spr	30 Amp	50 Amp	3x220V	220V	60Hz	23-25	38-42

Operating any 220 Volt combination at voltage levels below 210 Volts or above 230 Volts constitutes an automatic NULLIFICATION of the ProSun factory warranty, because it could cause damage to the unit's system.

Please insure that your electrician and/or installer, reads this user's manual carefully prior to the installation of your tanning bed.

WARNING: ALWAYS DISCONNECT THE TANNING BED FROM ITS POWER SUPPLY WHEN SERVICING OR REPAIRING THE UNIT.

Read this first

Note:

Please consult enclosed tanning schedule for advised tanning times.

Repairs may only be carried out by qualified personnel. Always disconnect the main power at the circuit breaker before servicing or repairing the unit.

- 1 Contact ProSun Tanning International immediately if this unit does not function as outlined in this manual.
800-874-2776
or tr CSV. 800-501-8485
- 2 Do not operate this unit in a moisty or humid space.
- 3 Always make sure the fuses can carry the load
- 4 Always disconnect the power to the unit at the wall breaker when servicing or cleaning the in-side construction of the cabine. Maintenance for which the procedure is not described in this manual should only be done by a qualified electrician. Never clean the electrical components with fluids.
- 5 Ensure that the canopy when opened does not touch the wall. This will prevent damage.
- 6 Avoid having the acrylic sheets come into contact with sharp objects.
- 7 This unit may not be operated if:
 - the user is not wearing protective uv-goggles
 - the blue or white facial glass is cracked or broken
 - the acrylic panel in the canopy and/or bench is not present
 - one or more of the fans in the unit are not functioning properly
 - the timing mechanism is not functioning properly
 - the temperature inside the cabin is 96°F or higher
- 8 To ensure maximum tanning effectiveness, change the acrylic sheet after every 1200 hours of operation.
- 9 To ensure maximum tanning effectiveness, replace the lamps and the facial tanning lamps like indicated by the manufacturer.
- 10 Check the environment regulations of your respective state with regard to the proper manner in which the lamps are to be disposed of.
- 11 Note: only a special acrylic cleaner may be used to clean the acrylic sheet. Never use cleaners that contain alcohol, as these can damage the acrylic sheet.
- 12 The UV-type of the tanning unit is indicated on the specification sticker.
- 13 Ultraviolet radiation from the sun or UV appliances can cause skin or eye damage. These biological effects depend upon the quality and quantity of the radiation as well as the skin and eye sensitivity of the individual.
- 14 The skin may develop sunburn after an excessive exposure. Excessively repeated exposures to ultraviolet radiation from the sun or UV appliances may lead to premature ageing of het skin as well as increased risk of development of the skin tumours.
- 15 The unprotected eye may develop surface inflammation and in some cases, after a cataract operation for example, damage may occur to the retina after eccessive exposure. Cataracts may develop after many repeated exposures.
- 16 If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- 17 Exchanging lamps and starters; remove the lamp by turning this a quarter turn to the left. Remove the starters by turning these a quarter turn to the left. Placement of lamps and starters in opposite order.
- 18 When installing the equipment, keep in mind the prescribed minimum distances as described in the "Dimensions / Placement" chapter.
- 19 Clean the dust filters after every 50 hours of use. Regularly check the dust filters.

10 Golden rules for sensible tanning

Note:

If your customers are using medication, ask them to consult their doctor before embarking on a series of tanning sessions.

- 1 Before your client takes his or her tan in a tanning unit first consult thoroughly the tanning table that you will find in this book and follow its recommendations.
- 2 People have different reactions to sunlight. Somebody with a pale complexion should take more care when tanning than somebody with a darker complexion. Sun beds should not be used by people:
 - Whose skin displays signs of burning due to the simple fact of being exposed to sunlight.
 - Who have already been burned by the sun.
 - Who have a skin condition or have or have had skin cancer.
 - Who are younger than 16 years.With skin type 1.
- 3 Make sure that upon commencing a series of tanning sessions your customers have a rest day following their first tanning session. If there is no sign of any undesirable skin reaction they can then continue with the series of sessions.
- 4 Make sure that your customers do not tan more than once a day. This applies to tanning on the sunappliance and tanning in natural sunlight. The skin does not make a distinction between the two either. Taking exposure to natural sunlight into account.
- 5 Some medicines and beauty products contain substances which can cause certain undesirable reactions when combined with exposure to UV radiation. Other substances may also sometimes have a similar effect. Below you will find a list of substances which can react when combined with exposure to UV radiation:
 - Sulphonamide - in various medicines including antibiotics
 - Tetracyclines - in antibiotics, antiacne preparations
 - Nalidexine acid - in medication for infection of the urinary passages
 - Chlorothiazide - in diuretics
 - Sulphonylurea - in diabetic medication
 - Phenothiazines - anti-stress medication
 - Triacetyldiphenylisatine - in laxatives
 - Psoralenes - in tanning accelerators
 - Cyclamates - in sweeteners
 - Para-aminobenzoic acid (PABA) - in sun protection creams/oils
 - Musk ambrette, musk oil - in perfumes
 - Bleaching agents - in washing powders/liquids
 - Eosine - in colourings
 - Halogenated salicylamide - in antifungal substances
- 6 When combined with exposure to ultraviolet light, cosmetic products - perfumes and make-up, can cause the skin to react. So take care to ensure that your customers skin is clean before tanning. Some products penetrate deep into the skin. Advise your customers to ensure that their skin is clean when tanning. Recommend that they clean their skin thoroughly a few hours before each tanning session, or better still, recommend that they wear no make-up at all the day before. Also advise your customers to remove any jewellery before tanning.
- 7 Make sure that your customers do not use cream or oil that contains a sun block or self-tanning lotion when using the tanning equipment. These products contain substances which influence tanning times and thus make the prescribed times unreliable. Also make sure that your customers do not use tanning pills in combination with a series of tanning sessions or exposure to natural sunlight. The combination of tanning pills and UV light can increase the possibility of skin irritation and sunburn.
- 8 If the skin is red and taut a short time after the tanning session it is likely to be sunburnt. Wait for these symptoms to disappear before tanning again, revise the tanning plan and reduce the length of the individual tanning sessions for the customer in question. If tanning gives rise to undesirable reactions that you cannot explain, stop the series of tanning sessions and advise your customer to see their doctor if the symptoms do not disappear within a short space of time.
- 9 Make sure that your customers always wear protective goggles to protect their eyes - even if you may have seen pictures of people tanning without using these goggles. UV light which directly enters the eyes can cause eye disorders (snow blindness, actinic conjunctivitis or cataracts).
- 10 Reduce the tanning time by 20% during the first 50 hours that the (new) sunappliance is in use. During these first 50 hours the tubes do not emit the normal 100% energy but 120% energy. After the first 50 hours the tubes will emit the normal capacity of between 95% to 100%.

GENERAL ELECTRICAL NOTES

- ALL ELECTRICAL WORK SHALL COMFORM TO THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE, O.S.H.A. OR APPLICABLE LOCAL AND OR STATE ORDINANCES, ASWELL AS UTILITY COMPANY RULES REGARDING AMPERE INTERUP TION AND SAFETY SHUNT TRIP SWITCHES AND POWER PANELS OF WHICH SHALL BEAR THE LABEL OF UNDERWRITER'S LABORATORIES, INCORPORATED AND SHALL BE PERMANENTLY MARKED FOR EASY IDENTIFICATION.
- ALL WIRES SHALL BE SINGLE SOLID RUNS WITHOUT SPLICES MEETING THE N.E.M.A. STANDARDS.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL ELEC TRICAL MATERIAL AS SPECIFIED FOR A SAFE OPERATING SYSTEM.
- THE ELECTRICAL CONTRACTOR SHALL RING OUT, TAG AND TERMINATE ALL WIRES AT BOTH ENDS, WITH EACH RUN TO BE INSPECTED TO ENSURE THAT NO WIRESHAVE BEEN GROUNDED OR OPEN.
- THE CUSTOMER SHALL PROVIDE A DEDICATED POWER SOURCE WHEN BY PROSUN, ITS DEALERS, DISTRIBUTORS OR OTHER DESIGNATED AGENTS.
- ProSun, ITS DEALERS, DISTRIBUTORS OR OTHER DESIGNATED AGENTS ARE NOT RESPONSIBLE FOR THE FINAL INSTALLATION OF THE ELEC TRICAL SYSTEM. THE RECOMMENDED ELECTRICAL PLAN MUST BE COORDINATED BETWEEN THE CUSTOMER AND THE ELECTRICAL CONTRACTOR. ANY DEVIATION TO THE ELECTRICAL PLAN BEFORE, DURING AND AFTER EQUIPMENT INSTALLATION IS THE RESPONSIBIL ITY OF THE CUSTOMER.
- THE ELECTRICAL CONTRACTOR SHALL ENSURE THE COMPLETION OF ALL ELECTRICAL REQUIREMENTS PRIOR TO THE INSTALLATION OF ANY ProSun SYSTEM.

BEAUTY AND THE RESPONSIBLE TANNER

Many people in today's image-conscious society want to be tanned. The Romans built large sunning terraces onto their villas so as to take advantage of the sun's spiritually and physically therapeutic effects. They somehow inherently knew of the positive influences that natural sunlight could lend to the human condition, millennia before the science of photobiology was conceived of.

Researchers in this field have concluded that there are indeed a number of good things that can be had by regulated exposure to filtered sunlight, not the least of which being the production of vitamin D, a major contributing substance in the fight against many different types of skin disorders. All of the body's basic functions are enhanced by a strengthened immune system, which occurs directly as a result of moderate dosages of the right types of ultraviolet light absorbed under controlled conditions.

The negative effects resultant of too much natural sunlight, however, is known to many of us in the forms of sunburn, premature aging and wrinkling of the skin, and finally, skin cancer. Avoiding these notorious hazards at all costs, as well as knowing how your individual skin type reacts to ultraviolet light, are the primary keys to successfully and responsibly achieving the tan you have always wanted.

Start by asking the question, "Just what is a tan?"

UV (ULTRAVIOLET) RAYS

Light is measured and analyzed by reading the variations in frequency of a wavelength (like radio waves) on an oscilloscope. Ultraviolet light isn't visible to the unassisted human eye, and must therefore be measured by special sensing devices, i.e. an UVAmeter. The three types of UV are UVA, UVB and UVC.

UVA has a higher frequency of wavelength than UVB or UVC, and is the ray, which is thought to promote the excretion of pigment from the hormone called "Melanin", which occurs naturally in the skin.

UVB is believed to be the catalyst, or kick-starter for the Melanin to begin producing pigment. It is also the ray, which causes sunburn and wrinkling, so the skin can withstand only brief dosages at very small percentage levels to UVA.

UVC, present in natural sunlight, is mostly filtered out by the ozone layer in the upper atmosphere, and is extremely harmful to human skin, at any level of exposure. In tanning beds, only small percentages of UVB to UVA are used to effect tanning - example: 95% UVA-to-5% UVB - whereby the individual tanner will be placed on an acceptable exposure schedule according to his or her skin type. There is no UVC emitted by tanning lamps.

THE TANNING PROCESS

The sunbed you have purchased is designed to concentrate optimal levels of UVA, in conjunction with very low percentages of UVB, on the outermost layers of the skin, so as to stimulate the production of Melanin pigment, which is slightly pink in its dormant state, and cause it to turn brown after excretion. The more Melanin cells present in the skin determines the amount of pigment that will be excreted and distributed, and therefore the extent of the tan.

A COMPREHENSIVE GUIDE TO RESPONSIBLE TANNING:

1. Depending upon skin type, tanning “treatments, each consisting of 10 to 12 individual sessions, taken over a period of 20 to 24 days, should be embarked upon. No more than 2 of these treatments per week should be undertaken, for more in-depth details for tanning see the schedule label on bed.
2. Allow at least 48 hours to pass between each tanning session.
3. If you are taking any kind of medication, or are wearing facial cosmetics, make sure to first consult your doctor before tanning. Certain ingredients in pharmaceutical products and make-up could induce UV light sensitivity and cause allergic reactions. A table describing a number of known allergens can be seen later in this manual.
4. For best facial tanning results, make sure to clean the face of cosmetics thoroughly at least three hours before each session. Better, if possible, try not to wear any make-up during the day of the session.
5. Don't use tanning lotions, oils or gels, which contain SPF (sun protection factor), as these could hinder the desired tanning effect. Use only those that are specifically manufactured for use in tanning beds.
6. If your skin develops or displays any sort of undesired reaction such as a rash, acne, or unusual dryness, stop tanning immediately. If the problem doesn't clear itself up within a couple of days, consult your doctor.
7. Always avoid sunburn. If you overexpose yourself you could erythemize (sunburn) the skin. Should this occur, stop tanning until the reddish color fully subsides, then recalculate your exposure schedule before continuing the treatment.
8. Read the WARNING label situated in full view of the user on the outside of the sunbed carefully before beginning a tanning session.
9. Never use “tanning accelerator” pills in conjunction with your tanning treatment, as these could lead to an increase of skin sensitivity to sunburn.

CARE AND MAINTENANCE

The Care and Maintenance in this section covers most of the difficulties that you may encounter under normal working circumstances. If your tanning bed fails to operate properly, please review the following steps before calling for service.

**THE TANNING BED YOU PURCHASED CONTAINS VOLTAGES WHICH ARE POTENTIALLY HAZARDOUS. ALL REPAIRS AND GENERAL MAINTENANCE SHOULD BE PERFORMED BY QUALIFIED SERVICE PERSONNEL.
FOR YOUR TANNING BED:**

Safe and continuous operation of your tanning bed depends partially on the care taken by users. Please observe the following precautions when tanning bed is in use.

- **Do not disassemble any part of the bed while in use.**
- **Do not allow sharp objects in the bed while in use.**
- **Do not allow liquid or any foreign objects to get inside the bed.**
- **Ensure the beds back side is at least 6 – 12 inches away from the wall.**
- **Avoid from having the acrylic sheets come in contact with sharp edges and objects**
- **Insure that the main exhaust hoses are never kinked and keep them free of debris.**
- **The room or cabin in which the unit is operated must be well ventilated.**
- **Make sure that the unit never comes in contact with water while connected to power.**
- **Do not turn the machine on and off frequently within the space of 3 minutes.**
- **When replacing or cleaning Facial Lamps, both facial lenses and bulbs should be cleaned with alcohol, to remove of smudges and finger prints**

A FEW QUESTIONS THAT ARE FREQUENTLY ASKED:

Question - How far away from the tanning lamps should the body be positioned?

Answer - To within 10 to 15 centimeters (4 to 6 inches)

Question - Does indoor tanning provide protection against sunburn outdoors?

Answer - No, indoor tanning is cosmetic only. Use lotions with high SPF outdoors

Question - Should a woman tan indoors during pregnancy?

Answer - Always consult your doctor before tanning during pregnancy.

Important note: Not everyone has the same skin type or tanning propensity. This needs to be taken into serious consideration when calculating a proper exposure schedule.

Preventive Maintenance

Frequency:	After each session	Daily	Weekly	Monthly	Every 1200 hr.of use
Clean Acrylic's	*		*	*	
Inspect Facial glass if applicable	*				
Clean and Sanitize goggles	*				
Clean and sanitize bed exterior		*			
Remove and clean the inside acrylic's			*		
Wipe and vacuum fan's, vents and venthoses			*		
Clean all reflectors				*	
Inspect Acrylic's for crack wear	*				
Replace the acrylic's					*
Adjust gas-schock or spring's tension if needed			*		
Check combi set bolts for proper tightness			*		
Inspect vent hoses for optimum cooling			*		

- * Please Refer to the Lamp Manufacturer Specifications for Lamp and Facial Bulb Replacement and Frequency. When replacing Facial Bulbs ensure that any fingerprints on the bulb itself are wiped clean using the cleaning pad provided with replacement bulbs or alcohol.
ProSun recommends the use of Lucasol or Solacryl when cleaning acrylic sheets
- * Certified by: International Smart Tan Network.
For information about becoming a certified member, call or write to: International Smart Tan Network, 3101 Page Avenue, Jackson, MI 49203, (517) 784-1772
The acrylic sheets used in this machine should be changed between 1200 and 1500 hours of operation. If not, UV-transmission could be greatly reduced.

MAINTENANCE

Cleaning the machine:

Always disconnect the main power from the unit before attempting to clean or repair it.

Dust the lamps with a dry cloth - do not use cleaning fluid or alcohol. The acrylics should be taken out at least once every week of operation and cleaned thoroughly with a nonalcoholic disinfectant glass or surface cleaner. If alcohol is used, the acrylic may fade, crack, or break altogether. Failure to use anything other than an approved cleaning material on the acrylic will result in poor UV-transmission, and could eventually cause injury to the person using the machine. Use a vacuum cleaner with a dust nozzle to clean around the ballast racks and throughout the interior portions of the base, top deck, and bench.

Longevity of the acrylic sheets

The acrylic sheets used in this machine should be changed between 1200 and 1500 hours of operation. If not, UV-transmission could be greatly reduced.

ProSun, recommends the use of Lucasol or Solacryl when cleaning acrylic sheets

Longevity of the lamps

Most lamps will display up to 120% of rated output during the first 50 hours of illumination. As such, exposure schedules should be reduced by 20%, or sunburning may occur. After the initial 50 hours, the lamps will run at 100% of their rated output and gradually go down from there, until about 800 hours, whereupon the lamps should be replaced.

- **IMPORTANT:** When replacing or cleaning Facial Lamps, facial lenses and bulbs should be cleaned with alcohol, being free of smudges and finger prints

Please note:

ProSun recommends changing facial filter glass after every 1000 hours of use to maintain peak performance and safety of your tanning equipment.

WARNING DANGER

NEVER use this unit if the blue filter glass is missing, cracked or otherwise damaged. SEVERE INJURY may result within seconds.

We recommend changing blue filter glass after 1,000 hours of use.

What to do with old lamps?

Contact your local garbage disposal company or city authority to find out what is the most environmentally sound manner of throwing away old fluorescent lamps.

REPLACEMENT OF COMPONENTS

WARNING: Before doing any repair or replacement work on this machine, **ALWAYS** disconnect the power (or, if the main power cable has a wall plug, pull it out) at the main circuit breaker.

Opening the bench acrylic:

WARNING: Let the tanning bed cool down for one hour before opening the acrylic 's. To unlock and raise the acrylic sheet for cleaning and bulb replacement, use a coin to turn the screws counter-clockwise. Lift the acrylic and support it by the metal rod. Replace the acrylic in just the opposite manner.

Removal of the Canopy acrylic:

WARNING: Let the tanning bed cool down for one hour before opening the acrylic's
See setup manual page ??

Lamp replacement:

Turn the lamp until the bi-pins can slide easily out of the lamp holder socket, and slowly take it out of the unit. Clicks will be heard as the socket incrementally rotates. Replace the lamp in just the opposite manner.

SEE WARNING LABEL FOR LAMP TYPES.

Starter replacement:

Grasp and turn the starter to the left, one half turn until it comes easily out of the socket. Replace the starter in the opposite manner.

High-pressure facial tanning lamp replacement:

Remove filter cassette by pulling the facial tanning cassette. Making absolutely sure not to touch the glass in the center of the lamp itself, take it out of its box and set it to the side. Hold the old lamp by the reflector and pull out of the lamp holder, until the end you are holding comes free. Replace the new lamp in just the opposite manner, but do not touch the glass in the center of the lamp.

SEE WARNING LABEL FOR LAMPTYPES.

IMPORTANT: ONLY USE MANUFACTURER - AUTHORIZED REPLACEMENT COMPONENTS. FAILURE TO DO SO MAY VOID WARRANTY.

Problem	Probable cause	possible solution
Unit is activated but nothing happens	Timer clears after priming Remote timer is not working	Check to see if the power source has been properly connected Restart the timer and try again Check remote connections
Bed appears too be to hot	Fans are obstructed	Ensure all fans or clear of obstructions and dust.
Unit temperature abnormally warm	Bed is too close to the wall	Pull the bed away from the wall at least 6 – 12 inches.
Individual lamps do not light	Lamp not in socket properly	Lamp is defective Starter is defective Turn lamp in socket until lamp illuminates Replace lamp Replace starter
Facial tanner does not light	Face tanner switch is turned to “Off” position Lamp is defective Switching from “On” to “Off” and back again too quickly	Turn face tanner switch to “On” position Replace lamp Wait a few minutes after switching facials back “On” again (approximately 3 minute cool down time)
Unit goes in to ALARM	See setup manual	

ProSun® International, LLC.

LIMITED WARRANTY EFFECTIVE January 01, 2006

1. **Warranty Period:** PROSUN warrants new tanning equipment manufactured or imported by it, provided it is still owned and operated by the original purchaser, to be free from defects in material and workmanship under normal use and service, for a prorated period of two (2) years from the date of delivery to the original Purchaser.
2. **Activation of Warranty:** To activate this Limited Warranty the original Warranty Registration card attached hereto must be completed by the Purchaser and the Selling Dealer at the time of delivery to the Purchaser, and returned to PROSUN within fifteen (15) days of delivery as a condition precedent to obtaining any coverage under this Limited Warranty. Further, warranty coverage for equipment intended for commercial use will not be considered active until the customer takes possession of the equipment. Equipment intended for residential use, where a Prosun authorized dealer sells equipment to a third party, will be considered active when the third party takes possession of the equipment or six months after the dealer takes possession of the equipment- whichever occurs first.
3. **What is covered:** During the warranty period as specified above PROSUN will replace any defective system or component, at PROSUN's sole discretion. Prior to making any repairs PROSUN will advise the Purchaser of the nature of the problem and the cost to the Purchaser based on the proration of the defective system or component.
4. **What is not covered:**
 - A) Acrylic sheets, starters (igniters), lamps, blue and clear filter glass.
 - B) Any plastic parts affected by discoloration.
 - C) Cracked or broken coverplates, endcaps and sidebars
 - D) Any failure to the external timing system (example: T-Max, FST timers and timer system components)
 - E) Any failure to the external voltage transformer (example: "buck and boost" transformers)
 - F) Any damage caused by the failure of any supporting hardware not supplied by PROSUN.
 - G) Any labor charges, travel time charges, or mileage charges associated with a warranty item.
 - H) Shipping costs back to PROSUN'S factory. PROSUN will pay for ground transportation of repaired or replaced part back to purchaser.
 - I) Tanning units, parts or components damaged in transit where PROSUN'S damaged goods policy is not followed by purchaser or purchaser's designee.

This warranty does not apply to any failure of product due to alterations, modifications, misuse, abuse, neglect, accident, improper maintenance or installation, use of parts not supplied by PROSUN, failure to operate and use the product in accordance with the instructions provided in the Owner's Manual supplied with the product or failure to otherwise meet manufacturer's specifications, or if the serial number has been removed, altered or defaced.

6. **Procedure for Requesting Warranty Work:** In the event of a problem covered under this limited warranty, the customer must first contact PROSUN and obtain a Returned Goods Authorization for products to be repaired or replaced at PROSUN's discretion, provided product(s) are returned freight prepaid to PROSUN. PROSUN will perform its obligation within thirty (30) days from the date of PROSUN's receipt of the Purchaser's authorization to effect repairs and acceptance of the cost of repairs based on the prorated values of the defective systems or components. Any payment due from the Purchaser shall be payable in full prior to PROSUN's return of the repaired system or component. Any product being returned to PROSUN for repair or replacement must be adequately packaged to prevent freight damage and shipped via traceable method
7. **Right to Modify:** PROSUN reserves the right to make changes or improvements in its products without incurring any obligations to similarly alter products which have been previously purchased.
8. **Exclusivity of Warranty:** This warranty is the only warranty made by PROSUN and may only be modified or amended by a written instrument signed by a duly authorized officer of PROSUN. PROSUN's sole and exclusive liability and Purchaser's sole and exclusive remedy under this warranty shall be, at PROSUN's option, to repair or replace, to the extent available on a prorated basis, any such defective Products. These remedies are available only if PROSUN's examination of such Products discloses to PROSUN's satisfaction that such defects actually exist and were not caused by Purchaser's misuse, abuse, neglect, improper installation, maintenance or testing, alterations or modifications, failure to meet manufacturer's specifications or any other cause beyond the range of normal usage, or by accident, fire or other hazard. Repair or replacement of a part does not extend the warranty period or extend the prorated value of a part or product beyond the initial two year limited warranty period from the date of delivery.

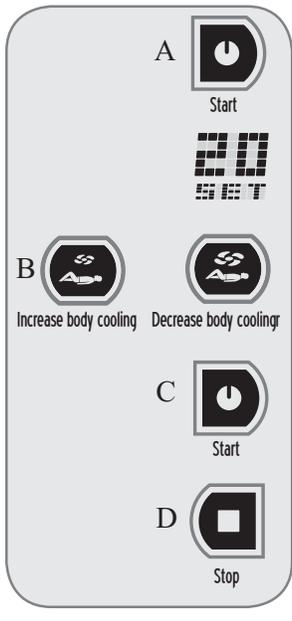
THE WARRANTY SET FORTH ABOVE IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT SHALL PROSUN BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES WITH RESPECT TO THE PRODUCTS DELIVERED HEREUNDER OR SUBSEQUENT USE THEREOF.

9. **Limitation of Liability:** PROSUN shall not be liable for any loss, damages, or penalty resulting from failure to perform any of its obligations under this Agreement due to force majeure or any cause beyond its reasonable control.

PROSUN'S LIABILITY UNDER OR FOR BREACH OF THIS AGREEMENT SHALL NOT EXCEED THE REFUND OF THE PURCHASE PRICE LESS REASONABLE RENTAL FOR PAST USE. IN NO EVENT SHALL PROSUN BE LIABLE FOR COSTS OF PROCUREMENT OF SUBSTITUTE GOODS BY THE PURCHASER OR FOR UNAUTHORIZED REPAIRS UNDERTAKEN BY THE PURCHASER WITHOUT PROSUN'S PREVIOUS WRITTEN APPROVAL. IN NO EVENT SHALL PROSUN BE LIABLE FOR ANY SPECIAL, CONSEQUENTIAL, OR INCIDENTAL DAMAGES, HOWEVER CAUSED, WHETHER FOR BREACH OF WARRANTY, NEGLIGENCE, OR OTHERWISE. PROSUN DISCLAIMS ANY OBLIGATION OR LIABILITY FOR LOSS OF USE OF THE PRODUCT WARRANTED, LOSS OF TIME, INCONVENIENCE, RENTAL OR SUBSTITUTE PRODUCTS, LOSS OF BUSINESS, LOSS OF INCOME, COMMERCIAL LOSS OR ANY OTHER DIRECT, CONSEQUENTIAL, SPECIAL OR INCIDENTAL DAMAGES.

10. **Governing Law:** Notwithstanding principles of conflicts of law of any jurisdiction to the contrary, all terms and provisions of this Agreement are to be construed and governed by the laws of the state of Florida without regard to the laws of any other jurisdiction. The Purchaser waives any and all privileges and rights which they may have under Chapter 47, Florida Statutes (1993), relating to venue as it now exists or may hereafter be amended, and under any other statute, or administrative provision thereof in any legal action on this Agreement; and further, the Purchaser agrees that any legal action brought on this Agreement or in connection therewith, shall be brought in the appropriate court in Pinellas County, Florida.
11. **Attorney's Fees:** Should a dispute arise with regard to this warranty or any other aspect of this sale the prevailing party shall be entitled to reasonable attorneys fees and costs through appeal.

Control without the use of an external timer or coins:



A  Start

B  Increase body cooling  Decrease body cooling

C  Start

D  Stop

The tanning time can be decreased by pressing the “start” button once.

The display will show “SET” and the set maximum tanning time.

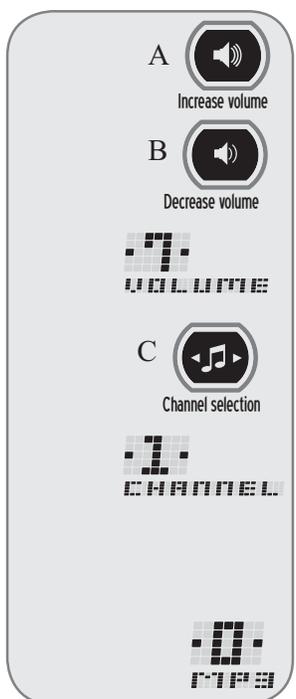
Use the “decrease” “increase body cooling” buttons to decrease and increase the tanning time.

The sun bed can be started by pressing the “start” button.

The equipment will pause when the “stop” button is pressed once. The lights will go out and the ventilator will continue for another 3 minutes. The tanning time will keep counting down. The tanning session can be resumed at any time by pressing the “start” button again. When you press the “stop” button for the second time, the sun bed will enter the compulsory cooling stage. The tanning session has been completed.

Note:

- A. If the sun bed is restarted within 3 minutes after stop has been pressed, it is possible that the face tanners do not switch on. These need to cool down for at least 3 minutes, after which they will switch on automatically.
- B. If the “stop” button is pressed, the airco will switch off after a 5 minute delay. Following these 5 minutes, the airco also has a cooling down period of 3 minutes.
- C. The tanning time will count down.



A  Increase volume

B  Decrease volume

C  Channel selection

MP3

Other control functions:

Press the “increase volume” button to increase the volume of the speakers.

Press the “decrease volume” button to decrease the volume of the speakers.

The volume can be set to 7 different levels. The default level is 4 when the tanning session starts.

Channel selection. Use the “channel selection” button to select the desired music channel. There is a choice of 4 music channels.

Note:

A. if no Soundaround package has been connected the above buttons will not be active. The display will show “not present” when you press any non-active buttons.

B. If a Soundaround system is connected the software will detect this automatically, and the accompanying buttons will be activated. If an MP3 option has been connected, there will be a choice of 5 music channels. Channel 0 is always the channel used for listening to MP3 music.



▷ (optional) The “air conditioning” button is used to switch the airco on and off. It will be turned on by default at the start of each tanning session.

Note:

- A. The air conditioning can be switched off by pressing the button for at least 2 seconds.
- B. Once the air conditioning has been switched off, it must cool down for 3 minutes before it can be switched on again.



▷ If the “air conditioning” button is pressed during cool-down, the display will show the remaining cooling down time.



▷ (optional) The “Xsens” button switches the Xsens scent on and off. It will be switched on by default at the start of each tanning session.



▷ The “face tanners max” button is used to switch both the outside two as the centre face tanner(s) to their maximum setting.

▷ The “face tanners min” button is used to switch both the outside two as the centre face tanner(s) to their minimum setting.



▷ Setting 1: All face tanners on minimum setting

Setting 2: Centre face tanner(s) on maximum, outside face tanners on minimum setting

Setting 3: All face tanners on maximum setting

Please Note:

- A. The face tanners are switched off by pressing the “face tanner min” button for 5 seconds.
- B. When the tanning session starts face tanning setting 1 will be active.
- C. These buttons are only present on an SLi sun bed.



▷ B. When the tanning session starts face tanning setting 1 will be active.

C. These buttons are only present on an SLi sun bed.



▷ Use the “extra face tanning” buttons to switch the SPPr lamps above the face on and off. The “extra body tanning” button is used to switch the small SPPr lamps above the body on and off.



Note:

- A. For extra face and body tanning there is no cooling down period after switching on and off.
- B. When the tanning session starts the extra face and body tanning will be active.
- C. These buttons are only present on an SPPr sun bed.



▷ The “increase face cooling” button increases the face cooling.



▷ The “decrease face cooling” button decreases the face cooling.



▷ The face cooling can be set to 4 different levels.



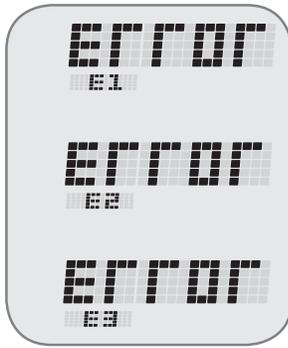
▷ The “increase body cooling” button is used to increase the body cooling.

The “decrease body cooling” button is used to decrease the body cooling.



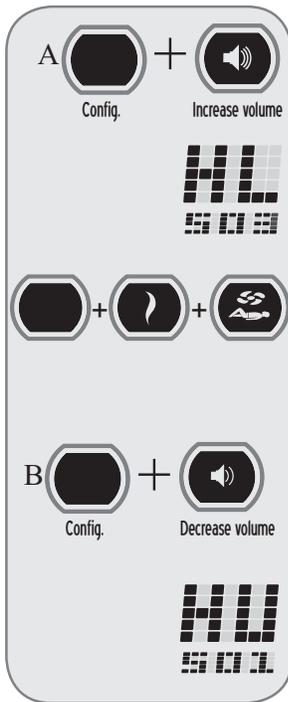
▷ The body cooling can be set to 4 different levels.

Error messages:



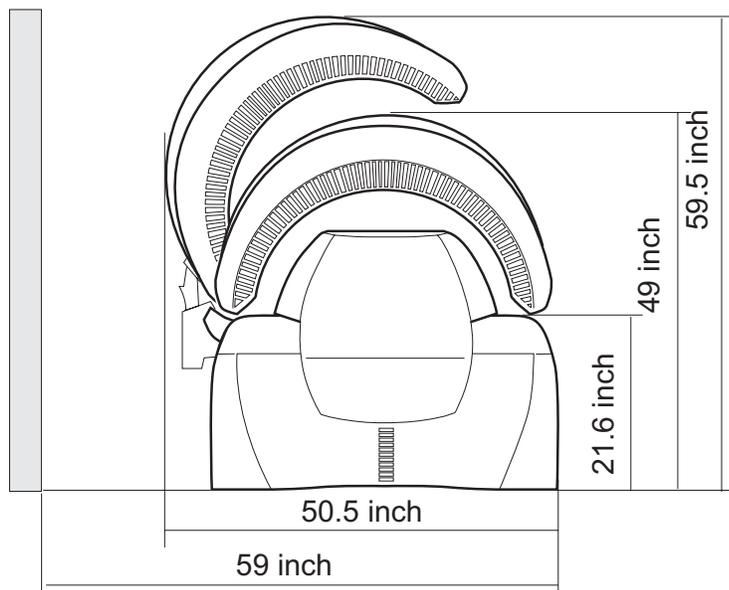
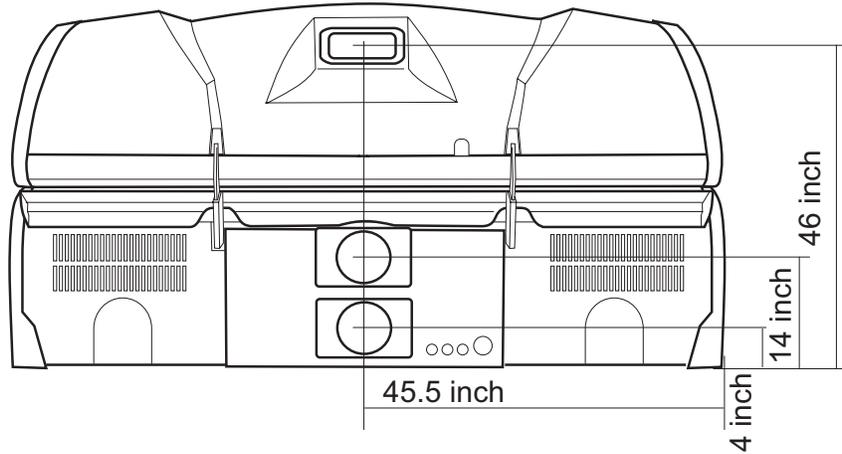
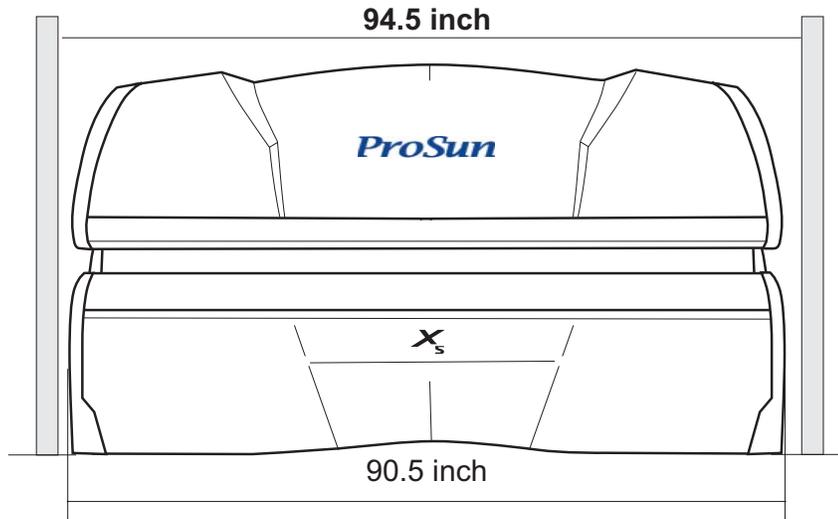
- ▶ Error! Internal timer has a defect
- ▶ Error! Ventilator in bottom tray has a defect
- ▶ Error! Communication fault between control and switch parts

 **! If one of the above error messages appears on the display, you must stop using the sun bed and take the plug out of the socket. Please contact your dealer.**

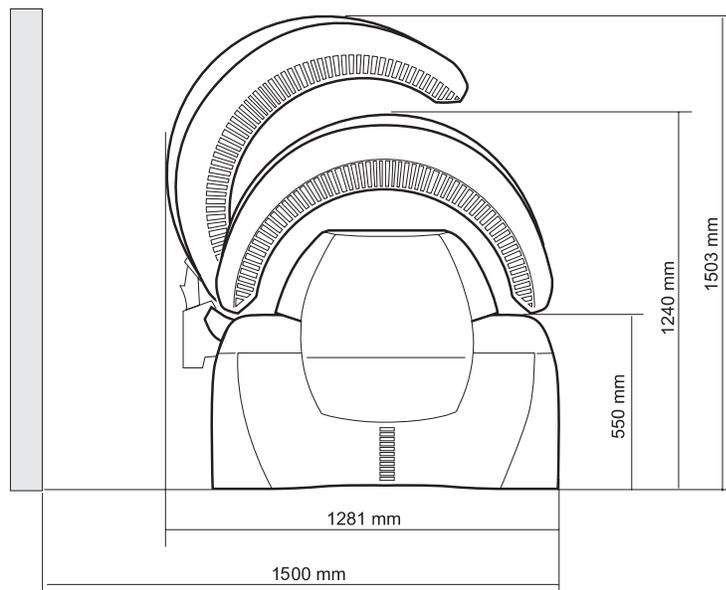
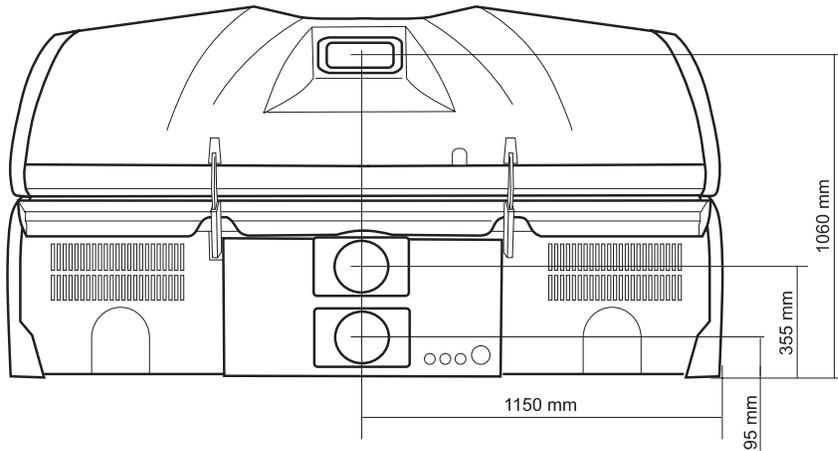
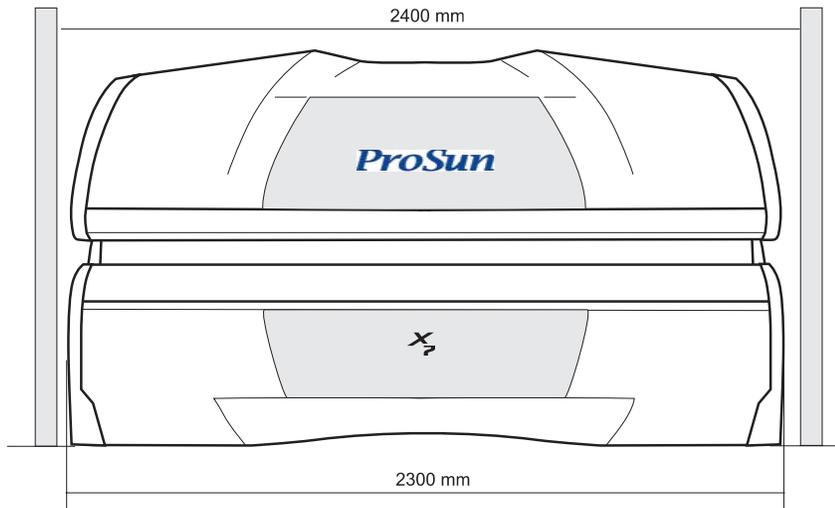


- ▶ To be able to read the hour counter for the lights, press the the “config” and “increase volume” simultaneously for 3 seconds and keep them pressed.
- ▶ Time indication x 10 = burning hours for the lamps
E.g.:
a. 5 = 5 x 10 = 50 burning hours
b. 50 = 50 x 10 = 500 burning hours
- ▶ The hour counter is reset to 0 hours by simultaneously pressing the “config” “Xsens” and the “increase body cooling” buttons for 5 seconds.
- ▶ The hour counter of the sun bed indicates the number of hours the sun bed has been running, including the ventilation time.
The hour counter is read by simultaneously pressing the “config” and the “decrease volume” buttons for 3 seconds and keeping them pressed.
- ▶ Time indication x 10 = sun bed hours
E.g.:
a. 5 = 5 x 10 = 50 sun bed hours
b. 50 = 50 x 10 = 500 sun bed hours

Dimensions in inches



Dimensions in millimeters



Removing the acrylic sheets Démontage des plaques en acrylique Desmontaje de las placas acrílicas

Warning!

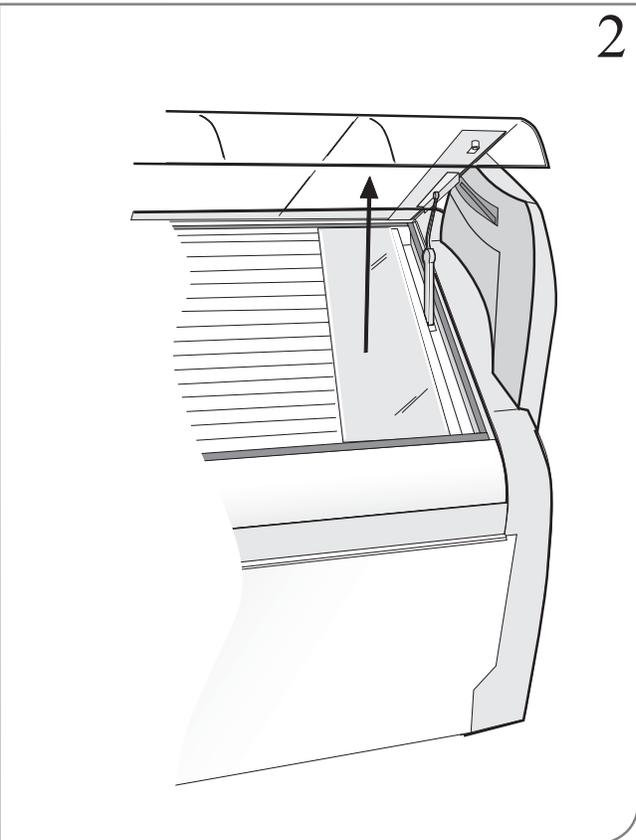
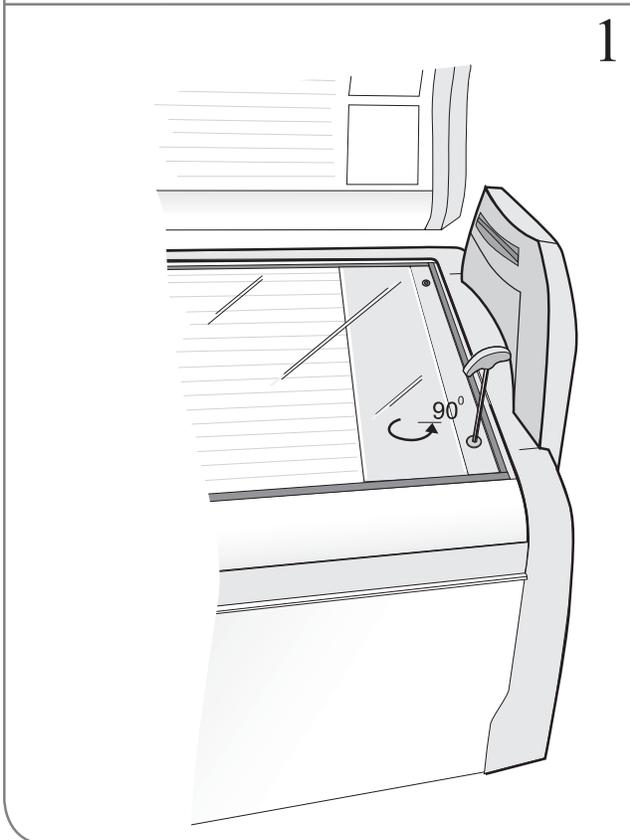
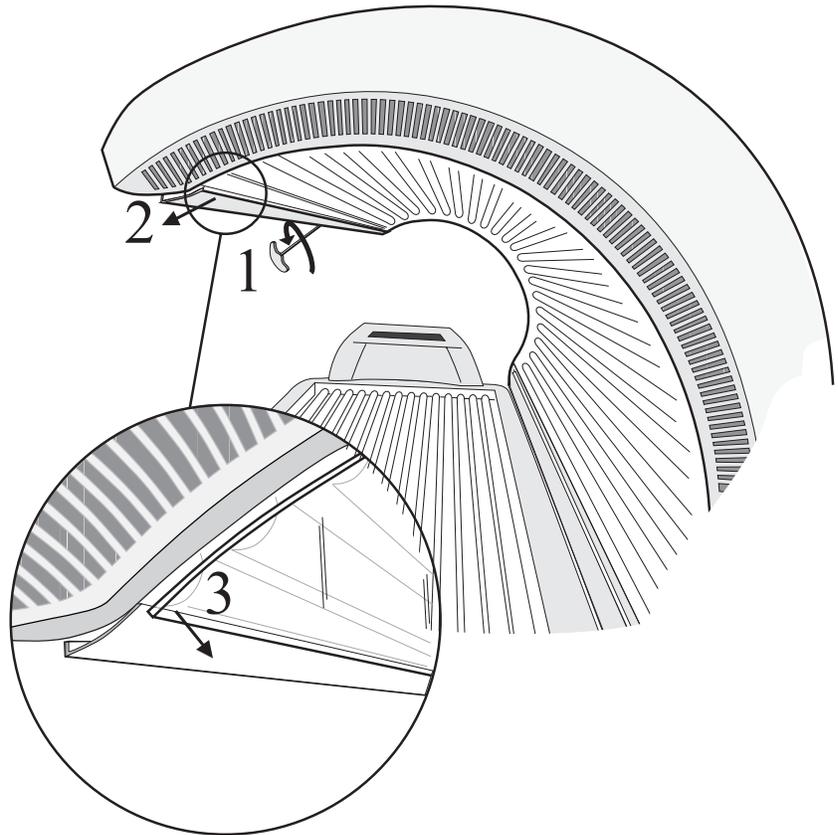
Before obtaining access to terminals, all supply circuits must be disconnected.

Attention!

Débranchez l'appareil avant de procéder à son entretien

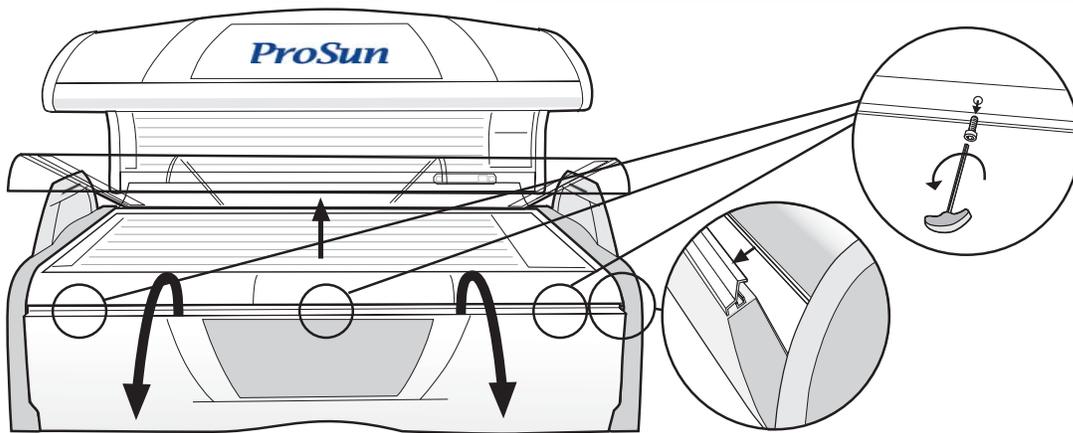
Atención!

Antes de realizar el mantenimiento, desconecte el aparato de la corriente eléctrica.

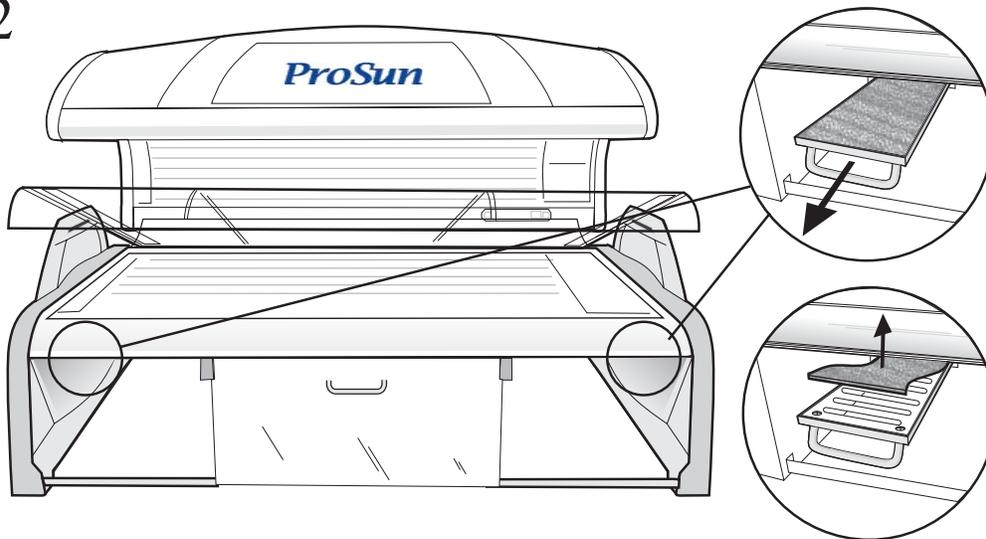


Removing the filter holders Démontage des supports de filtres Extracción de portafiltros

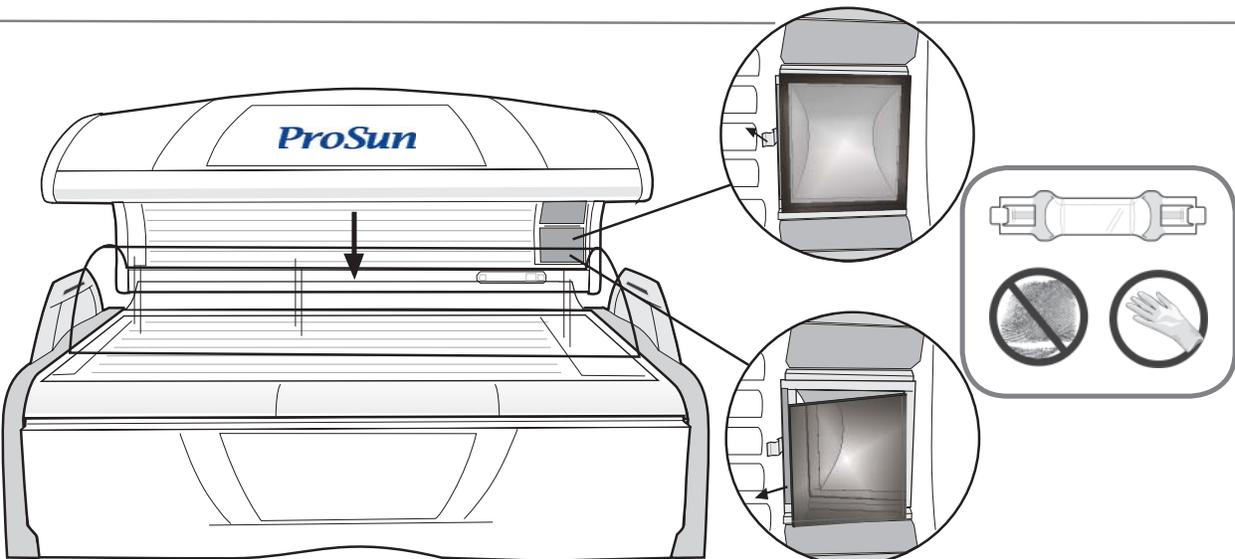
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2

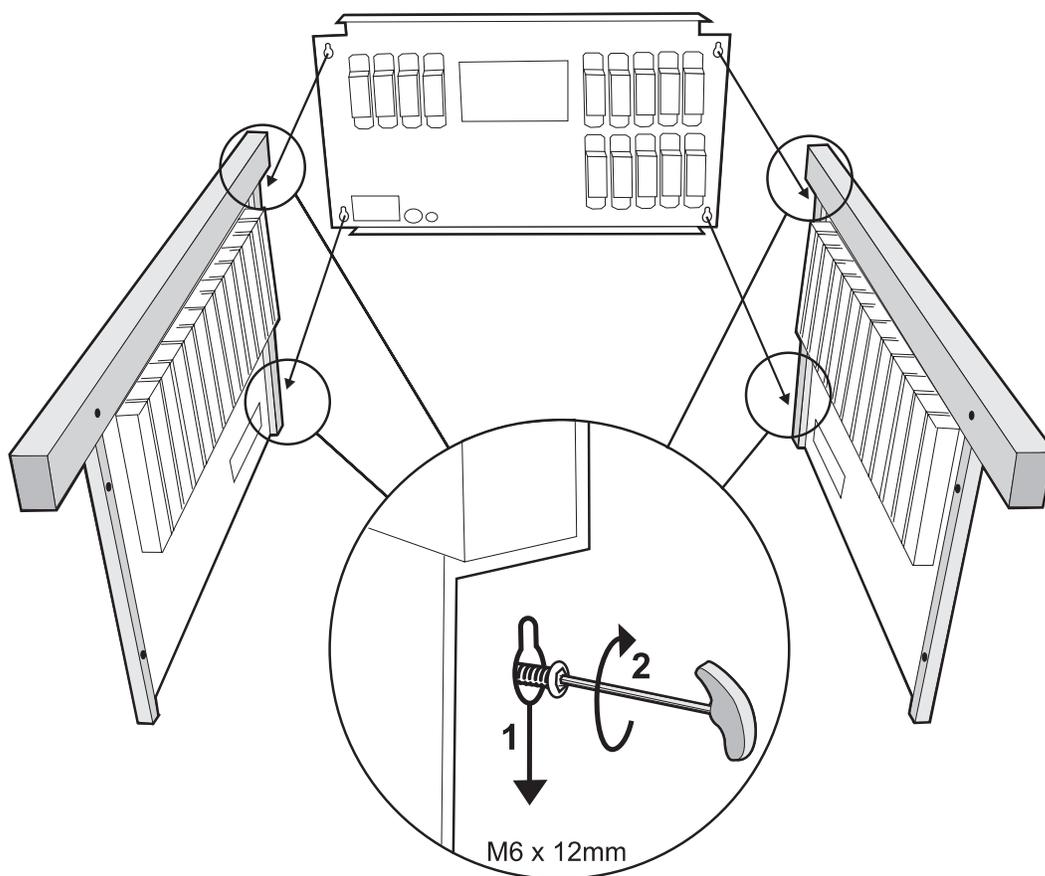


Removing the face tanners Démontage des lampes visage Extracción de bronceadores de rostro

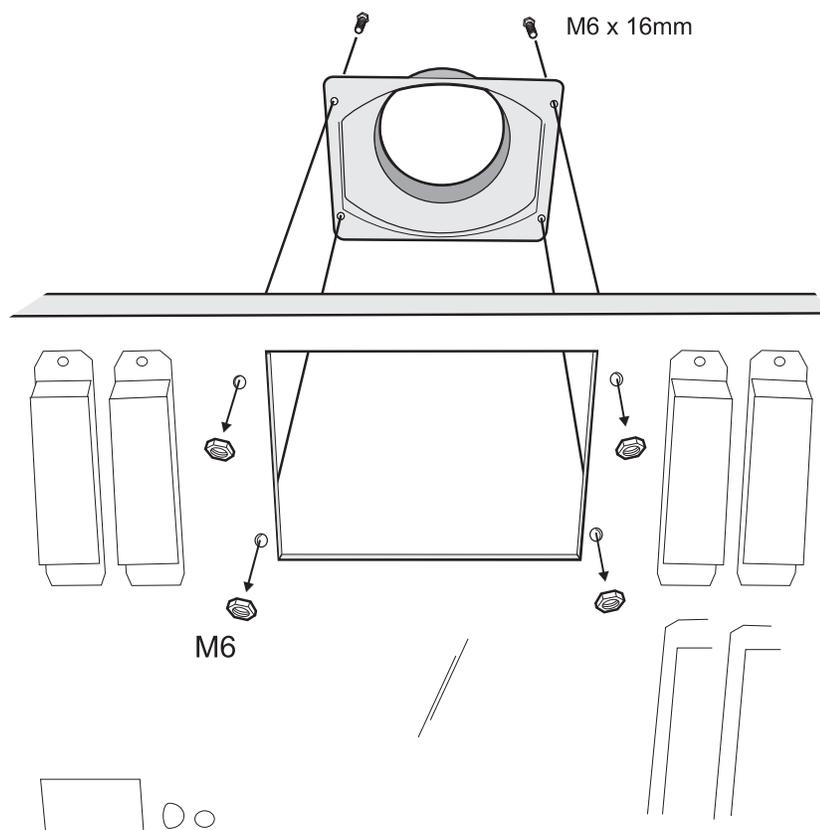


Assembly Montage Montaje

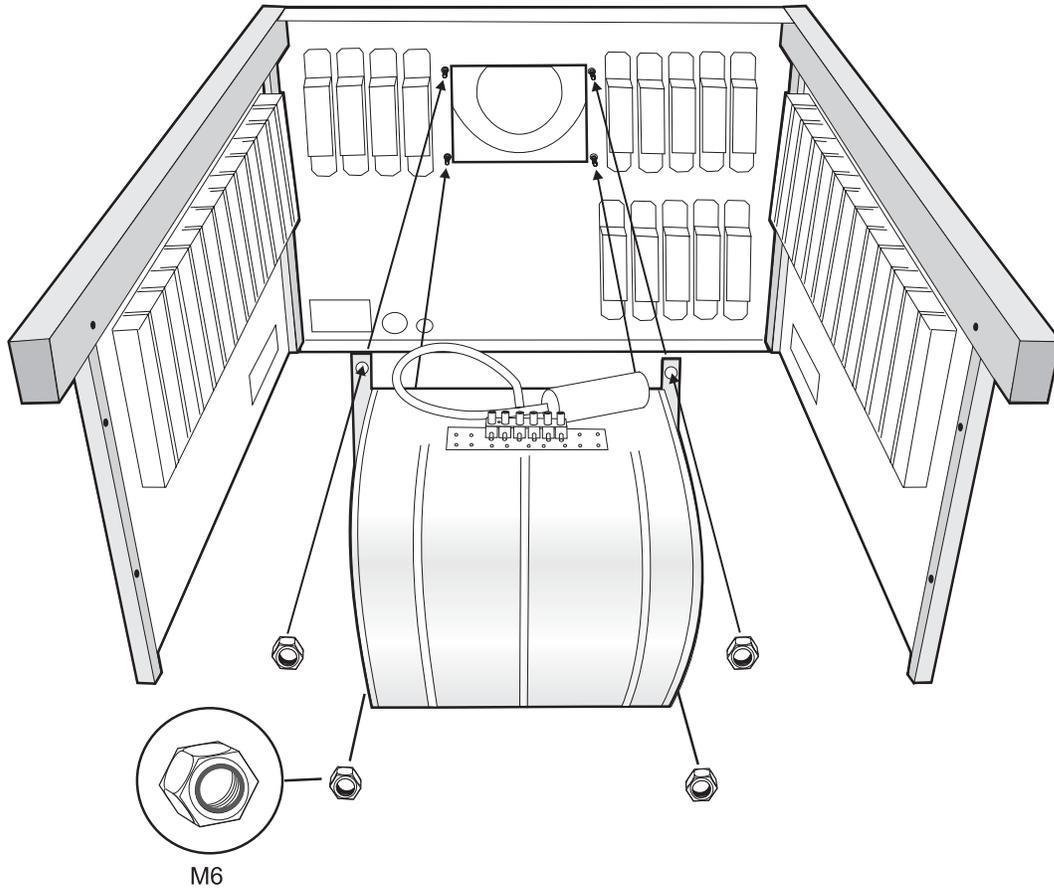
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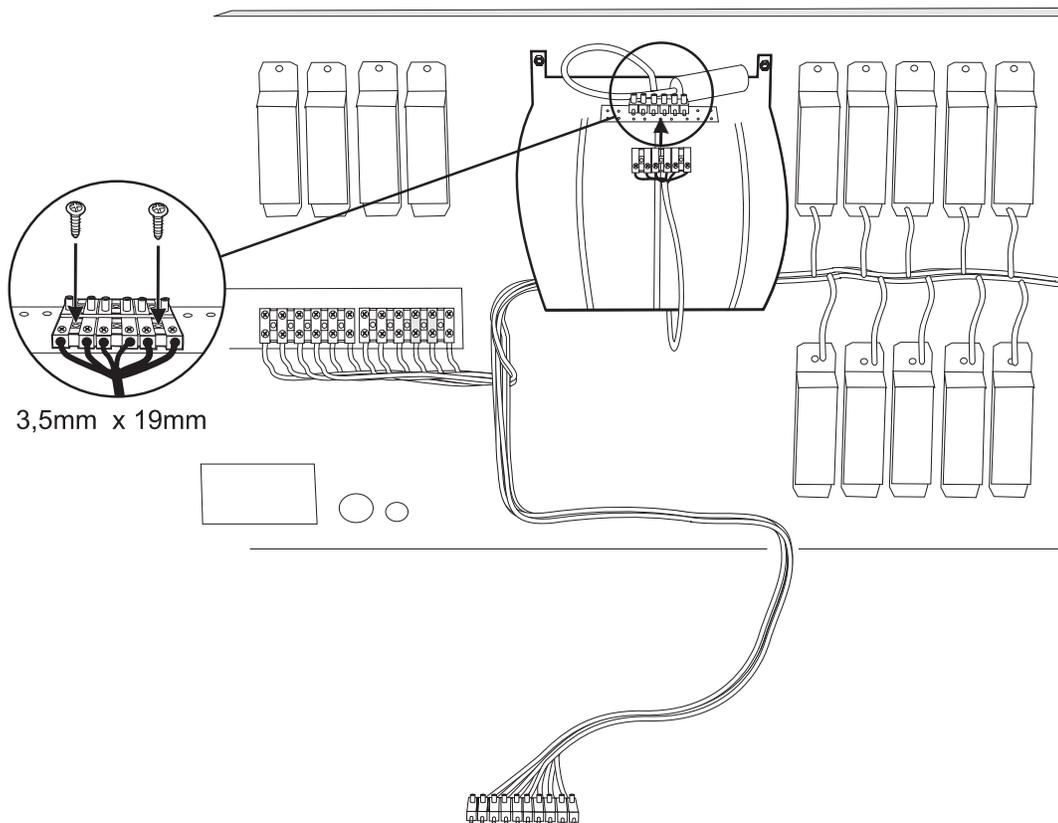
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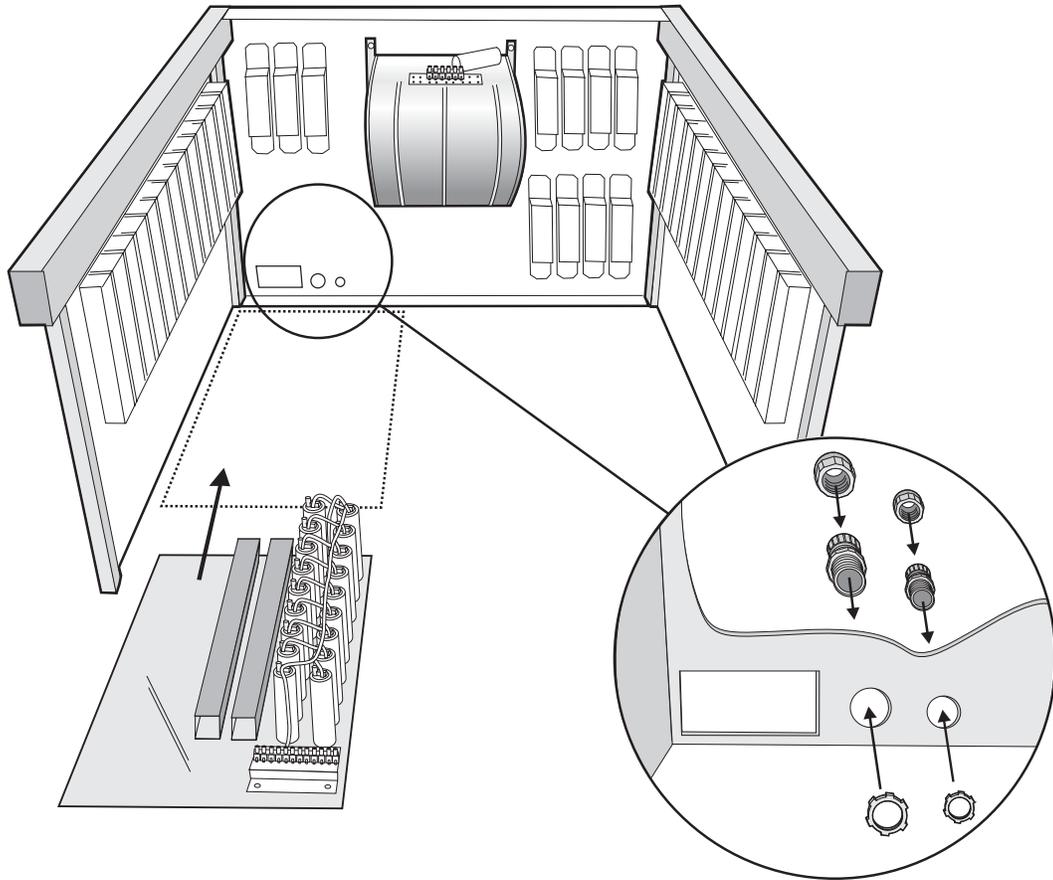
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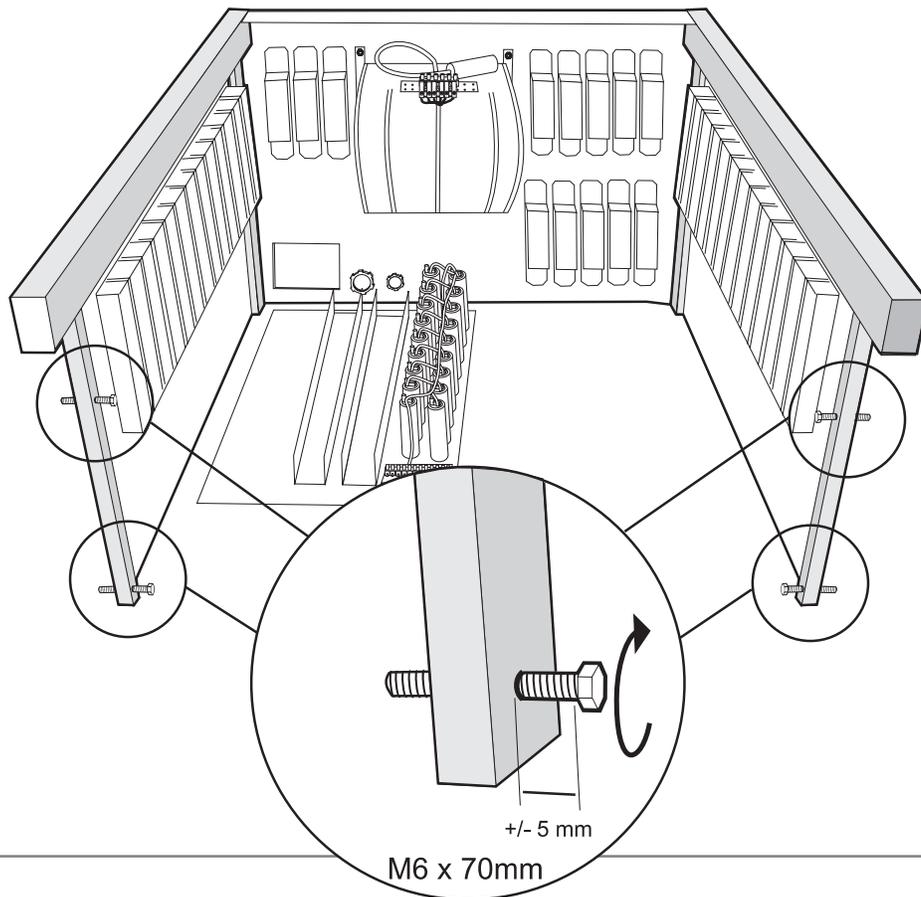
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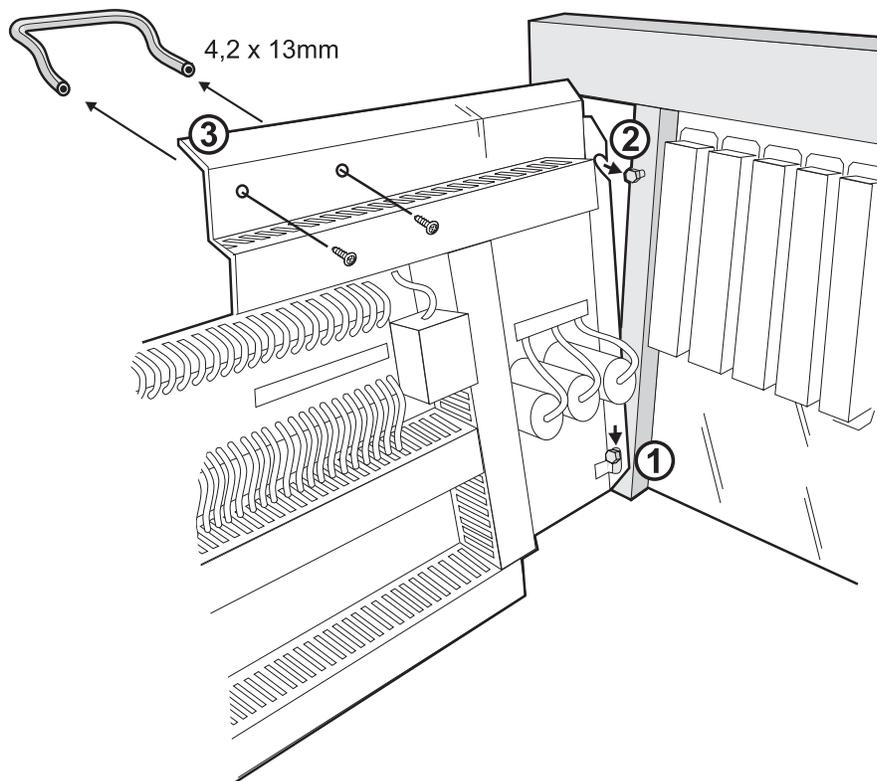
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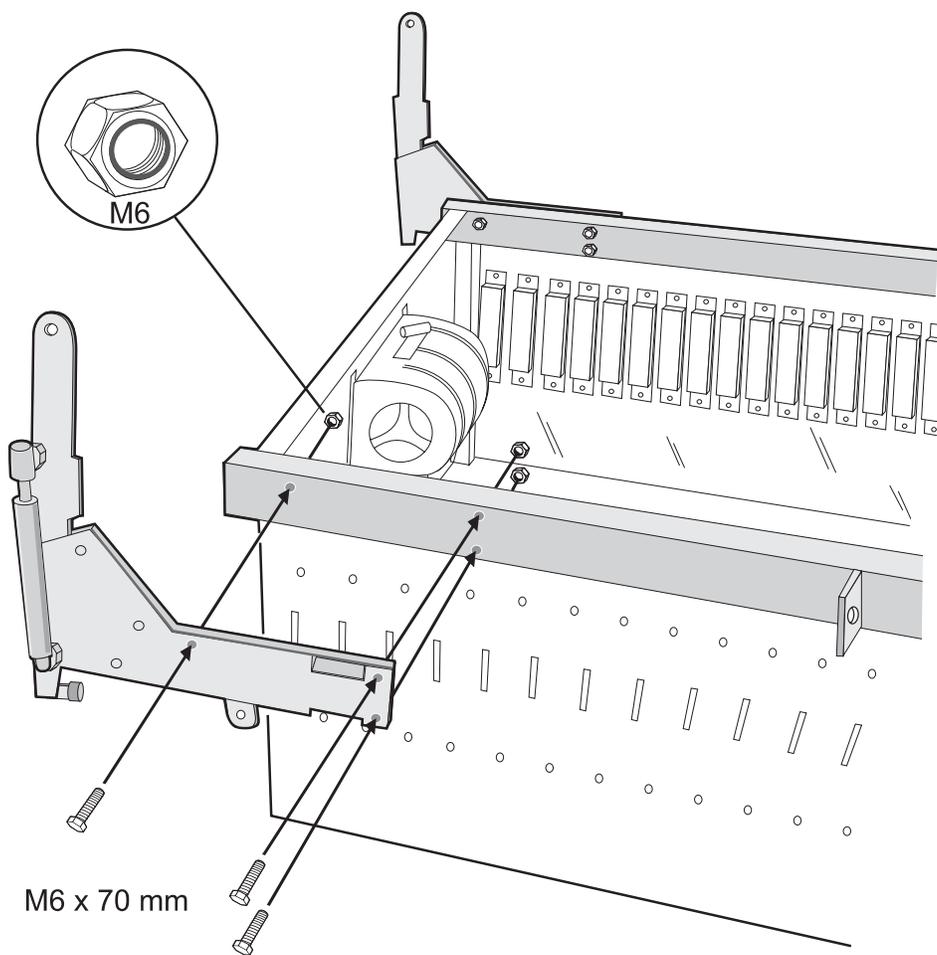
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7

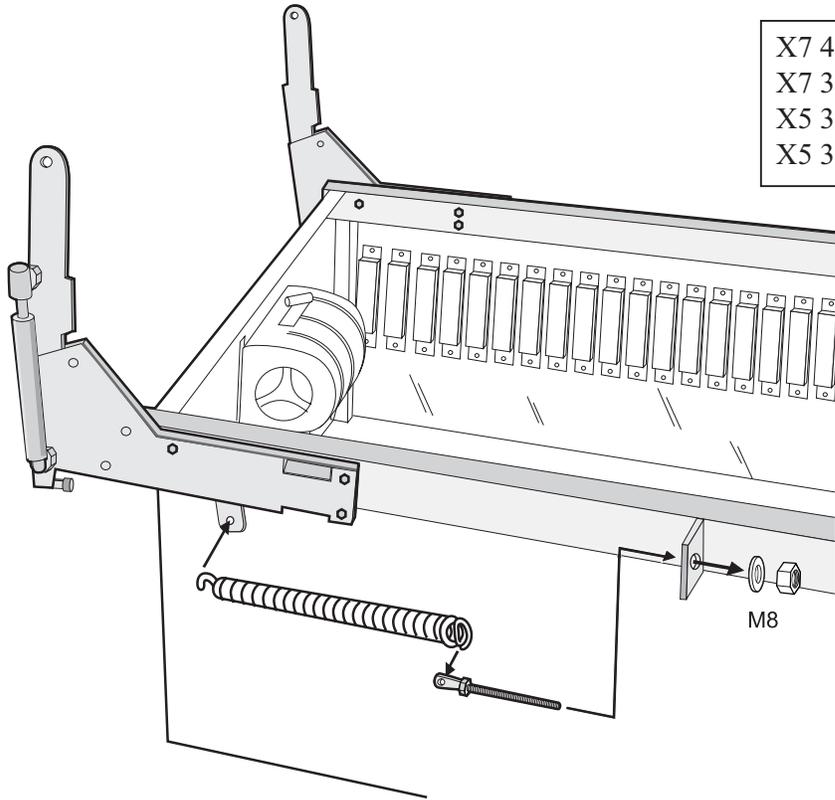


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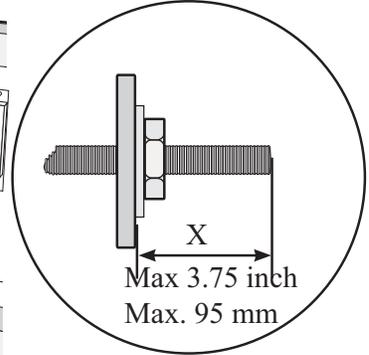


Assembly Montage Montaje

9

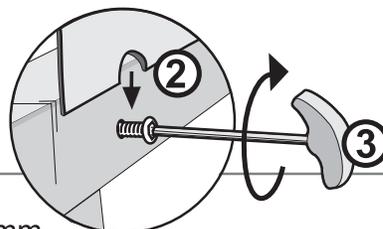
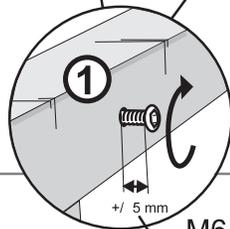
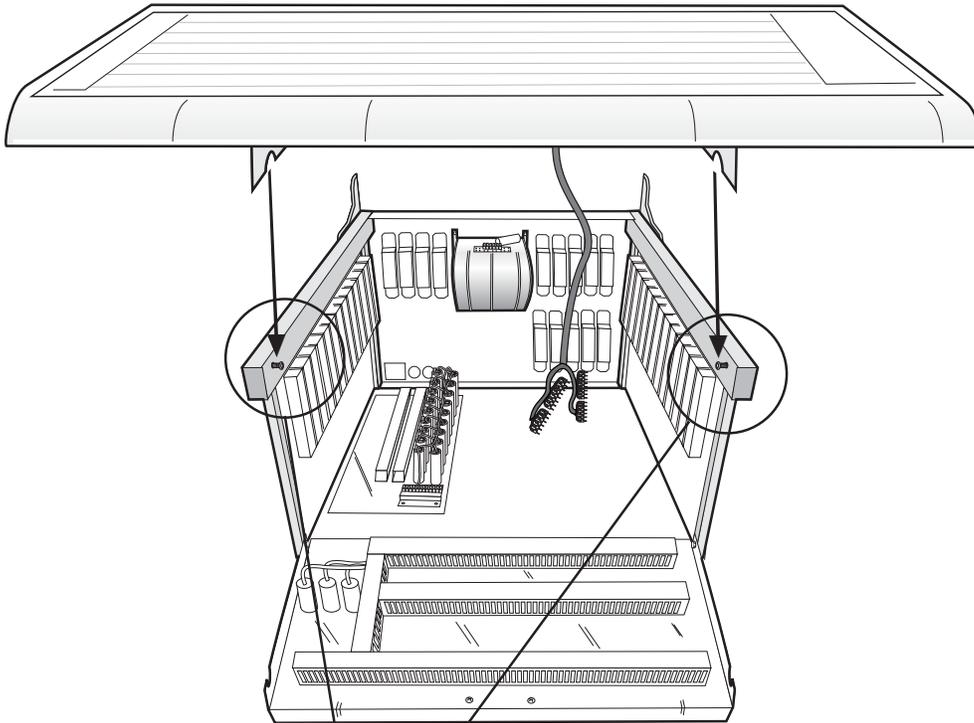


X7 42 SLi	X= 2.75 inch
X7 38 SLi	X= 2.5 inch
X5 34 SLi	X= 2.1 inch
X5 34 SPr	X= 1.2 inch

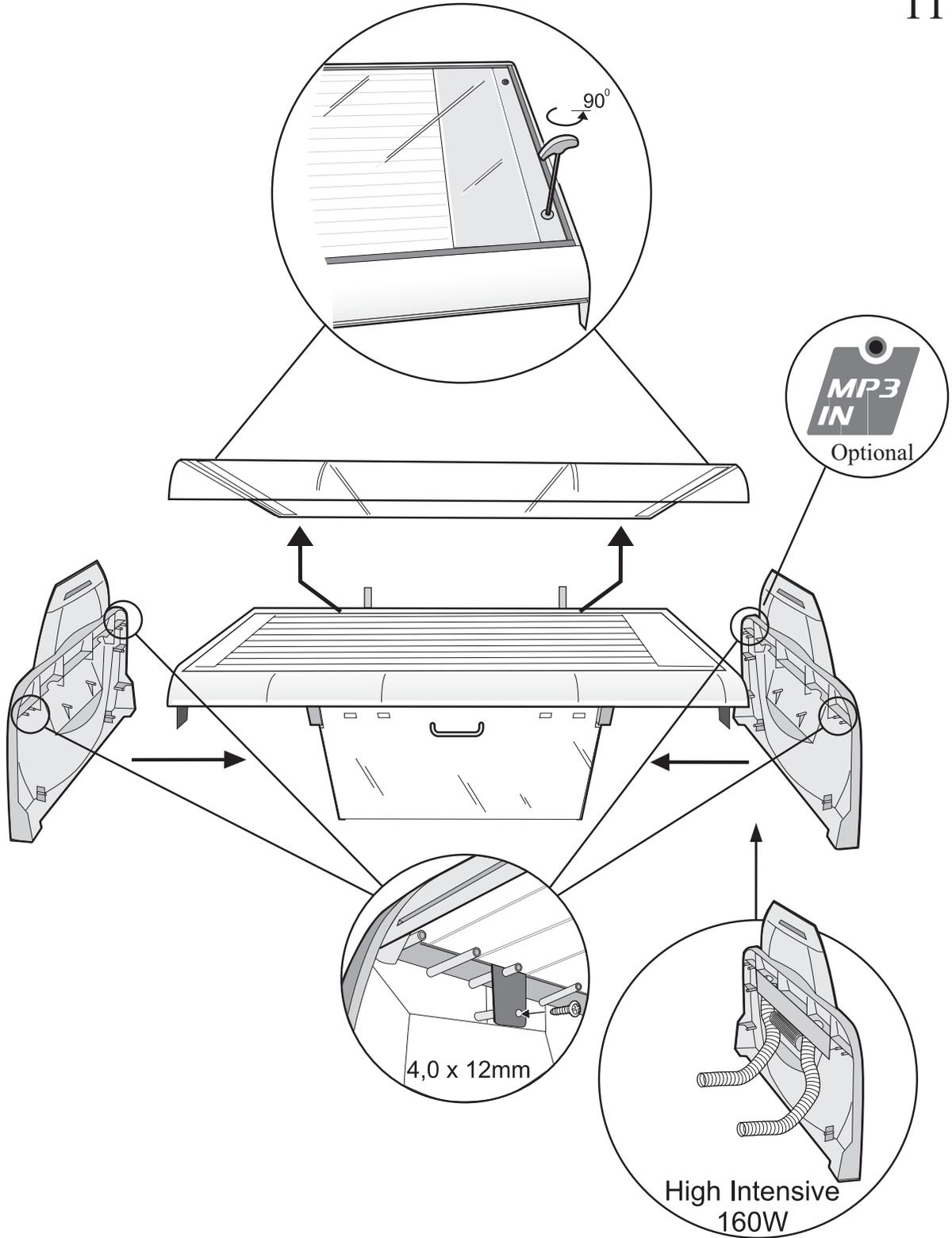


X7 42 SLi	X= 70 mm
X7 38 SLi	X= 63,5 mm
X5 34 SLi	X= 55 mm
X5 34 SPr	X= 31 mm

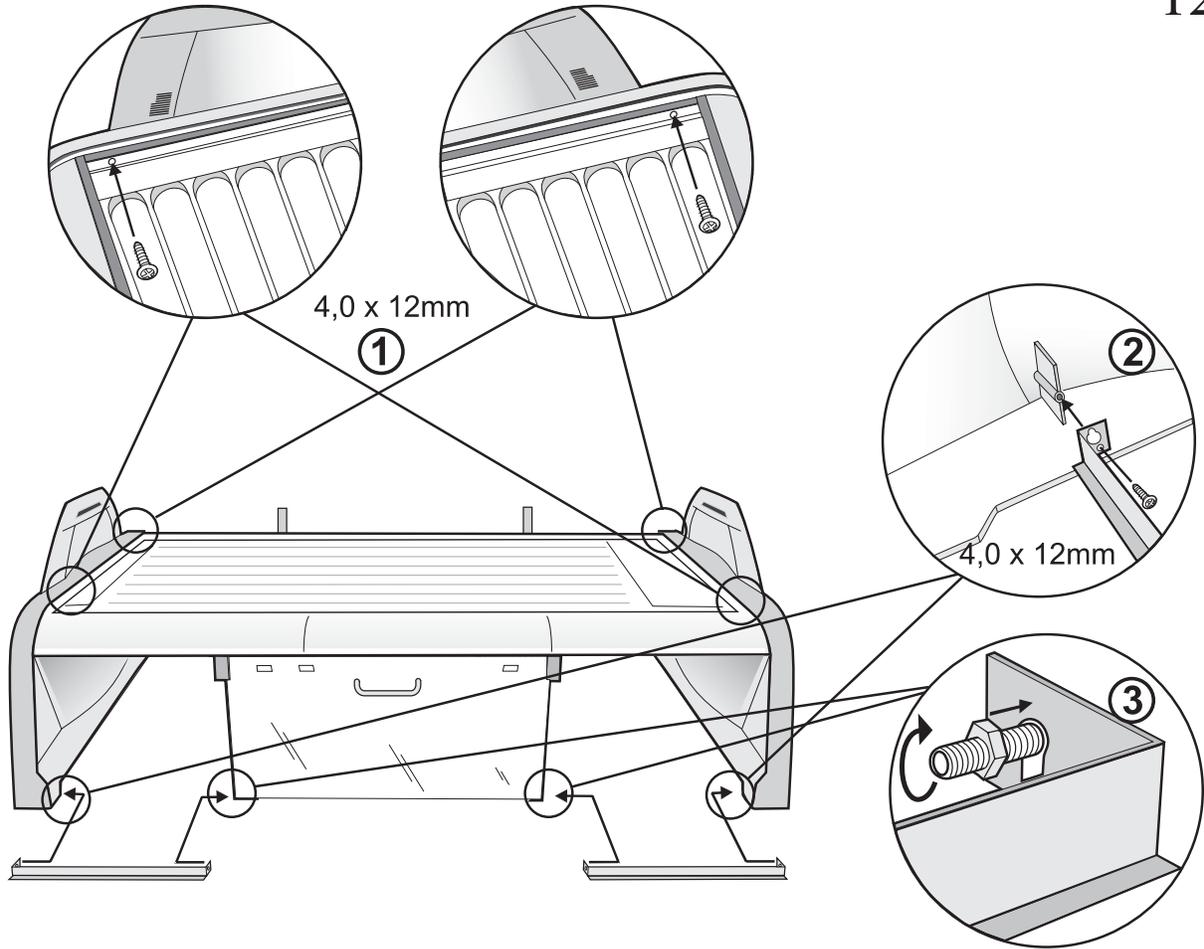
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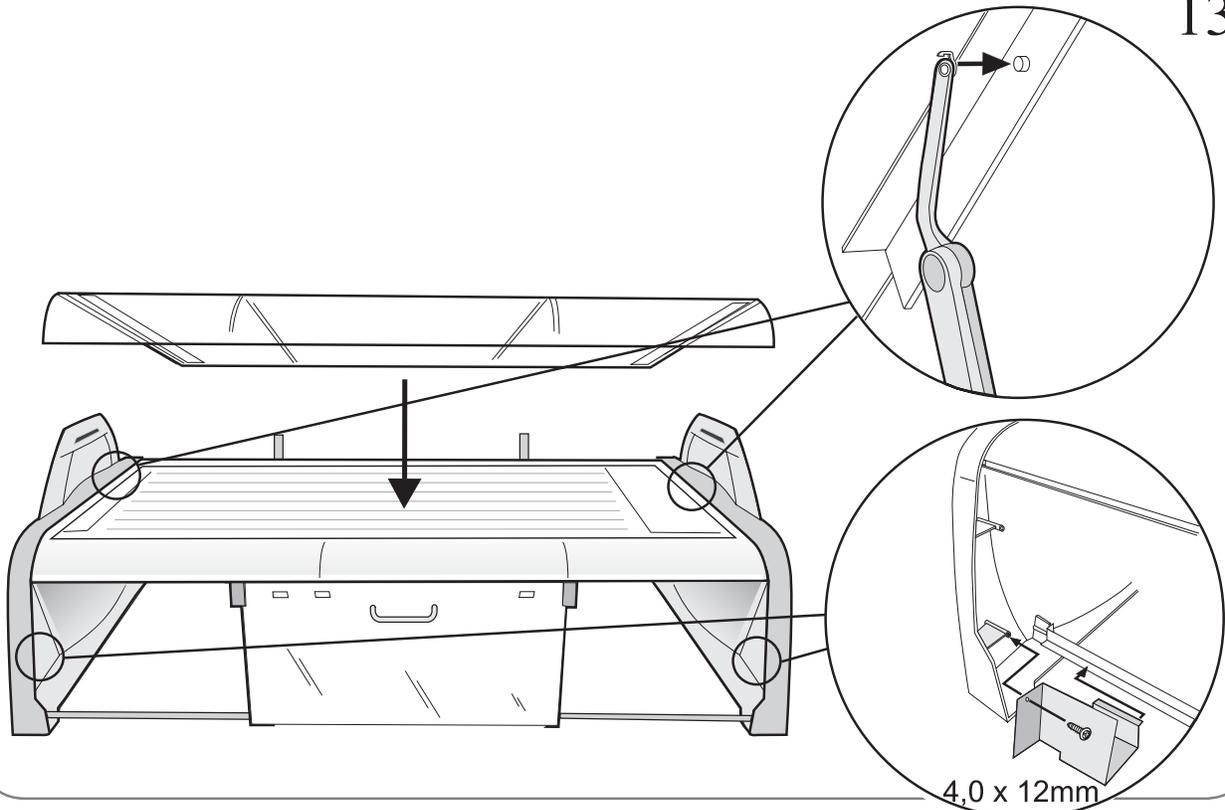
M6 x 12mm
1/4 inch



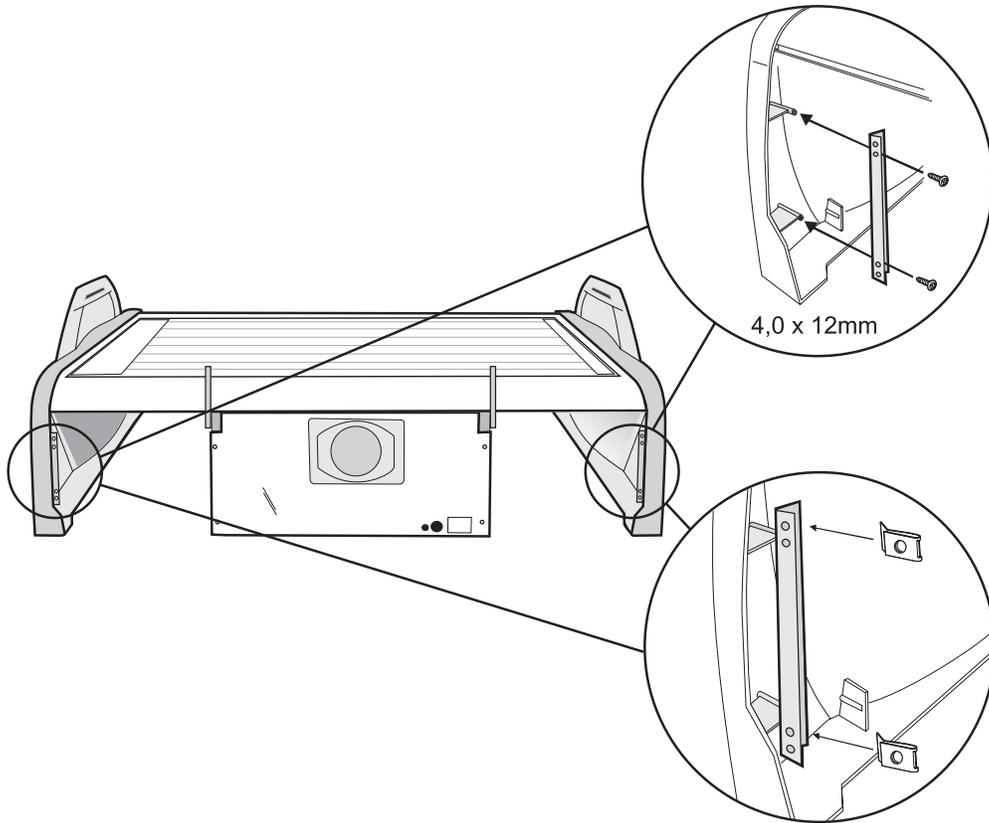
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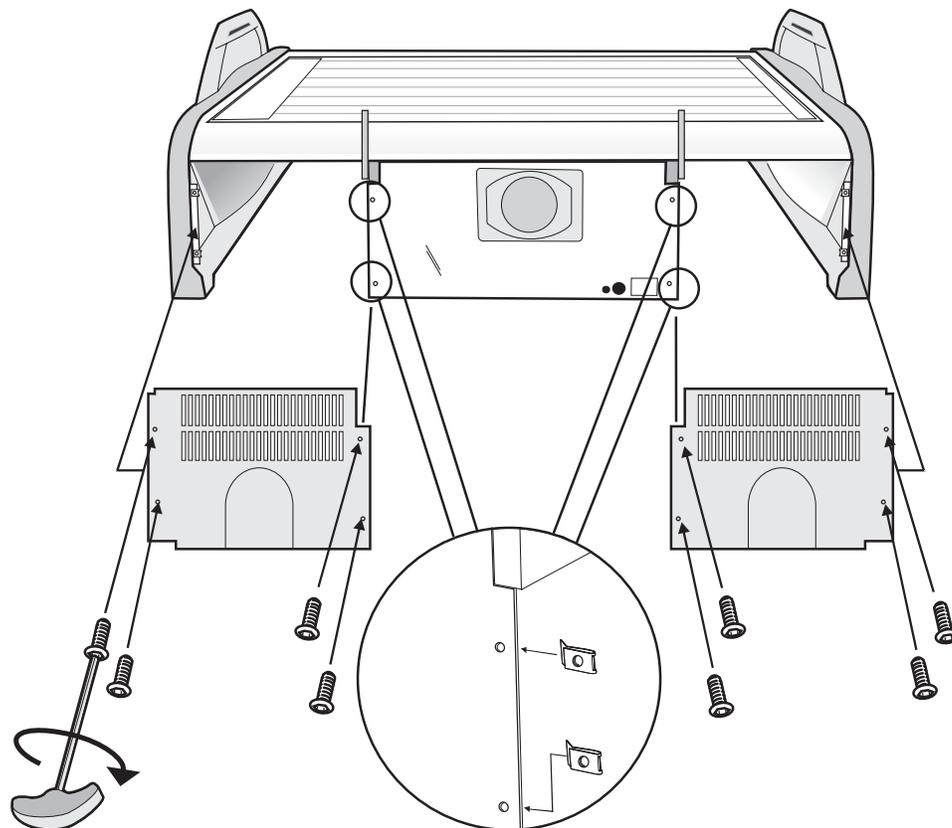
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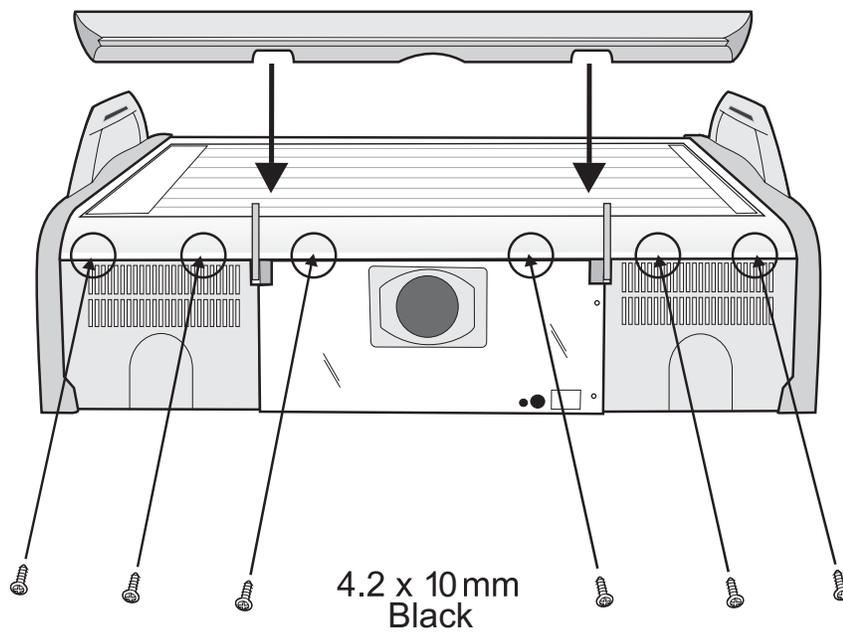
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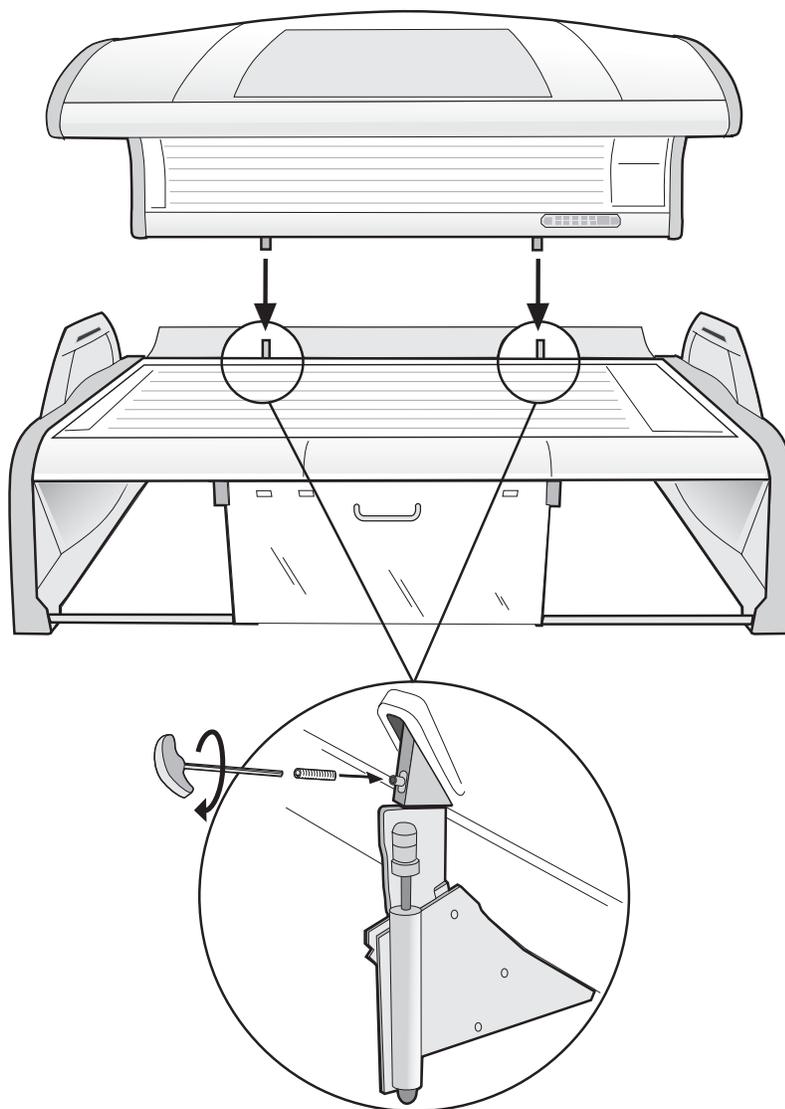
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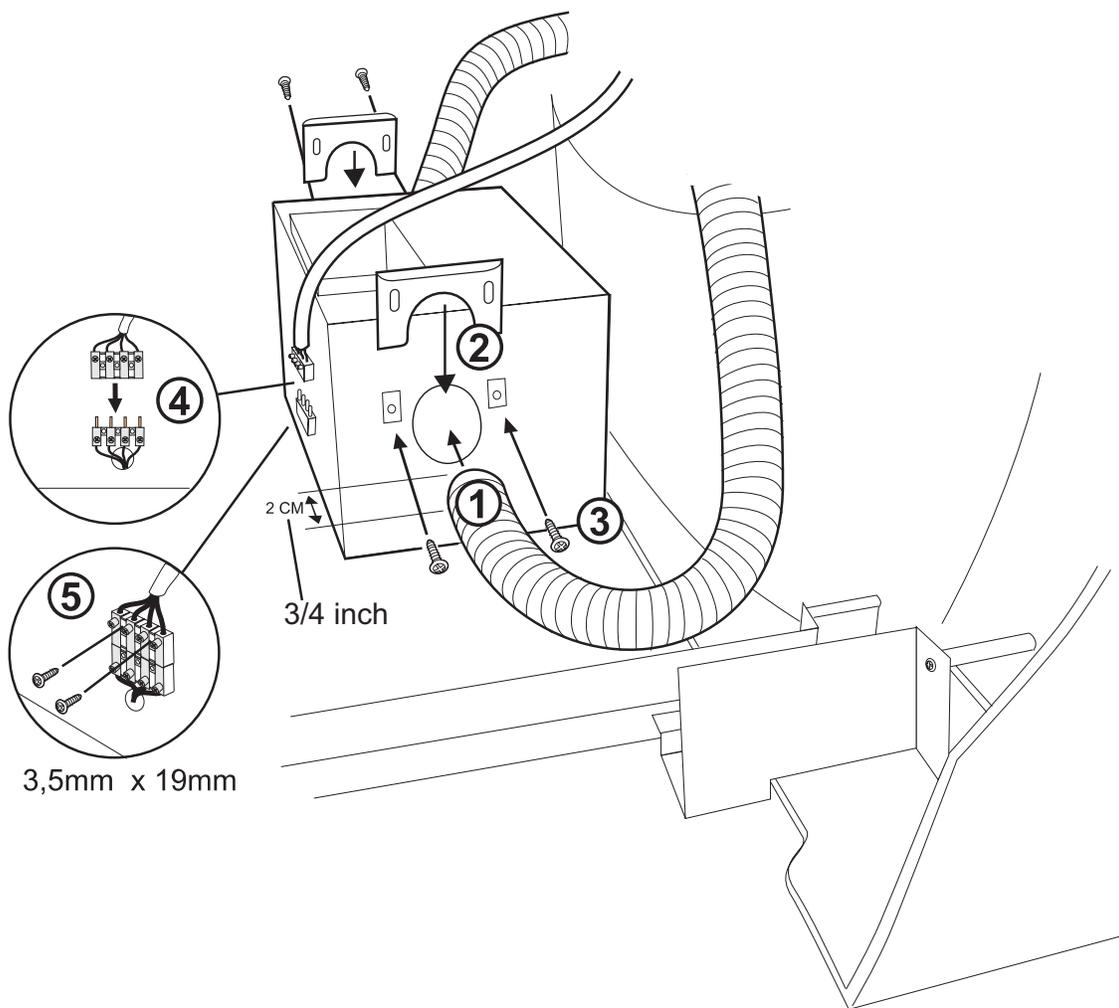
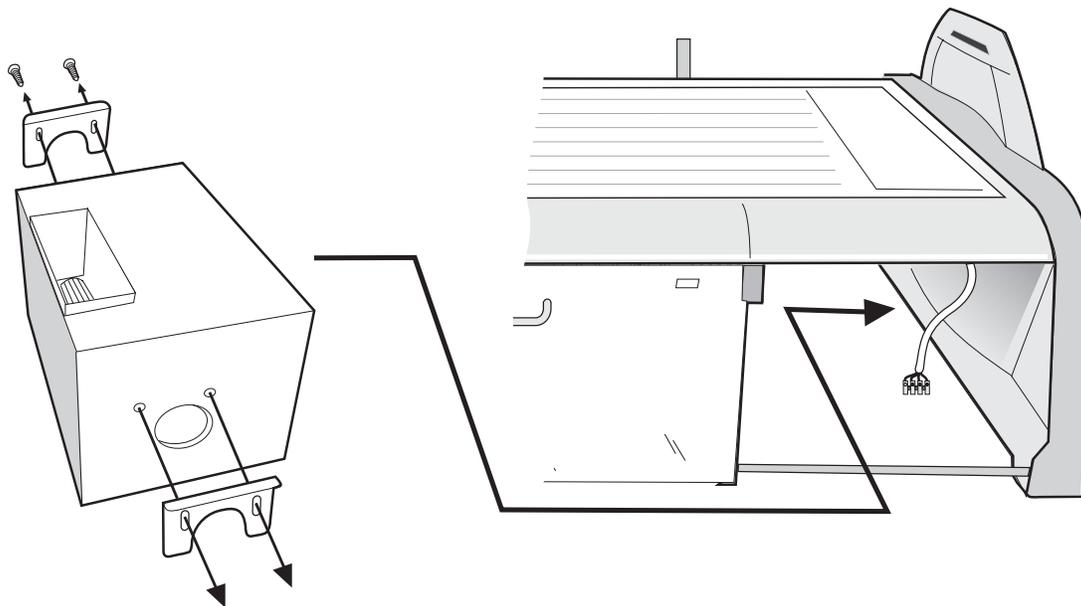


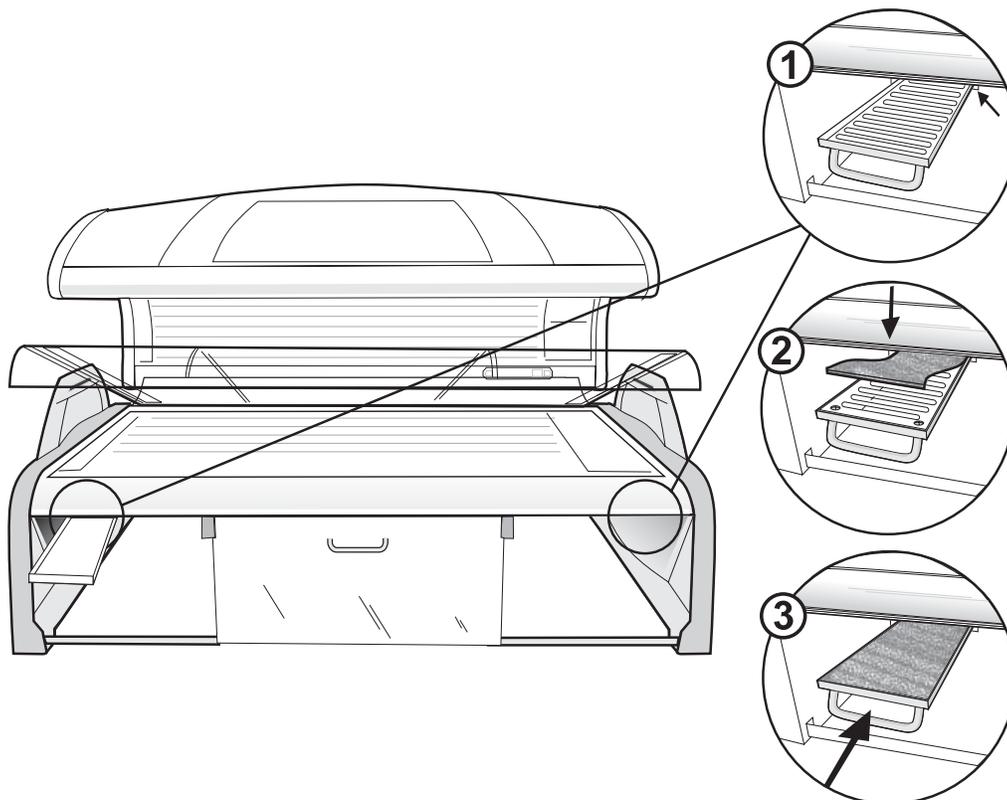
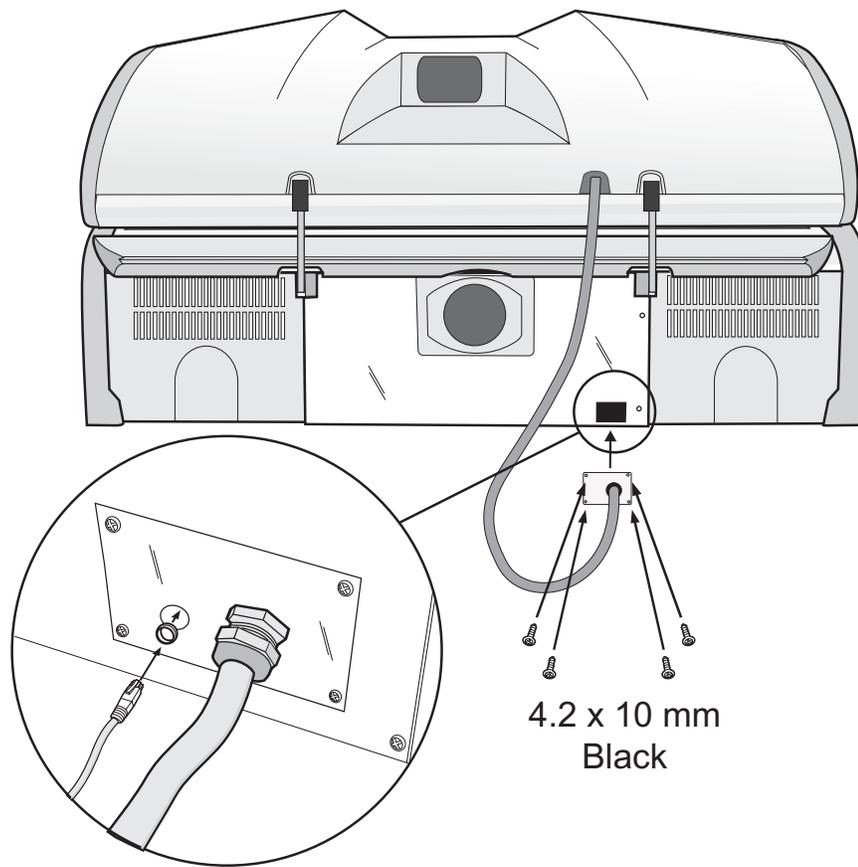
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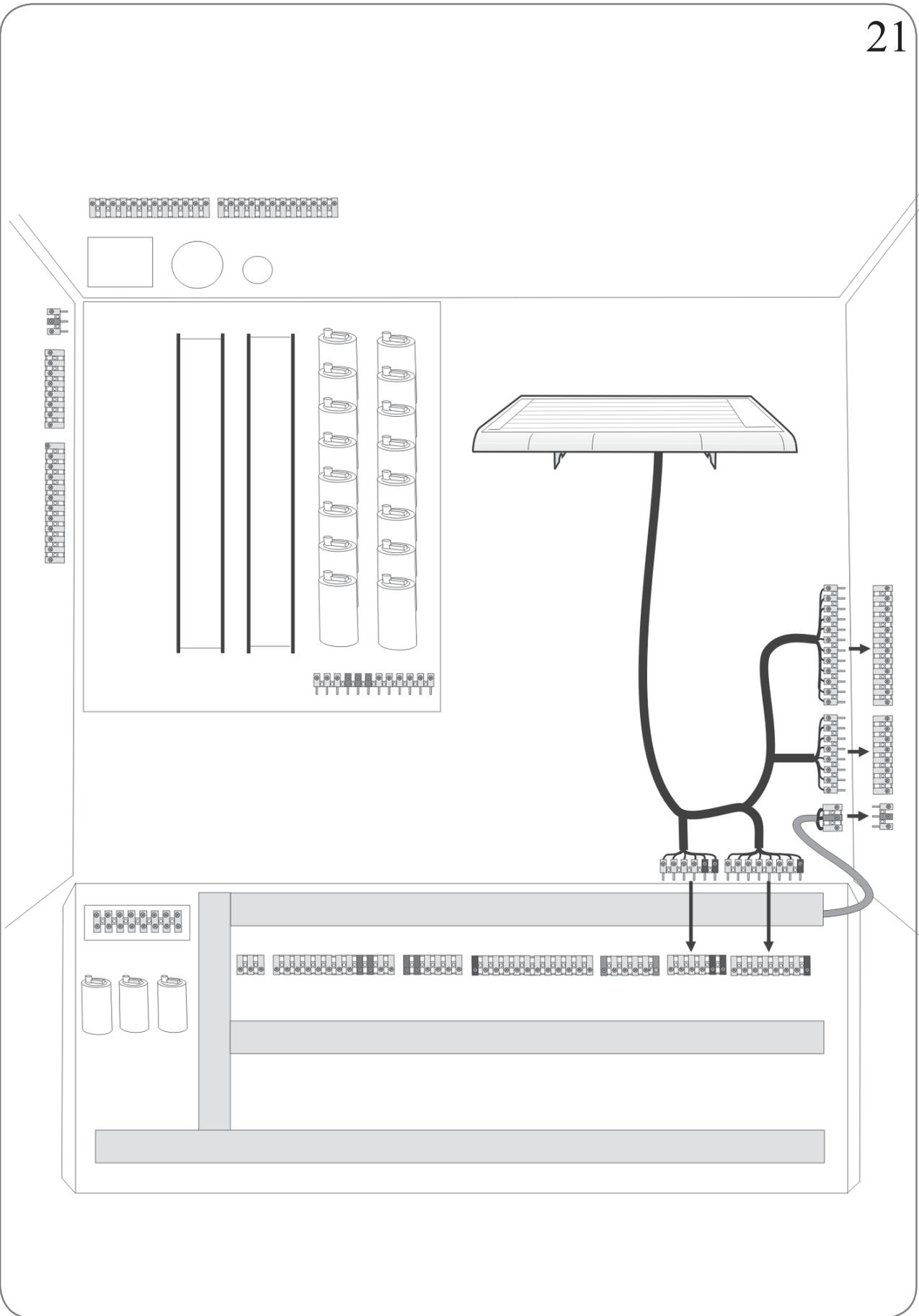


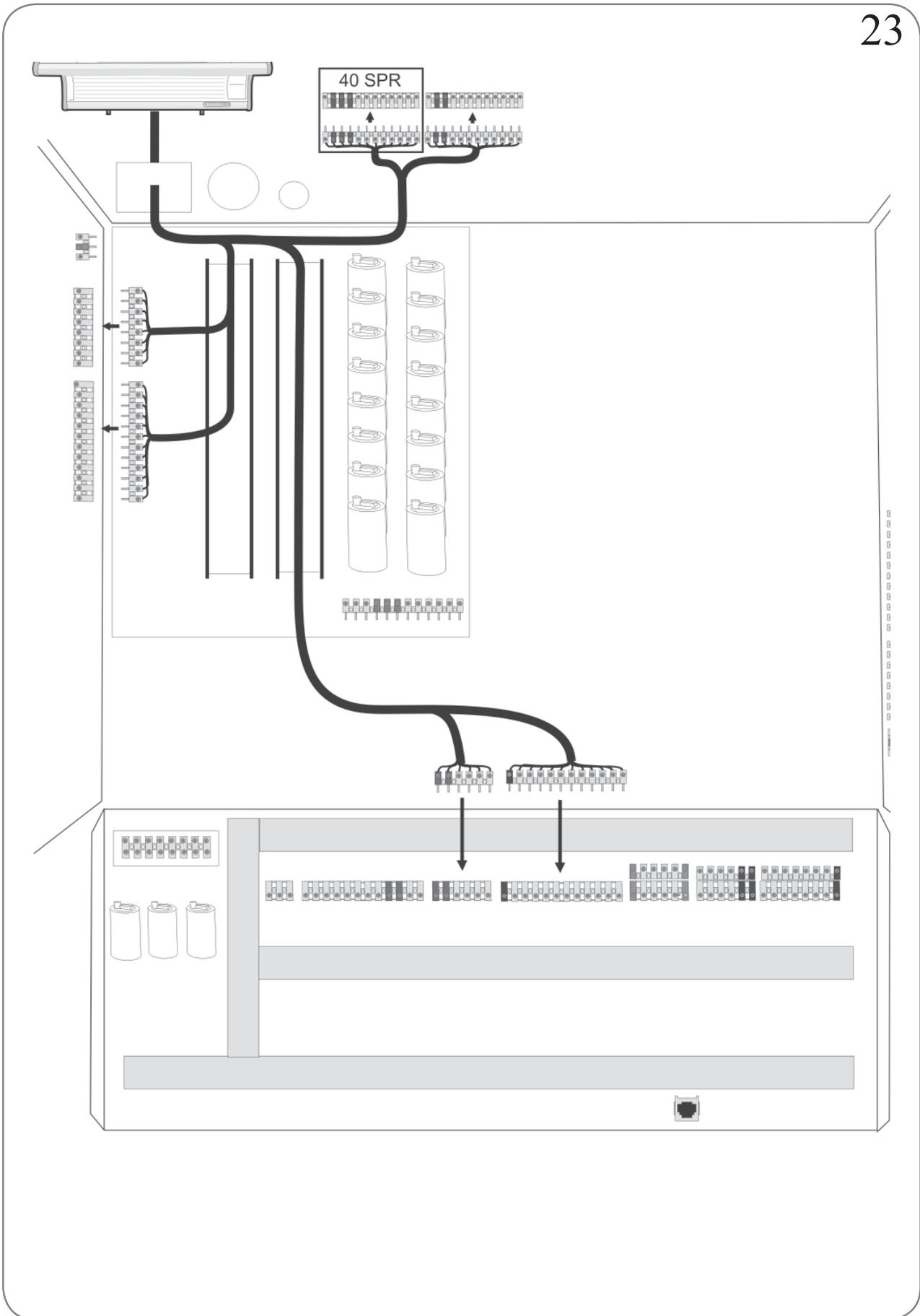
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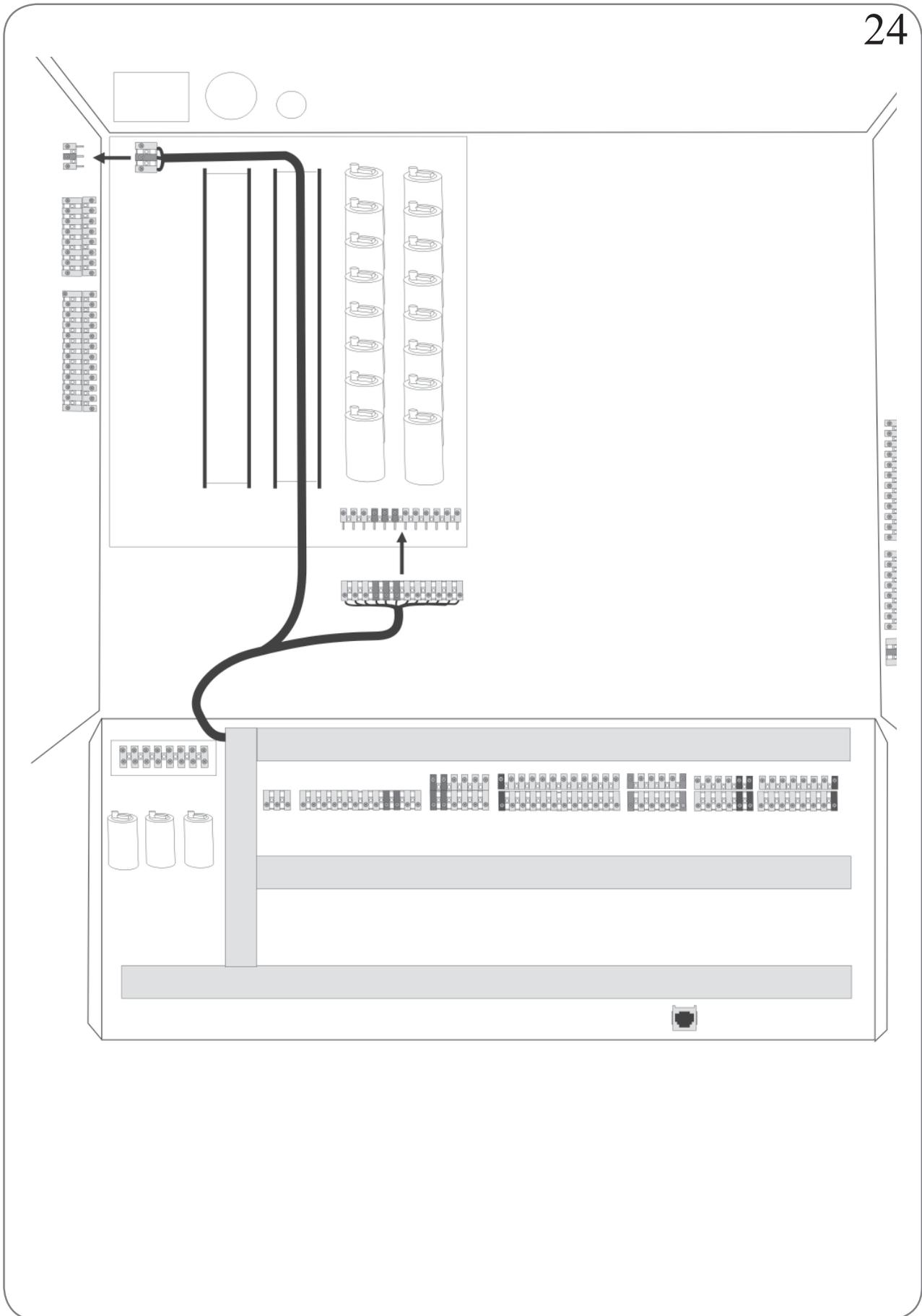


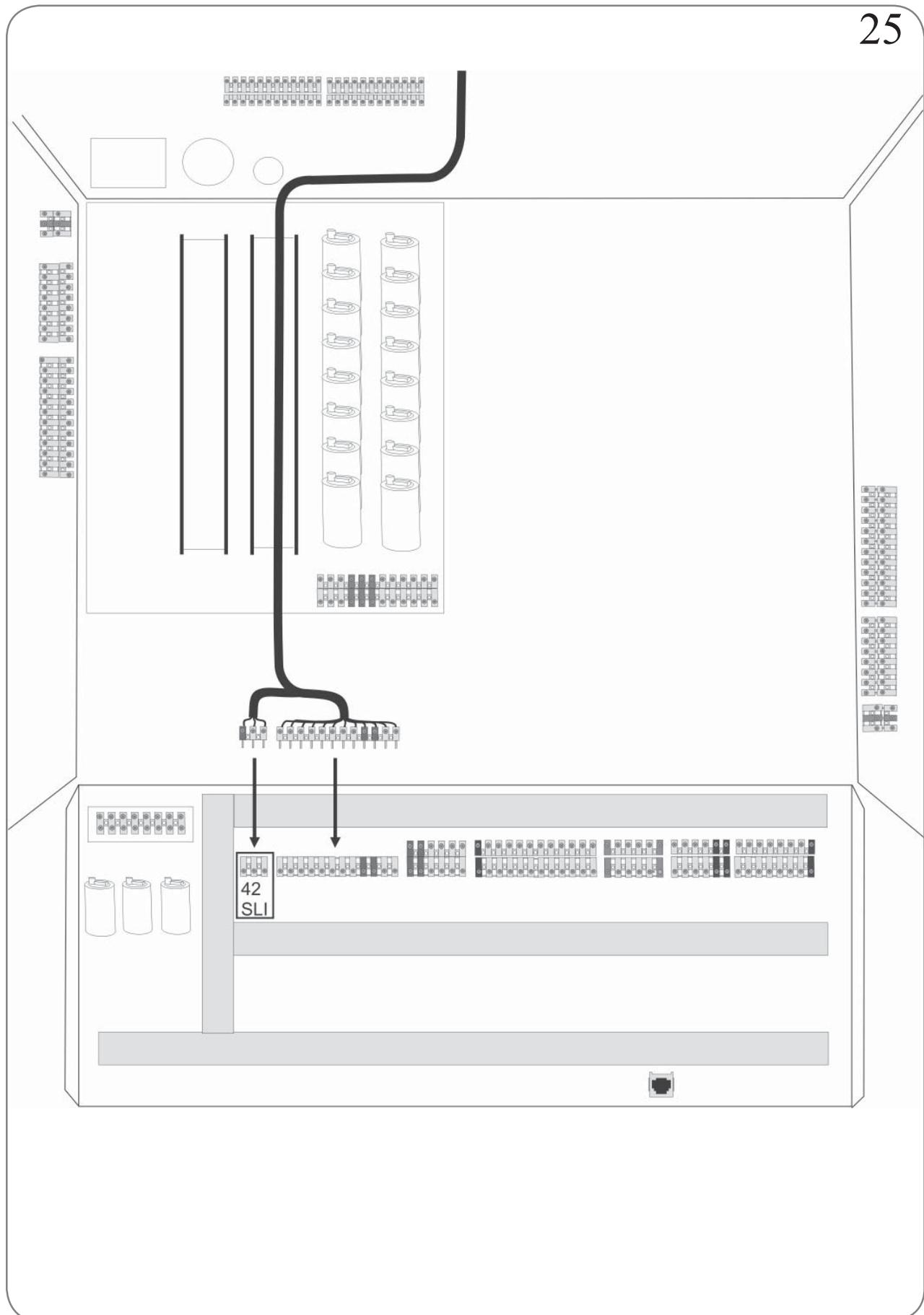


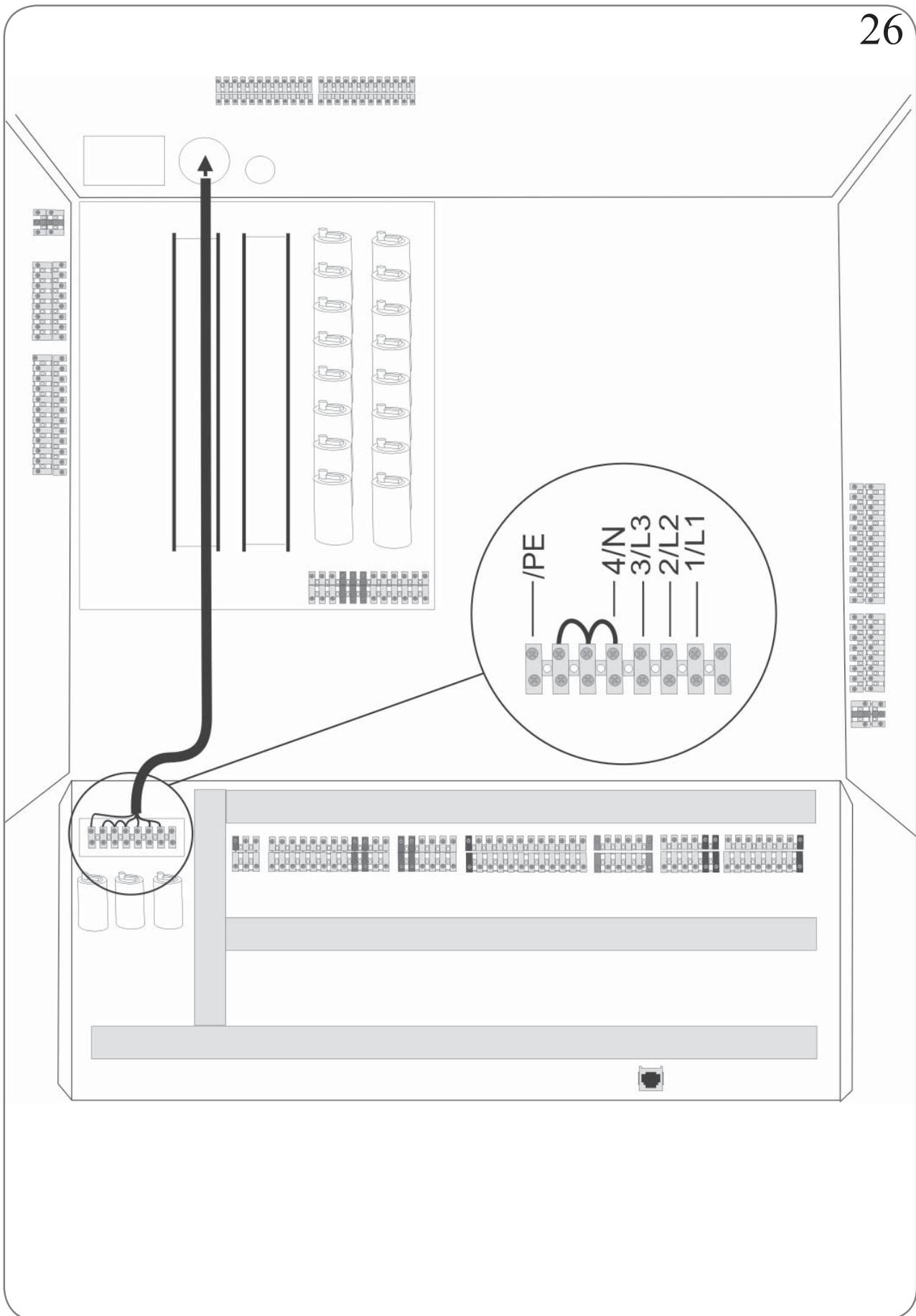


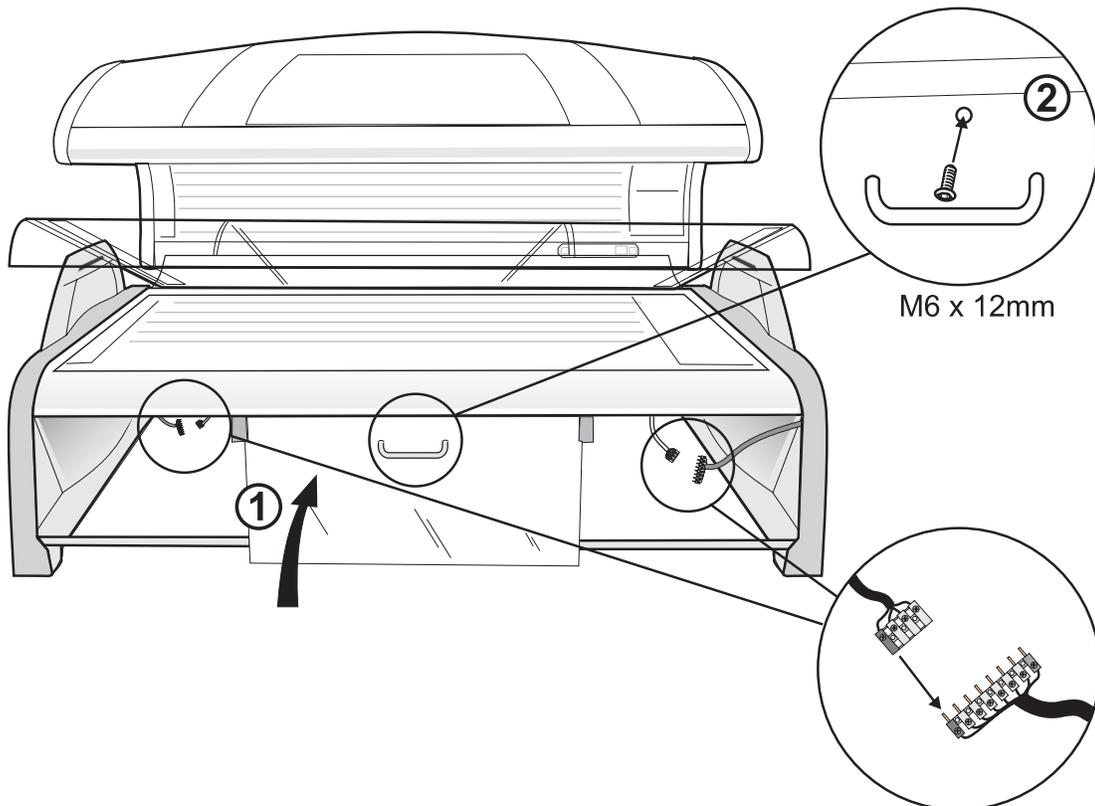
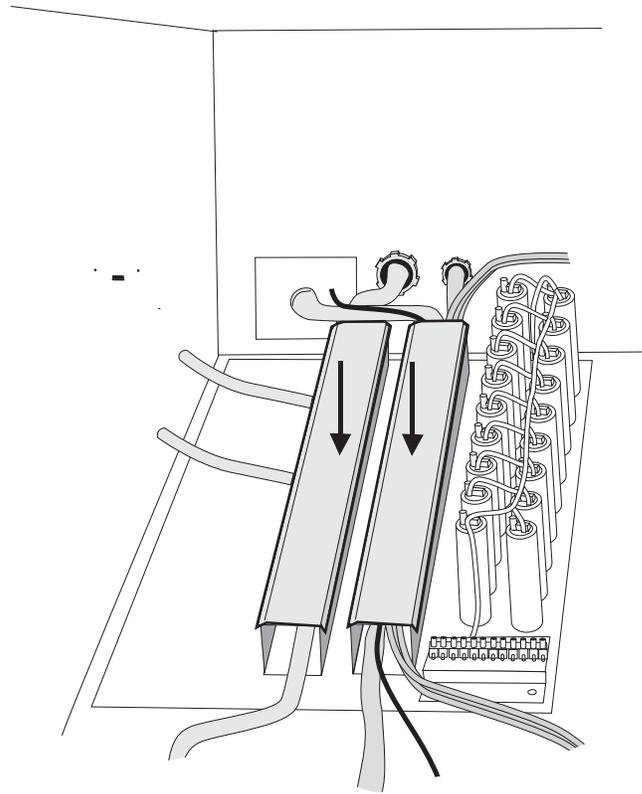


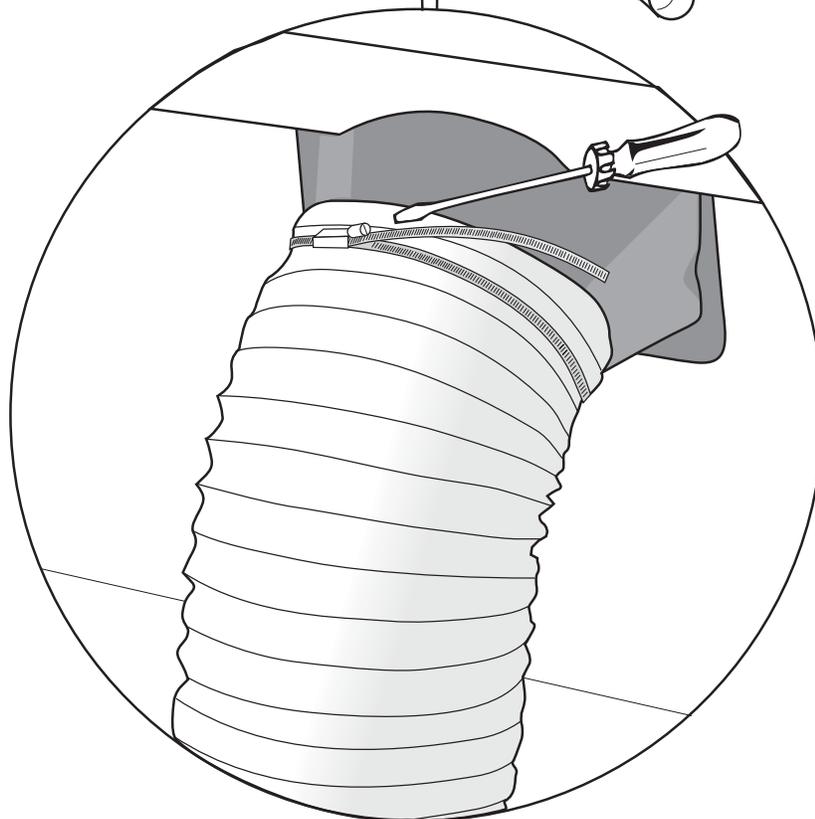
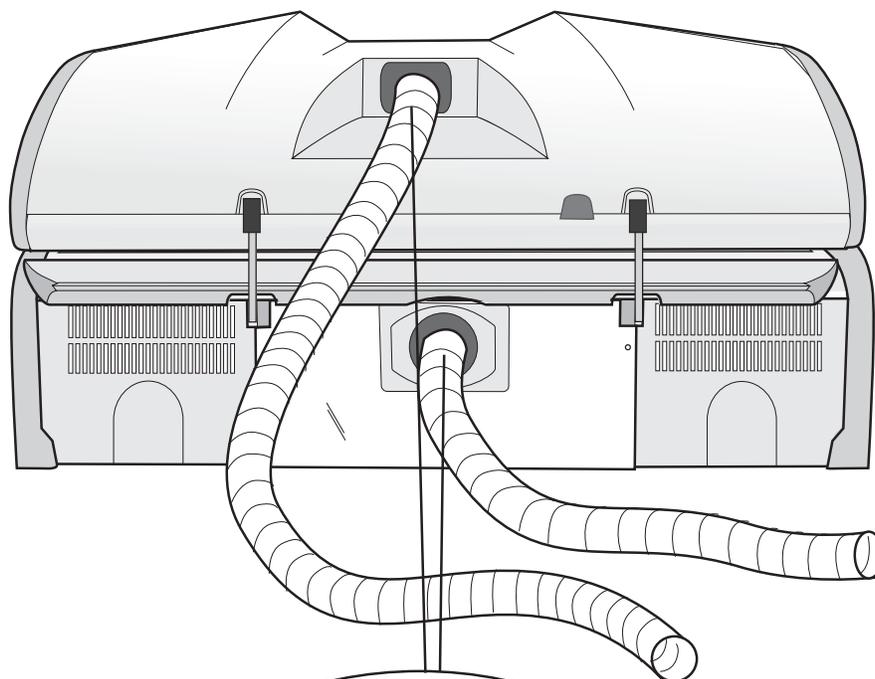




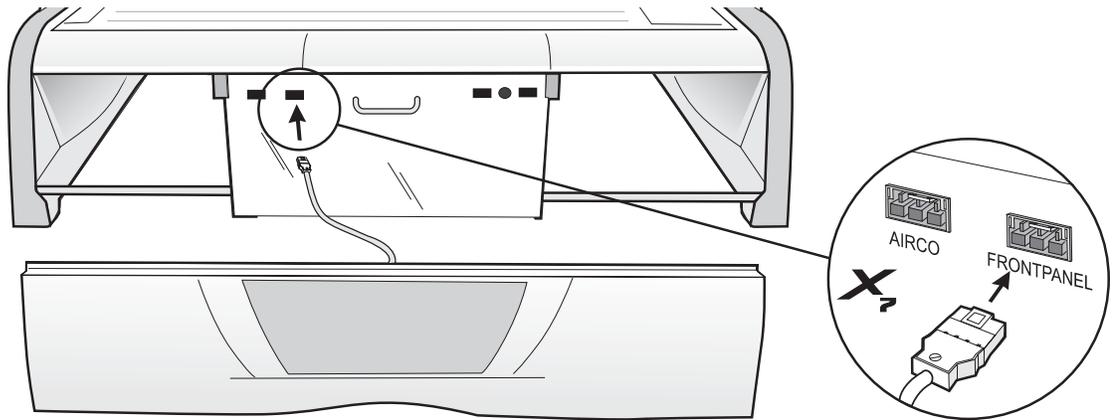




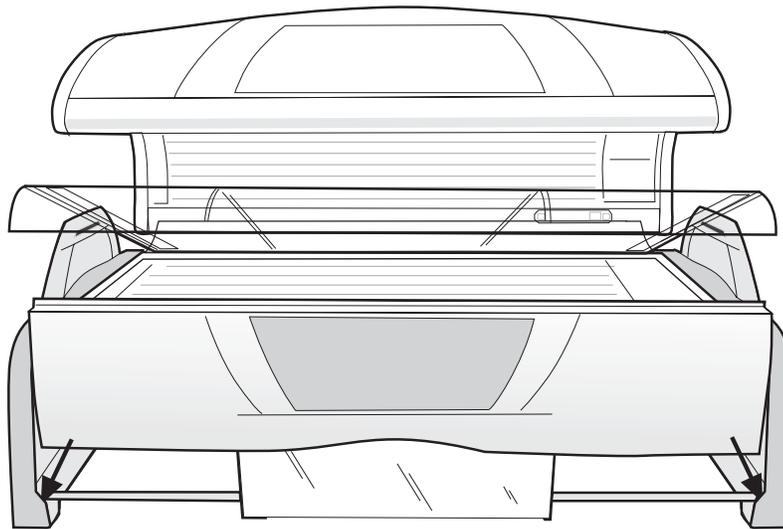




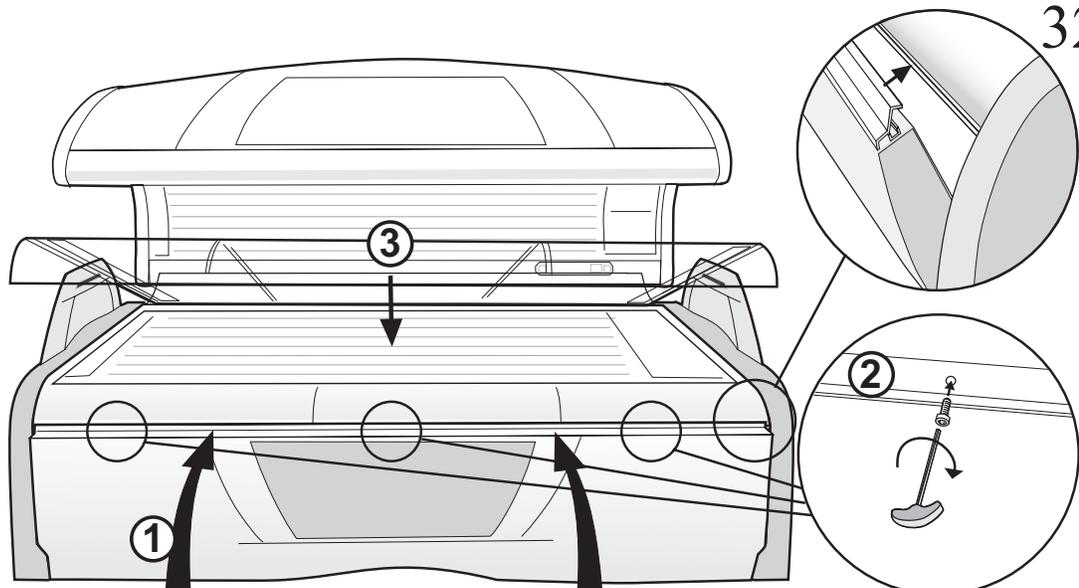
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31



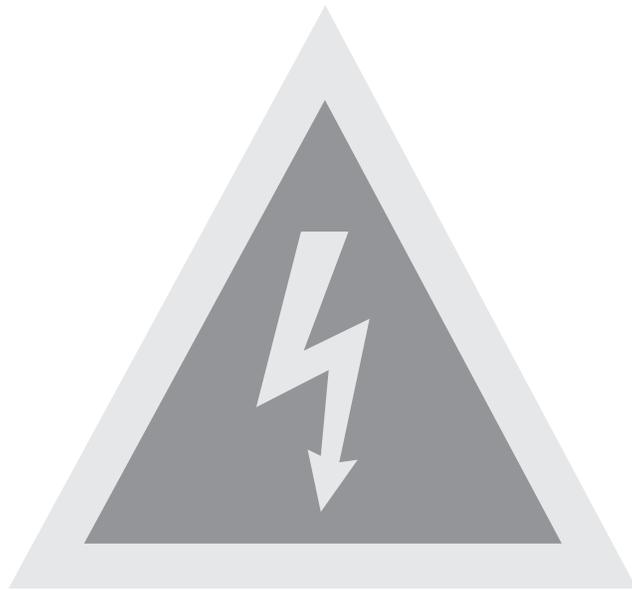
32



Electrical diagrams

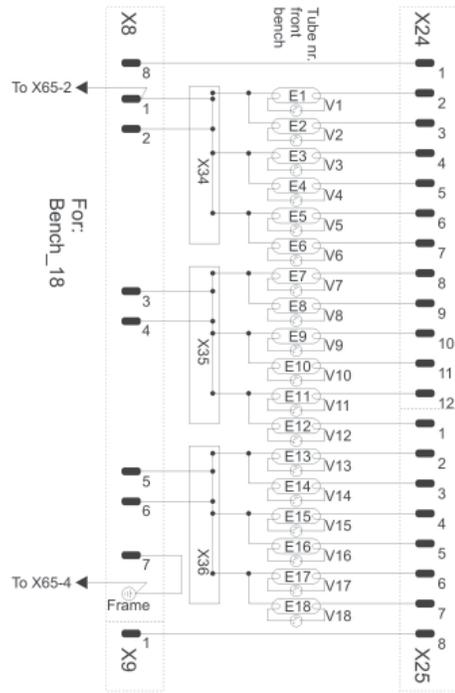
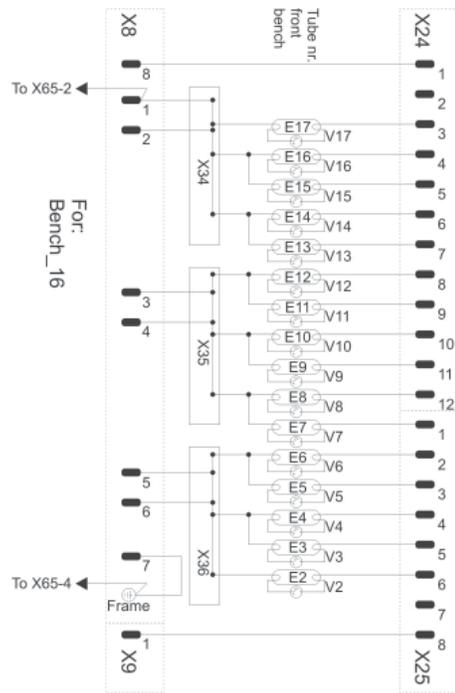
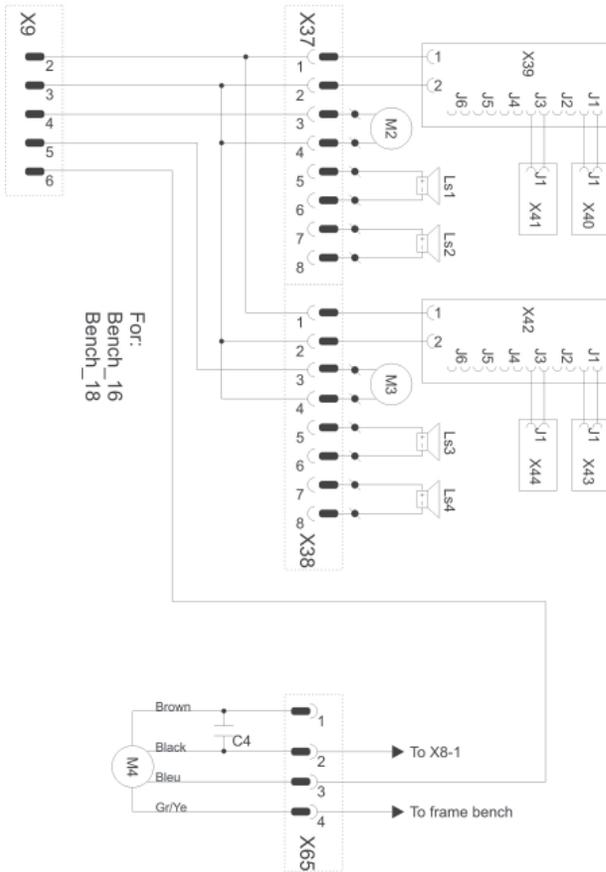
Schéma électrique

Diagrama eléctricas



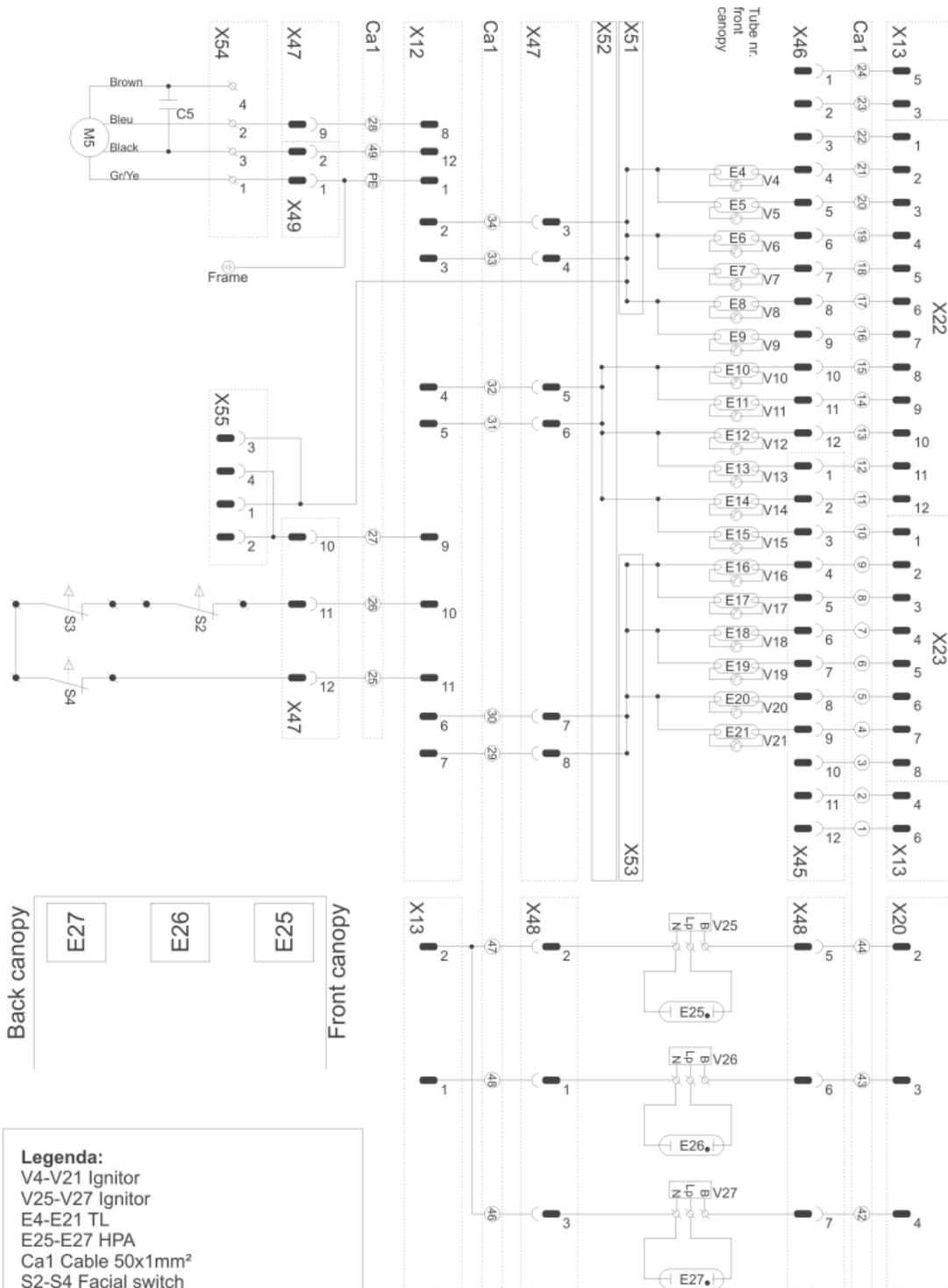
X₅

X_?



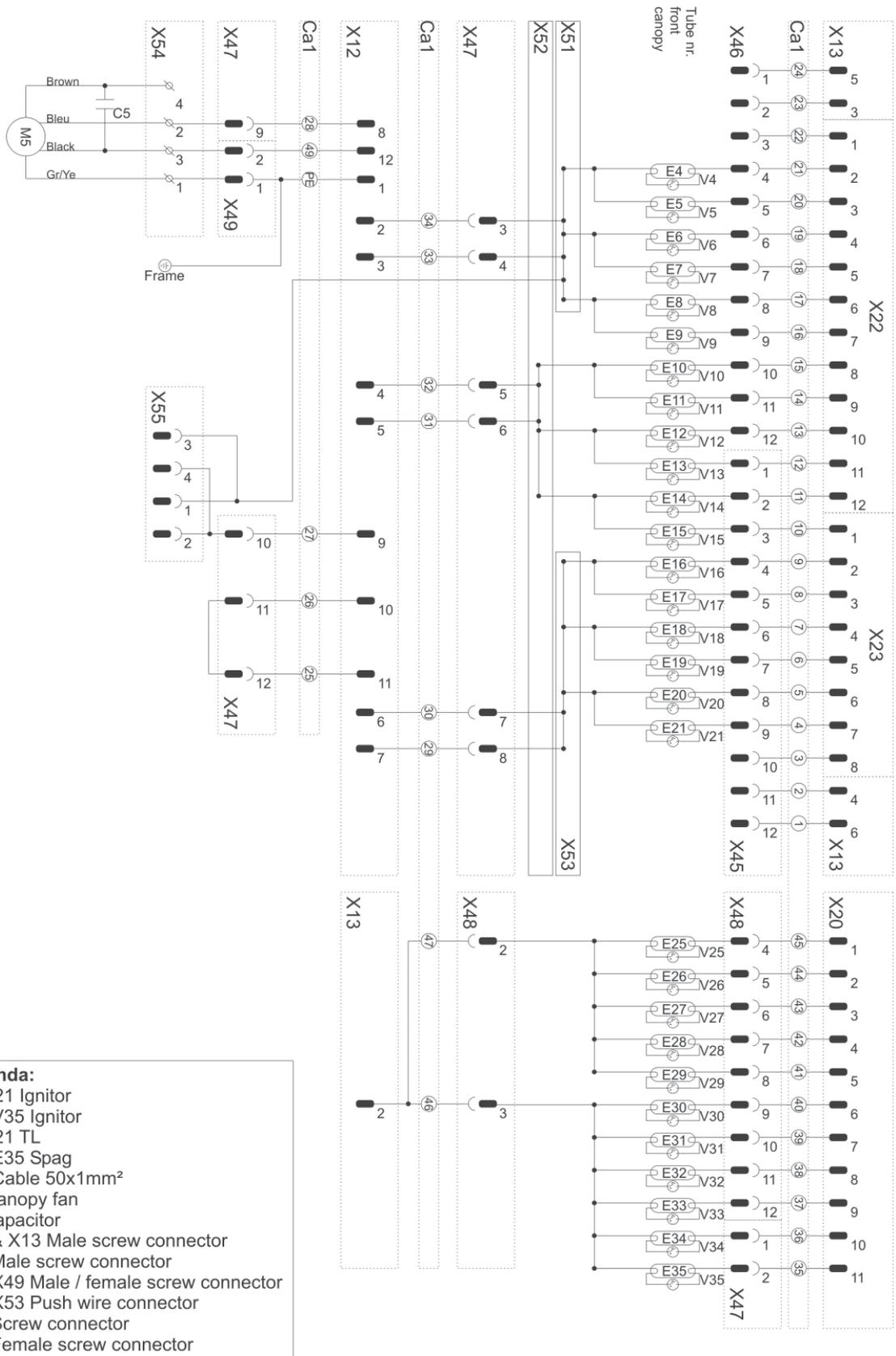
- Legenda:**
- V1-V18 Ignitor
 - E1-E18 TL
 - X8 & X9 Male screw connector
 - X24 & X25 Male screw connector
 - X34-X36 Push wire connector
 - X37 & X38 Male / female screw connector
 - X39 & X42 LED supply print
 - X40 & X41 LED print
 - X43 & X44 LED print
 - X65 Male / female screw connector
 - M2 Head fan
 - M3 Body fan
 - M4 Bench fan
 - C4 Capacitor
 - Ls1-Ls4 Loudspeaker

Bench_CE 14800_vdl

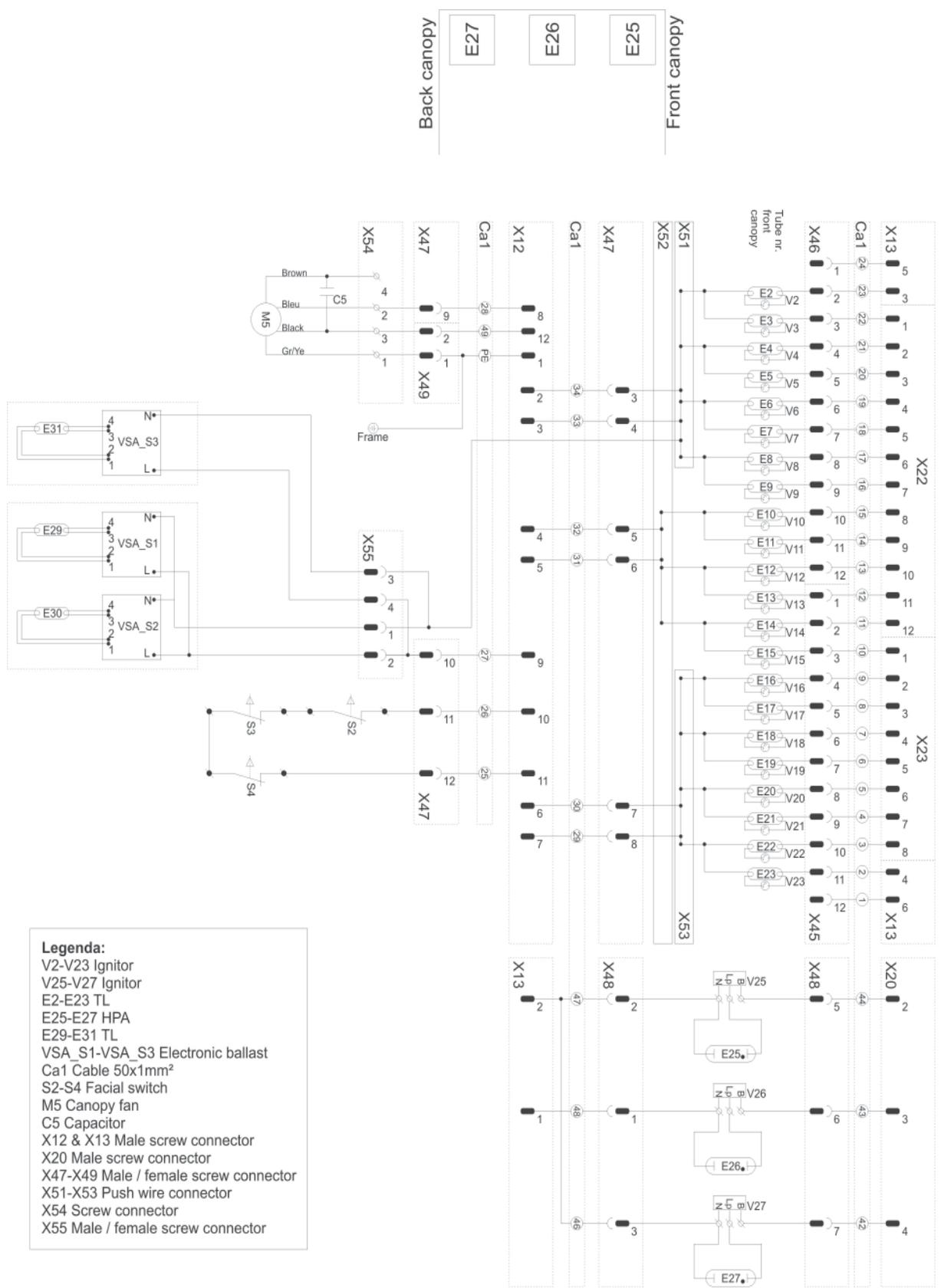


- Legenda:**
- V4-V21 Ignitor
 - V25-V27 Ignitor
 - E4-E21 TL
 - E25-E27 HPA
 - Ca1 Cable 50x1mm²
 - S2-S4 Facial switch
 - M5 Canopy fan
 - C5 Capacitor
 - X12 & X13 Male screw connector
 - X20 Male screw connector
 - X47-X49 Male / female screw connector
 - X51-X53 Push wire connector
 - X54 Screw connector
 - X55 Female screw connector

Canopy 18 3 CE 14794



- Legenda:**
- V4-V21 Ignitor
 - V25-V35 Ignitor
 - E4-E21 TL
 - E25-E35 Spag
 - Ca1 Cable 50x1mm²
 - M5 Canopy fan
 - C5 Capacitor
 - X12 & X13 Male screw connector
 - X20 Male screw connector
 - X47-X49 Male / female screw connector
 - X51-X53 Push wire connector
 - X54 Screw connector
 - X55 Female screw connector



Back canopy

E27

E26

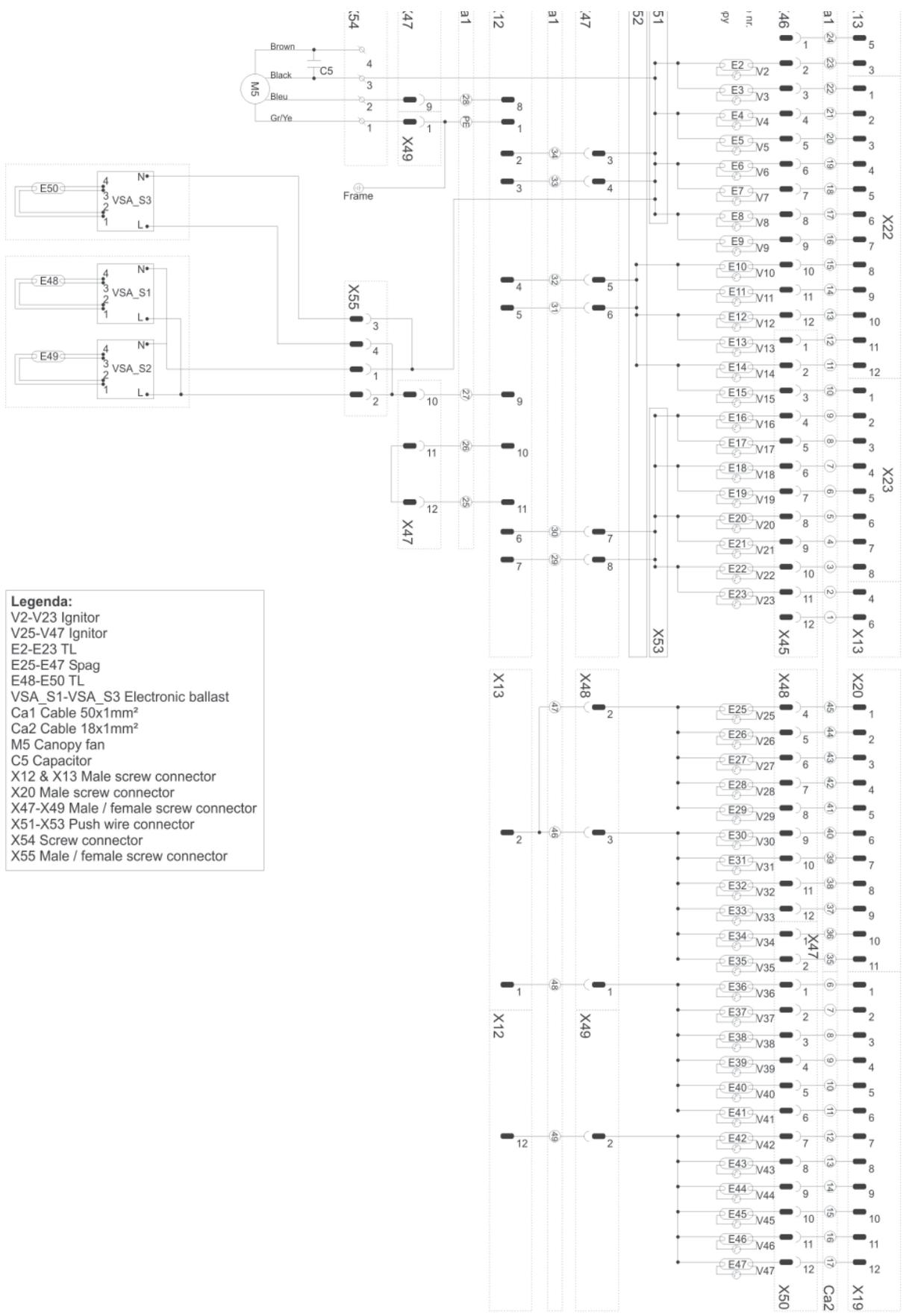
E25

Front canopy

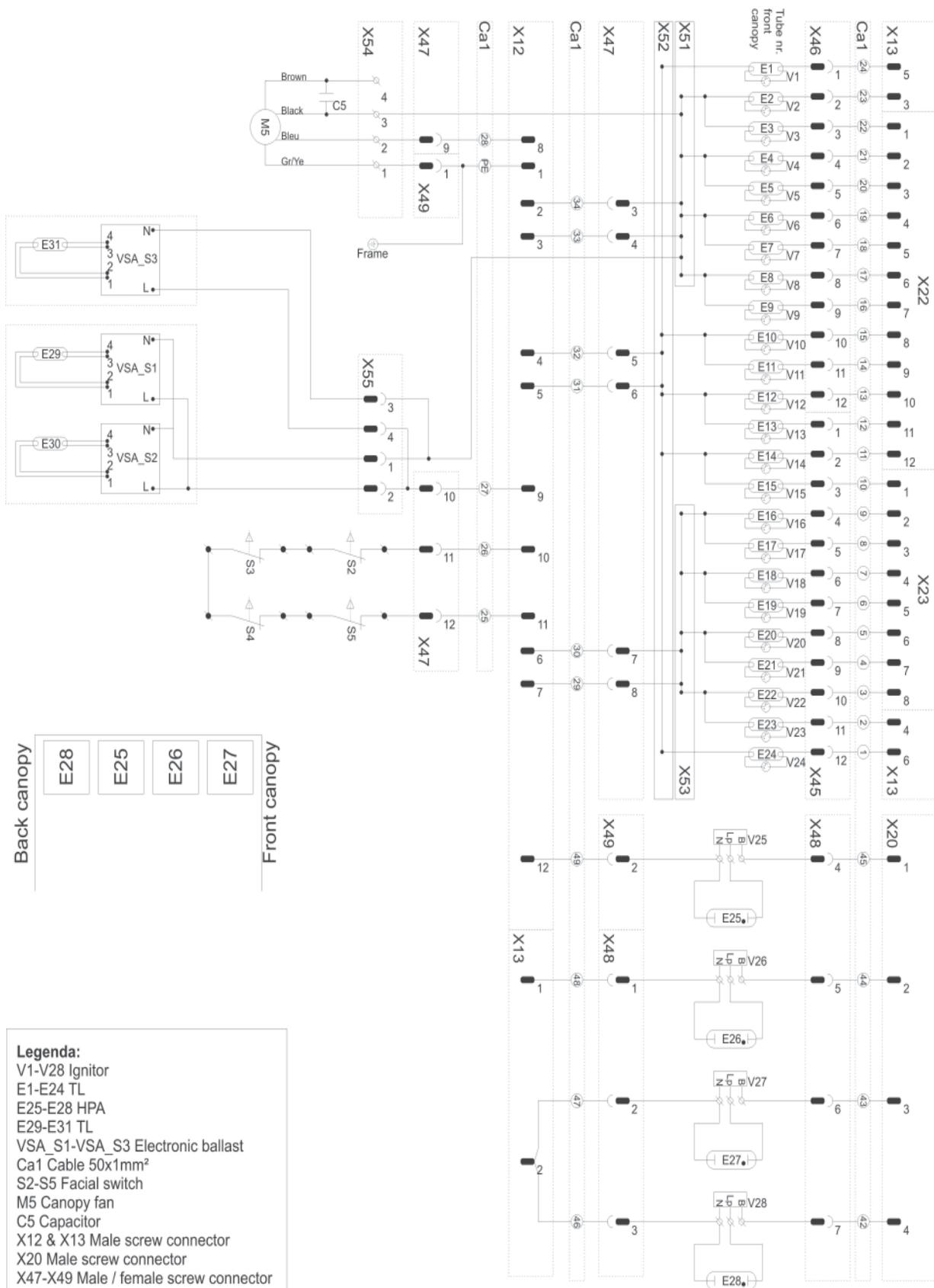
- Legenda:**
- V2-V23 Ignitor
 - V25-V27 Ignitor
 - E2-E23 TL
 - E25-E27 HPA
 - E29-E31 TL
 - VSA_S1-VSA_S3 Electronic ballast
 - Ca1 Cable 50x1mm²
 - S2-S4 Facial switch
 - M5 Canopy fan
 - C5 Capacitor
 - X12 & X13 Male screw connector
 - X20 Male screw connector
 - X47-X49 Male / female screw connector
 - X51-X53 Push wire connector
 - X54 Screw connector
 - X55 Male / female screw connector

Canopy 22 3 CE 14797

00 :



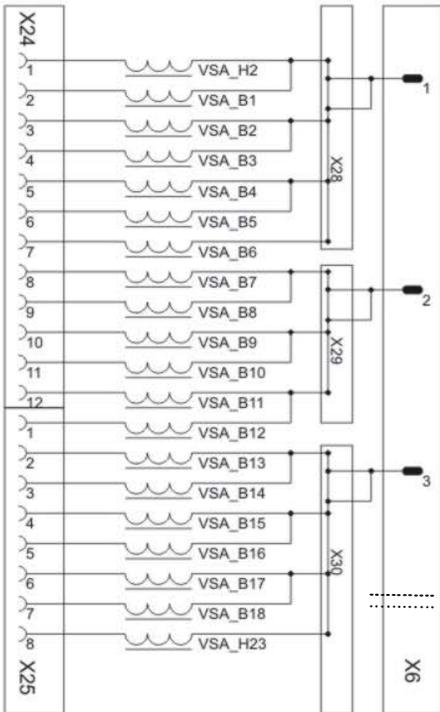
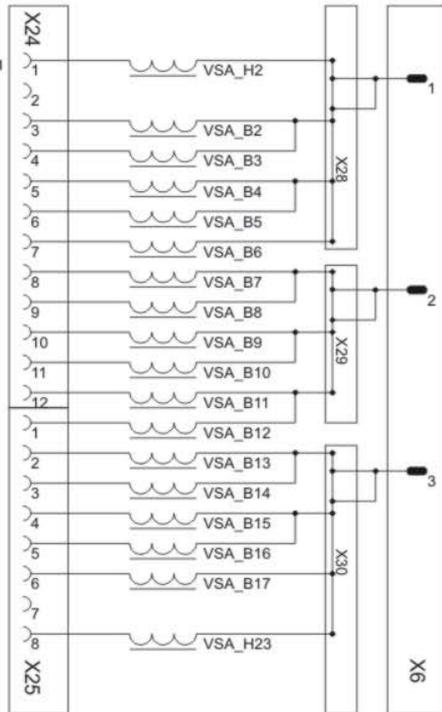
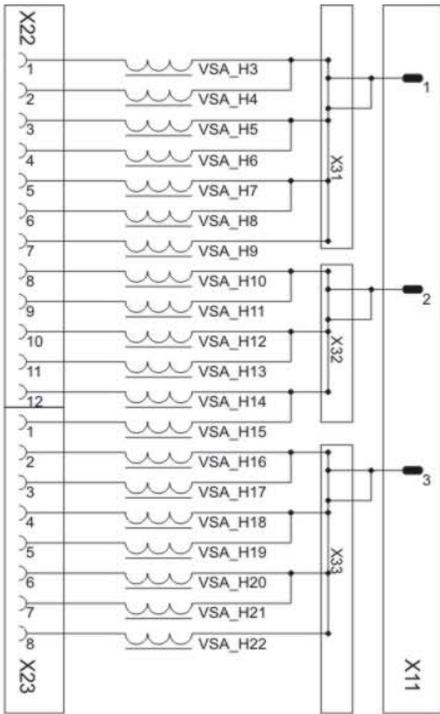
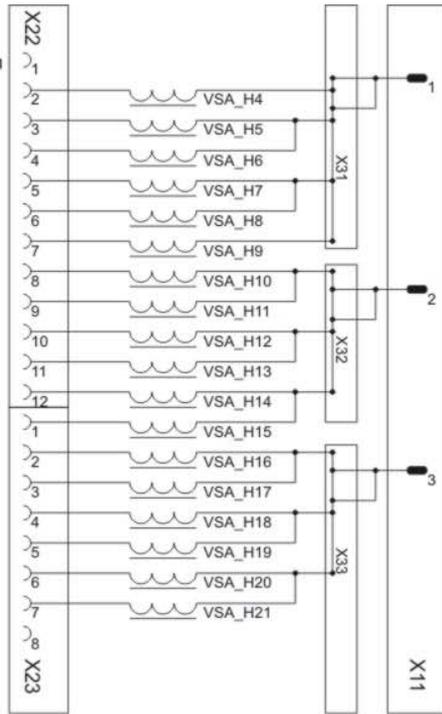
- Legenda:**
- V2-V23 Ignitor
 - V25-V47 Ignitor
 - E2-E23 TL
 - E25-E47 Spag
 - E48-E50 TL
 - VSA_S1-VSA_S3 Electronic ballast
 - Ca1 Cable 50x1mm²
 - Ca2 Cable 18x1mm²
 - M5 Canopy fan
 - C5 Capacitor
 - X12 & X13 Male screw connector
 - X20 Male screw connector
 - X47-X49 Male / female screw connector
 - X51-X53 Push wire connector
 - X54 Screw connector
 - X55 Male / female screw connector



Legenda:

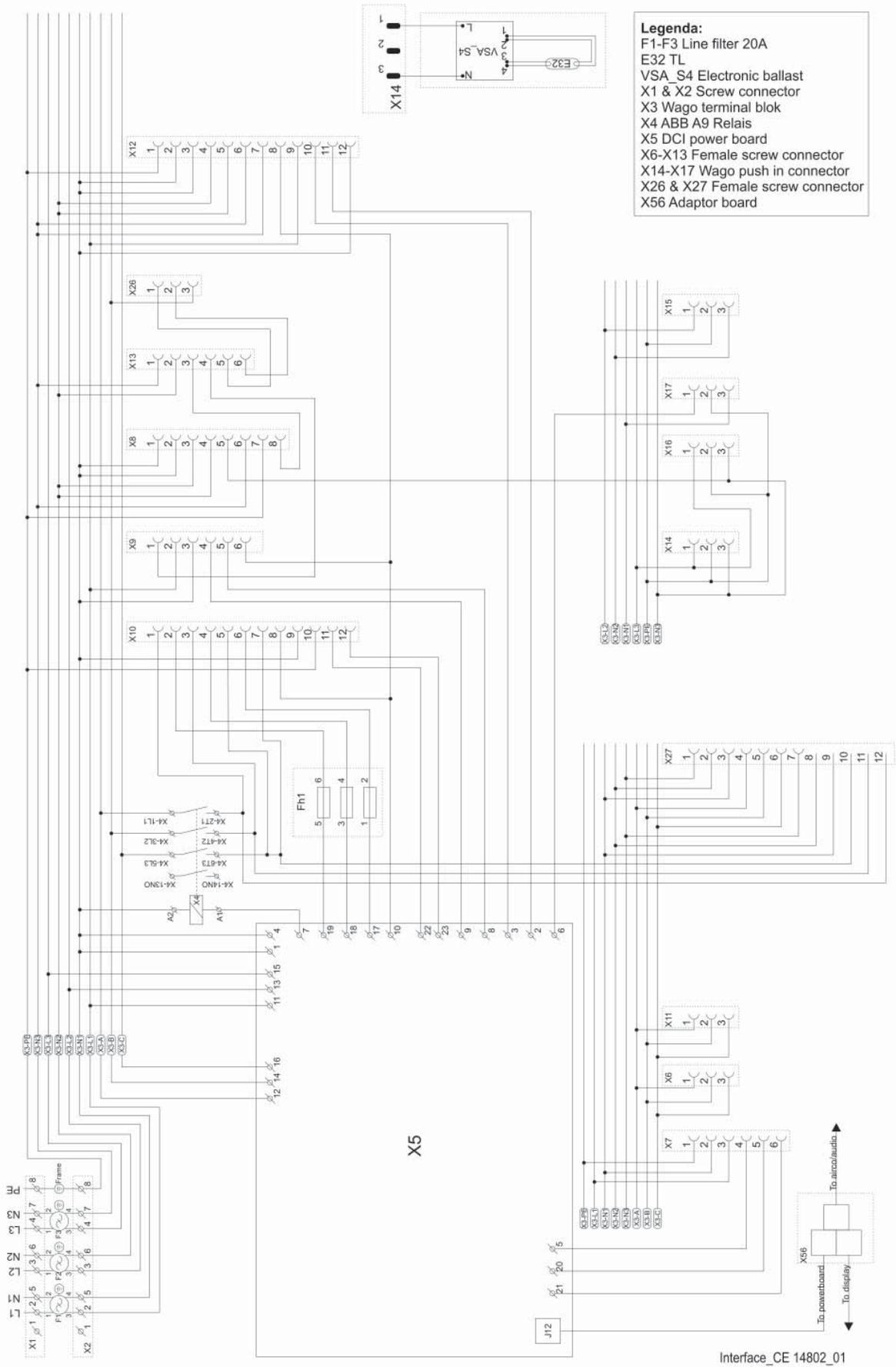
- V1-V28 Ignitor
- E1-E24 TL
- E25-E28 HPA
- E29-E31 TL
- VSA_S1-VSA_S3 Electronic ballast
- Ca1 Cable 50x1mm²
- S2-S5 Facial switch
- M5 Canopy fan
- C5 Capacitor
- X12 & X13 Male screw connector
- X20 Male screw connector
- X47-X49 Male / female screw connector
- X51-X53 Push wire connector
- X54 Screw connector
- X55 Male / female screw connector

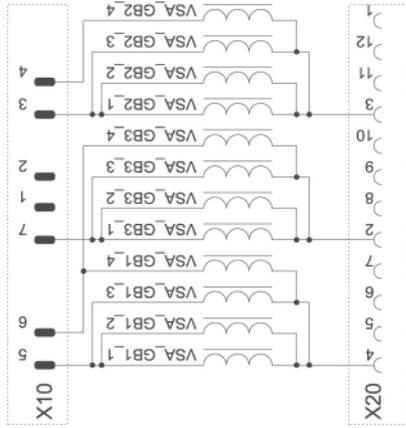
Canopy_24_4_C_14798_vdIE



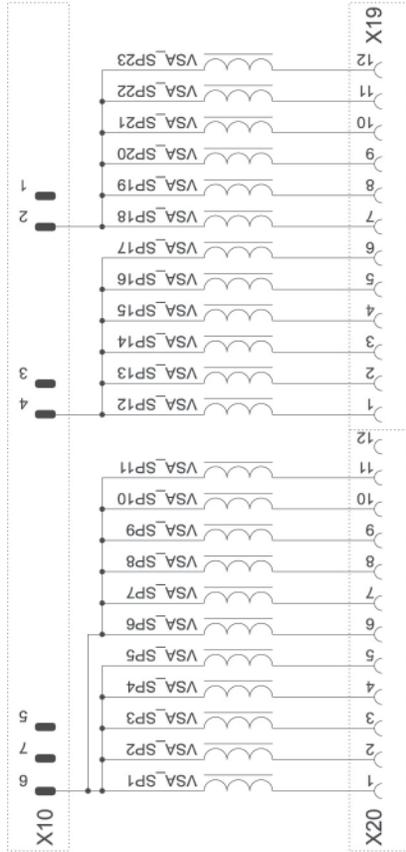
Note! VSA_H2 and VSA_H23 for 38 series

Legenda:
 VSA_B1-VSA_B18 ballast
 VSA_H2-VSA_H23 ballast
 X11 & X6 Male screw connector
 X22 & X23 Female screw connector
 X24 & X25 Female screw connector
 X28-X33 Push wire connector

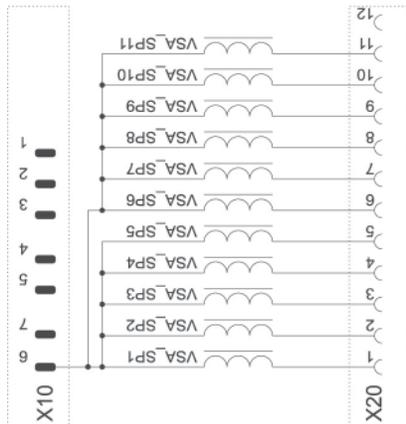




For:
GB_3

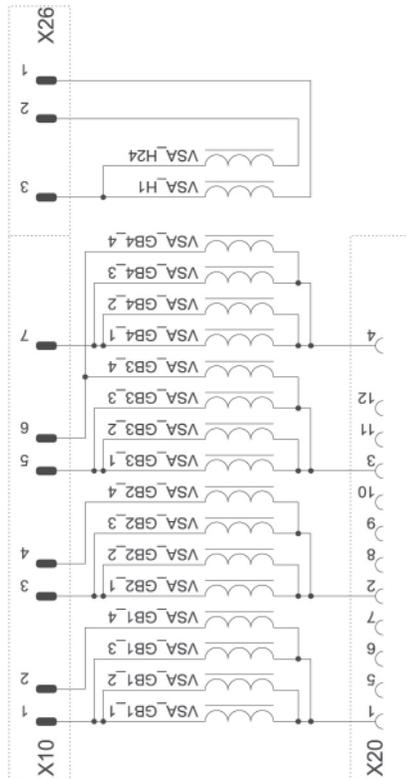


For:
Soft_23

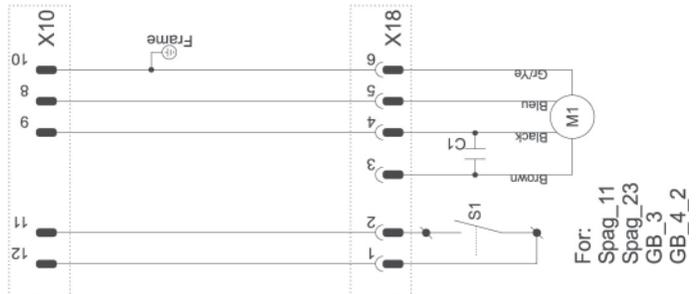


For:
Soft_11

- Legenda:**
 C1 Capacitor
 M1 Main fan
 S1 Fan switch
 X10 & X26 Male screw connector
 X18 Male / female screw connector
 X19 & X20 Female screw connector
 VSA_H1 & VSA_H24 Ballast
 VSA_SP1-VSA_SP23 Ballast
 VSA_GB1_1-VSA_GB1_4 Ballast
 VSA_GB2_1-VSA_GB2_4 Ballast
 VSA_GB3_1-VSA_GB3_4 Ballast
 VSA_GB4_1-VSA_GB4_4 Ballast



For:
GB_4_2



For:
Spag_11
Spag_23
GB_3
GB_4_2

