

PRODUCT LINE



Design by
STUDIO F·A·PORSCHE

TANNING DEVICE

OPERATING INSTRUCTIONS



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ORIGINAL OPERATING INSTRUCTIONS

Version: BA-P9-5018-TSU-en-us

Date: December 2020

Item no: 0100036708 C

Tanning device name [tech.]: 5018

MANUFACTURER

KBL GmbH

Ringstraße 24-26 · 56307 Dernbach · Germany

DISTRIBUTED BY (CONTACT)

Laundries unlimited of Indiana, Inc.

dba Tanning Supplies unlimited.

1504 Sadlier Circle South Drive;

Indianapolis; IN 46239, U.S.A.


1-877-307-8434 (toll free) or 317-217-1700

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1. Labels attached to the tanning device

EXAMPLES




Manufactured by:
KBL GmbH
Ringstrasse 24-26
86307 Dornbach
Germany

Distributed by:
Laundries unlimited of Indiana, Inc.
dba Tanning Supplies unlimited
1504 Sadler Circle South Drive
Indianapolis, IN 46239, U.S.A.

Serial number: KBL01012345
Manufactured: 10/2019
Typ : **KBL P9 extraSun**
P9 - 50p64gx 1616 int us (T)

Mains Voltage: 3 x 220V / ~ / 60Hz
Rated capacity: 13600W / 14860W*

* with air-con. unit



(01)04200469020159(11)19163(12)KBL01012345

Fluorescent-Tubes Top: 20 x pureSunlight 1712 R 200W (3230076175)
Fluorescent-Tubes Top: 6 x extraSunlight 1711 R 200W (3230076175)
Fluorescent-Tubes Bed: 24 x pureSunlight 1990 R 200W (3230075160)
H.P.-Tubes facial: 4 x megaLine HP 800 (4230320000)
Filter Pane: 4 x evo 19176 (3200019176)
x-tra Tan: 2 x MS 250 (3200224000)

CAUTION!
CONNECT ONLY TO A CIRCUIT PROTECTED BY A CLASS A GROUND.
FAULT CIRCUIT INTERRUPTER (CANADA ONLY)

ATTENTION!
BRANCHER SEULEMENT À UNE DERIVATION PROTEGÉE PAR UN DISJONCTEUR DIFFÉRENTIEL DE CLASSE A (QUE POUR LE CANADA)

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

AVERTISSEMENT!
POUR UN FONCTIONNEMENT SÛR, NE JAMAIS UTILISER CET APPAREIL QUAND LE CONDUCTEUR DE MISE À LA MASSE EST DÉCONNECTÉ.

Use in dry locations only **IP20**

No.: 0100005003

All ratings of the decorative LED lightning are included in the total rating of the tanning device.

Part No. 3010370868

WARNING:
HIGH LEAKAGE CURRENT - ENSURE PROPER GROUNDING.

AVERTISSEMENT
COURANT DE FUITE ÉLEVÉ - FOURNIR UNE MISE À LA TERRE EFFICACE.

Part No. 3010370868

Only for devices without SunSphere technology

ATTENTION: Do not use the sun bed if the filter glasses are missing or damaged!
ATTENTION: Quand le filtres de protection manque ou sont abimé, n'utilisez pas l'appareil!

Item no. 3010370803 A





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.

DANGER - RAYONNEMENTS ULTRA-VIOLETS - RESPECTER LES INSTRUCTIONS - ÉVITER UNE SUREXPOSITION
Tout comme avec la lumière naturelle du soleil, une surexposition peut entraîner des lésions oculaires et cutanées ainsi que des réactions allergiques. Une exposition répétée peut causer un vieillissement cutané prématuré et un cancer de la peau.

WEAR PROTECTIVE EYEWEAR - FAILURE TO WEAR PROTECTIVE EYEWEAR 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. Children, the elderly, or fair skinned people who always burn easily and either never tan or tan minimally should not use this equipment. If discomfort develops, discontinue use and consult a physician.

PORTER DES LUNETTES DE PROTECTION - LE NON-RESPECT DU PORT DES LUNETTES DE PROTECTION PEUT ENTRAÎNER DE GRAVES BRÛLURES OU DES LÉSIONS À LONG TERME DES YEUX Des médicaments ou des produits cosmétiques peuvent augmenter votre sensibilité aux rayons ultra-violet. Veuillez consulter un médecin avant d'utiliser la lampe solaire si vous prenez des médicaments ou si vous avez des antécédents de problèmes cutanés ou si vous pensez que vous êtes particulièrement sensible à la lumière du soleil. Si vous ne bronzez pas au soleil, il est peu probable que vous bronziez en utilisant ce produit. Les enfants, les personnes âgées ou les personnes à la peau claire qui attrapent facilement des coups de soleil ou qui ne bronzent jamais ou très peu ne doivent pas utiliser cet équipement. En cas d'inconfort, arrêtez l'utilisation et consultez un médecin.

CAUTION
DISCONNECT SUPPLY CORD BEFORE OPENING UNIT

ATTENTION
DÉBRANCHER LE CORDON D'ALIMENTATION AVANT D'OUVRIR

Item no. 3010370808 A

This device is intended for the tanning of the human skin of an adult person who is in full command of his/her physical, sensorial and mental faculties. Lie down on the bench in a straight position and with physical contact to the bench.

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: Schmerler GmbH, No. 2255

DO NOT REMOVE THIS LABEL
Read the instruction booklet before using this device.

RECOMMENDED EXPOSURE SCHEDULE
Tanning can begin at a regular basis by gradually increasing the exposure times until maximum tanning has occurred (in approx. 4 weeks).

MAXIMUM EXPOSURE TIME: 10 minutes.

Skin type	Week 1 1st-3rd Sessions	Week 2 4th-6th Sessions	Week 3 7th-10th Sessions	Week 4 11th-15th Sessions	Subsequent Sessions
I	NOT ADVISED	NOT ADVISED	NOT ADVISED	NOT ADVISED	NOT ADVISED
II	2 min	3 min	5 min	7 min	10 min
III	2 min	4 min	5 min	8 min	10 min
IV	2 min	4 min	6 min	10 min	10 min
V	2 min	4 min	6 min	10 min	10 min

Do not tan more than once in a 24 hour period.

This device is in conformity with performance standards for sunlamp products under No. 21 CFR 1040.20. This device is intended to be used with the following lamps:

Canopy: pureSunlight 1712 R 200W
extraSunlight 1711 R 200W
Bench: pureSunlight 1990 R 200W
Facial units: megaLine HP 800
Shoulder tanner: ms 250

For replacement lamps, eyewear or parts please contact:
Laundries unlimited of Indiana, Inc.
dba Tanning Supplies unlimited
1504 Sadler Circle South Drive
Indianapolis, IN 46239, U.S.A.

Item no. 3010371580 F

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

Item no. 3010371614 A

2. General information

2.1 About these instructions

This operating manual is intended for use by

- studio operator,
- user,
- staff,
- qualified, trained and authorized service technician.

Any person dealing with this KBL Sunlamp Product (hereafter referred to as tanning device) must have read and understood these instructions.

This manual describes tanning devices equipped with the maximum number of features.

Keep this manual ready to hand at all times.

2.2 Safety signs



This symbol indicates that general hazards exist for the human health.



This symbol indicates that due to electrical tensions hazards exist to the human health.



This symbol indicates that due to UV radiation hazards exist to the human health.



This symbol indicates that due to falling loads hazards exist to the human health.



This symbol indicates the danger of pinching.
When closing and opening panels and covers, you can pinch your hands.



This symbol indicates the danger of burns from hot lamps and housing parts. If the tanning device was operated before being switched off and opened, lamps and housing parts may be hot.



This symbol indicates that damages may occur at the tanning device, at the material or at the environment.



This symbol indicates the type BF applied part.

IMPORTANT INFORMATION



This symbol does not identify safety notices, but states information for a better understanding.

2.3 Signal words

 **DANGER**

- Death or serious injury is imminent.

 **WARNING**

- Death or serious injury is possible.

 **CAUTION**

- Moderate or minor injury is possible.

2.4 Definitions

STUDIO OPERATOR

People who provide tanning devices to users on a commercial basis. The studio operator is trained to operate and maintain the tanning device. He is responsible for the proper operation of the tanning device as well as for compliance with the maintenance intervals.

USER

A person who uses the tanning device.


STAFF

People who are responsible for the operation, cleaning and disinfection as well as for the general maintenance work and instruction of the user on how to operate the tanning devices.


QUALIFIED, TRAINED AND AUTHORIZED SERVICE TECHNICIAN

Qualified staff who have been trained and authorized by the manufacturer for assembly and maintenance work with specific device.

2.5 Transport

	<div style="background-color: #f4a460; padding: 5px; text-align: center;">⚠ WARNING</div> <p>Overturning load Danger of being crushed by heavy parts of the equipment.</p> <ul style="list-style-type: none"> • Keep the safety distance to the transport machine. • Do not walk under the load. • Wear safety shoes.
---	--

TRANSPORT BY FORKLIFT TRUCK

	<p>During transport the tanning device may be damaged when using forklift forks that are too short.</p> <ul style="list-style-type: none"> • Use only sufficiently long forks.
---	---

The tanning device is mounted on a pallet.

- Insert the forks carefully into the openings of the pallet.
- Lift the load by a few centimeters.
- Transport the load carefully to the place of installation.

OTHER MODES OF TRANSPORT

If a forklift truck cannot be used for transport, the tanning device must be partially disassembled and the parts must be transported individually to the place of installation, e.g. using a dolly. Depending on the weight of the components, lifting them might require several people.

2.6 Environmental regulations (disposal of lamps)

Fluorescent lamps contain fluorescent materials and other waste products containing mercury. Some areas of the USA and Canada have specific regulations regarding disposal of these waste. Please check the laws in your area and act in accordance with municipal waste regulations. Please retain proof of proper disposal of lamps. Your local regulatory agency can assist you with the disposal of lamps. Report the number of lamps to your local agency by telephone or in writing. The regulatory agency can provide you with a delivery point for your lamps or will take care, in conjunction with a disposal company, of the collection and proper disposal of the lamps (Fees for this may apply). Please contact your code enforcement officials for more information regarding laws governing disposal of these components in your area.

2.7 Service

REPAIRS - SERVICE - REPLACEMENT - PARTS AND LAMPS - EYE PROTECTION

If you are in need of any of the above mentioned products or services, you should contact:

Laundries unlimited of Indiana, Inc.
dba Tanning Supplies unlimited.
1504 Sadlier Circle South Drive;
Indianapolis; IN 46239, U.S.A.
1-877-307-8434 (toll free) or 317-217-1700


NOTE: All repairs and replacement components including, but not limited to protective eyewear, lamps, timers and acrylic must be in compliance with CFR 21 1040.20.

ACCESSORY PARTS

Description	KBL item no.
Protective eyewear	3010104000
Headrest	3010212010

Technical documentation like operating and assembly instructions as well as diagrams and original spare parts can be provided responsibility by KBL.

2.8 Updating system software



Risk of damage by switching off the power supply voltage.


Disconnecting power supply during the update process, will lead to damage of electronic components.

- Make sure that the tanning device is not disconnected from the power supply voltage during the update.

To accomplish the update download the “USB-Connect” software offered by KBL. For detailed information press the help-button in the main menu.

2.9 Setup location

OPERATION IN MOBILE FACILITIES



⚠ CAUTION

Crushing hazard caused by sudden movements


The tanning device is unsuitable for operation in mobile facilities (buses, trains, ships).

- The tanning device must be adapted in order to ensure trouble-free operation when used in mobile facilities.

DANGER OF OVERHEATING BY OBSTRUCTION OF THE AIRFLOW

Avoid in any case a change, obstruction or blockage of the air inflow and outflow area to the tanning device or to make any unauthorized changes to the tanning device. The manufacturer shall bear no liability for damage or injuries resulting from such actions.

- Comply with the ventilation information to avoid serious system malfunctions.
- Only use OEM spare parts of the same type! The use of other parts will void the manufacturer’s warranty!
- Maintain the minimum distances from ceiling, bottom and the walls! Dimensions are given in chapter *technical data*.



Insufficient air supply leads to overheating which may result in damaging the tanning device!

EXPLOSIVE ATMOSPHERE



⚠ DANGER

Explosive atmosphere

Operation in explosive atmospheres can cause explosions.

- Do not operate the tanning device in an explosive atmosphere.

SALTY AIR - CONTAMINATED AIR



Salty air, contaminated air may lead to corrosion of the housing and electrical components. **Damage to the tanning device possible!**

- Do not operate the tanning device in locations with aggressive environmental conditions (e.g. air containing chlorine).
- Do not install the tanning device at swimming pools.

ELECTROMAGNETIC ENVIRONMENT

Do not use near (24 inches or closer) equipment sensitive to electromagnetic interference.

This tanning device complies with International Standards (as set forth in manufacturer's declaration following) for electromagnetic compatibility for medical electrical equipment and/or systems.

These standards are designed to provide reasonable protection against harmful interference in a typical medical installation.

However, because of the proliferation of radio-frequency transmitting equipment and other sources of electrical noise in healthcare and other environments, it is possible that high levels of such interference due to close proximity or strength of a source might disrupt the performance of this tanning device. Medical electrical equipment needs special precautions regarding EMC, and all equipment must be installed and put into service according to the EMC information specified in this manual (*chapter 4.1*).

DIFFERENCE IN TEMPERATURE



Risk of damage by switching on the power supply voltage.

When there are great differences in temperature between the transportation route and the installation site the tanning device shall not be put into operation immediately after being set up.

- Before connecting the tanning device to the power supply, wait at least for 2 hours.

2.10 Commissioning



⚠ DANGER

Damaged mains power cable

Risk of death or fatal injury due to electric shock when touching a damaged mains power cable.

- Only the manufacturer or specialized companies may replace the mains power cable!

Initial commissioning will be carried out by the manufacturer's own service technicians or by qualified, trained and authorized service technicians. The tanning device will be handed over ready for use.

As studio operator it is your responsibility to observe the electrical regulations applicable at the installation site.

The tanning device incorporates special preventive measures with regard to the electromagnetic compatibility and must be installed and commissioned according to the EMC instructions obtained from this operating instructions.

If the tanning device has not been used for a longer period of time, then it must first be inspected by qualified, trained and authorized service technicians, before being put back into operation again.

Ensure no electromagnetic compatibility issues with the siting (*chapter 4.1*).

2.11 Obligations of the studio operator

- The studio operator is responsible for informing users on possible risks of tanning.
- All danger and safety labels attached to the tanning device must be observed and shall not be removed!
- The tanning device shall only be used when in proper operational condition!
- The studio operator is responsible to ensure that the tanning device is handled properly.
- No safety equipment (e.g. thermal switch) shall be removed, deactivated, or otherwise bypassed as it may impair the safe operation of the tanning device!
- The electrical installation must be equipped with a freely accessible all-pole disconnecting device (Master switch with clearly marked on/off settings e.g. "O" and "I" or additional indicator light). The master switch shall be fitted externally on the side of the tanning booth, so the operator can access it at any time, even when the tanning device is in operation.
- Site the tanning device in such a way as the MAINS ON/OFF switch and the MAINS supply cable are not obstructed (difficult to access).

2.12 Training of staff

The studio operator is obligated to train his staff and to instruct them in the established legal and accident prevention regulations. He must ensure that his staff has understood and observes these instructions. This includes:

- Operating instructions.
- Safety instructions.
- Information regarding intended use and foreseeable misuse.
- Cleaning/disinfection and maintenance instructions.
- The instructions and additional information from

the manufacturer must be available to the staff at their workplace. Regularly test your staff's safety consciousness and awareness of the risks, taking into account the operating instructions of the tanning device.

- Make sure that the cleaning/disinfection intervals are complied with, especially the cleaning and disinfection of the tanning device after every use.
- Make sure that your staff provides the customers with appropriate advice, especially regarding tanning times, possible risks and the operation of the tanning device.


2.13 Technical modifications

The tanning device has been constructed in accordance with current safety regulations.

The specifications and illustrations on these instructions are subject to technical modifications which are required in order to improve the tanning device.

- Unauthorized modifications and changes to the tanning device are forbidden.
- Use only OEM spare parts!

2.14 Instruction updates

	<p>Use the current tanning device documentation</p>
	<p>The tanning device documentation is updated regularly by the manufacturer. Make sure you are using the latest version.</p> <p>For instruction updates, please contact:</p> <p>Laundries unlimited of Indiana, Inc. dba Tanning Supplies unlimited. 1504 Sadlier Circle South Drive; Indianapolis; IN 46239, U.S.A. 1-877-307-8434 (toll free) or 317-217-1700</p>

3. Safety notes

3.1 General safety notes

Read the operating instructions before using the tanning device.

This tanning device must be operated with an external timer as specified in chapter *Timer controlled operation*.

NOTE: This tanning device is intended to be used by only one adult person at a time. Therefore, only one (1) pair of protective eyewear is provided with each KBL tanning device. Use protective eyewear whenever the tanning device is operated. Read related operating instructions in chapter *Guidelines for the use of protective eyewear*.

Do not tan more than once in a 24 hour period. Tanning results normally occur after a few sessions and increase after four (4) weeks of regular exposure. Follow the exposure schedule in accordance with your skin type as specified in chapter *Exposure schedule*. Failure to do so may result in overexposure. However, regardless of how dark an individual may tan on this tanning device, it will not provide adequate protection against overexposure to natural sunlight or UVB tanning devices.

SKIN TYPE II - This is the individual that usually burns easily and severely, tans minimally or lightly and peels.

SKIN TYPE III - Often referred to as „AVERAGE“ complexion. Burns moderately and tans about average.

SKIN TYPE IV - This individual burns minimally, tans easily and above average with each exposure.

SKIN TYPE V - This individual rarely burns, tans easily and substantially.

FURTHER INSTRUCTIONS



WARNING

No modification of this equipment is allowed.

- Follow all instructions given in this manual. In addition to that, observe all applicable statutory provisions and regulations, also those applicable in the country of operation.
- The tanning device may only be installed and assembled by qualified, trained and authorized service technicians.
- Observe all danger signals and safety signs attached to the equipment.
- Safety signs must not be removed, and safety appliances must not be disabled.
- The tanning device may only be operated when in perfect working condition.
- Never operate the tanning device with the outer covering removed or with the acrylic panes removed.
- Pay attention to the load limit of the bed pane (tanning bed devices only).
- The bed must only be opened with bed pane folded down.
- The canopy is not designed to carry additional loads. In particular, during installation the canopy must not be charged with additional loads.

3.2 Duties of the operator

The manufacturer cannot be held liable for damages or injuries resulting from improper use of the equipment or non-observance of these operating instructions. Only use original spare parts, otherwise operating authorization and terms of guarantee will become invalid.

3.3 Intended use

This sunlamp product is a tanning device intended for the tanning of the human skin of an adult person who is in full command of his/her physical, sensorial and mental faculties. Moreover, sufficient knowledge and experience are required.

Wear protective eyewear to block UV radiation during tanning.

Lie down on the bed in a straight position and with physical contact to the bed. Choose a suitable position to reach the interior control panel at all times during the tanning.

3.4 Indications for use

This sunlamp product is an over-the-counter tanning device emitting ultraviolet light in the UVB and UVA region of the spectrum intended for tanning of the human skin of an adult person.

3.5 Contraindications

Any adult person listed here after may not use this sunlamp product. If in doubt consult a physician.

This sunlamp product is contraindicated for use on persons under the age of 18 years.

This sunlamp product must not be used

- if skin lesions or open wounds are present.
- by persons wearing heart pacemakers.
- by persons prone to sunburn (skin type I).
- by persons already suffering from sunburn.
- by persons taking medicines.
- by persons taking photosensitive medications.
- by persons, who had several severe sunburns as children.
- by persons, who are being treated by a physician for conditions associated with photosensitivity.
- by persons, who are prone to freckles.
- by persons with atypical discolored skin areas

or/and with more than five atypical moles with a diameter of 5 millimeters or more and persons with more than 16 moles with a diameter greater than or equal to 2 millimeters. If in doubt, consult a physician!

- by persons with naturally red hair color.
- by persons, who do not tan at all or cannot tan without getting sunburn.

3.6 Warnings

- This sunlamp product should not be used on individuals who have had skin cancer or have a family history of skin cancer.
- Persons repeatedly exposed to ultraviolet sunlamp products should be regularly evaluated for skin cancer.

3.7 Foreseeable misuse

- This sunlamp product is not designed to be used by persons with reduced physical, sensory or mental abilities and/or with a lack of experience or insufficient knowledge.
- During the operation no other person shall be in the radiation range of the sunlamp product.
- Children, should be supervised to make sure that they do not use the sunlamp product as a toy.
- The irradiation of animals, especially reptiles.
- Any type of use that differs from the provisions under the chapter *Safety notes* is considered misuse.

3.8 Timer controlled operation

This sunlamp product must be operated with an external timer that is listed in compliance with UL 917.

If the external timer fails, the sunlamp product is automatically switched off by an internal timer after the TE-time of the respective type of sunlamp product.

The maximum tanning time must not be exceeded.



- The exposure times stated in the exposure schedule must be entered at the external timer.
- Information on how to enter the exposure time can be found in the operating instructions of your external timer.

Accessory equipment connected to the analog and digital interfaces must be certified to the respective IEC standards (i.e. IEC 60601-1 for medical equipment). Furthermore all configurations shall comply with the system standard IEC 60601-1-1.

3.9 Guidelines for the use of protective eyewear

Before use, the length of the elastic strap must be adjusted to the required head size. For maximum protection to elevate stray light, the eye protection must fit securely and comfortably on the eyelids. If is any stray light from the sides or under the rim of the lens, DO NOT USE this eye protection. Ask the studio staff to recommend an alternative eye protection. Never use eye protection lenses that are broken, cracked, bleached out, or otherwise damaged.

For cleaning the protective eyewear refer to chapter *Instructions on cleaning, disinfection and care*.

3.10 Freeing a trapped person

PROPER FUNCTION OF CANOPY DRIVE

Regardless of the operating state (stand by or in operation) of the tanning device, the canopy can be opened (lifted) manually from the inside or the outside easily and with very little effort, any time.

The easiest way to open the canopy is using the designated handle which is freely accessible from the inside and the outside of the device.

The canopy drive (lift) mechanism is a purely mechanical function that does not depend on electrical power.

MALFUNCTION OF CANOPY DRIVE

If, during a tanning session, a mechanical defect occurs at the canopy drive, lifting the canopy manually from the inside and from the outside is still possible at any time.



There is no mechanical interlock to prevent lifting the canopy.

However, if the canopy drive fails, a higher effort is required to manually lift the canopy and therefore one or two persons are needed to support the opening process from the outside.



PREVENTIVE MEASURES

- Observe the maintenance instructions for the canopy drive as prescribed in chapter *Maintenance intervals*.
- Look for a quiet and smooth movement of the canopy drive. If unusual noises occur, the canopy drive must be checked by qualified, trained and authorized service technicians.

3.12 Use of headphones

	 CAUTION
	<p>Hearing damage possible</p> <p>Using headphones or earphones at high volume may result in permanent hearing damage.</p> <ul style="list-style-type: none"> • Do not set the volume too high.

3.13 Lamp breakage

	 CAUTION
	<p>Risk of mercury toxicity</p> <p>Risk of mercury toxicity after a lamp breakage. Please comply with the following instructions</p> <ul style="list-style-type: none"> • you must immediately disconnect the tanning device from the mains power. • have children immediately leave the room. • you must ventilate the room for at least 15 minutes. • put on disposable gloves. • open the window first, then collect the glass shards and escaped mercury and put it into a sealable container. • bring the container to a collection site for waste lamps.

4. Description of the tanning device

4.1 Standards

This tanning device is in conformity with performance standards 21 CFR 1040.20 and the standards for electromagnetic compatibility IEC 60601-1-2:2014 and EN 60601-1-2:2015 (EMC):

EN61000-3-2; EN61000-3-3; EN60601-1-2; EN55011; EN61000-4-2; EN61000-4-3; EN61000-4-4; EN61000-4-5; EN61000-4-6; EN61000-4-8; EN61000-4-11.

According to CISPR 11 the electromagnetic emission characteristic of this tanning device is classified in Group1 and Class A.

The emission characteristics of this device make it suitable for use in industrial areas and hospitals (CISPR 11 class A). If it is used in a residential environment (for which CISPR 11 class B is normally required) this device might not offer adequate protection to radio-frequency communication services. The studio operator might need to take mitigation measures, such as relocating or re-orienting the equipment.

See EMC Tables according to IEC 60601-1-2:2014 and EN 60601-1-2:2015.

If, at any point, you determine that the ESSENTIAL PERFORMANCE of the tanning device has been impaired (due to electro-magnetic interference or other causes), then terminate installation / operation and consult the factory before continuing.


Table 1

Guidance and Manufacturer's Declaration - Electromagnetic Emission		
The tanning device is intended for use in the electromagnetic environment specified below. The studio operator of the tanning device should assure that it is used in such an environment.		
Emission tests	Compliance	Electromagnetic environment - Guidance
RF emissions according to CISPR 11	Group 1	The tanning device uses RF energy exclusively for its internal FUNCTION. Therefore, its HF emissions are very low and not likely to cause any interference in nearby electronic equipment.
RF emissions according to CISPR 11	Class A	The tanning device is intended for use in facilities other than residential areas, and for facilities that are directly connected to a public low-voltage supply system that also supplies residential buildings.

Table 2

Guidance and Manufacturer's Declaration – Electromagnetic Immunity to Interference			
The tanning device is intended for use in the electromagnetic environment specified below. The studio operator of the tanning device should assure that it is used in such an environment.			
Immunity tests	IEC 60601- Test level	Compliance level	Electromagnetic environment - Guidance
Electrostatic discharge according to IEC 61000-4-2	± 8 kV contact discharge ± 15 kV air discharge	+/- 8 kV contact discharge +/- 15 kV air discharge	Floors should be made of wood or concrete or be covered with ceramic tiles. If floors are covered with synthetic material, the relative humidity needs to be at least 30 %.
Fast transient electrical disturbances/bursts according to IEC 61000-4-4	± 2 kV for power-supply lines ± 1 kV for input and output lines	± 2 kV for power-supply lines ± 1 kV for input and output lines	Mains power quality should be that of a typical industrial or hospital environment.
Surge voltages (surges) according to IEC 61000-4-5	± 1 kV differential mode voltage ± 2 kV common mode voltage	± 1 kV differential mode voltage ± 2 kV common mode voltage	Mains power quality should be that of a typical industrial or hospital environment.
Voltage dips, short interruptions and voltage variations on power-supply input lines according to IEC 61000-4-11	Dips 0% for 1 cycle 70% for 25/30 cycles Interrupts 0% for 250/300 cycles	Dips 0% for 1 cycle 70% for 25/30 cycles Interrupts 0% for 250/300 cycles	Mains power quality should be that of a typical industrial or hospital environment. If the studio operator of the tanning device requires continuous operation of the device even in the event of interruptions of the power supply, it is recommended that the tanning device is powered by an uninterrupted power supply unit.
Power-frequency (50/60 Hz) magnetic field according to IEC 61000-4-8	30 A/m	30 A/m	Power-frequency magnetic fields should be at levels characteristic of a typical location in a typical industrial or hospital environment.

Table 4

Guidance and Manufacturer's Declaration – Electromagnetic Immunity to Interference			
The tanning device is intended for use in the electromagnetic environment specified below. The studio operator of the tanning device should assure that it is used in such an environment.			
Immunity tests	IEC 60601- Test level	Compliance level	Electromagnetic environment - Guidance
			Portable and mobile RF communications equipment should be used no closer to the tanning device, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. Site the device a minimum of 24 inches from any other electrical / electronic devices to mitigate electro-magnetic efforts between devices
Conducted RF disturbances according to IEC 61000-4-6	3 V _{eff} 150 kHz to 80 MHz 10 V _{eff} 150 kHz to 80 MHz	3 V _{eff} 150 kHz to 80 MHz 10 V _{eff} 150 kHz to 80 MHz	Site the device a minimum of 24 inches from any other electrical / electronic devices to mitigate electro-magnetic efforts between devices
Radiated RF disturbances according to IEC 61000-4-3	10 V/m 80 MHz to 1,0 GHz 10 V/m 1,4 GHz to 2,0 GHz 10 V/m 2,0 GHz to 2,7 GHz	10 V/m 80 MHz to 1,0 GHz 10 V/m 1,4 GHz to 2,0 GHz 10 V/m 2,0 GHz to 2,7 GHz	
			Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey ^a shall be lower than the compliance level in all frequency ranges. Interference may occur in the vicinity of equipment marked with the following symbol: 

^a Field strengths from fixed transmitters, such as base stations for radio telephones and land mobile radios, amateur radio, AM and FM radio and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the tanning device is used exceeds the applicable RF compliance level above, The tanning device should be observed to verify normal operation in every location of use. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the tanning device unit.

Table 6

Recommended separation distances between portable and mobile RF communications equipment and the tanning device
The tanning device is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. Site the device a minimum of 24 inches from any other electrical / electronic devices to mitigate electro-magnetic efforts between devices.

4.2 Components

P9

Canopy: 20 tubes, 3 facial tanners, exterior- and interior control panel.

Side part: 6 tubes and 1 face tanner.

Bed part: 24 tubes, shoulder tanner and the electronic unit.


P9S

Canopy: 20 tubes, 3 SunSphere facial tanners, exterior- and interior control panel.

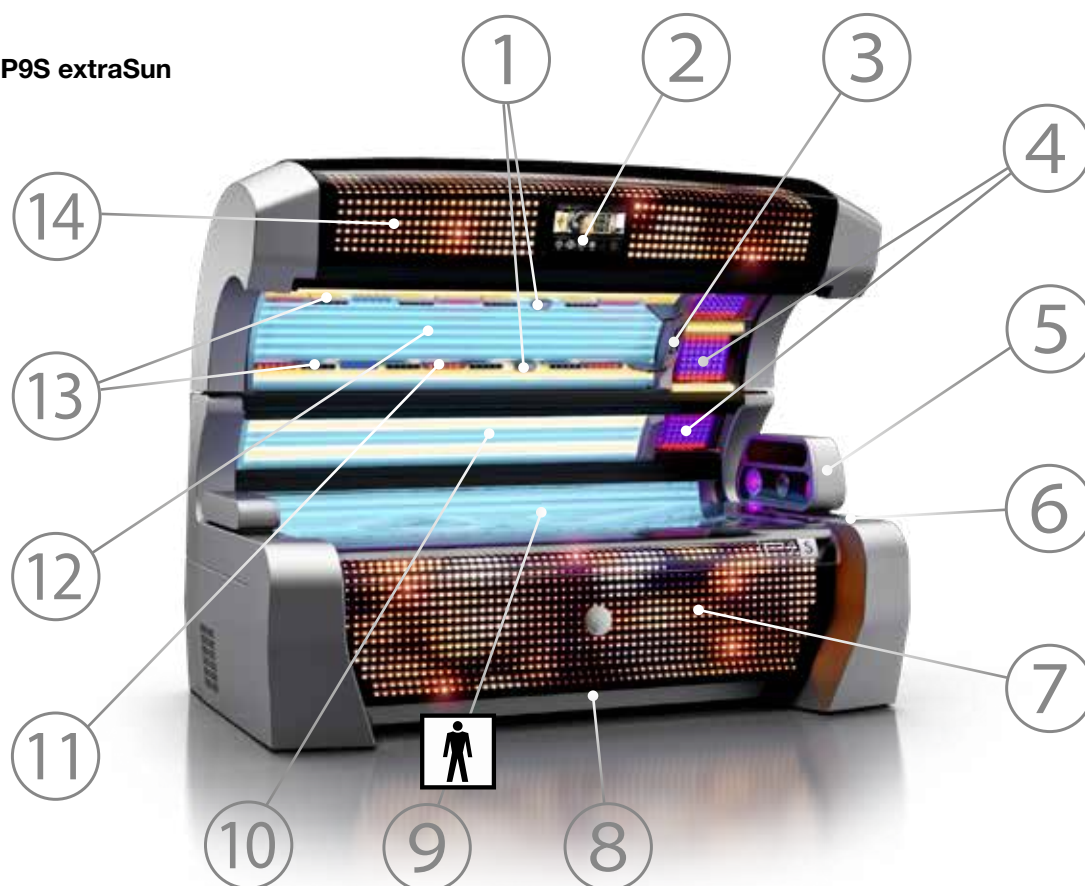
Side part: 6 tubes and 1 SunSphere facial tanner.

Bed part: 24 tubes, SunSphere shoulder tanner and the electronic unit.

Depending on the model also with further, optionally available components.


1	aquaCool - nozzles (optional equipment)
2	Exterior control panel (touch screen)
3	Interior control panel
4	P9S -> SunSphere facial tanner P9 -> Standard facial tanner
5	P9S -> SunSphere shoulder tanner P9 -> Standard shoulder tanner
6	Area for wireless charging of smartphones.
7	Bed (faceplate)
8	Opening mechanism of the bench part
9	Bed pane 
10	Side pane
11	beautyBooster
12	Canopy pane
13	Air nozzles
14	Canopy

EXAMPLE - KBL P9S extraSun



5. Connections

5.1 Class I ME equipment



⚠ WARNING

Risk of electric shock
To avoid the risk of electric shock, this equipment must only be connected to a supply mains with protective earth.

5.3 Connecting the mains voltage



⚠ DANGER

Live parts
Risk of death or fatal injury due to electric shock when touching live parts.

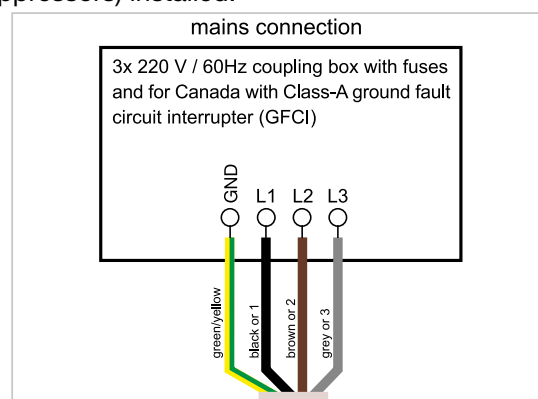
- Switch neutral
- Secure against reconnection
- Check for neutrality
- Ground and short-circuit
- Cover or shield any adjacent live parts or components

Both the power supply and the related connection work must comply with national standards and local regulations. The connection work and replacement of the power supply cord must only be performed by qualified, trained and authorized service technicians. The connection to the 3 x 220 V mains must be protected by maximum over current protection. For Canada a Class-A ground fault circuit interrupter (GFCI) has to be used. Further information can be found in chapter “Technical data”.

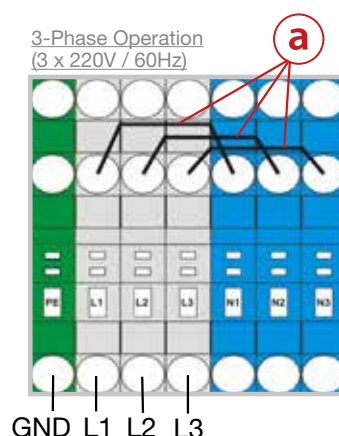
CONNECTION REQUIREMENTS

The electrical installation must be equipped with a freely accessible all-pole disconnecting device in accordance with the overvoltage category III. (Master switch with clearly marked on/off settings e.g. “O” and “I” or additional indicator light). The master switch shall be fitted externally on the side of

the tanning booth, so the operator can access it at any time, even when the tanning device is in operation. This means that for full separation each pole must have a contact gap according to the conditions of the overvoltage category III. The device shall be capable of being locked in the off-position and shall comply with IEC 60447. A supply main switch must not be incorporated in the power supply cord. A Class-A ground fault circuit interrupter (GFCI) has to be used for Canada. Should the operation of the tanning device cause any interference in the power supply network, e.g. with ripple-control systems (TRA), consult your power supply company to have corresponding blocking elements (audio frequency suppressors) installed.

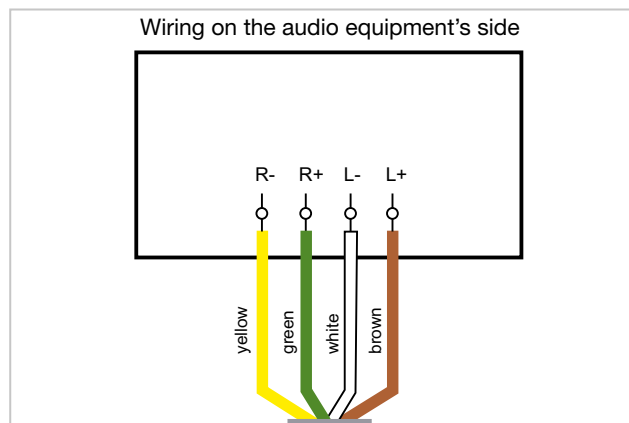


WIRING FOR 3-PHASE OPERATION



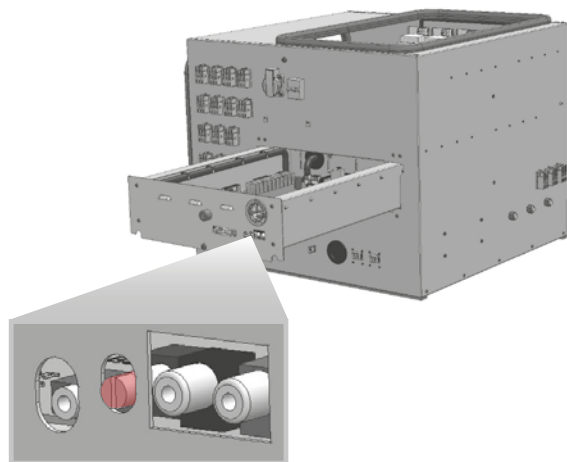
5.4 Connecting an external audio source

When connecting an external audio source (studio music), pay attention to the correct polarity.



5.5 Level adjustment studio music signal

The voice / audio system components are built in the middle of the bed part (vacuum housing) of the tanning device. The potentiometer which serves of the external audio signal is located on the left side of the housing. To avoid overdrive, select the level adjustment accordingly. The level setting depends on the strength of the external signal and should be carried out by qualified, trained and authorized service technicians. Adjustment of the sound level can only be conducted in the service menu.



5.6 Operation using different audio sources

The audio source can be changed via the interior control panel. The tanning device can be operated using the following audio sources:

INTERNAL MP3 PLAYER

When using the internal MP3 player, you can either play the music tracks that are originally supplied on the SD card, or you can record your own tracks to the SD card.

EXTERNAL AUDIO SOURCES

As an external audio source, you can connect devices ranging from the standard-line level to low loudspeaker levels.

These sources comprise:

- Studio music
- External Bluetooth players such as smartphones etc.

EXTERNAL 100 V AUDIO SIGNAL ON STUDIO CHANNEL (OPTIONAL FEATURE)

If you decide for a connection to a 100 V audio system, you will need a transformer (KBL no.: 9100 0170 00) for the transmission of the audio signal.

This connection must be made by trained and authorized service technicians.

5.7 Bluetooth connection

To connect an external player (smartphone etc.) wirelessly to the tanning device an optional Bluetooth interface is available.

CONNECT EXTERNAL PLAYER

A Bluetooth connection can be established in standby and during tanning mode.

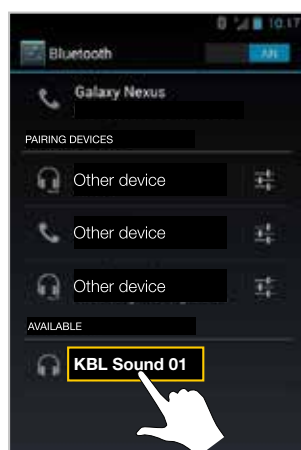


Make sure that you are within the reception area (about 2 meters).

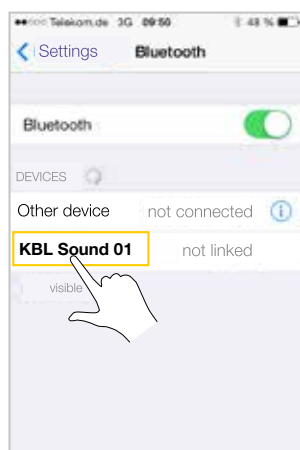
Make sure that your player is configured to search for other Bluetooth devices. Should this not be the case, enable Bluetooth manually. To do so, please read the instructions for your player.

- Depending on your settings the search will be performed automatically or manually. All available Bluetooth devices within reach will be listed after a short time.
- Among the available tanning devices choose “KBL Sound”. In the service menu, a trailing number (01, 02, 03, ...) can be added to tanning devices name.
- If necessary confirm the shown code and connect again. Not every smart phone asks for a code.

Example - Samsung Galaxy

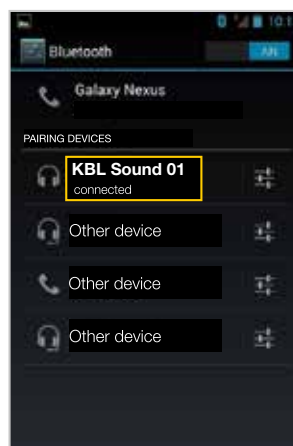


Example - Apple iPhone

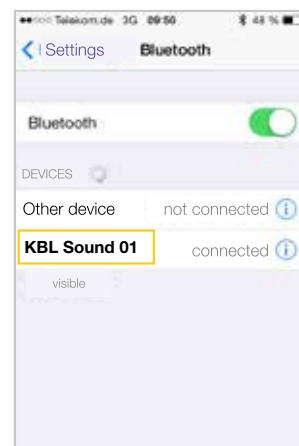


- A two-time beep indicates that your player is connected to the tanning device.

Example - Samsung Galaxy



Example - Apple iPhone



- Set your player to a **medium volume level** and start the music.
- Adjust the volume level on your player.
- During the tanning session, the volume control has to be done at the tanning device.

DISCONNECT EXTERNAL PLAYER

An existing connection is disconnected automatically after tanning.

The connection is automatically disconnected if the tanning session is not started within 6 minutes.

COMPATIBILITY OF BLUETOOTH DEVICES

KBL GmbH attaches great importance to hardware compatibility. Due to the large number of manufacturers, KBL can not guarantee a 100 % compatibility. In rare cases, it may happen that a Bluetooth connection can not be established.

CORRECTIVE ACTION

Each Bluetooth device offers a list of paired devices. Delete the older entries in this list which have a profile that overlaps with the ones for which you want to pair your player.

Start the Bluetooth device detection again.

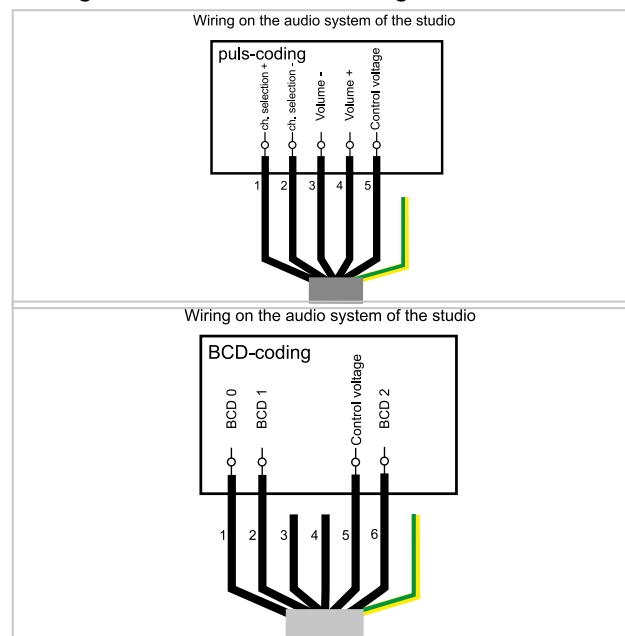
5.8 Wireless charging

A charging station for wireless charging is integrated in the right base of the tanning device. Suitable devices can be easily placed and charged here.



5.9 Connecting the channel selection

The following diagrams show the wiring of the channel selection on the audio equipment's side, for pulse coding as well as for BCD coding.

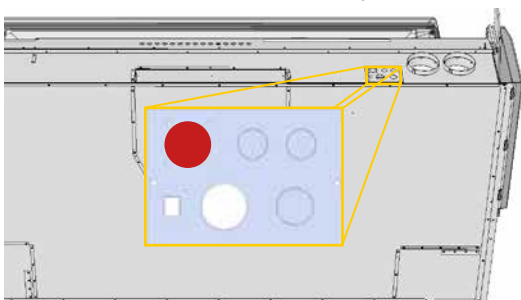


CHANNEL	BCD 0	BCD 1	BCD 2
1	0	0	0
2	1	0	0
3	0	1	0
4	1	1	0
5	0	0	1
6	1	0	1
7	0	1	1
8	1	1	1

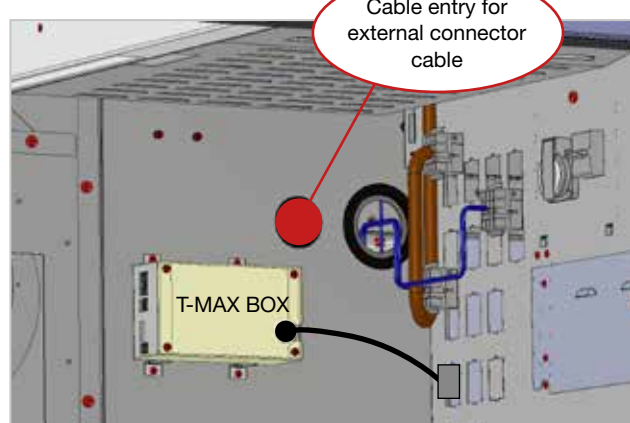
5.10 Connecting the external timer

Pass both, the connector cable of the T-Max timer and the leads of the tanning device, from the main port through the cable entry in the rear wall to the T-Max Box.

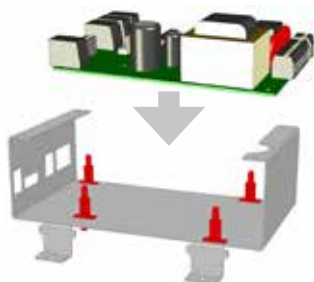
T-MAX CABLE ENTRY AT THE MAIN PLUG (EXTERNAL CONNECTOR CABLE)



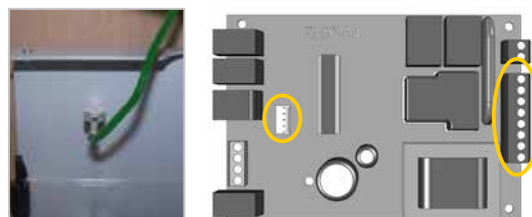
POSITION T-MAX BOX



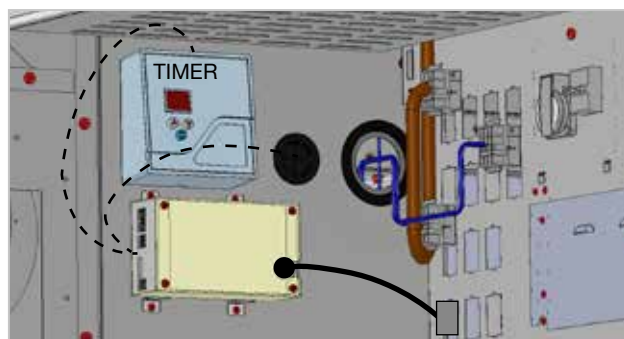
- Remove the cover from the T-Max Box.
- Insert the T-Max board to the socket pins of the box.



- Attach the connectors to the T-Max board and housing (ground).



- Attach the cover of the T-Max Box.
- Fasten the timer above the T-Max box, using the two screws.



- Connect the external cable and the timer to the T-Max box.

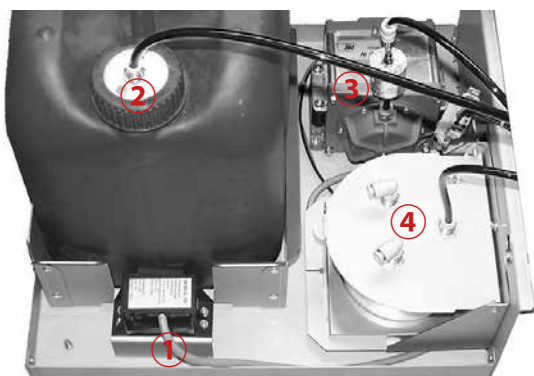


- The exposure times stated in the exposure schedule must be entered at the external timer.
- Information on how to enter the exposure time can be found in the operating instructions of your external timer.

5.11 aquaCool and Aroma connections

AQUACOOOL

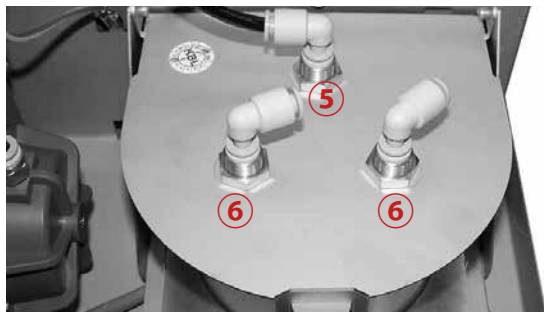
The aquaCool box is equipped with a liquid-level sensor ① as well as with a connection to the aquaCool canister ②. Furthermore, the box houses the compressor ensuring the compressed-air supply ③, and the Aroma box ④ with its related connections.



1	Connector (liquid-level monitoring)
2	Connection to aquaCool canister
3	Compressor with compressed-air connection
4	Aroma box

AROMA

The Aroma box is attached within the aquaCool box and equipped with three hose connections, one for the compressed-air supply ⑤ and two leading to the Aroma nozzles ⑥.



5	Aroma box (inlet)
6	Aroma box (outlets)

6. Start-up

Before switching on for the first time:

- Fix the supplied warning sign or one with the following wording permanently to the wall close to the tanning device:

Warning

UV-radiation can cause eye and skin damage as well as skin aging and possibly skin cancer. Ask the studio staff for further information.

Wear protective goggles.

Certain medicines or cosmetics can increase the sensitivity of the skin to UV radiation. If in doubt, consult a physician.

- Determine the pre settings for the tanning device in the service menu.
- Check correct installation of fluorescent tubes. The tube labeling must be visible, otherwise no tanning effect may be obtained.
- Store these Operating Instructions in a place that allows for easy access at any time.

6.1 Operating modes

STANDBY MODE

The tanning device is in an idle state, i.e. it is connected to the mains but is currently not being used. The tubes and the tanning lamps are switched off. From the standby mode, you can change over to the tanning mode or to the service mode.

TANNING MODE

The tubes and the tanning lamps are switched on and a tanning session is in progress. While the tanning device is in tanning mode, the settings for the ongoing tanning session can be changed via the interior control panel.

SERVICE MODE

In the service mode, the tanning device is configured for the tanning mode. Various values can be displayed and test functions can be carried out.

FAN RUN-ON

After the tanning session, the fan runs on for 3 minutes in order to cool down the device. The fan power is automatically decreased as the tubes cool down.

7. Tanning instructions

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.

7.1 Instructions for the user

Observe the following tanning instructions.

GENERAL

- Only individuals described in chapter *Intended use* and not listed in chapter *contraindications* may use the tanning device.
- The different skin types tolerate the sun and hence tanning times to a different degree. Please observe the specifications in the skin-type table (supplied with the tanning device) and the tanning times. After having reached the ultimate tan, further tanning can only be achieved by substantially exceeding the allowed tanning times. This must absolutely be avoided.
- It cannot generally be assumed that the use of a tanning device reduces the risk of getting a sunburn.

DANGER OF ULTRAVIOLET RADIATION

- The UV radiation of the sun or of UV appliances can cause damage to the skin or to the eyes. These biological effects depend on the type and amount of radiation as well as on the individual sensitivity of the skin.
- After excessive exposure to radiation, the skin may exhibit sunburn. Excessively repeated exposure to UV radiation of sunlight or UV appliances can result in premature ageing of the skin and in a higher risk of skin cancer.

- Do not expose yourself to UV radiation if you take medicine that increase the sensitivity to ultraviolet radiation, e.g. antibiotics, sulfonamides, psychiatric drugs, tranquillizers, antidiabetes treatments and diuretics and/or sun creams which contain psorale or coumarin may increase skin sensitivity. When in doubt, seek medical advice.
- Seek medical advice if persistent swellings or skin sores develop or pigmented moles change in appearance.
- As with natural sunlight, overexposure may cause eye injury and sunburn;
- A person with a history of skin problems should consult a physician before using the tanning device;
- Overexposure must be avoided;
- Children, elderly, or fair skinned people who always burn easily and either never tan or barely tan shall not use this tanning device.
- Remove cosmetics before tanning and do not use any sunscreen or products that accelerate tanning. For tanning, the skin should have been thoroughly cleaned and dry.

DANGER OF LONG-TERM CONSEQUENCES

Exposure to ultraviolet radiation may increase the likelihood of developing skin cancer and cause serious eye injury.

You do not need to become tan to make Vitamin D.

- Overexposure is to be avoided.
- The elderly people should not use this tanning device.
- Children shall not use this tanning device.
- While there is no immediate clinical evidence of UVA exposure and its effects upon pregnant woman, it is strongly advised that pregnant woman be discouraged from using the tanning device.



If in doubt seek for medical advice!

FOR EACH TANNING SESSION

- Remove cosmetics before the session and do not use any sunscreen.
- Allow for at least 24 hours to pass between sessions.
- After a tanning session in a studio, do not take another sunbath out of doors on the same day.
- Always wear the supplied protective goggles.



WARNING



Excessive dose of UV radiation

The unprotected eye can suffer from surface inflammation and in certain cases, e.g. after a cataract operation, excessive radiation can damage the retina. After many repeated sessions a cataract might form.

- Inform users to use the supplied protective goggles that block UV rays.

Failure to use protective eyewear may result in severe burns or other eye injury. If discomfort develops discontinue use and consult a physician!

7.2 Exposure schedule

For the precise definition of the skin types, please refer to the supplied skin-type table.

If the tanning-session sequence is interrupted for 4 weeks or more, you will have to start with the first session again.

The times mentioned in the exposure schedules are only valid for tubes and facial tanners that are replaced according to the maintenance intervals.

This exposure schedule is valid for the following tanning devices:

- KBL P9 - EXTRASUN *

(5018) P9 - 50p6/4gx - 1616 int us (T))

SKIN TYPE		Week 1 1st - 3rd Sessions	Week 2 4th - 6th Sessions	Week 3 7th - 10th Sessions	Week 4 11th - 15th Sessions	Subsequent Sessions
	I	NOT ADVISED				
	II	2	3	5	7	10
	III	2	4	5	8	10
	IV	2	4	6	10	10
	V	2	4	6	10	10
Maximum exposure is 10 minutes!						

- KBL P9 - HYBRIDSUN *

(5018) P9 - 50h/4gx - 1616 cpi us (T))

SKIN TYPE		Week 1 1st - 3rd Sessions	Week 2 4th - 6th Sessions	Week 3 7th - 10th Sessions	Week 4 11th - 15th Sessions	Subsequent Sessions
	I	NOT ADVISED				
	II	2	3	5	7	10
	III	2	4	5	8	10
	IV	2	4	6	10	10
	V	2	4	6	10	10
Maximum exposure is 10 minutes!						

- KBL P9S - EXTRASUN *

(5018) P9S - 50p6/4gx - 1616 int us (T))

SKIN TYPE		Week 1 1st - 3rd Sessions	Week 2 4th - 6th Sessions	Week 3 7th - 10th Sessions	Week 4 11th - 15th Sessions	Subsequent Sessions
	I	NOT ADVISED				
	II	2	4	6	7	10
	III	2	4	6	8	10
	IV	2	4	7	10	10
	V	2	5	7	10	10
Maximum exposure is 10 minutes!						

- KBL P9S - HYBRIDSUN *

(5018) P9S - 50h/4gx - 1616 cpi us (T))


SKIN TYPE		Week 1 1st - 3rd Sessions	Week 2 4th - 6th Sessions	Week 3 7th - 10th Sessions	Week 4 11th - 15th Sessions	Subsequent Sessions
	I	NOT ADVISED				
	II	2	4	5	7	10
	III	2	4	6	8	10
	IV	2	4	7	10	10
	V	2	5	7	10	10
Maximum exposure is 10 minutes!						




- The exposure times stated in this exposure schedule must be entered at the external timer.
- Information on how to enter the exposure time can be found in the operating instructions of your external timer.

* For tube set, see table "Technical data".

8. Tanning mode

 **WARNING**



Excessive dose of UV radiation

Excessively prolonged tanning sessions may cause severe damage to skin and eyes.

- Never operate the tanning device with a defective timer.
- Observe the tanning times given in the tanning schedule.

There is a touch screen panel in the middle of the front part of the canopy. Depending on the configuration of the tanning device, up to eleven functions are available for you to make your choice.

Your choice remains stored for 3 minutes.

If you do not start your tanning session within this time, the system is reset to the default settings defined in the service menu.

The following explanations and functions refer to a tanning device that is fully equipped with all features.

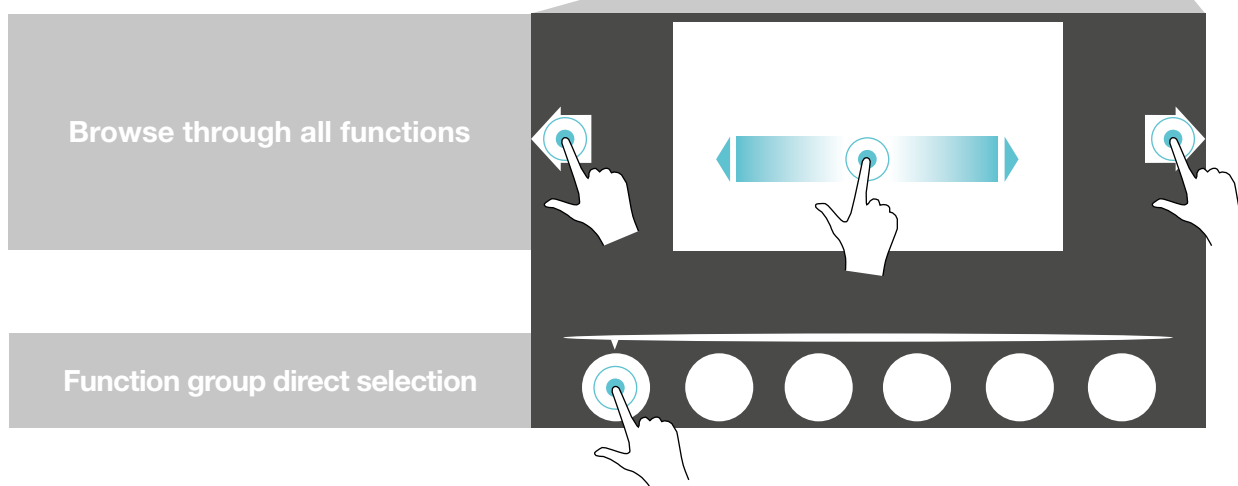
8.1 Pre selection

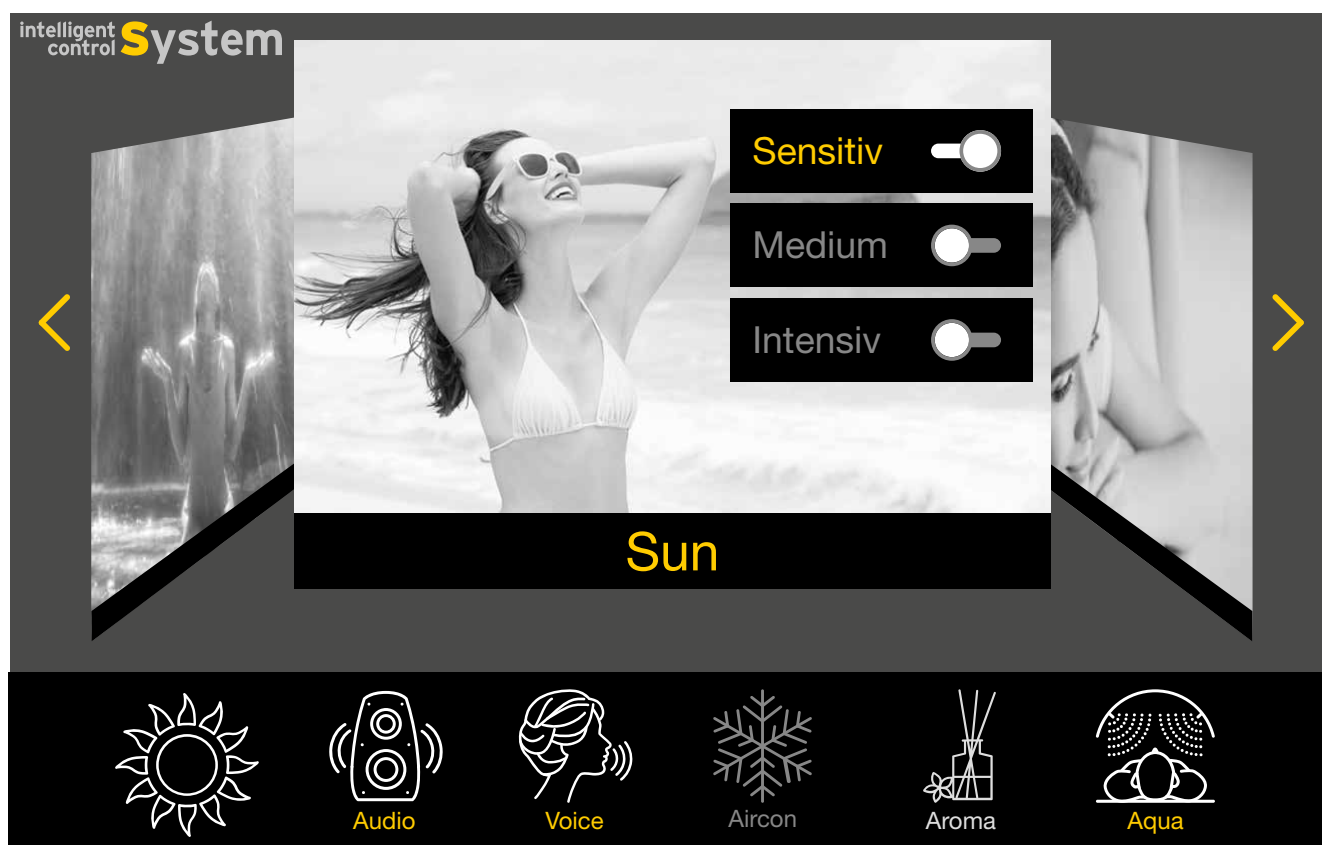
Before starting your tanning session, the touch screen allows you to choose certain tanning options in advance.

Simply select your preferences and enjoy your tanning session from the very beginning.



PRINCIPALS OF OPERATION








PRE - SELECTION OPTIONS

	sun - tanning level pre selection	
	audio - audio source pre selection	
	voice - megaVoice	on / off
	aircon - airconditioning	on / off
	aroma - aromatization	on / off
	aqua - aquaCool	on / off

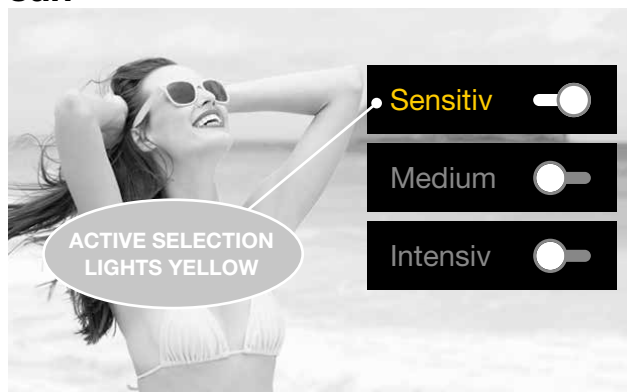
ICON STATUS (EXAMPLE)

	Active options light up in white.
	Inactive (disabled) options are dark gray.
	If the option is not available, or has not been activated in the service menu, the icon remains light gray.



- During the fan run-on the pre selection menu is blocked.
- The default settings of the pre selection menu can be determined in the service menu.

sun



Tanning level pre selection

Optimum tanning conditions are achieved by targeted influencing of the UV output.

Use the three buttons SENSITIV, MEDIUM and INTENSIV to choose your desired preset

SENSITIV

This setting enables gentle tanning and achieves a balanced tanning effect in the long term.

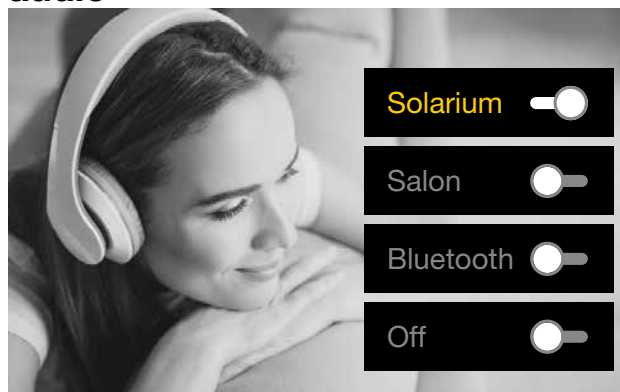
MEDIUM

Setting for a somewhat faster tanning success.

INTENSIV

Setting for the maximum available power for a quick and intensive tan.

audio



Audio source pre selection

You can pre select one out of three different audio sources.

During the tanning session, you can change the audio source any time via the interior control panel.

SOLARIUM (MP3-INTERN)

During the tanning session, you will listen to the tracks played by the internal MP3 player of the tanning device.

SALON (STUDIO)

You will listen to the music that is provided externally by the studio operator.

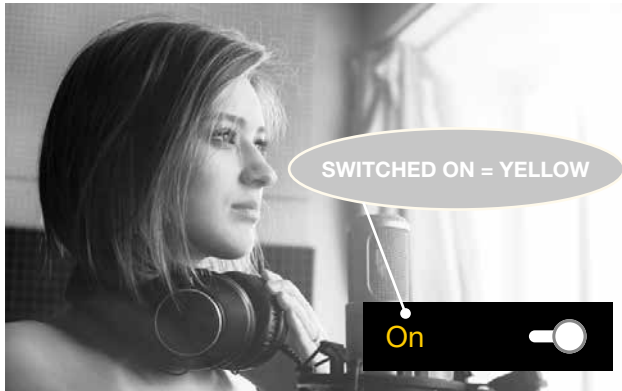
BLUETOOTH (MP3-EXTERN)

Use your own Bluetooth player (smartphone etc.).

OFF

Music off.

voice



Switches the voice guidance (megaVoice) on or off.

aqua



Switches the aquaCool function on or off.

aircon



Switches the air-conditioning unit on or off.

aroma



Switches the aroma function on or off.

8.2 Starting the tanning session

The tanning session automatically starts after the external timer controlled delay time has expired. During the preset delay time the tanning session can be started anytime manually using the START button.

NOTES:

20 seconds after your last input, the interior control panel changes over to the indication of the tanning time.

An information line at the bottom edge of the interior control panel shows the current music track.

8.3 Operation during the tanning session

You can control the functions of the tanning device via the interior control panel during the tanning session. It is particularly easy for you to access the basic functions.

Additionally, you can also change the subordinate functions settings by using the interior control panel.

Buttons with recesses that can easily be sensed allow for easy operation of the system even with your eyes closed.

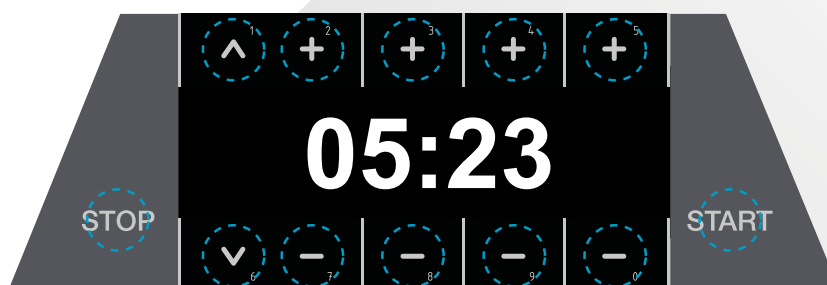
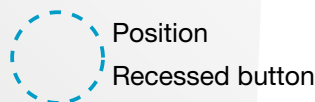


+/- BUTTONS

- Control the functions.

ARROW BUTTONS

- Select the subordinate function.



STOP BUTTON

- Stops the tanning session.

DISPLAY

- Shows the menu items and functions.
- Indicates the tanning time.
- Information line.

START BUTTON

- Starts the tanning session during the timer controlled delay time
- as well as after an interruption caused by pressing the STOP button, provided that the booked tanning time has not elapsed yet.

During the tanning session, you need quick access to basic functions such as volume control, body fan and facial tanners.

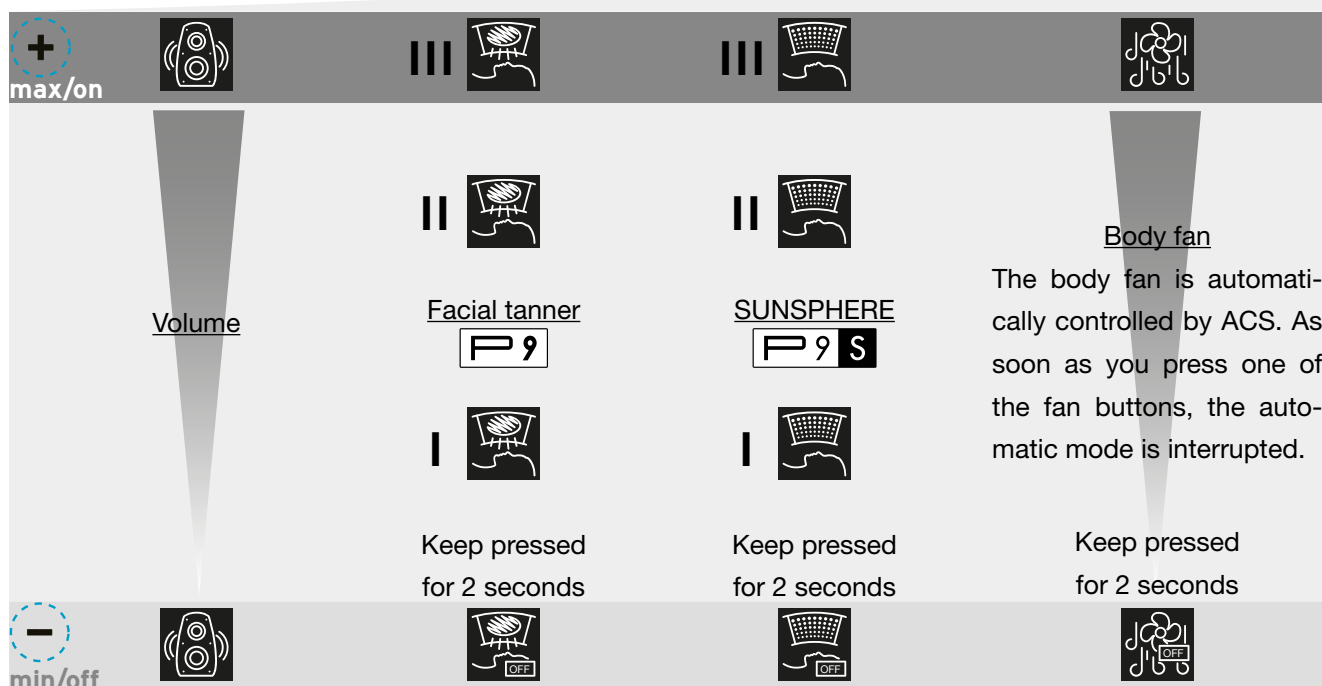
You should also be in a position to change the subordinate functions.

The interior control panel caters for both requirements. You have

- direct access to frequently needed functions via the “Basic functions” section, and
- access to the subordinate functions you made via the variable section of the interior control panel (display according to the rotation principle).





8.4 Basic functions

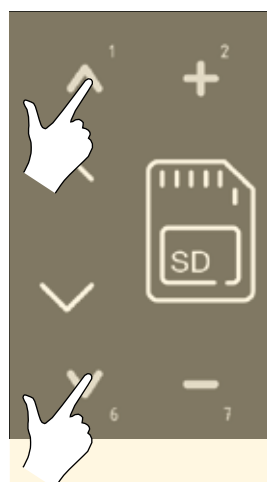


Remark on standard facial tanner operation (P9): Third switching stage is depending on device type and device setup configuration. For safety reasons, the facial tanner, once switched off, cannot be switched on again before three minutes have elapsed. If you try to activate the facial tanner during this time, your command will be stored, and the tanner will be switched on automatically after a delay, i.e. after the blocking time has elapsed.

8.5 Variable section of the interior control panel

During the tanning session, you continue to have access to subordinate functions. If you wish to make any changes to your choice, you can do so in the variable section of the interior control panel. By pressing one of the arrow buttons  , above or below the changeover symbol, all available functions will be displayed one after the other according to the rotation principle.

You can switch these individual functions on or off and, if possible, make changes to the settings.



Variable section of the interior control panel

Selectable function symbols for a fully equipped tanning device:



Prerequisite:

The functions must be available and activated in the service menu.



Air-conditioning

After the air-conditioning system has been switched off, it cannot be restarted for three minutes for safety reasons. If the system is switched on during this time, the command will be stored. The air-conditioning system will be switched on automatically after a delay, i.e. after the blocking time has elapsed. If the condensate canister is full, the following symbol flashes on the interior control panel display:



See also the chapter "Maintenance/Air-conditioning system".

aquaCool

An ongoing spraying process cannot be stopped. If the aquaCool supply is running low, a corresponding message is displayed in the standby mode. After the message has appeared for the first time, the aquaCool supply will last for approximately another 2.5 hours of operation. If the system has run out of aquaCool liquid, the aquaCool function is deactivated automatically, and the symbol shown below is displayed.



aquaCool is automatically re-activated as soon as a full canister has been connected.



beautyBooster

Aroma

megaVoice



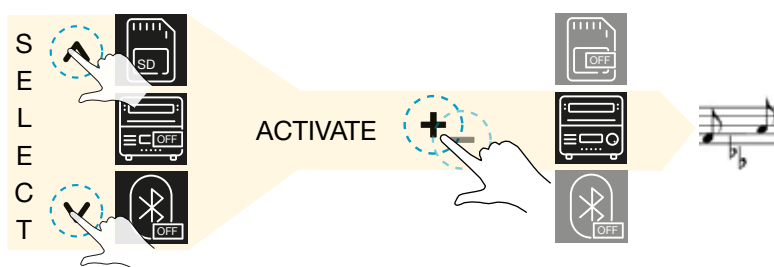
0



AUDIO FUNCTIONS

There is a maximum of three audio sources available at the user's disposal. If you change over to another source, you must **activate** it first. The **activation** is effected by pressing the **+** or the **-** button. All inactive audio functions are marked with "OFF" on the interior control panel so that you can easily recognise the active audio source.

MODEL: ACTIVATING AUDIO FUNCTIONS



Variable section of the interior control panel (audio functions)

<div data-bbox="151 725 778 779"> + Channel + </div> <div data-bbox="416 795 501 828"> <u>Studio</u> </div> <div data-bbox="426 833 501 907"> </div> <p>This function is used to play the studio music. If the Studio function has been activated, you can press the plus and minus buttons to browse through the channels, provided that more than one channel is available.</p> <div data-bbox="151 1243 778 1299"> - Channel - </div>	<div data-bbox="850 725 1481 779"> + Tracks + </div> <div data-bbox="1101 795 1230 828"> <u>Bluetooth</u> </div> <div data-bbox="1125 833 1201 907"> </div> <p>You can use this function to access a smartphone via Bluetooth. If "Bluetooth" active, you can switch between the individual tracks using the plus and minus buttons. The tracks can also be selected using the corresponding controls on the smartphone.</p> <div data-bbox="850 1243 1481 1299"> - Tracks - </div>
<div data-bbox="151 1366 778 1422"> + Tracks + </div> <div data-bbox="378 1444 539 1478"> <u>MP3 internal</u> </div> <div data-bbox="426 1482 501 1556"> </div> <p>This function is used to play the tracks of the internal MP3 player of the tanning device. If the MP3 internal function has been activated, press the plus and minus buttons to browse through the individual tracks.</p> <div data-bbox="151 1960 778 2022"> - Tracks - </div>	

9. Standby mode

Use standby mode to access service mode, test beautyBooster and run standby functions:

- turn on/off audio (music)
- turn on/off the decorative lighting of the tanning device
- test aquaCool system (1 spraying cycle)

9.1 Service mode



For service mode information, refer to the **ASSEMBLY INSTRUCTIONS & MENU SETTINGS** guide.

9.2 beautyBoosters in standby mode

In standby mode beautyBoosters operate as decorative lighting with minimum power. In order to test or demonstrate the three different levels, lighting can be selected and activated via the interior control panel. After 10 seconds beautyBoosters automatically switch back to the decorative lighting level.



9.3 Set decorative lighting

For information on selecting the lighting programs and setting options for the Matrix Lightshow System (dynamic light), refer to the „Assembly instructions & Menu settings“ documentation.

9.4 Standby functions

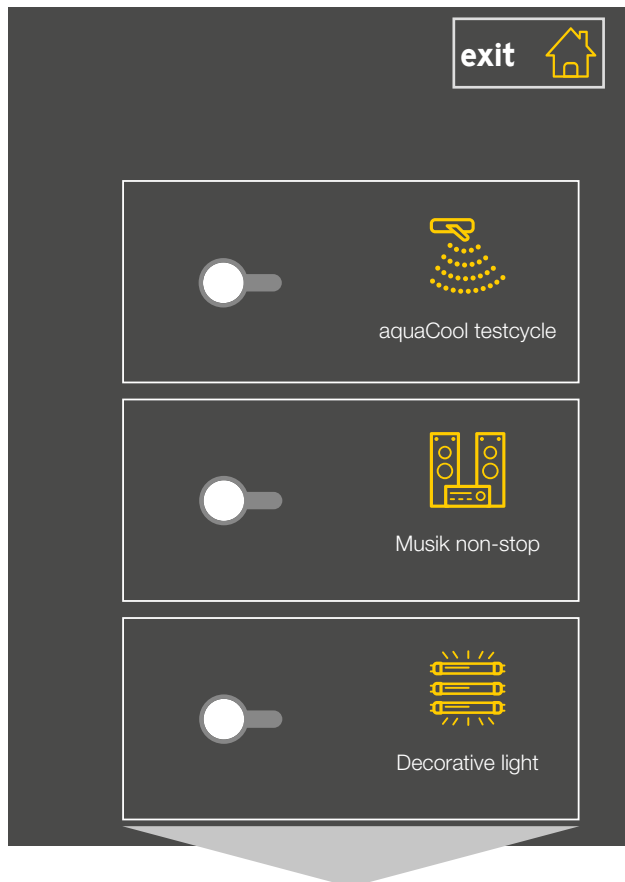


Press and hold the **logo** until the service menu start window appears.

- To access the service menu start window the external timer must be off.



Standby functions are located on the right side of the service menu start window.



STANDBY FUNCTIONS

Directly switchable:

- aquaCool testcycle
- Musik nonstop
- Decorative light



- The function *Music nonstop* must be activated in the service menu.
- The connection times of the decorative lighting can be set in the service menu individually for each day of the week. There are two independent connection periods (A and B) available for each day of the week.
- For further service mode information, refer to the *Assembly instructions & Menu settings* guide.

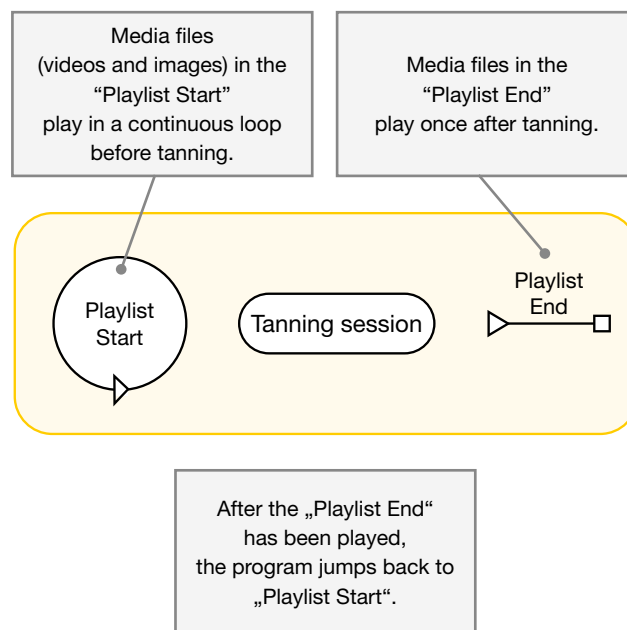
9.5 Video function

Videos and images can be displayed on the exterior control panel (touch screen) in standby mode.



Playlists

- Two different playlists (Playlist Start & Playlist End) are available for before and after the tanning session.
- The user can add videos or images to these playlists, delete them, or change their play sequence.
- Tap the touch screen to return to the menu at any time.



For further video function information, refer to the *Assembly instructions & Menu settings* guide.

10. Maintenance and cleaning

Regular maintenance as shown in chapter *Maintenance intervals* is required for the safe operation of the tanning device and must be documented.

- The current operating hours of the tanning device and its parts requiring maintenance, may be displayed in the service menu. Please refer to chapter "Service menu" in the assembly instructions.
- Cleaning and disinfection operations are carried out in accordance with the cleaning and disinfection plan.
- Maintenance work may only be carried out by qualified, trained and authorized service technicians.
- Do not reach behind covers and do not open the tanning device with the device switched on.



- Use OEM spare parts of the same type only! The use of other parts will void the manufacturer's warranty!
- In case of damage or injury proven to be the result of the use of non-genuine spare parts any liability is excluded.
- Replace UV-lamps only with the ones that are characterized on the tanning device. The use of other UV lamps will void the operating license!
- Only use original KBL ballasts for CPI-Energy tanning devices.

WARNING

Injuries and damage caused by improper or insufficient maintenance

Maintenance and care play a major role for the tanning devices performance and appearance over its useful life. Diligent compliance at the specified intervals is absolutely necessary to ensure the proper operation of your tanning device. Improper maintenance can cause the tanning device to be damaged or to become unusable. Always comply with the specified maintenance intervals. Refer to the following informations given in this chapter.




- Please note that the tanning device must be inspected regularly by an authorized KBL representative every 12 months from the date of the last inspection to maintain its proper condition.
- If the tanning device is in use for longer than 10 years, it must be completely overhauled by qualified, trained and authorized service technicians.
- If the tanning device has not been used for a longer period of time, then it must first be inspected by qualified, trained and authorized service technicians before being put back into operation.

MAINTENANCE DOCUMENTATION

- Establish an accurate record-keeping system for the maintenance reports.
- Ensure that all maintenance periods have been fully complied with and documented as described in chapter „Maintenance intervals“ in the operating instructions.

DISCONNECT MAINS VOLTAGE

	⚠ DANGER
	<p>Live parts</p> <p>Risk of death or fatal injury due to electric shock when touching live parts.</p> <ul style="list-style-type: none"> • Switch neutral • Secure against reconnection • Check for neutrality • Ground and short-circuit • Cover or shield any adjacent live parts or components

- Before carrying out any maintenance work, the tanning device must be disconnected from the mains voltage. That means that all live cables must be switched off. Switching off the tanning device alone is insufficient, as certain points may remain energized. Therefore, switch off fuses before performing any work and – if possible – remove them.

ADDITIONAL PROTECTIVE MEASURES

Accidental reactivation may result in serious accidents. After deenergizing, immediately secure all switches and fuses used for deenergizing against being switched on again.

- Unscrew circuit breakers.

Where circuit breakers cannot be unscrewed, a strip of adhesive tape can be applied over the actuation lever with the wording:

DANGER - DO NOT SWITCH

A sign with the text:

WORK IN PROGRESS


Place:

Sign may only be removed by:

must always and immediately be securely mounted.

- It is essential that you, the owner, and / or the studio operator check all components for signs of wear that can occur during normal use.
- After completing the work, refit all safety devices (e.g. switches).

SUNSPHERE SYSTEMS


	In the case of a defect, replacement can only be made by qualified and authorized service technicians. Contact your service partner.
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10.1 Instructions on cleaning, disinfection and care

GENERAL INSTRUCTIONS

Before starting to clean the tanning device, take off any rings, bracelets, watches, etc. that you might be wearing, in order to avoid scratching the surfaces of the tanning device.



	<ul style="list-style-type: none"> • Do not use concentrated disinfectant, solvent or alcoholic liquids. • Cleaning fluid and/or disinfectant must not run into the tanning device.
---	---



APPLICATION

These symbols have the following meaning.



Apply the cleaning agent on the chamois or cloth and not directly on the surface.



CLEANING AND DISINFECTION


	 WARNING
	<p>Risk of Infection. Risk of Infection by transferring through skin contact.</p> <ul style="list-style-type: none"> • After each tanning session the tanning device must be cleaned and disinfected with a cleaning and disinfectant agent. • Use only EPA registered quaternary ammonium germicidal based detergent solution (follow product label for use-dilution), such as Lucasol One Step, to clean and disinfect the tanning device and its components. • For thorough cleaning and disinfection, the product must be allowed to remain in contact with the surface being cleaned and disinfected for a specified amount of time. This specified amount of time depends on the cleaner/disinfectant which is used. Follow the directions for use of the cleaner/disinfectant. After this specified application time remove remaining cleaner/disinfectant from the surfaces of the tanning device. Use a single-pass paper towel. • If the device is determined not to be visually clean at the end of the cleaning step, the relevant previous cleaning steps must be repeated so that a visibly soiled device is not used again. Removal of residual soil ensures the effectiveness of the disinfection process and reduces the risk of infection to users of the device.


ADDITIONAL CLEANING ACTIVITIES

	 WARNING
	<p>These cleaning works must be carried out by qualified, trained and authorized service technicians.</p>

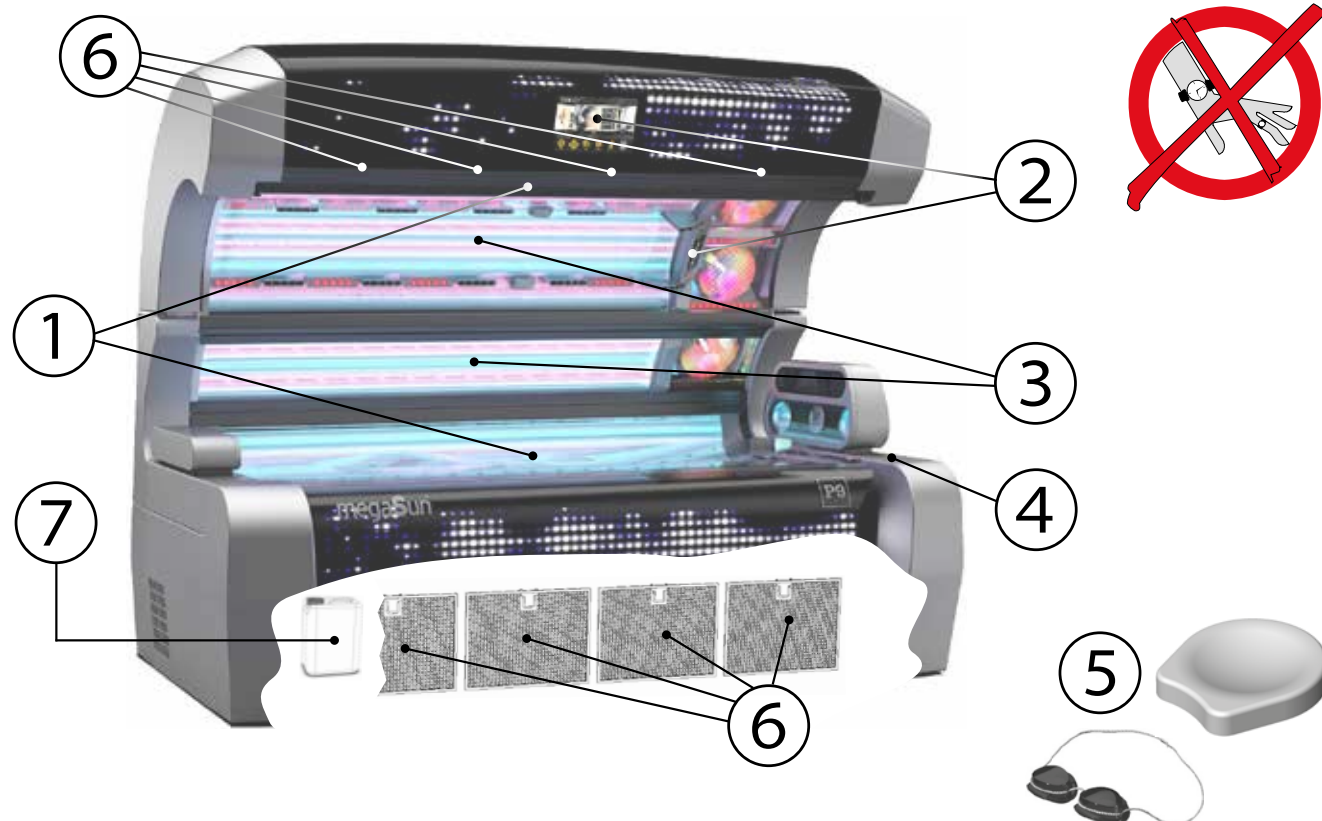
Every 6 months









Make sure that the inside and outside of the tanning device is cleaned and free from dust, fluff or objects.

	<p>Inadequate cleaning leads to overheating. As a result, this can lead to damage the tanning device!</p>
---	---

	<p>Signs of electrical overstress</p> <p>Check the cables and connections on signs of electrical overstress.</p>
	<ul style="list-style-type: none"> • Discoloration • Deformations • Melting • Blisters on the housing
	<p>The affected components shall be replaced immediately! Use only OEM spare parts.</p>

CLEANING AND DISINFECTION PLAN




	Part	Application	Cleaning and disinfection activities	Interval
①	Bench pane & handles	Directly on the surface	Clean these parts with single-pass paper towels. Use only EPA registered quaternary ammonium germicidal based detergent solution (follow product label for use-dilution), such as Lucasol One Step, to clean and disinfect the tanning device and its components.	After each session
②	Control panels	 		
③	Canopy pane and side pane	Directly on the surface	For thorough cleaning and disinfection, the product must be allowed to remain in contact with the surface being cleaned and disinfected for a specified amount of time. This specified amount of time depends on the cleaner/ disinfectant which is used. Follow the directions for use of the cleaner/disinfectant. After this specified application time remove remaining cleaner/disinfectant from the surfaces of the tanning device.	
④	Smartphone placement area	 		
⑤	Protective goggle and neck pillow	 		
⑥	Air Filter inserts	-	Remove the inserts and rinse out under running water.	100 operating hours
⑦	Condensate canister	-	Empty the condensate canister if a corresponding message is displayed at the interior control panel.	-
	Tubes	 	Remove tubes and clean them with a damp chamois.	200 operating hours
	UV filter panes, facial- and shoulder tanner as well as beautyBoosters		Clean them with a damp chamois.	
	Chromed parts	-	Clean with a damp chamois and a cleaning agent for acrylic plastic (antistatic).	When required
	Plastic surfaces and varnished surfaces	-	Clean with a damp soapy cloth. Never clean with a dry cloth!	When required

10.2 Maintenance intervals

MAINTENANCE PLAN

Component	500 h / 6 months	1500 h / 1 Year	2000 h / 1 Year	10000 h / 4 Years	10000 h / 10 Years	Activity
Acrylic pane (bed)	X					Inspect and replace as necessary
		X				Replace
Acrylic panes (others)	X					Inspect and replace as necessary
			X			Replace
Springs of the canopy drive			X			Inspect and replace as necessary
				X		Replace
Chassis and associated fasteners			X			Inspect and replace as necessary
					X	Replace
Wiring and associated plugs / terminal connections			X			Inspect and replace as necessary
					X	Replace
Contactors		X				Inspect and replace as necessary
					X	Replace
UV-Filter (P9) Facial tanners & Shoulder tanners			X			Inspect and replace as necessary
				X		Replace









Component	After approx. 200 operating hours	After approx. 1000 operating hours	After approx. 1100 operating hours	Activity
Tubes cpi			X	Replace
aquaCool nozzles	X			Inspect and replace as necessary
		X		Replace

Component	After approx. 500 operating hours	After approx. 3000 operating hours	Activity
Tubes Facial area 	X		Replace
Facial tanners (P9)	X		Replace
Shoulder tanners (P9)	X		Replace
Air hoses	X		Inspect and replace as necessary
Air-conditioning unit	X		Clean the heat exchangers and check the condensate pump.
Ropes of the canopy drive	X		Inspect and replace as necessary
		X	Replace
aquaCool canister	Replace as soon as the corresponding message appears on the interior control panel. Replace if expired.		
Aroma tin			

Additional or recurring inspections

Every 6 months cleaning service	Make sure that the inside and outside of the tanning device is cleaned and free from dust, fluff or objects. See chapter -> Additional cleaning activities.
Every 12 months inspection	Please note that the tanning device must be inspected regularly by a KBL authorized representative every 12 months (from date of installation) to maintain its proper condition!.
10 Years inspection	If the tanning device is in use for longer than 10 years / 10000h, it must be completely overhauled by qualified, trained and authorized service technicians.
On start up	If the tanning device has not been used for a longer period of time, then it must first be inspected by qualified, trained and authorized service technicians before being put back into operation.
Protective pane-switch (P9) - Filter panes	Test the switches with each removing of filter panes.

10.3 Tools and aids




4 	Hexagon socket screwdriver (SW 4 / 60 mm)
 PH2	2x Standard Phillips screwdriver (PH2)
4 	Hexagon socket spanner SW 4
 19	Pipe wrench SW 19
	2x Open-ended spanner SW 13
	Tape rule or folding rule
	Finally acknowledge a process by pressing the Start button (interior control panel).
	Number of qualified, trained and authorized service technician required for this maintenance task.

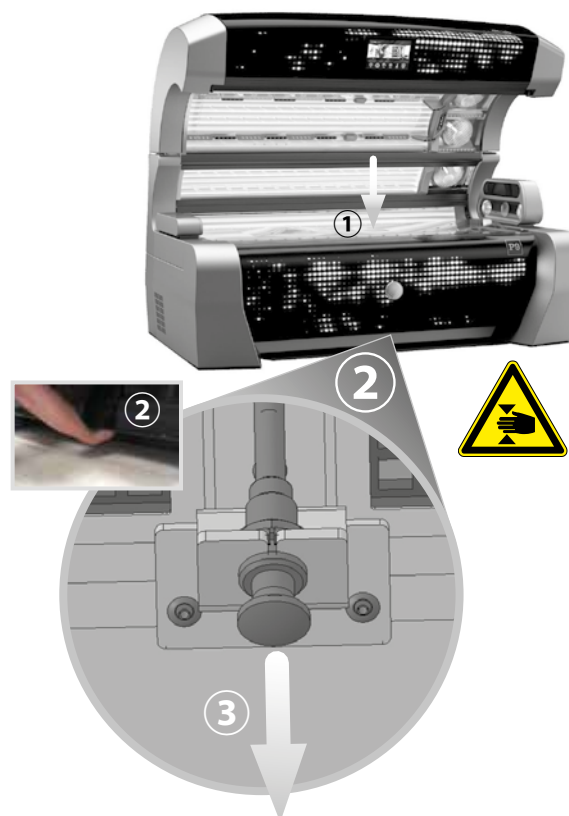
The following chapters describe the work steps required for carrying out maintenance and care actions.

At the beginning of each chapter, the required tools and aids are depicted.

- The assembly is basically carried out in reverse order of the disassembly. Exceptions are especially pointed out.
- If you open the bed part or one of the acrylic panes, you must, after closing, acknowledge a warning message appearing on the interior control panel.

10.4 Unlocking the bed

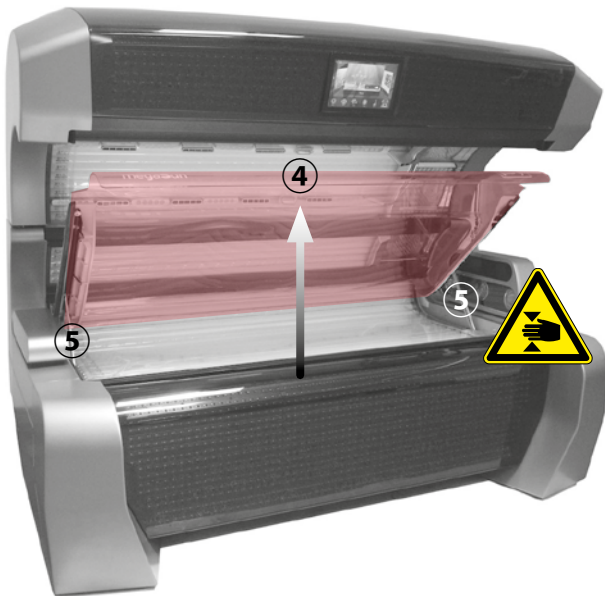
				
	Attention! The bed must only be opened with bed pane folded down.			



⇒	Fold up the canopy.
①	Press the bed slightly downwards and keep it pressed.
②	Reach into the lower gap positioned in the middle of the front panel.
③	Drag release button.
⇒	Tilt up the bed.

10.5 Acrylic panes

TILTING UP THE BED PANE



- ④ Hold the bed pane in the middle of the front edge and lift it.
- ⑤ Lock it in place using the lateral support plates.

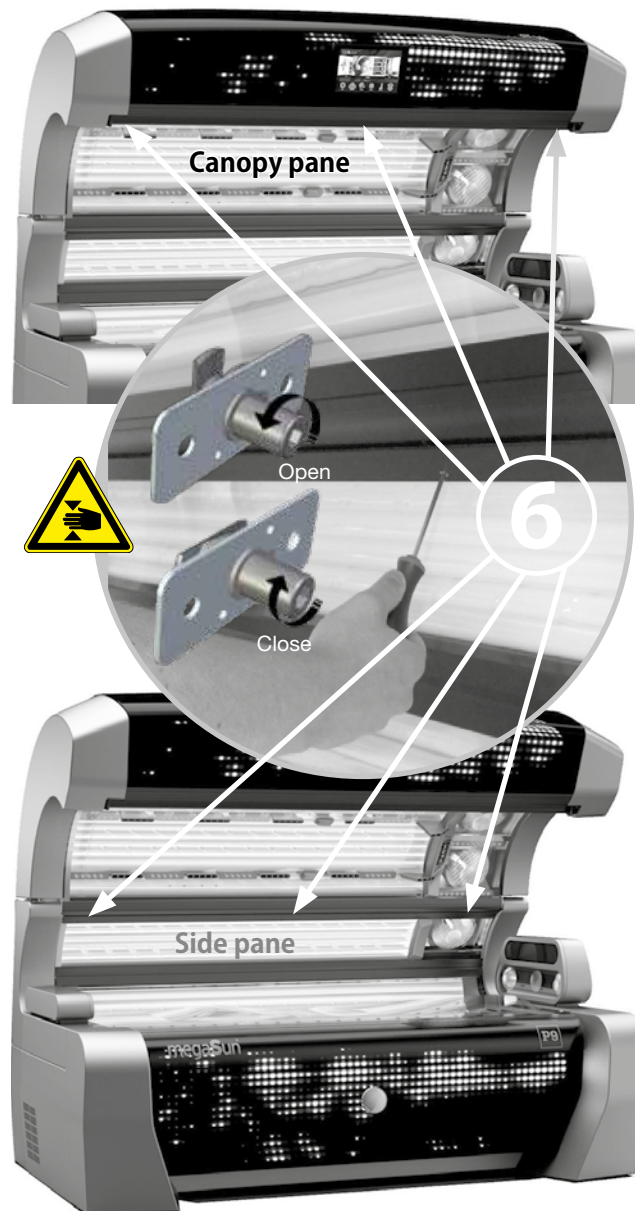
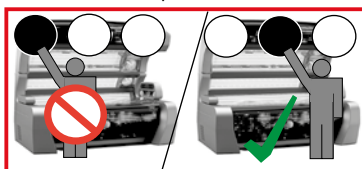
TILTING DOWN THE CANOPY PANE / SIDE PANE



Attention

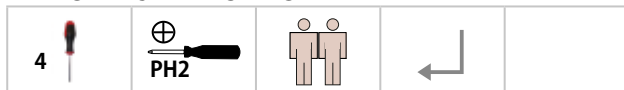
Prevent the pane from falling down when opening it!

- Open the middle pane lock at last.

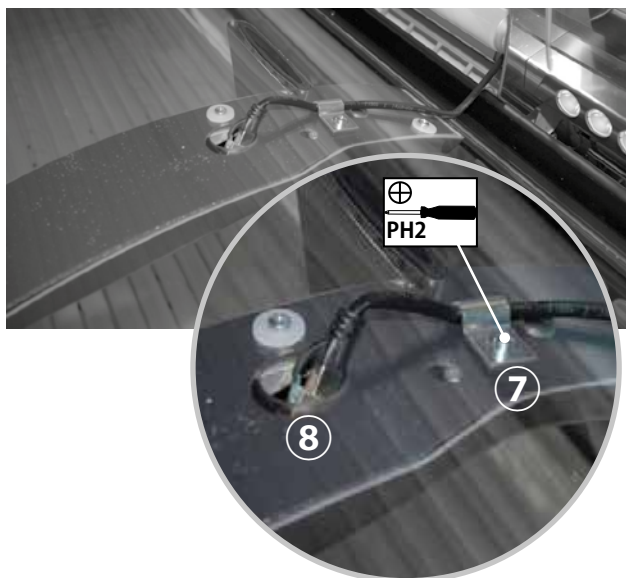


- ⑥ Open the 3 locking spigots by using the hexagon socket screwdriver supplied by KBL. **Observe the order!**
- ⇒ Tilt the pane down.

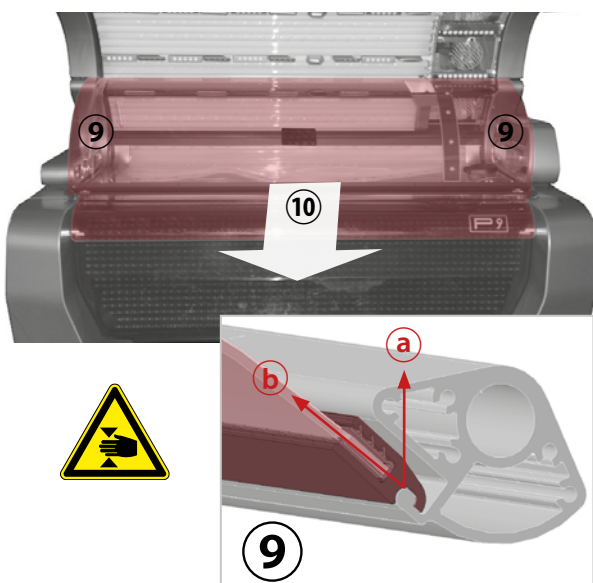
REMOVING THE CANOPY PANE



It is not usually necessary to remove the canopy pane for maintenance and cleaning operations. Should you prefer to work with the canopy pane removed, though, please proceed as follows:



⇒	Tilt the canopy pane down.
⑦	Remove the strain relief of the interior control panel patch cable (Phillips screw M4).
⑧	Detach the patch cable.



⑨	Call in a second person and hold the pane at the two ends. Then slightly lift the pane (a) and remove it from the rear holding section (b).
⑩	Carefully pull the pane towards the front and out of the tanning area.
⇒	Deposit the pane in a safe place.


ASSEMBLY NOTE

i	After closing the canopy pane, check air nozzle positions and, if necessary, correct them.
---	--

10.6 Filter panes



⚠ DANGER

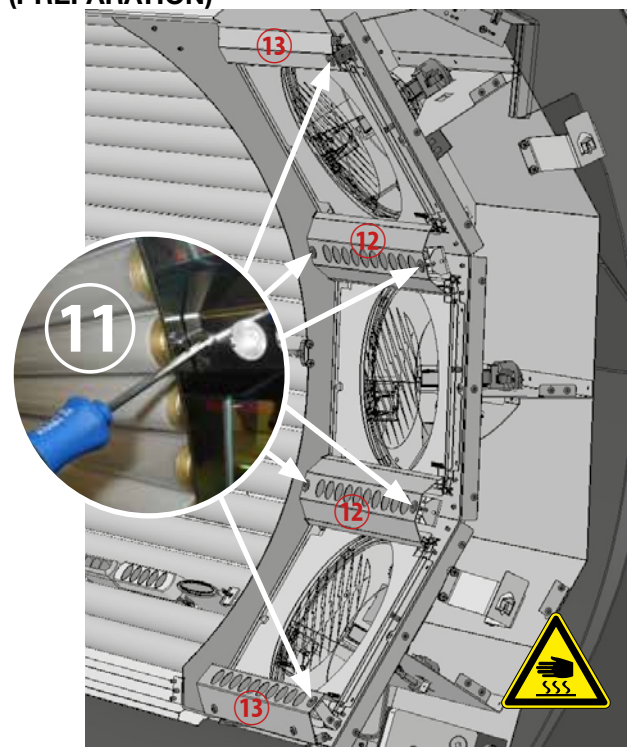


Excessive UV radiation

Operating the tanning device with defective filter panes can result in serious injury to skin and eyes.

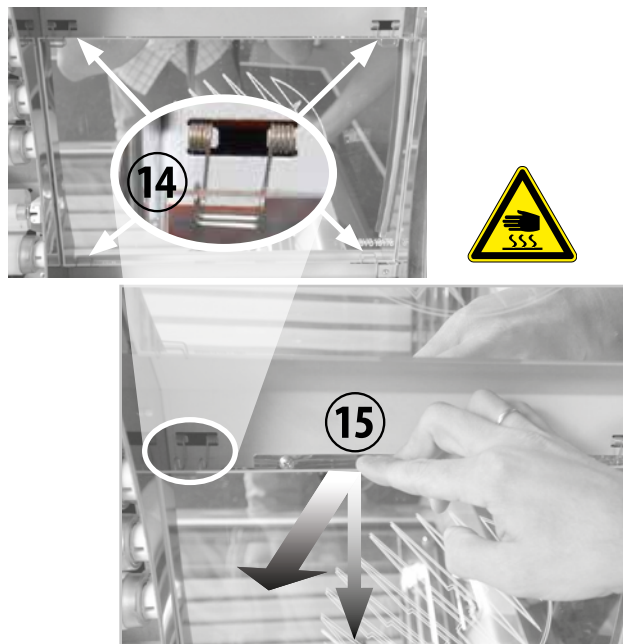
- Never operate the tanning device if the filter pane is not present or defective.
- Carry out regular visual inspections.
- Replace filter panes only with ones of the same type.
- Have the filter panes installed only by qualified, trained and authorized service technicians.

REMOVING THE FILTER PANES - P9 (PREPARATION)



⇒	Tilt the canopy pane down.
⇒	Tilt the side pane down.
⑪	Undo the screws of the mirror panels (6 x M5).
⑫	Remove the central panels.
⑬	Tilt up the outer panels.

REMOVING THE FILTER PANES - P9



⑭	The pane is fixed with two clamps each on the two longitudinal edges.
⑮	Remove the pane from the spring retainer. To do so, press the pane to be exchanged slightly against a pair of clamps and, while keeping it slightly pressed, tilt it out of the holder on the relieved side.


The filter pane of the side part is replaced analogously to the procedure described for the canopy.

SAFETY FUNCTION

The facial tanners are equipped with an additional safety function. There is a protective pane-switch behind each filter pane. This switch turns off the tanner if the filter pane is missing or broken.

TESTING THE PROTECTIVE PANE-SWITCHES P9

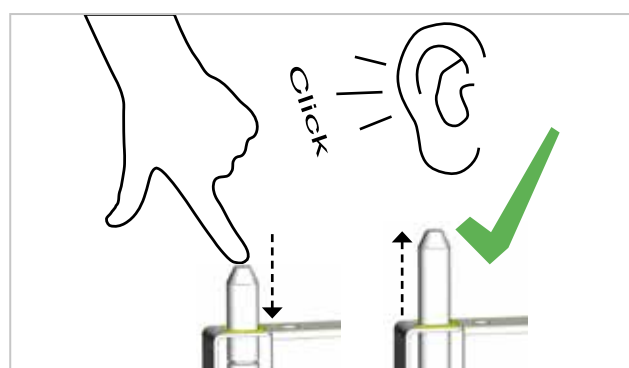
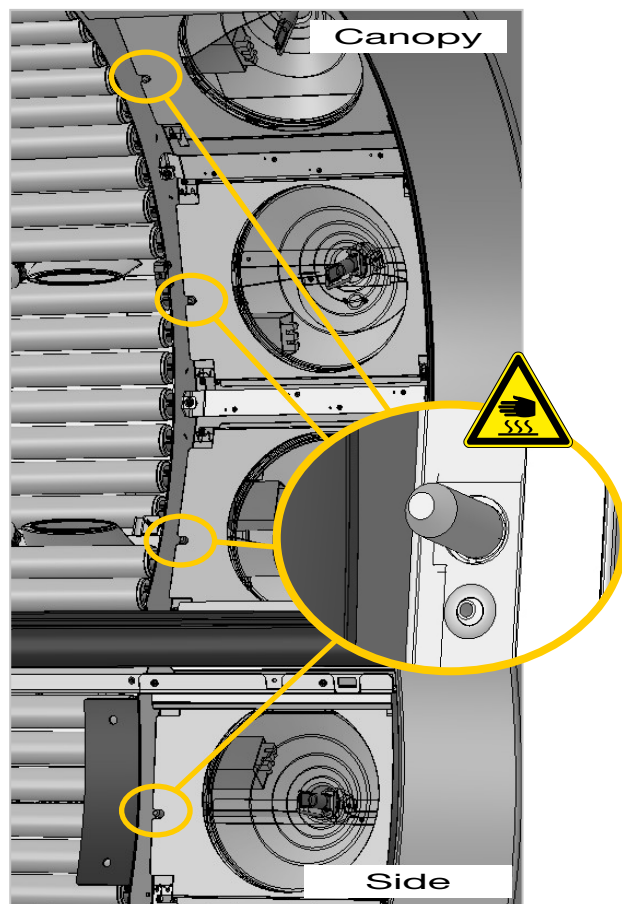
⚠ DANGER



Excessive UV radiation

Operating the tanning device with defective filter panes can result in serious injury to skin and eyes.


- Test the protective pane-switches with each removing of the filter panes.



Press the switch. When a clicking sound is heard, and the switch automatically return, the system is functional.


10.7 Tubes





- When installing the tubes, make sure that the tube inscription is visible. If it is installed in a different position, there will be no tanning effect.
- After new tubes have been installed, the operating hours of the tubes must be reset in the service menu.

⚠ WARNING

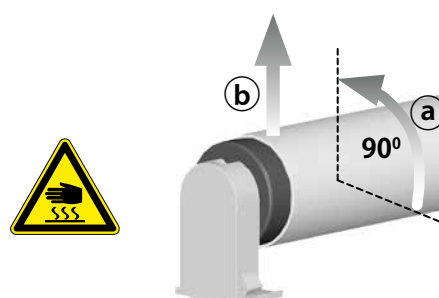


Injuries and damage due to improper maintenance

The share of harmful UVB radiation may increase when the maintenance intervals for the UV lamps are exceeded or incompatible UV lamps are installed. As a result sunburn and other skin damage may occur.

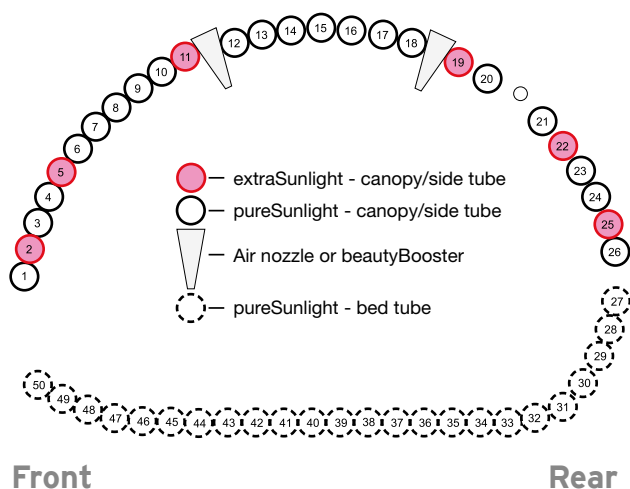
- Always comply with the specified maintenance intervals, see chapter maintenance intervals / maintenance plan.
- Follow the cleaning / disinfection instructions.

REMOVING TUBE

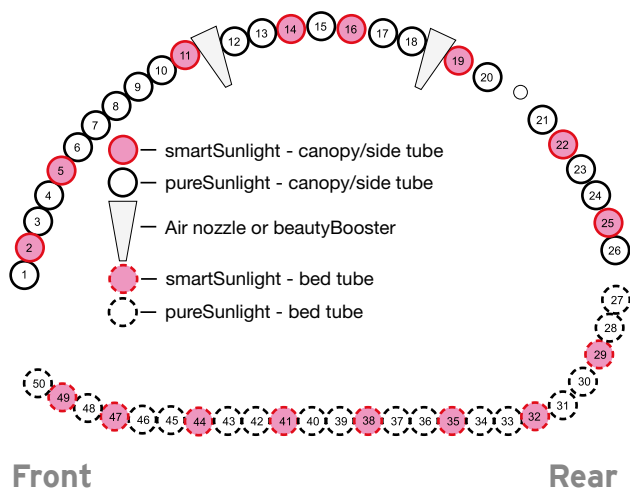


TUBE ARRANGEMENT

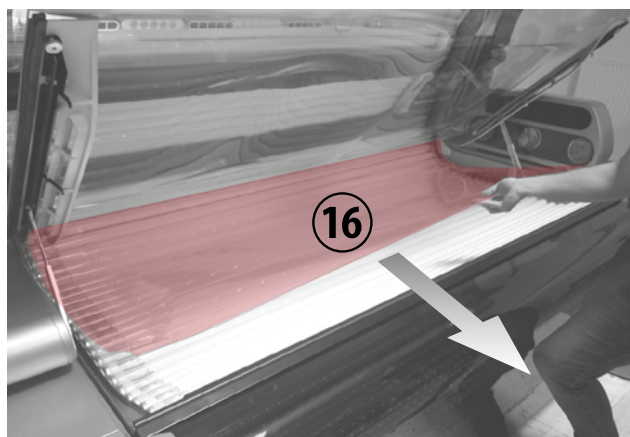
EXTRASUN DEVICES



HYBRIDSUN DEVICES



TUBE REPLACEMENT IN THE BED PART



⇒ Open the bed pane.

①⑥ If the tanning device is equipped with an air-conditioning unit, remove the ducting pane.

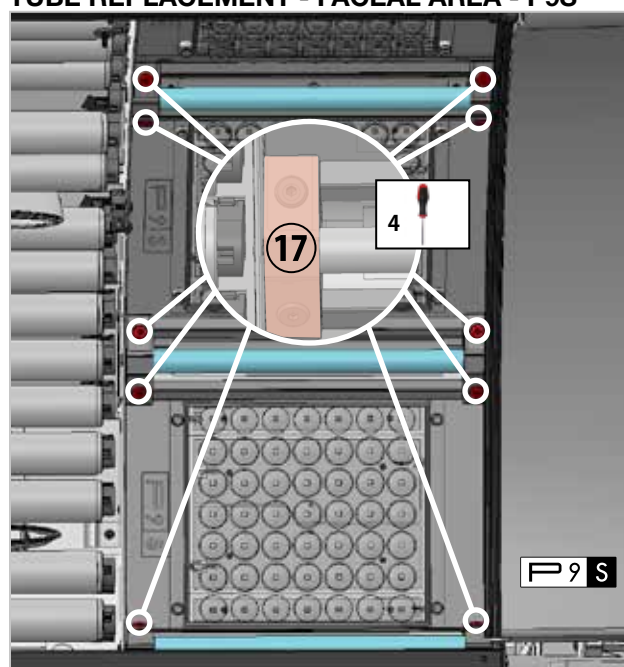
⇒ Remove the tubes.

TUBE REPLACEMENT CANOPY / SIDE PART

⇒ Tilt the canopy and / or side pane down.

⇒ Remove the tubes.

TUBE REPLACEMENT - FACEAL AREA - P9S



⇒ Fold down the canopy pane.

①⑦ Unscrew the 6 side covers.

⇒ Remove the tubes.

10.9 Facial tanners



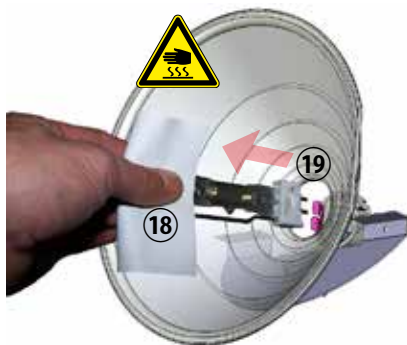
REPLACING THE HIGH-PRESSURE LAMP - P9

Dirt accumulation and bad seating can lead to damage during the operation.

- Make sure that tanners and high-pressure lamps are correctly positioned in their respective holders. Make sure that the contact surfaces are clean when you insert the lamp.
- Insert the high-pressure lamps straight into their holders.
- Never touch the lamp or the reflector with your bare hands. If necessary, remove grease and dirt with an alcohol-containing agent.

Attention

The high-pressure lamps must only be installed and removed by **trained and authorized service technicians**.



⇒	Tilt the canopy and / or side pane down.
⇒	Remove the filter panes.
⑱	Grasp the high-pressure lamp by the upper end. Use a clean cloth free from grease.
⑲	Carefully pull the high-pressure lamp out of the socket.

ASSEMBLY NOTE

The contacts of the high-pressure lamp have different diameters -> Install in the correct orientation!



10.10 Shoulder tanner



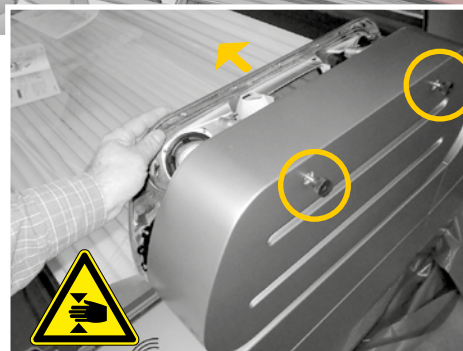
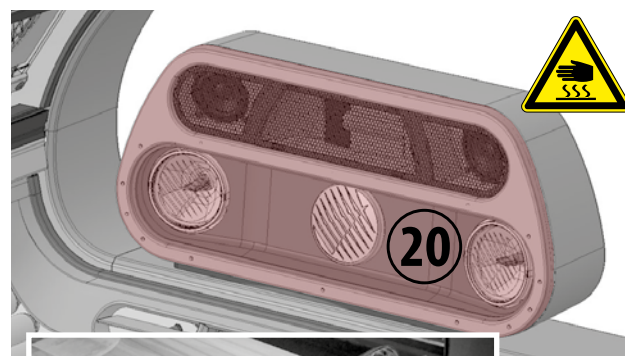
REMOVING THE HIGH-PRESSURE LAMP - P9

Attention

The high-pressure lamps must only be installed and removed by **qualified and authorized service technicians**.

Dirt accumulation and bad seating can lead to damage during the operation.

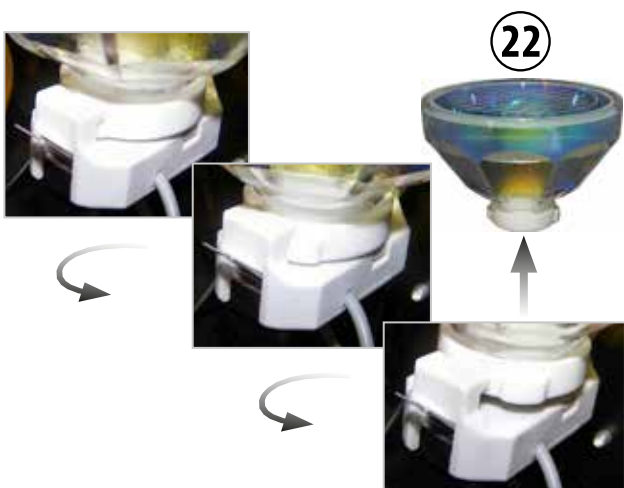
- Make sure that tanners and high-pressure lamps are correctly positioned in their respective holders. Make sure that the contact surfaces are clean when you insert the lamp.
- Never touch the lamp or the reflector with your bare hands. Use a clean, non-greasy cloth. If necessary, remove grease and dirt with an alcohol-containing agent.



⑳	Loosen the front panel. Unscrew the knurled screws on the back by 15mm.
⇒	Tilt the front panel forward.



- | | |
|----|---|
| 21 | Disconnect speaker connections. |
| ⇒ | Lift the front panel out of the lower brackets and place it securely. |



- | | |
|----|---|
| 22 | Turn the tanner (approx. 45°) to loosen it from its holder. Then pull it off carefully. |
|----|---|



24 Spring washer

25 Centring lug

- | | |
|----|--|
| 23 | Pull the high-pressure lamp carefully out of its holder. Use a clean and grease-free cloth. |
| 24 | Replace the spring washer. |

INSTALLATION NOTE

Installation is made in reverse order. Make sure that the high-pressure lamp is correctly positioned 25!

10.11 Interior unit lighting



The tanning device is illuminated by high-performance LEDs. In the case of a defect, replacement can only be made by qualified and authorized service technicians. Contact your service partner in this case.

BEAUTY BOOSTER

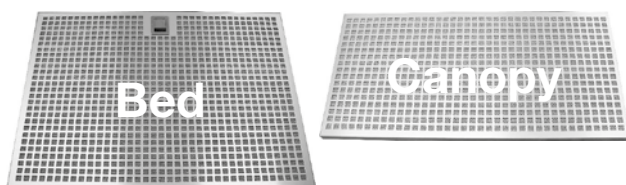


In the case of a defect, replacement can only be made by qualified and authorized service technicians. Contact your service partner.

10.12 Filter cartridges



The cooling air for canopy and bed is filtered. Your tanning device is equipped with filter cartridges and continuous-service filter inserts. Therefore, purchase and replacement of conventional filter pads are not required. Clean the filter inserts after approx. 100 hours of operation, depending on the local circumstances. Vacuum the filter inserts or use a dishwasher.

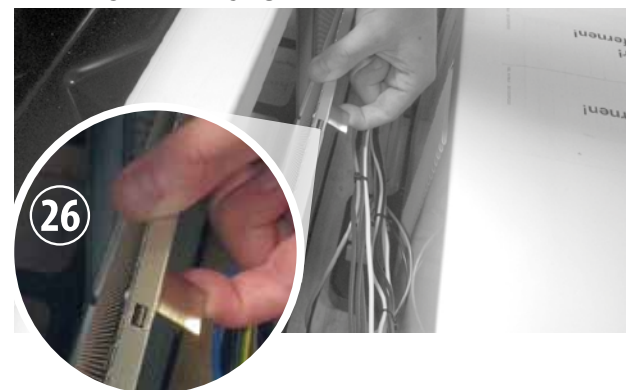


There are four filter cartridges each in the canopy and in the bed part.

NOTE

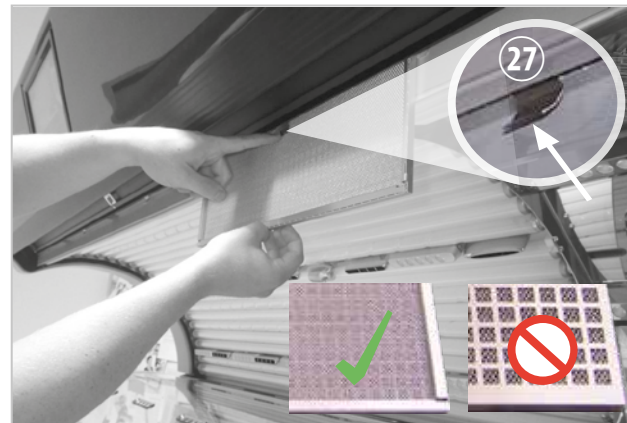
Take the opportunity and check and clean the heat exchangers of the air-conditioning unit (See also the chapter "Maintenance/Ventilation and air-conditioning"). Soiled heat exchangers substantially reduce the performance of the air-conditioner.


FILTER CARTRIDGES IN THE BED PART



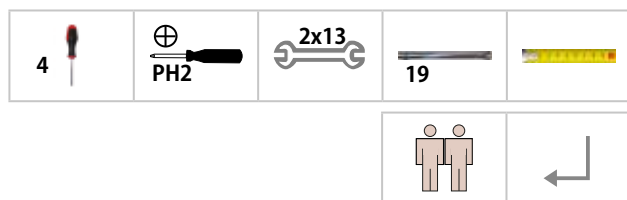
⇒	Open the bed part.
②6	Open the lock of the filter insert.
⇒	Remove the filter insert.

FILTER CARTRIDGES IN THE CANOPY PART



⇒	Fold down the canopy pane.
②7	Open the lock of the filter insert.
⇒	Remove the filter insert.
	When installing the insert, make sure that the honeycomb grill is directed towards the inside.

10.13 Canopy drive



A lack of maintenance can lead to malfunctions and damage to the canopy drive.

- In order to guarantee a trouble-free operation of the drive the intervals set in Chapter *Maintenance Intervals* must be observed.



Attention

The canopy drive must only be maintained qualified and authorized service technicians.

SERVICING THE CANOPY DRIVE (PREPARATION)



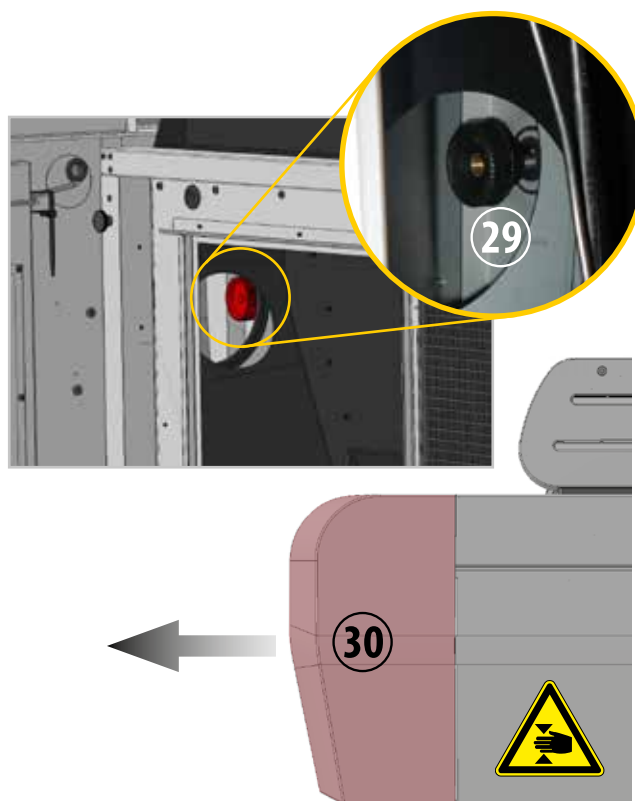
Open the bed part.

(28)

Disconnect the cable connection "V4" of the audio system (only on right-hand side).



The activities described below must be carried out on both sides of the tanning device.



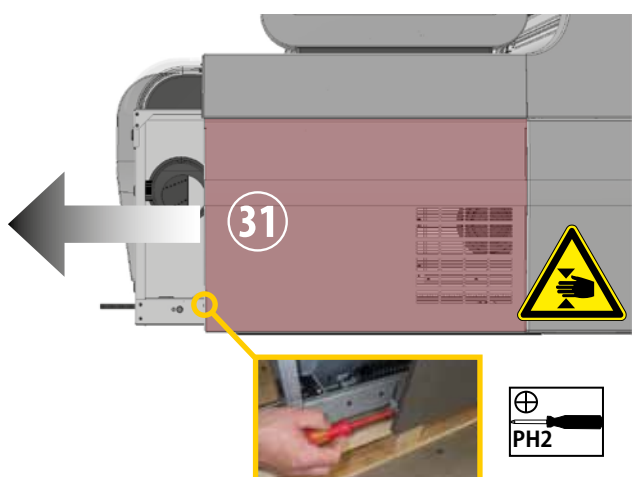
Remove the two outer filter inserts in the front panel.

(29)

Reach through the service opening and unscrew the knurled nut.

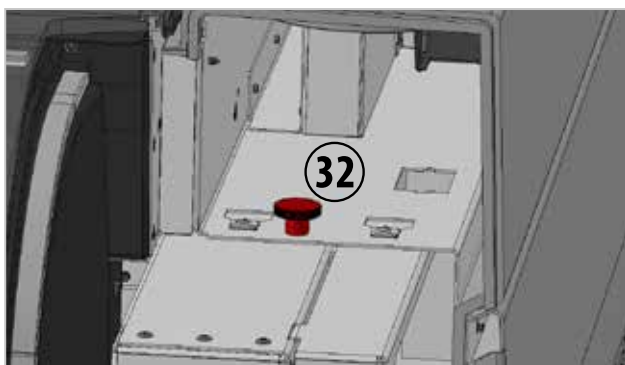
(30)

Remove the foot panels by pulling them forward.



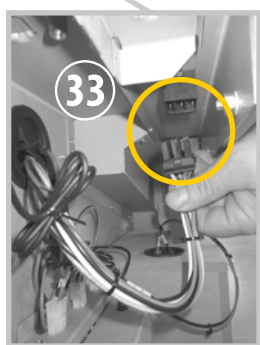
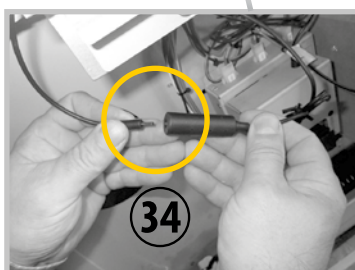
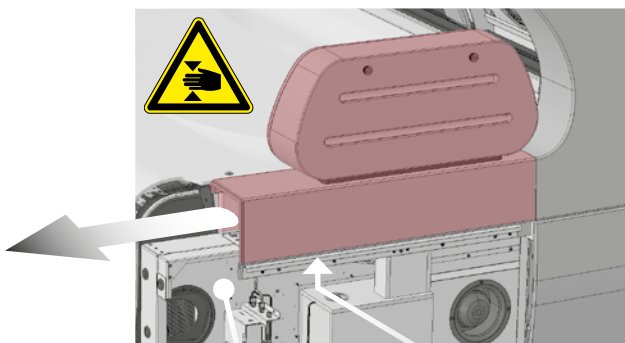
(31)

Solve the front locking screw at the bottom spacer and remove the side panel -> pull forward.



32

Remove the knurled screw of the shoulder tanner or the shoulder part. -> 1x M6



33

Disconnect the plug-in connector „X24“ under the shoulder tanner.

34

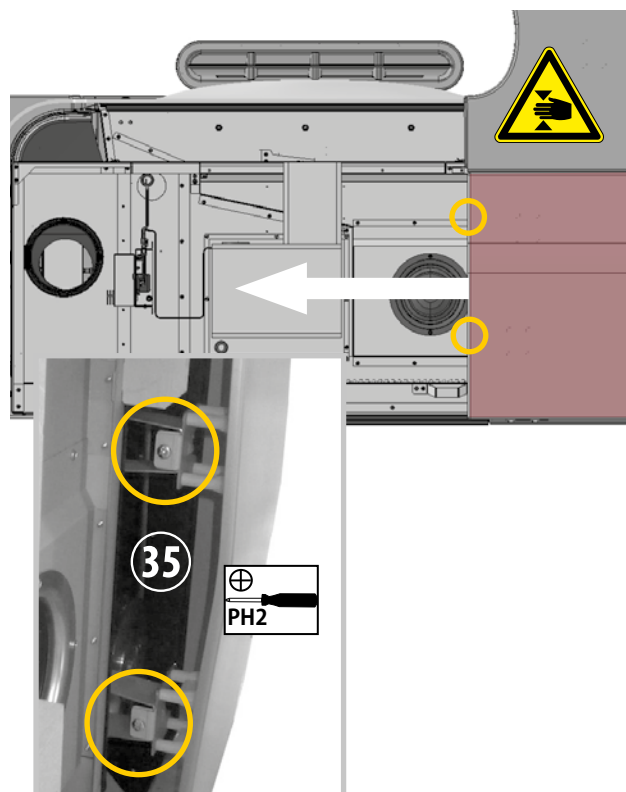
Disconnect the wireless charger connection (only on right-hand side).

=>

Remove the shoulder tanner or the shoulder part by pulling them forward.

=>

Close the bed.



35

Remove the screws of the lower cover. -> 2 x M6

=>

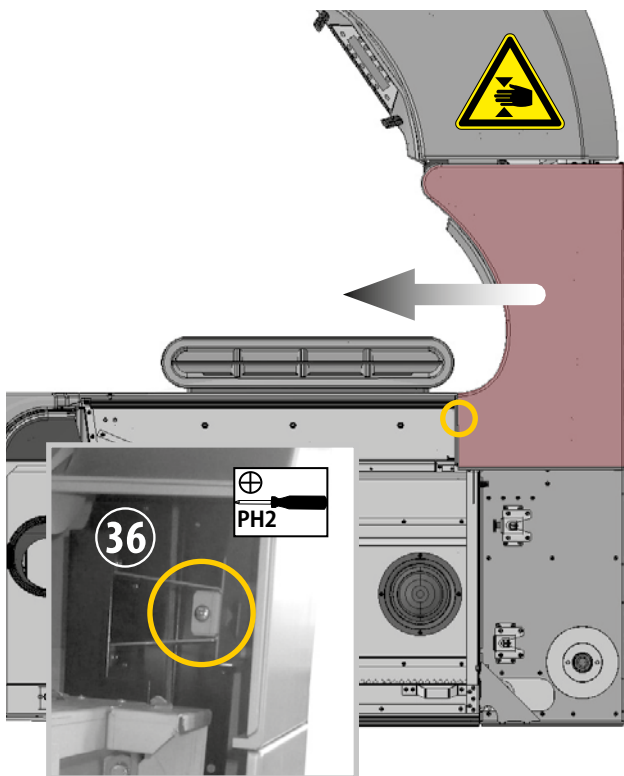
Slide the lower cover out by pulling them forward.

INSTALLATION NOTE



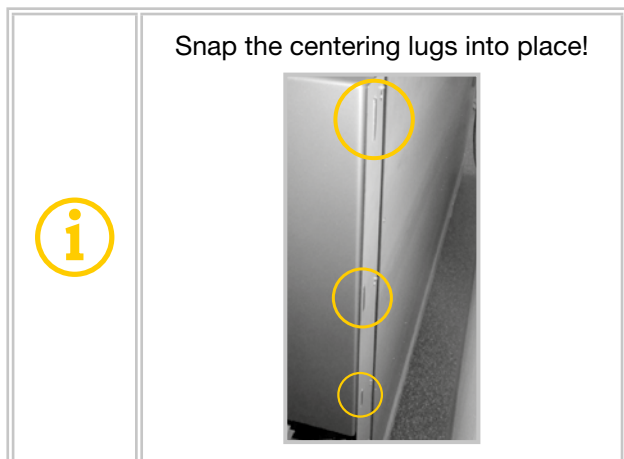
Snap the centering lugs into place!



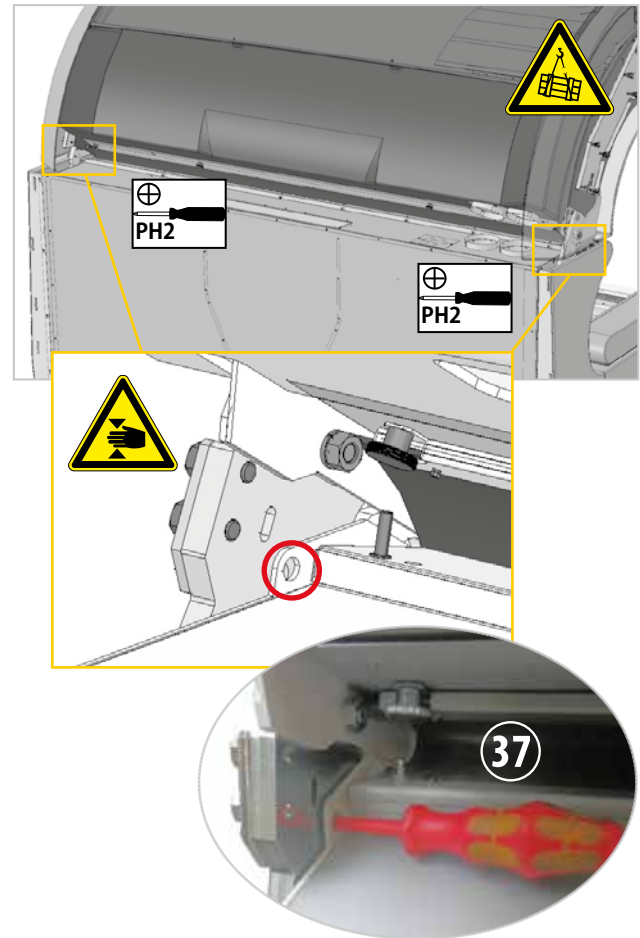



- | | |
|----|---|
| 36 | Remove the screw of the hinge cap.
-> 1 x M6 |
| ⇒ | Remove the hinge cap by pulling them forward. |


INSTALLATION NOTE



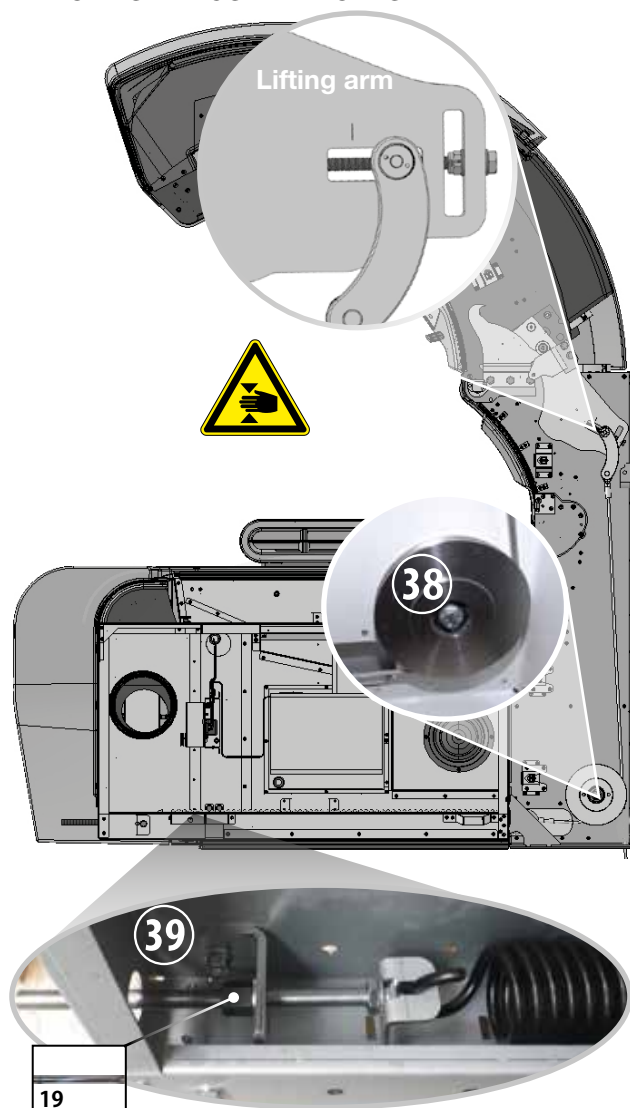
SERVICING THE CANOPY DRIVE



- | | |
|---|---|
|  | <p>Open the canopy and secure it against falling down. When the canopy is open, insert a bolt (for example, a screwdriver) into the aligned holes of the lifting arm and the side wall on both sides.</p> |
|---|---|

- | | |
|---|---|
|  | <p>Optionally, the canopy can be secured with a mechanical support.</p> |
|---|---|

REMOVE SPRINGS AND ROPES



19

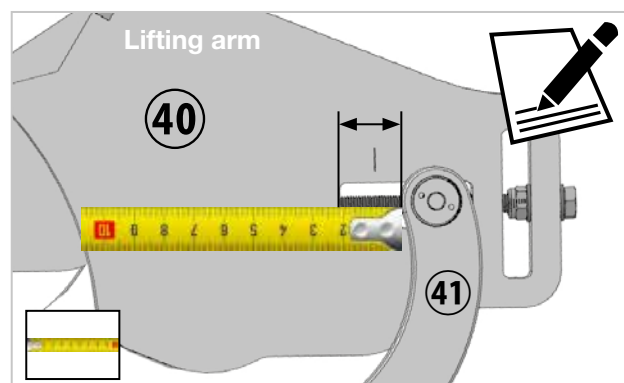
③⑨ Slack the springs using a pipe wrench SW19.

⇒ Remove both springs.

③⑦ Slightly lift the canopy, remove both securing bolts and carefully close the canopy.



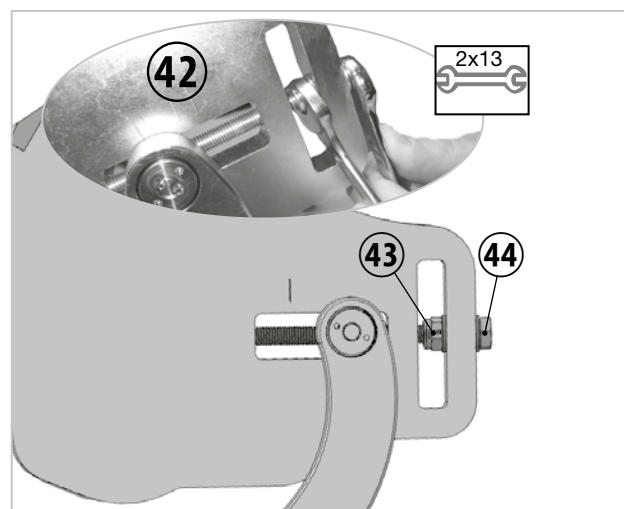
Cantilever beam and rope may only be replaced together.



④⑩ Determine the position of the cantilever beam ④①, measure and write it down.



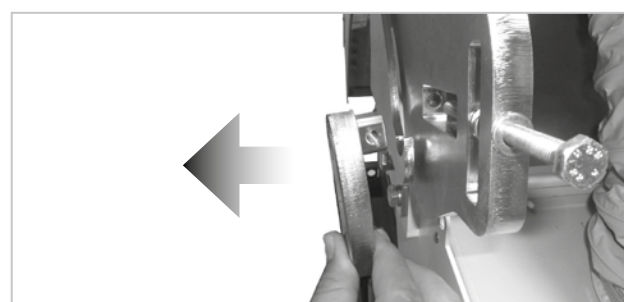
The position of the cantilever beams must be the same on both sides!



④②

Unscrew the lock nut ④③ of the adjusting screw ④④ with a few turns, hold it with an open-ended spanner and unscrew the adjusting screw completely.

Caution: Cantilever beam and rope may fall.




⇒


Remove cantilever beam and rope.

ROPES - INSPECTION AND MAINTENANCE

⇒	Check the ropes of the canopy drive. Should individual wires be frayed, replace the rope immediately.
③⑧	Grease the rope in the area of the return pulley with copper crease or adhesive lubricant HHS-2000 (KBL 1200024000).

SPRINGS - INSPECTION

	Do a visual inspection.
	Look for damage in the area around the hook eyes of the canopy springs.




INSTALL SPRINGS AND ROPES

④②	Install rope with cantilever beam and adjust to the measured value ④①. Caution: lock adjusting screw ④④. Repeat on the other side.
③⑦	Lift the canopy and secure with the two securing bolts.
⇒	Install both springs.
③⑨	Preload springs one after the other on both sides with a pipe wrench SW19.



④⑤	Set both springs to the position given according to factory settings (sticker, device feet).
③⑦	Remove both securing bolts.

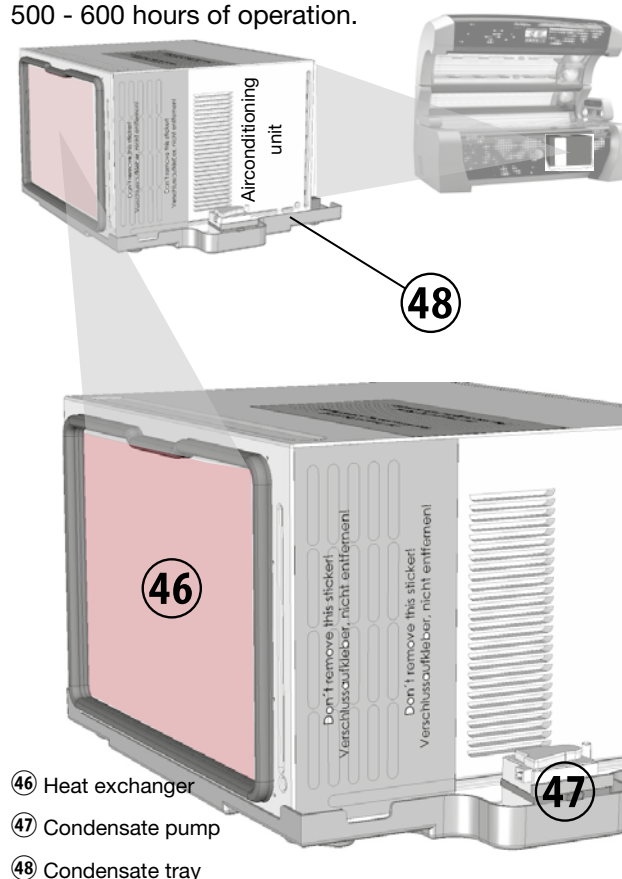
FINE ADJUSTMENT OF THE CANOPY DRIVE


⇒	Test the canopy drive unit. The canopy should stop in all positions. If this is not the case, the tension of the springs must be adjusted evenly on both sides.
	The fine adjustment of the canopy drive may only be made on the springs!

10.14 Ventilation and air-conditioning



In order to preserve the performance of the air-conditioning unit, clean the heat exchangers after 500 - 600 hours of operation.



⇒	Open the bed part.
④⑥	Clean the heat exchanger.
	Vacuum it carefully, paying attention not to damage the fins.

SERVICING THE VENTILATION SYSTEM

⇒	Check all hose connections.
⇒	Remove any kinks in the air hoses. Replace defective hoses immediately.

	The exhaust air hose must not exceed a maximum length of 6 m if there is no auxiliary fan installed.
--	--

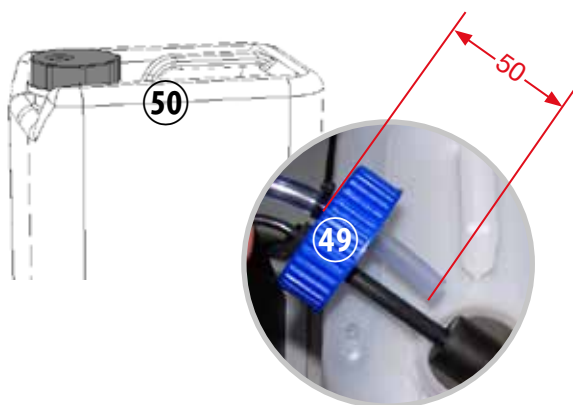
CHECKING THE CONDENSATE PUMP

The condensate pump ④⑥ pumps away the condensation water at timer-controlled intervals. Check the function of this pump with each tube replacement.

⇒	Fill some water into the condensate tray ④⑦. Use a hose and a funnel to do so.
	Make sure that the water does not spill over.
⇒	Start a tanning session and then wait for 20 minutes.
⇒	The filling level of the tray must then be below the pump level.

EMPTYING THE CONDENSATE CANISTER

The condensate pump transports the condensation water into a canister via a hose. Once this condensate canister is full, a corresponding message is displayed. The air-conditioning symbol flashes (check), and the air-conditioning unit switches off shortly afterwards.



④⑨	Unscrew the closing lid of the condensate canister.
⑤①	Empty the condensate canister.
	When closing, make sure that the condensate hose is inserted a max. of 50 mm into the canister.
⇒	Finally, acknowledge the aircon message on the interior control panel (START).

10.15 Recording to an SD card



REMOVING THE SD CARD

The SD card slot which contains the storage medium with the MP3 data from the internal MP3 player is located at the control box in the bed part of the tanning device.



Supported card sizes as well as file system and MP3 formats can be found in Chap. „*Technical data*“ in the „*operating instructions*“.

The SD card must not be formatted, the Voice folder and its contents must not be changed or deleted. Outside of this folder you can add or delete audio files as you desire. These audio tracks are played if the corresponding source has been selected. The number of files is limited by the storage capacity of the SD card.

RECORDING TO THE SD CARD



Attention!

- Do not modify or delete the VOICE folder or the data it contains.



Insert the card into the computer and wait for it to be recognised.



Copy files to SD card, or delete files from it.

10.16 Aroma and aquaCool



WARNING



Risk of infections

- Function of nozzles impaired.

Do not use any agents other than aquaCool and Aroma gel supplied by KBL.

REPLACING THE AQUACOOOL CANISTER

- If the fluid level drops to a minimum, corresponding messages are displayed at the internal control panel.
- If the canister is used up, another message appears and aquaCool switches off.



Due to the system a residual amount remains in the canister.



Open the bed part.



Unscrew the lid.



Keep the hose end including the lid in a clean plastic bag while replacing the canister.



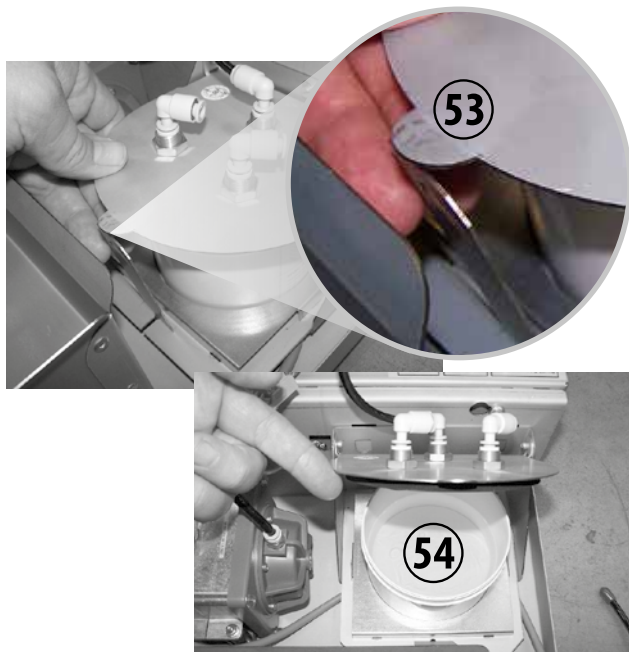
Replace the canister.



Start aquaCool initialization (service menu).

REPLACING THE AROMA TIN

When the Aroma tin is empty, a corresponding message is displayed.



10.18 Replacing the aquaCool nozzles

After 1,000 hours of operation, the aquaCool nozzles must be replaced in order to ensure that the aquaCool system functions properly. The assembly instructions are included with your spare parts delivery.

⇒	Open the bed part.
⑤③	Unlock the retaining bracket.
⑤④	Replace the tin.
⇒	Reset the Aroma counter in the service menu to 0 (Reset). Then the message on the interior control panel will disappear.

11. System messages

ERROR MESSAGES			
After the error has been eliminated, all error messages must be acknowledged by pressing START on the interior control panel.			
No.	Status message	Description	Remedy
01	Excess temperature bimetal	Bimetal switch triggers.	Check the air-intake/air-exhaust system. Let the tanning device cool down.
02	Maximum tanning time!	Enabling signal from coin-box system comes in longer than the time value approved under "Maximum tanning time" (voltage remains connected)	Disconnect from the coin-box system.
03	Excess temperature exhaust fan, please check	Bimetal switch in the fan triggers.	Make sure the fan runs freely. Check the air-intake/air-exhaust system. Let the tanning device cool down.
04	Connection fan speed control faulty	Faulty communication between Mainboard and fan-speed control.	Check / replace the patch cable.
08	Canopy pane open, please close	Contact of the canopy pane has triggered.	Close the canopy pane and check the contact.
09	Side pane open, please close	Contact of the side pane has triggered.	Close the side pane and check the contact. If the fault persists, contact your Customer Service.
10	Bed / bed pane open, please close	Contact of the bed pane has triggered.	Close the bed / bed pane and check the contact.
11	Excess temperature bimetal x-tra Tan	Bimetal switch in the shoulder tanner triggers.	Check the ventilation system of the shoulder tanner. Let the tanning device cool down. If the fault cannot be eliminated in this way, contact your Customer Service.
12	KBL7 Hardware error Input-Controller	Mainboard defective.	Contact your Customer Service.
13	Maximum write cycle flash memory reached	Maximum write cycle flash memory reached.	Contact your Customer Service.
14	Error! SD card read error (CRC fault)	Update via SD card failed (CRC fault).	SD card check / replace.
15	Error! no access to the SD card	Update via SD card failed (access error).	SD card check / replace
17	Parameter storage not found, please connect and restart	Parameter storage not found, please connect and restart.	Check connector parameter storage. If necessary replace parameter storage.
18	Parameter storage no valid serial number	Parameter storage no valid serial number.	Contact your Customer Service.
19	CAN-BUS: Interior display V1 is incompatible	CAN-BUS operators incompatible.	Use CAN-BUS operators V2.
20	CAN-BUS: preSelection display V1 is incompatible		
21	CAN-BUS: audio module full V1 is incompatible		
22	CAN-BUS: RGB module V1 is incompatible		
23	Parameter storage write error	Parameter storage write error.	Check connector parameter storage. If necessary replace parameter storage.
24	Parameter storage read error	Parameter storage read error.	Check connector parameter storage. If necessary replace parameter storage.
25	Frequency detection: detection failed!	Frequency detection failed.	Restart the controller. Contact your Customer Service after the third unsuccessful restart.

ERROR MESSAGES

After the error has been eliminated, all error messages must be acknowledged by pressing **START** on the interior control panel.

No.	Status message	Description	Remedy
26	Frequency detection: power supply connection faulty (connector X6/E6)!	Frequency detection failed. No mains voltage.	Check mainboard connector X6/E6.
28	Excess Temperature	Temp. 1-wire sensor $\geq 70^{\circ}\text{C}$ for 3min	Contact your Customer Service.
29	Excess Temperature	Temp. 1-wire sensor 80°C for 10sec	Contact your Customer Service.

INFORMATION MESSAGES

No.	Info. message	Description	Remedy
203	Fill level aquaCool canister low	The content of the aquaCool canister is sufficient for another 2.5 hours of operation with a spraying time of 6 seconds each.	Replace the empty aquaCool canister with a full one. Do not replace aquaCool with any other liquid.
204	Connection aquaCool unit faulty	Communication between control and module/interior control panel has been interrupted.	Check / replace the patch cable. Acknowledge the message by pressing START. If the fault persists, contact your Customer Service.
205	Connection audio module faulty		
206	Connection inside display faulty		
207	aquaCool canister empty	aquaCool canister empty.	Replace the aquaCool canister with a full one. See chapter: Refilling Aroma and aquacool
208	Aroma supply low, please renew	System has run out of scent.	Replace the Aroma tin. See chapter: Refilling Aroma and aquacool
209	aircon: condensed-water canister full, please empty	Condensate canister of air-conditioning unit full.	Empty the condensate canister of the air-conditioning unit, acknowledge the message by pressing START.
210	Low battery charge, please renew	Button cell (CR-2032) of the control board discharged.	Replace the button cell (CR-2032).
211	Connection preselect display faulty	Communication between control and "preSelection" control panel has been interrupted.	Check / replace the patch cable. Acknowledge the message by pressing START. If the fault persists, contact your Customer Service.
212	Connection RGB-module faulty		
213	SD card missing	No SD card in the audio module.	Insert an original SD card. See chapter: Recording to an SD card/Removing the SD card
214	SD card unreadable	SD card defective, incompatible content.	Insert a new original SD card. Acknowledge the message by pressing START. See chapter: Recording to an SD card/Removing the SD card. If the fault persists, contact your Customer Service.
216	Voltage varies, please check	Power supply to the mainboard varies	Check power supply to the mainboard.
217	No voice files on the SD card, please check.	No voice files on the SD card found.	Rebuild voice folder on the SD card. If necessary replace original SD card.
218	Connection DALI-unit faulty.	DALI-unit - CAN-BUS connection lost.	Contact your customer service.
219	Connection rubinColl unit faulty.	Driver beautyBooster. CAN-BUS connection lost.	Contact your customer service.
230	Connection Bluetooth module faulty	Communication between control and Bluetooth module has been interrupted.	Check / replace the patch cable. Acknowledge the message by pressing START. If the fault persists, contact your Customer Service.
231	No display	Internal notification - stored in the error log (service technician information).	-

12. Technical data

Ambient conditions		
Installation site	<ul style="list-style-type: none">• In dry rooms (booths) with sufficient airing and ventilation• Maximum relative air humidity: ≤ 70 %• Maximum room temperature: ≤ 86°F (30°C)	<ul style="list-style-type: none">• Minimum height of the room: ~94,5 inch• Only on a non-combustible basement• Maximum operating altitude: ≤ 6500 ft
Weights and measures		
Dimensions in inches (Height x width x depth)	~62,88" x ~94,37" x ~60,32" (when closed) ~78,67" x ~94,37" x ~59,14" (when open)	
Bed pane max. load capacity	330 lbs	
Weight	~1477 lbs (with air conditioning)	
Electrical connection values		
Protective class	IP20	
Mains voltage	3-phase: 3 x 220 V / ~ / 60 Hz	
Wire cross section	3-phase: 4 x AWG6 THHN cable in a isolation tubing (e.g. flexible metallic conduit, utilizing appropriate connectors)	
Circuit breakers	3-phase: 3 x 50 A For Canada all tanning devices with Class-A ground fault circuit interrupter GFCI.	
MP3-Player	<ul style="list-style-type: none">• Supports SD cards up to 1-2 GB (SD) / 4-16 GB (SDHC)• Supported file system (SD card): FAT16 / FAT32• Supported MP3 files: constant and variable bit rate, 96-320 Kbit/s	
Central exhaust air		
Fan / blower	Exhaust-air socket Ø 300mm (~11,81 inch) -- 84,65 inch (top) Minimum exhaust air flow rate: 2250m³/h (594400 gal/hour)	
Exhaust air duct hose	Ø 300 mm (~11,81 inch)	

Unit data: KBL P9 extraSun		
P9 - 50p6/4gx 1616 int us (T)		Item no
Tubes	Canopy: 16x pureSunlight 1712 R 200W	3230076175
	4x extraSunlight 1711 R 200W	3230076173
	Side: 4x pureSunlight 1712 R 200W	3230076175
	2x extraSunlight 1711 R 200W	3230076173
	Bed: 24x pureSunlight 1990 R 200W	3230075160
Face tanner	4x megaLine HP 800	4230320000
Face tanner filter panes	EVO 19176	3020019176
Shoulder tanner	2x MS250	3200224000
Shoulder tanner filter glass bulb	2x filter glass bulb	3020020000
beautyBooster	70	-
Nominal power	With air conditioning: 14860W / Without air conditioning: 13600W	

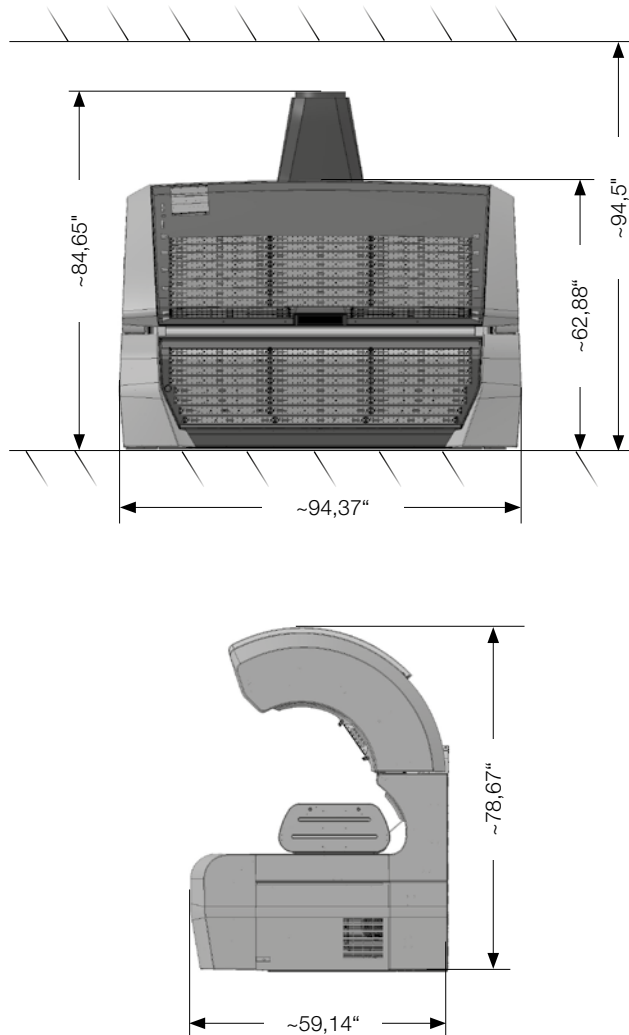
Unit data: KBL P9 hybridSun		
P9 - 50h/4gx - 1616 cpi us (T)		Item no
Tubes	Canopy: 14x pureSunlight 1713 R 200W	3230076176
	6x smartSunlight 1714 R 200W	3230076177
	Side: 4x pureSunlight 1713 R 200W	3230076176
	2x smartSunlight 1714 R 200W	3230076177
	Bed: 16x pureSunlight 1916 R 200W	3230076178
	8x smartSunlight 1914 R 200W	3230076172
Face tanner	4x megaLine HP 800	4230320000
Face tanner filter panes	EVO 19176	3020019176
Shoulder tanner	2x MS250	3200224000
Shoulder tanner filter glass bulb	2x filter glass bulb	3020020000
beautyBooster	70	-
Nominal power	With air conditioning: 14860W / Without air conditioning: 13600W	

Unit data: KBL P9S extraSun		
P9S - 50p6/4gx 1616 int us (T)		Item no
Tubes	Canopy: 16x pureSunlight 1712 R 200W	3230076175
	4x extraSunlight 1711 R 200W	3230076173
	Side: 4x pureSunlight 1712 R 200W	3230076175
	2x extraSunlight 1711 R 200W	3230076173
	Bed: 24x pureSunlight 1990 R 200W	3230075160
Face tanner	3x extraSunlight 0323 O 8W	3230076196
	4x SunSphere Facials	9113005078
Shoulder tanner	1x SunSphere Shoulders L	9113005101
	1x SunSphere Shoulders R	9113005102
beautyBooster	40	-
Nominal power	With air conditioning: 12760W / Without air conditioning: 11500W	

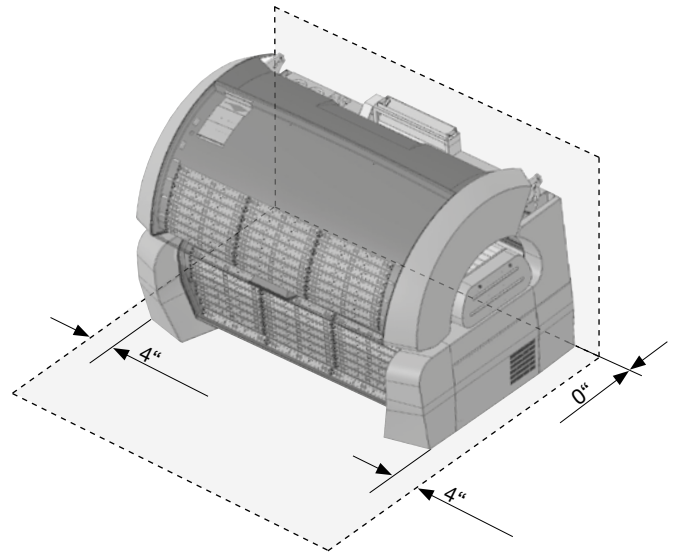
Unit data: KBL P9S hybridSun		
P9S - 50h/4gx - 1616 cpi us (T)		Item no
Tubes	Canopy: 14x pureSunlight 1713 R 200W	3230076176
	6x smartSunlight 1714 R 200W	3230076177
	Side: 4x pureSunlight 1713 R 200W	3230076176
	2x smartSunlight 1714 R 200W	3230076177
	Bed: 16x pureSunlight 1916 R 200W	3230076178
	8x smartSunlight 1914 R 200W	3230076172
Face tanner	3x extraSunlight 0323 O 8W	3230076196
	4x SunSphere Facials	9113005078
Shoulder tanner	1x SunSphere Shoulders L	9113005101
	1x SunSphere Shoulders R	9113005102
beautyBooster	40	-
Nominal power	With air conditioning: 12760W / Without air conditioning: 11500W	

12.1 Dimensions and distances

DIMENSIONS



DISTANCES

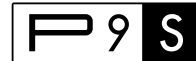


13. IMPLIED WARRANTY



1. **WARRANTY** - Laundries unlimited of Indiana, Inc., dba Tanning Supplies unlimited (the "Company") warrants that electrical components are free from defects in its materials and workmanship, under normal use, for one year ("Warranty Period") beginning from the purchase invoice date of the KBL indoor tanning device ("Product") is purchased from the Company or an authorized Distributor of the Company or from an authorized Dealer or Representative of such Distributor or Dealer (collectively the "Distributor"), if you, the original purchaser ("Purchaser"), retain ownership during the Warranty Period. This Warranty is nontransferable. THE WARRANTY CONTAINED IN THIS SECTION 1 IS SUBJECT TO VOIDANCE IN ACCORDANCE WITH SECTION 3.
2. **WARRANTY FOR ITEMS NOT COVERED BY THE ONE YEAR WARRANTY SET FORTH IN SECTION 1: Acrylics, lamps, lamp starters, filter glass plates, metal structure, plastic covers and air filters** are not covered under this warranty. THE WARRANTY CONTAINED IN THIS SECTION 2 IS SUBJECT TO VOIDANCE IN ACCORDANCE WITH SECTION 3.
3. **VOIDANCE OF THE WARRANTY.** THE WARRANTIES SET FORTH IN SECTIONS 1 AND 2 HEREIN ABOVE ARE VOID IF YOU: TRANSFER THE PRODUCT TO A THIRD PARTY, MODIFY THE PRODUCT, MISUSE THE PRODUCT, SUBJECT THE PRODUCT TO ABNORMAL CONDITIONS OF OPERATION, ATTEMPT UNAUTHORIZED REPAIRS TO THE PRODUCT, DO NOT USE ORIGINAL EQUIPMENT MANUFACTURER (OEM) REPLACEMENT PARTS, DO NOT FOLLOW THE CARE AND USE INSTRUCTION MANUAL CONCERNING SPACE, ELECTRICAL AND ENVIRONMENTAL REQUIREMENTS, SUBJECT THE PRODUCT TO ACCIDENT, MISUSE OR MISAPPLICATION; OR SERVICE THE PRODUCT BY ANYONE OTHER THAN THE COMPANY OR AN AUTHORIZED SERVICE REPRESENTATIVE OF THE COMPANY OR DISTRIBUTOR
4. **WARRANTY RETURNS.** All warranty claims can be handled through the Company or Distributor. If you do not know the phone number of the Distributor, you can contact the Company at 1-877.307.8434 (toll free) or 317.217.1700 Monday through Friday from 9:00 AM to 5:00 PM EST. Warranty covered items are to be returned on a part for part replacement. All freight charges are the sole responsibility of the Purchaser.
5. **DISTRIBUTOR WARRANTIES.** To the extent representations, warranties or commitments are extended to the Purchaser by a Distributor, such representations, warranties and commitments will be those of the Distributor alone, and will not be attributed to the Company and the Company shall not be responsible for same.
6. **DISCLAIMER OF WARRANTIES.** EXCEPT AS EXPRESSLY STATED IN SECTION 1 AND 2 HEREIN ABOVE, THERE ARE NO OTHER WARRANTIES BY THE COMPANY OR DISTRIBUTOR, EXPRESSED OR IMPLIED, BY OPERATION OF LAW OR OTHERWISE. THE COMPANY AND DISTRIBUTOR DISCLAIM ALL IMPLIED AND EXPRESSED WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.
7. **LIMITATION OF LIABILITY.** THE COMPANY OR DISTRIBUTOR SHALL NOT BE LIABLE, WHETHER IN CONTRACT OR TORT, FOR ANY LOSS OR DAMAGE, INCLUDING BUT NOT LIMITED TO SPECIAL, INDIRECT, CONSEQUENTIAL, PROPERTY, ECONOMIC OR PERSONAL DAMAGES OF THE END USER, OR THIRD PARTIES, EVEN IF ADVISED OF THE POSSIBILITIES OF SUCH DAMAGES, ABOVE OR BEYOND THE REPAIR, REPLACEMENT OR REFUND OF ANY DEFECTIVE PRODUCT, WHICH SHALL BE THE PURCHASER'S SOLE REMEDY. THE PURCHASE PRICE OF THE PRODUCT IS A CONSIDERATION IN LIMITING THE COMPANY'S AND DISTRIBUTOR'S LIABILITY.
8. **LOCAL LAWS.** Laws pertaining to the rights and limitations of the Warranty vary from state to state. The limitations set forth herein may not be applicable to the Purchaser, or Purchaser may have other legal rights not referenced herein.
9. **MISCELLANEOUS**
 - 9.1 **GOVERNING LAW.** This Warranty shall be governed by, interpreted by and enforced in accordance with the substantive and procedural laws of the State of New Jersey, and the United States of America, conflict of laws notwithstanding. This Warranty and any such claims, disputes or actions is domiciled. The Company, Distributor and Purchaser hereby agree to submit to the subject matter and personal jurisdiction and venue of said courts to resolve any disputes. If any term or provision of this Warranty is adjudicated to be invalid by any Court have jurisdiction, such provision shall be inoperable and deemed omitted and shall not invalidate the remaining provisions hereof.
 - 9.2 **ENTIRE AGREEMENT.** This Warranty constitutes the entire agreement of the Purchaser, the Distributor and the Company as to the subject matter and there are no other understandings, agreements or terms, whether oral or written, between the Company and the Purchaser.
 - 9.3 **READ AND UNDERSTAND THIS WARRANTY.** Before signing and returning this warranty, the Purchaser acknowledges that Purchaser has read and understands the terms herein, or has had the opportunity to have them read and explained to the Purchaser by an authorized representative.
10. **VALIDATION.** To validate that you are the original purchaser of the Product from the Company or a Distributor and to ensure that you receive the above-recited benefits under the Warranty, please provide the information on the warranty card, sign the card and mail it within (30) days of purchase to:
Warranty Department
Laundries unlimited of Indiana, Inc.
dba Tanning Supplies unlimited.
1504 Sadlier Circle South Drive;
Indianapolis; IN 46239, U.S.A.
11. **SPARE AND REPLACEMENT PARTS.** Original Equipment Manufacturer's (OEM) lamps and replacement parts are available by direct order. To order, call 1-877.307.8434 (toll free) or 317.217.1700. Please have Credit Card information available when calling or write to:
Laundries unlimited of Indiana, Inc.
dba Tanning Supplies unlimited.
1504 Sadlier Circle South Drive;
Indianapolis; IN 46239, U.S.A.

14. WARRANTY CARD



warranty card	Company Name/Contact:	
Delivery Address	Street: _____ City, State: _____ Zip Code: _____ Phone: _____	
Model	<input type="radio"/> P9 <input type="radio"/> P9S <input type="radio"/> extraSun <input type="radio"/> hybridSun	
Serial #		
aquaCool	<input type="radio"/> Yes	<input type="radio"/> No
Aroma	<input type="radio"/> Yes	<input type="radio"/> No
airCon Preparation	<input type="radio"/> Yes	<input type="radio"/> No
Exhaust air system	<input type="radio"/> Without <input type="radio"/> Exhaust air duct <input type="radio"/> Exhaust air duct hose (300mm, white, length 3m, 2 hose clamps)	
Mains voltage	<input type="radio"/> 3-phase	
Date of Install		
Installer Name and Address		
Voltages	L1/L2 _____ L2/L3 _____ L3/L1 _____	
Remarks		

Office Use Only: Date Received: _____ Received by: _____



Remarks

Remarks



KBL

The Beauty & Health Company



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