KBL

beautyShaper

Tower



BEAUTY SYSTEM

OPERATING INSTRUCTIONS

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ORIGINAL OPERATING INSTRUCTIONS
Version: BA-beautyShaper-Tower-TSU-en-us
Date: June 2021
Item no: 0100035998 B
Device name [tech.]: T3/50 - 180 c

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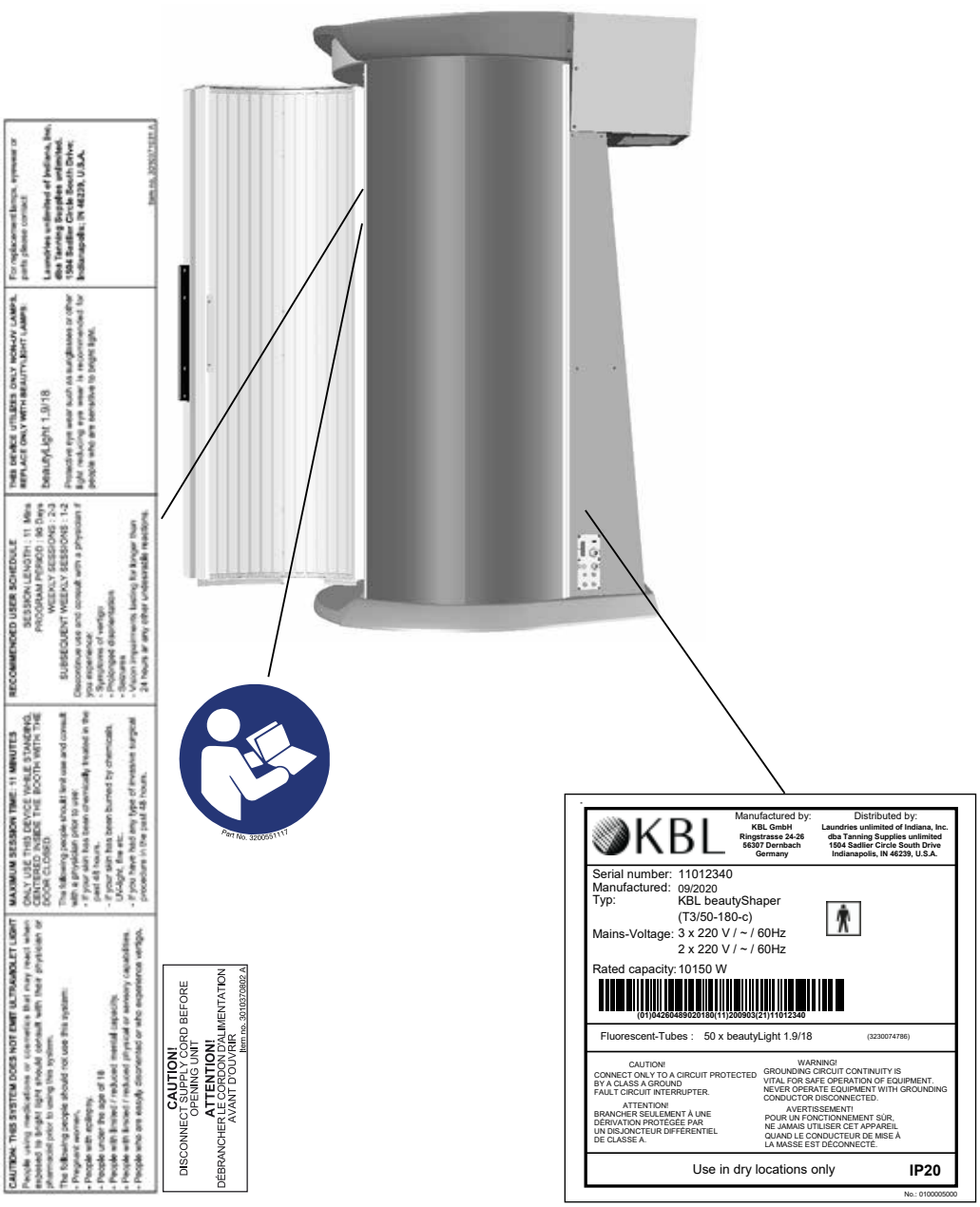
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1. Labels attached to the device

EXAMPLES



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 Product (hereafter referred to as device) must have read and understood these instructions. This manual describes devices equipped with the maximum number of features.
Keep this manual ready to hand at all times.

Statements about expected performance etc. have not been evaluated by the FDA (Food & Drug Administration). This product is not intended to treat, cure or prevent any disease. The information contained in this manual is not a substitute for advice from a licensed physician or other healthcare professional. Actual results may vary depending on use, genetic influences, diet, exercise, lifestyle, etc. The manufacturer gives no guarantee of results.

FURTHER INSTRUCTIONS – BEAUTYSHAPER SYSTEM

The „beautyShaper“ system consists of a light emitting Tower device and the training platform „vibraNano“. The operating instructions of the vibraNano, article number: 0100036269, is enclosed separately with each beautyShaper delivery as part of the overall system.

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 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 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 devices to users on a commercial basis. The studio operator is trained to operate and maintain the device. She/he is responsible for the proper operation of the device as well as for compliance with the maintenance intervals.

USER

A person who uses the 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 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



WARNING

Overturning load

Danger of being crushed by heavy parts of the equipment.

- Keep the safety distance to the transport machine.
- Do not walk under the load.
- Wear safety shoes.

TRANSPORT BY FORKLIFT TRUCK



During transport the device may be damaged when using forklift forks that are too short.

- Use only sufficiently long forks.

The box with the device components 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 box must be unpacked and the parts inside 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 - OPERATING AND ASSEMBLY INSTRUCTIONS

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

ACCESSORY PARTS

Description	KBL item no.
Protective eyewear	3010104000

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

- The 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 device or to make any unauthorized changes to the 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 device!

EXPLOSIVE ATMOSPHERE



DANGER

Explosive atmosphere

Operation in explosive atmospheres can cause explosions.

- Do not operate the 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 device possible!**

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

ELECTROMAGNETIC ENVIRONMENT

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

This 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 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 device shall not be put into operation immediately after being set up.

- Before connecting the 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 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 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 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 using the device.
- All danger and safety labels attached to the device must be observed and shall not be removed!
- The device shall only be used when in proper operational condition!
- The studio operator is responsible to ensure that the 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 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 booth, so the operator can access it at any time, even when the device is in operation.
- Site the device in such a way as the MAINS ON/OFF switch and the MAINS supply cable are not obstructed (difficult to access).
- Before first use, all users must be introduced to the device by means of a guided live session.

2.12 Training of staff

The studio operator is obligated to train her/his staff and to instruct them in the established legal and accident prevention regulations. She/he must ensure that her/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 device.
- Make sure that the cleaning/disinfection intervals are complied with, especially the cleaning and disinfection of the device after every use.
- Make sure that your staff provides the customers with appropriate advice, especially regarding operating times, possible risks and the operation of the device.

2.13 Technical modifications

The 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 device.

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

2.14 Instruction updates



Use the current device documentation

The device documentation is updated regularly by the manufacturer. Make sure you are using the latest version.

For instruction updates, please 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

3. Safety notes

3.1 General safety notes



WARNING

Risk of injury from UV radiation

The use of UV lamps with this device can cause serious injury to the skin and eyes.

- Never operate the device with UV lamps.

The use of UV lamps or lamps other than those specified for this device can lead to serious injuries and is prohibited.
Offenses are considered a violation of the FDA regulation 21 CFR 1040.20 and can lead to fines and / or imprisonment.
Any unauthorised change (e.g. relabelling or use of UV lamps) lead to noncompliance of the device with applicable regulations and specifications designed from the manufacturer.

- This device may only be operated with the specified lamps or their equivalents.
- If you have any questions about replacement lamps, or for the correct use of this device, contact the importer directly.
- Read the operating instructions before using the device.
- This device must be operated with an external timer as specified in chapter *Timer controlled operation*.

NOTE: This 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 device.

BRIGHT LIGHT SENSITIVITY
This device emits very bright light primarily in the visible and near infrared ranges of the light spectrum.

- Wear protective eyewear that limits or reduces the intensity of bright light and these wavelengths during use.
- People who are sensitive to bright light should consult a physician before using this device and exercise caution during use.

FURTHER INSTRUCTIONS

- 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 device must only be connected by qualified, trained and authorized service technicians.
- Arbitrary modifications or conversions of the equipment are not permissible.
- 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 device may only be operated when in perfect working condition.
- Never operate the device with the outer covering removed or with the acrylic panes removed.
- Pay attention to the load limit of the floor plate (tower devices only).

OPERATION IN CONJUNCTION WITH VIBRANANO.

Any physical activity can strain the body.
To minimize user risk:
If you have any concerns or issues related to the use of this device you shall consult a doctor before use.

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 device is designed to vitalize the 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.
If in doubt, consult a physician.

Stand in the middle of the booth, with body positioned an equal distance from the surrounding lamps.
You must reach the interior control panel at all times during the session.
Wear protective eyewear to reduce the bright light during the session.

3.4 Indications for use

This product is an over-the-counter device emitting very bright light primarily in the visible and near infrared ranges of the light spectrum.
The correct use of this device can temporarily vitalize the human skin.
The use of this device cannot replace treatment by a licensed physician or healthcare professionals!

3.5 Contraindications

Any adult person listed here after may not use this device.

- Persons under the age of 18 years.
- Persons with all forms of light sensitivity.
- Persons with disturbed feeling of warmth.
- Persons with heart pacemakers.
- People taking drugs that increase photosensitivity.
- People with light-sensitive skin areas.
- People whose skin has been chemically treated in the last 48 hours.
- People whose skin has been burned by chemicals, fire, excessive UV radiation.

3.6 Warnings

- This product should not be used on individuals who have had skin cancer or have a family history of skin cancer.
- If there are special concerns about the light used in this device consult a physician.

3.7 Foreseeable misuse

- The device shall be used only by one person at a time.
- People with a body weight of more than 286 lb (130 kg) are not allowed to use the device.
- Any type of use that differs from the provisions under the chapter Safety notes is considered misuse.

3.8 Misuse

- The use of lamps deviating from those defined from the manufacturer is misuse.

3.9 Timer controlled operation

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

If the external timer fails, the device is automatically switched off by an internal timer.

The maximum session time must not be exceeded.

	Information on how to enter the session 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.

3.10 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 there is any stray light from the sides or under the rim of the lens, DO NOT USE this eye protection. Ask the 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*.

3.11 Freeing a trapped person

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

The door drive mechanism is a purely mechanical function that does not depend on electrical power.

3.12 Use of headphones

	⚠ CAUTION **Hearing damage possible** Using headphones or earphones at high volume may result in permanent hearing damage. • Do not set the volume too high.

3.13 Lamp breakage

	⚠ CAUTION **Risk of mercury toxicity** Risk of mercury toxicity after a lamp breakage. Please comply with the following instructions: • you must immediately disconnect the 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 device

4.1 Standards

This device is in conformity with general requirements for basic safety and essential performance of medical electrical equipment IEC 60601-1:2005 +A1:2012 and CAN/CSA-C22.2 No.601.1-M90) 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 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 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 device is intended for use in the electromagnetic environment specified below. The studio operator of the 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 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 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 device is intended for use in the electromagnetic environment specified below. The studio operator of the 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 device requires continuous operation of the device even in the event of interruptions of the power supply, it is recommended that the 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 device is intended for use in the electromagnetic environment specified below. The studio operator of the 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 devive, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. Site the device a miniumum of 24 inches from any other electrical / electronical 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 miniumum of 24 inches from any other electrical / electronical 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 device is used exceeds the applicable RF compliance level above, The 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 device unit.			

Table 6

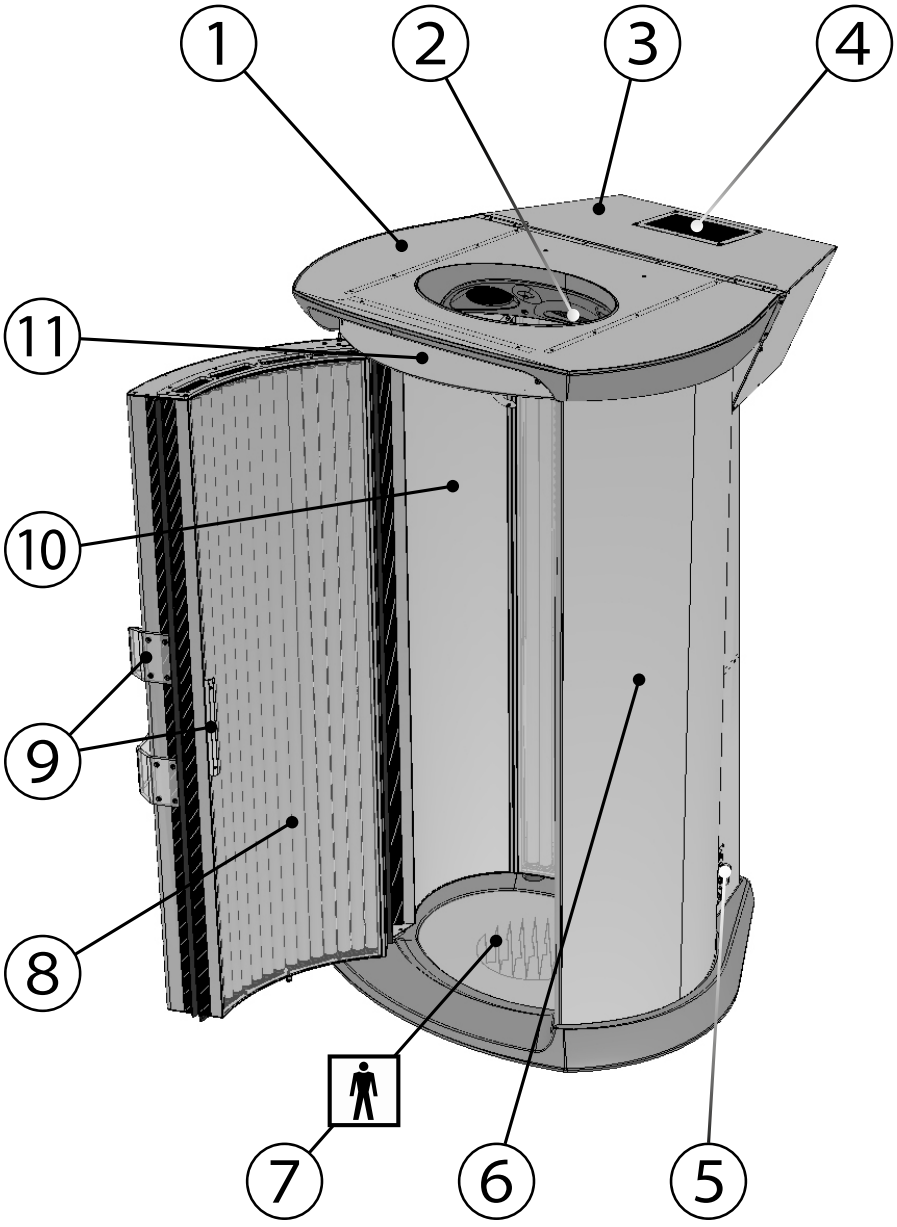
Recommended separation distances between portable and mobile RF communications equipment and the device
The device is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. Site the device a miniumum of 24 inches from any other electrical / electronical devices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

4.2 Components

The device basically consists of the following components:

- Two side parts, comprising 12 tubes each.
- Rear part including 14 tubes.
- Door including 12 tubes.
- Top crown including interior control panel.
- Base plate.
- Fan casing.

1	Top crown with ventilation opening
2	Interior control panel
3	Fan casing
4	Exhaust opening
5	Supply connections
6	Lateral part, right-hand side
7	Floor plate or vibraNano
8	Door
9	Door handles
10	Lateral part, left-hand side
11	Facing of unit lighting at top crow



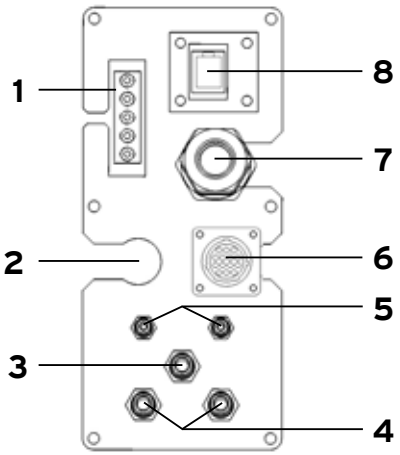
5. Connections

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.

5.2 Overview supply connections



1	Mains voltage aquaCool box
2	Audio connection / channel selection
3	aquaCool - air (blue)
4	Aroma
5	aquaCool - liquid
6	Connection of external timer (coin-box system)
7	Power supply
8	Data cable Tower/aquaCool box

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

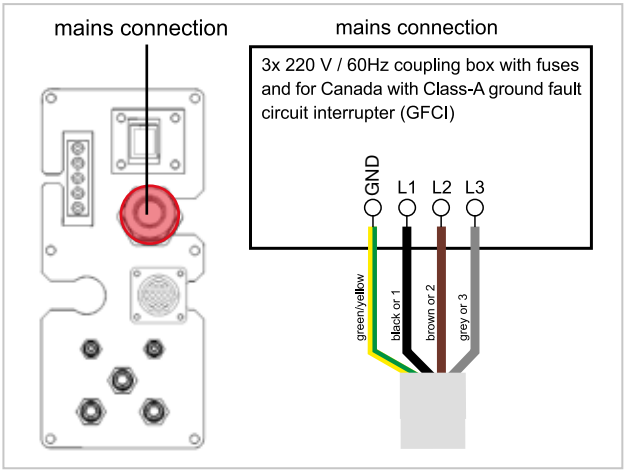
Both the power supply and the related connection work must comply with national standards and local regulations. The connection work and replacement of the power supply cord must only be performed by qualified, trained and authorized service technicians. The connection to the 3 x 220 V mains must be 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

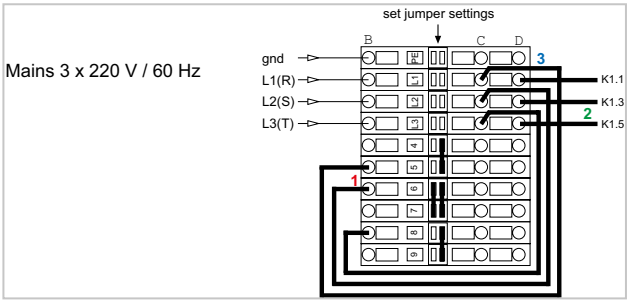
The electrical installation must be equipped with a freely accessible all-pole disconnecting device in accordance with the overvoltage category III. (Master switch with clearly marked on/off settings e.g. “O” and “I” or additional indicator light). The master switch shall be fitted externally on the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

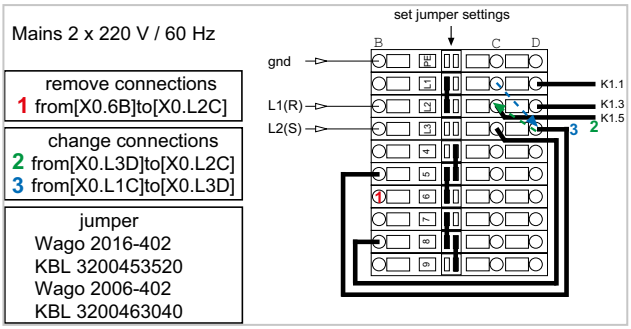


The device is by default set up to operate on 3 phases but it can be changed over to 2-phase operation. The wiring for 3-phase operation is shown below:



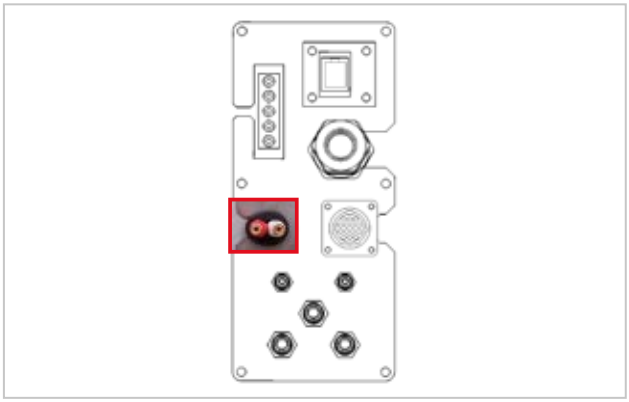
The wiring for 2-phase operation is shown below.

- Re-wire the 3 cables according to the diagram.
- Make sure that you use the right cable for the power supply.



5.4 Connecting an external audio source

The cinch marked in the illustration is connected to the external audio source where the line-out of the sound player or the headphone/loudspeaker jack are available for connection.



5.5 Level adjustment studio music

The voice / audio system components are installed in the back part of the device. The potentiometer which serves to adjust the external audio signal level is accessible through a maintenance hatch on the left hand side of the device. 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.



5.6 Operation using different audio sources

The audio source can be changed via the control panel.

The 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 - LINE IN

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 players such as MP3 players, I-pods, etc.
- External Bluetooth players

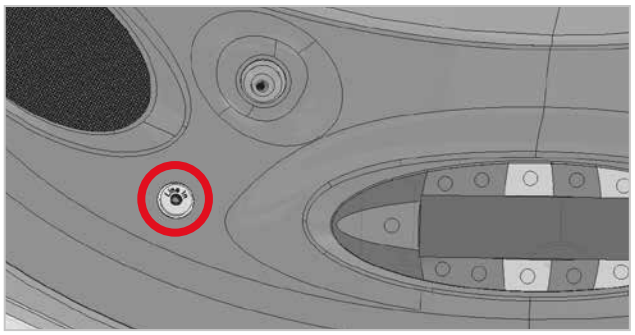
EXTERNAL 100 V AUDIO SIGNAL ON STUDIO CHANNEL (OPTIONAL FEATURE)

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 qualified, trained and authorized service technicians.

EXTERNAL PLAYERS

A line connection has been integrated into in the head area near the interior control Panel so that the user can connect his or her own player such as an MP3 player, an iPod, etc. Use a standard 3.5mm jack cable (included if the music option has been ordered). Connect the jack plug to the earphone jack of your player. Then select ”MP3 ext.” as the audio source from the inerior control panel of the device before you start playing your own tracks from the player. The tracks can only be selected via the user’s own player. The volume can be controlled via the control panel of the device and also via the corresponding operating elements provided by the user’s player.



5.7 Bluetooth connection

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

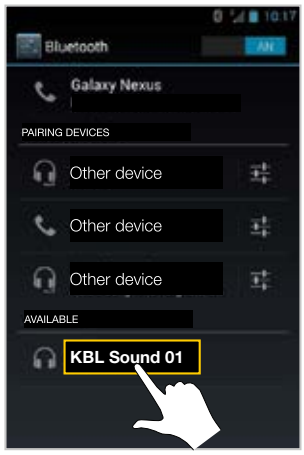
CONNECT EXTERNAL PLAYER

A Bluetooth connection can be established in standby and during operating 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 devices choose “KBL Sound”. In the service menu, a trailing number (01, 02, 03, ...) can be added to devices name.
- If necessary confirm the shown code and connect again. Not every smart phone asks for a code.

Example - Samsung Galaxy

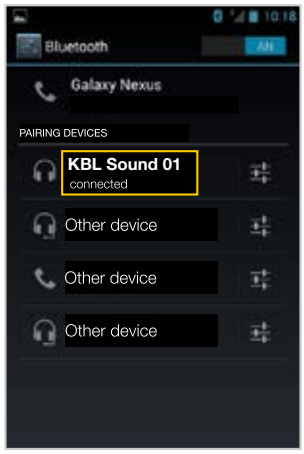


Example - Apple iPhone



- A two-time beep indicates that your player is connected to the 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 session, the volume control has to be done at the device.

DISCONNECT EXTERNAL PLAYER

An existing connection is disconnected automatically after operating session.

The connection is automatically disconnected if the 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

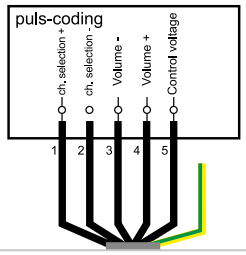
Each Bluetooth device offers a list of paired devices. Delete the older entries in this list which have a profile that overlaps with the ones for which you want to pair your player.

Start the Bluetooth device detection again.

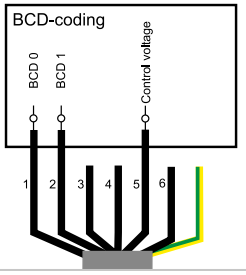
5.8 Connecting the channel selection

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.

Wiring on the audio system of the studio



Wiring on the audio system of the studio

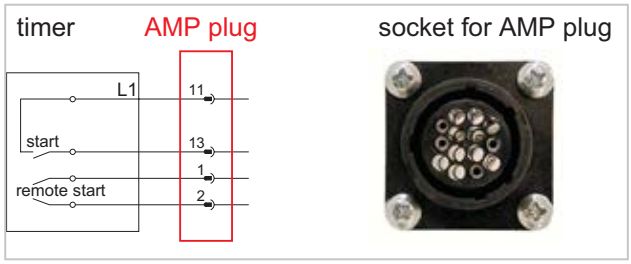


CHANNEL	BCD 0	BCD 1
1	0	0
2	1	0
3	0	1
4	1	1

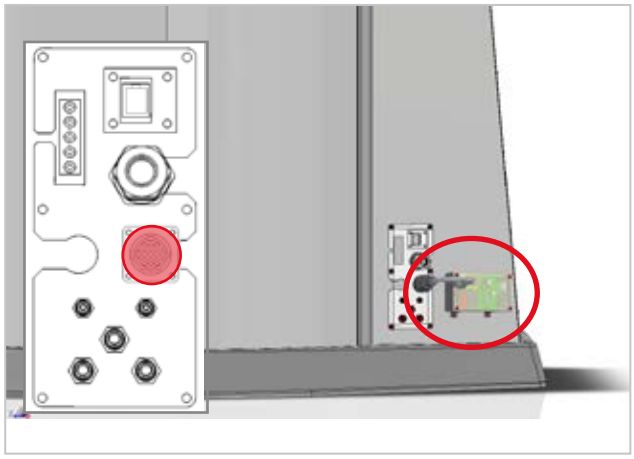
5.9 Connecting the external timer

CONNECTING VIA AMP PLUG (DEFAULT)

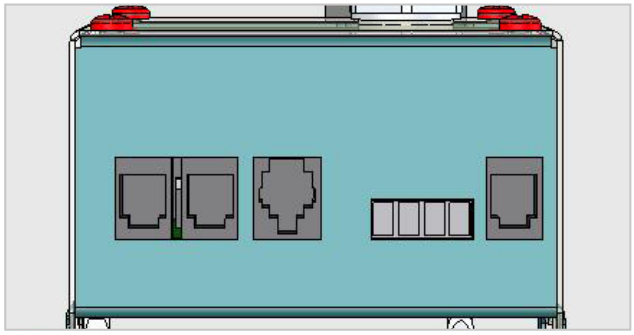
Connect the external timer (e.g. coin box, studio control) according to the instructions supplied with the timer. The connection is made via the socket for an AMP plug on the back side of the device. The following diagram shows the wiring of the timer connection.



T-MAX BOX



T-MAX CONNECTOR PANEL



Information on how to enter the session time can be found in the operating instructions of your external timer.

6. Start-up

Before switching on for the first time:

- Determine the presettings for the device in the service menu.
- Check correct installation of fluorescent tubes. The tube labeling must be visible, otherwise no 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 device is in an idle state, i.e. it is connected to the mains but is currently not being used. The tubes and the lamps are switched off. From the standby mode, you can change over to the operating mode or to the service mode.

OPERATING MODE

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

SERVICE MODE

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

FAN RUN-ON

After the 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. Usage

Your Tower beautyShaper is a skin care system that can temporarily vitalize the human skin.

7.1 Instructions for the user

Use should be pleasant. If use is unpleasant, discontinue and consult the operating staff and possibly a physician.

GENERAL

- Only individuals described in chapter *Intended use* and not listed in chapter *contraindications* may use the device.
- Remove cosmetics before use the device and do not use any skin cream. For the session, the skin should have been thoroughly cleaned and dry.

FOR EACH SESSION

- Always wear the supplied protective goggles. Contact lenses or sunglasses are no substitute for the protective goggles!

The desired effect of skin vitalization can only be achieved with fluorescent tubes that are maintained and replaced in accordance with the intervals listed in the Maintenance chapter.

The manufacturer recommends a treatment duration of **11 minutes** per session.
The manufacturer recommends two to three sessions per week. A break of 24 hours between each session is mandatory.

8. Operating mode



WARNING

Risk of injury from UV radiation

The use of UV lamps with this device can cause serious injury to the skin and eyes.

- Never operate the device with UV lamps.

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

8.1 Starting a session

During the session, the door must remain closed in order to ensure that the ventilation works properly.

- Close the door and place yourself in the middle of the device booth, with body positioned an equal distance form the surrounding lamps.
- Put on protective goggles.
- The session automatically starts after the studio-timer controlled delay time has expired. During the preset delay time the session can be started anytime manually using the START button at the device.

8.2 Operation during the session

You can control the functions of the device via the interior control panel during the session. It is particularly easy for you to access the basic functions. Buttons with recesses that can easily be sensed allow for easy operation of the system even with your eyes closed.

NOTES:

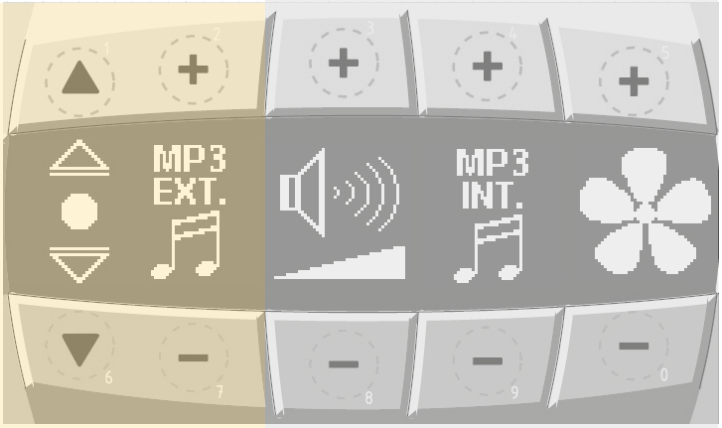
20 seconds after your last input, the interior control panel changes over to the indication of the session time. An information line at the bottom edge of the interior control panel shows the current music track.



During the session, you need quick access to basic functions such as volume control, body fan and internal MP3 Player.
You should also be in a position to change the subordinate functions.
The 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 control panel (display according to the rotation principle).

BASIC FUNCTIONS



VARIABLE SECTION OF THE INTERIOR CONTROL PANEL

During the session, you continue to have access to the subordinate functions. If you wish to make any changes, you can do so in the variable section of the 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.

The basic functions portrayed here refer to a fully equipped device. If you have chosen a simpler equipment package, functions from the variable operating elements automatically take the place of the missing basic function.

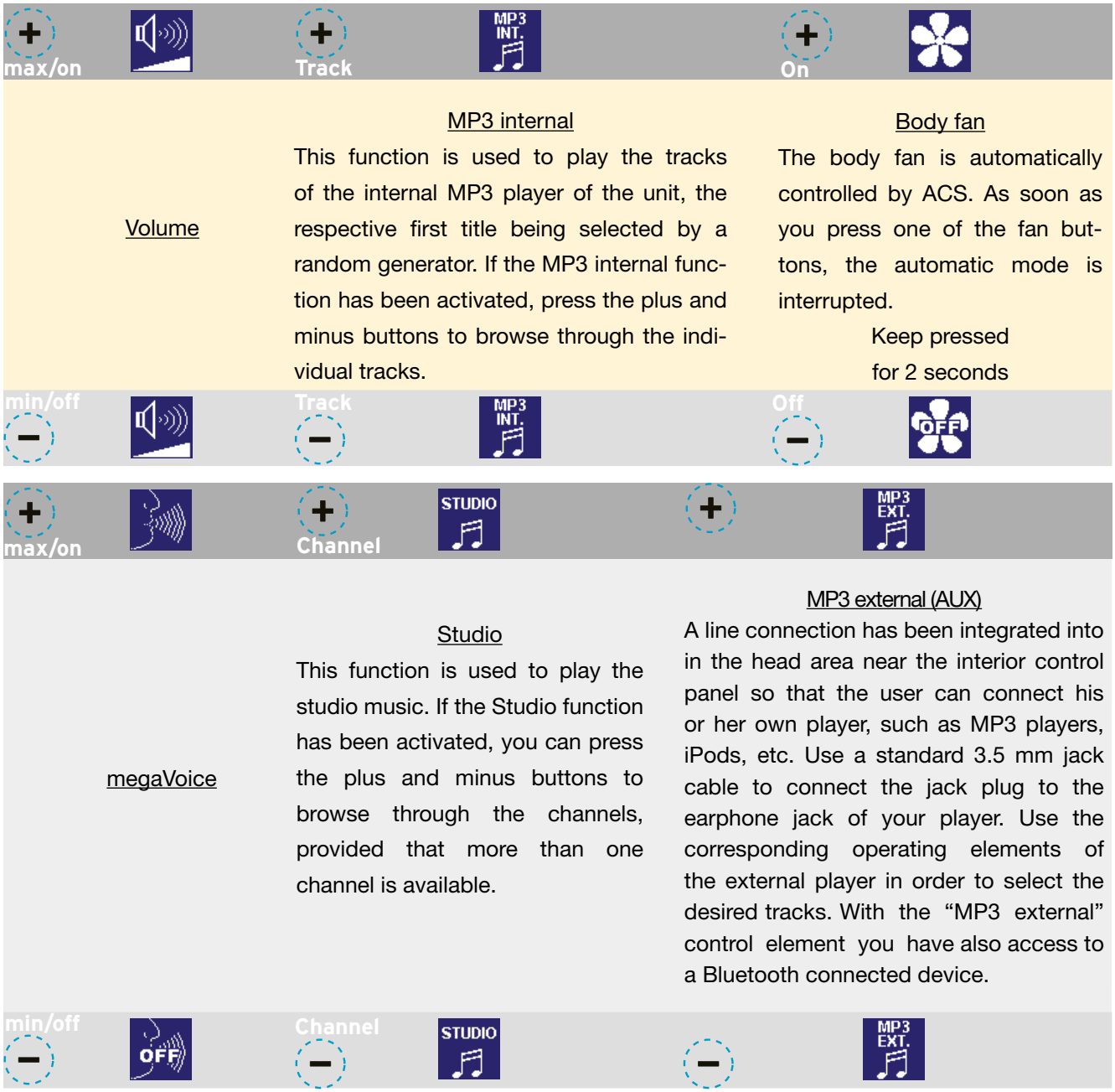


Prerequisite:
The functions must be available and activated in the service menu.

Selectable function symbols (for a fully equipped unit)

megaVoice Studio MP3-ext.

8.3 Functions overview

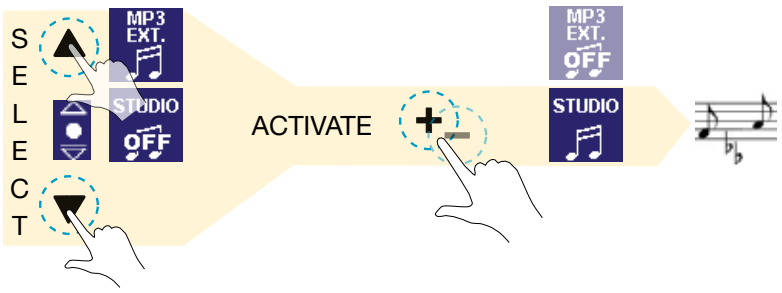


AUDIO FUNCTIONS

There is a maximum of two 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 display so that you can easily recognise the active audio source

MODEL: ACTIVATING AUDIO FUNCTIONS



9. Standby mode

Use standby mode to
- access service mode.
- run standby functions.
  - turn on/off audio (music).
  - turn on/off the decorative lighting of the device.

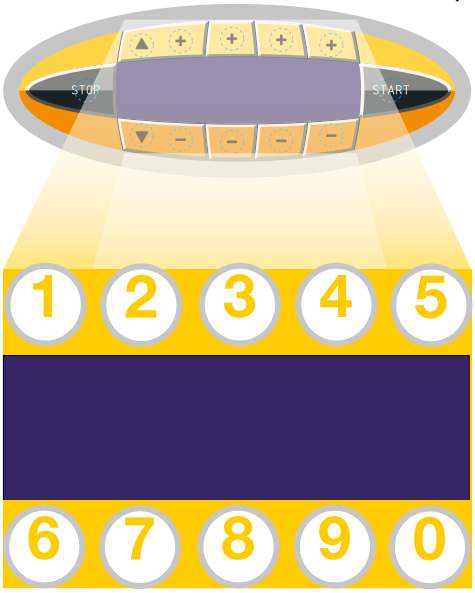
9.1 Service mode

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

9.2 Standby functions

Layout of the interior control panel numbers

The buttons of the interior control panel are allocated double functions. In addition to the standard operating elements, they stand for numbers that, in standby mode, provide access to standby and service functions. Simply enter the corresponding sequence of numbers on the interior control panel.



SWITCHING THE DECORATIVE LIGHTING ON AND OFF

5 0 5

NOTE

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.

MUSIC ON / OFF

3 8 3

NOTE

Do not let too much time pass between the individual keystrokes when entering a sequence of numbers!

10. Maintenance and cleaning

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

- The current operating hours of the 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 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 lamps only with the ones that are characterized on the device. The use of other lamps will void the operating license!
- Only use original KBL ballasts for CPI-Energy devices.



WARNING

Injuries and damage caused by improper or insufficient maintenance

Maintenance and care play a major role for the devices performance and appearance over its useful life. Diligent compliance at the specified intervals is absolutely necessary to ensure the proper operation of your device. Improper maintenance can cause the 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 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 device is in use for longer than 10 years, it must be completely overhauled by qualified, trained and authorized service technicians.
- If the 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

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

- Before carrying out any maintenance work, the device must be disconnected from the mains voltage. That means that all live cables must be switched off. Switching off the 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: .....

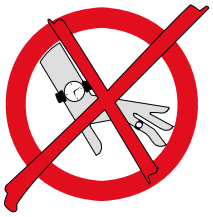
must always and immediately be securely mounted.

- 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).

10.1 Instructions on cleaning, disinfection and care

GENERAL INSTRUCTIONS

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





- 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

Risk of Infection.
Risk of Infection by transferring through skin contact.

- **After each session the 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 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 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

These cleaning works must be carried out by qualified, trained and authorized service technicians.

Every 6 months

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

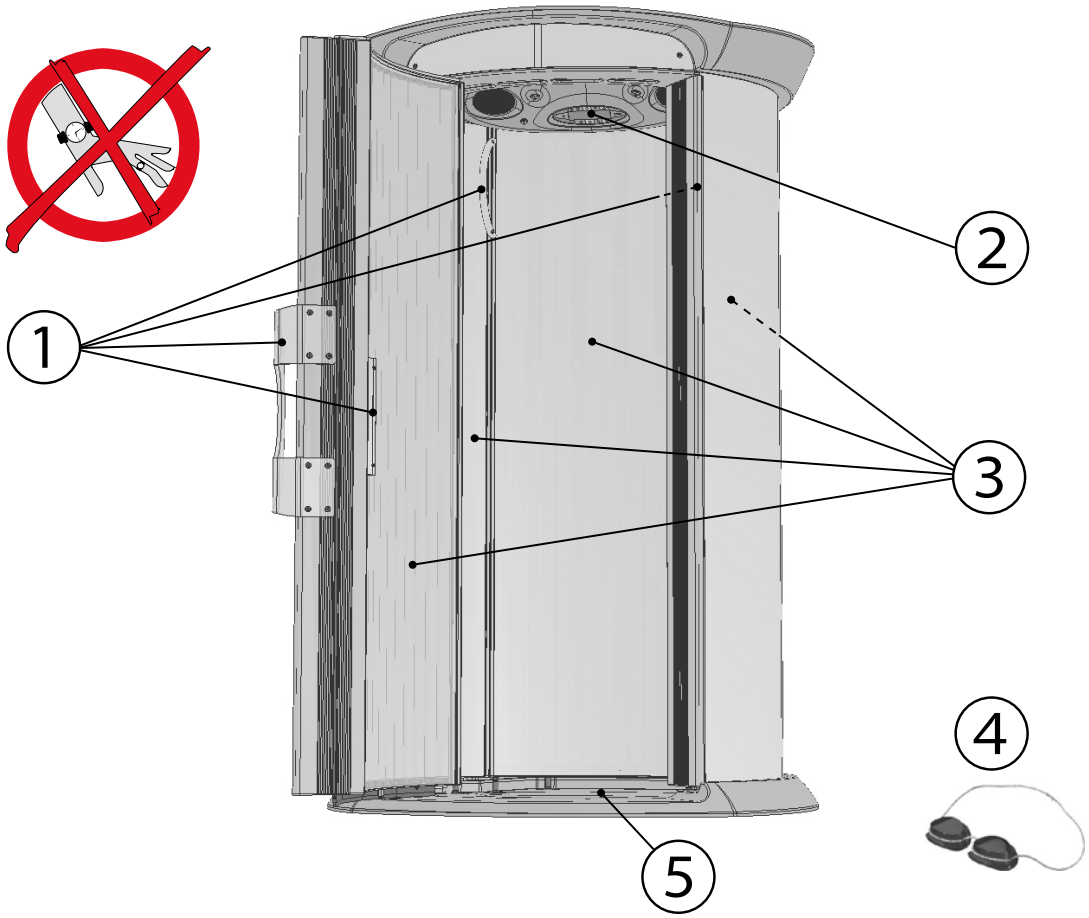
Inadequate cleaning leads to overheating. As a result, this can lead to damage the device!

Signs of electrical overstress
Check the cables and connections on signs of electrical overstress.

- **Discoloration**
- **Deformations**
- **Melting**
- **Blisters on the housing**

The affected components shall be replaced immediately! Use only OEM spare parts.

CLEANING AND DISINFECTION PLAN



	Part	Application	Cleaning and disinfection activities	Interval
1	**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 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 device.	After each session
2	**Control panel**			
3	**Acrylic panes**	Directly on the surface		
4	**Protective goggle**			
5	**Floor plate**	Directly on the surface		
	Tubes		Remove tubes and clean them with a damp chamois.	200 operating hours
	Other 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	2000 h / 1 Year	5000 h / 5 Years	10000 h / 10 Years	Activity
Acrylic panes	X				Inspect and replace as necessary
		X			Replace
Sleeve of the door cable entry		X			Inspect and replace as necessary
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
Tubes, starters and color filters decorative lighting		X			Replace
Electrolytic capacitors		X			Inspect and replace as necessary
				X	Replace
Contactors		X			Inspect and replace as necessary
				X	Replace

Component	After approx. 250 operating hours	After approx. 500 operating hours	After approx. 1000 operating hours	Activity
Tubes and starters		X		Replace

Additional or recurring inspections	
Every 6 months cleaning service	Make sure that the inside and outside of the device is cleaned and free from dust, fluff or objects. See 9.1 -> Operating Instructions, Inadequate cleaning leads to overheating. As a result, this can lead to damage of the device.
Every 12 months inspection	Please note that the 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 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 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.

10.3 Tools and aids

	Hexagon socket screwdriver Wrench sizes: 4mm
	Standard Phillips screwdriver (PH2)
	Suction cup
	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, unless the corresponding process can be carried out by one individual person without any further auxiliary equipment.

	The assembly is basically carried out in reverse order of the disassembly. Exceptions are specifically pointed out.

10.4 Acrylic panes

The acrylic panels used for the devices are made of acrylic glass especially developed for this application, as an easy-care, hygienic surface that is gentle on the skin.

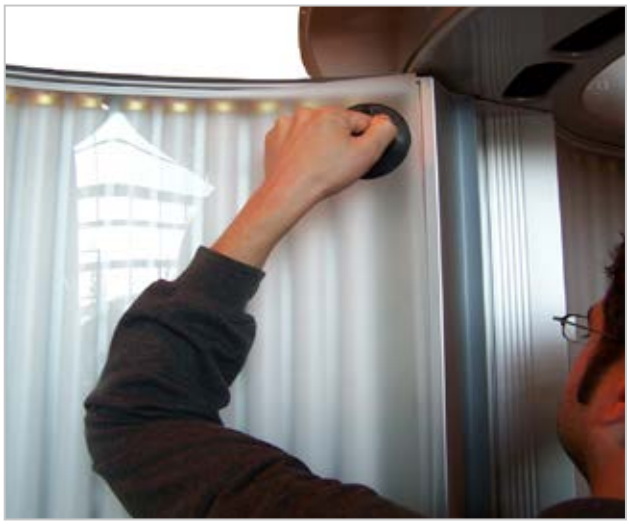
- The instructions for cleaning and care must be observed!
- The outer surface can be cleaned without any preparatory works.

	The panes are cleaned from the inside whenever necessary. When cleaning the inside, it is recommended to clean also the tubes.

REMOVING ACRYLIC PANES

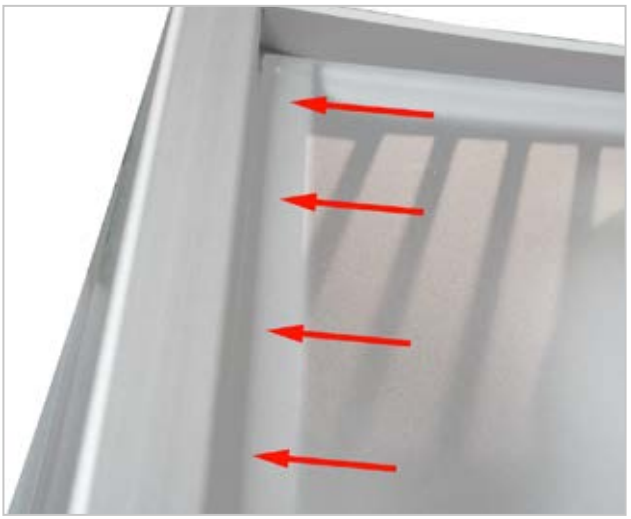
Push the pane centrically towards the tubes (e.g. with your elbow) and pull the upper right-hand corner of the pane out with the help of the suction cup.



Take hold of the pane from behind and release the right-hand side in a downward movement. The pane can then be removed.



To install the pane, insert its entire left-hand side and press it against the aluminium section.



Bend the pane and push it over the right-hand edge of the aluminium section. Due to the pane being bent, it rests in its position.

10.5 Tubes

By regularly cleaning the tubes you can help preserve their performance.

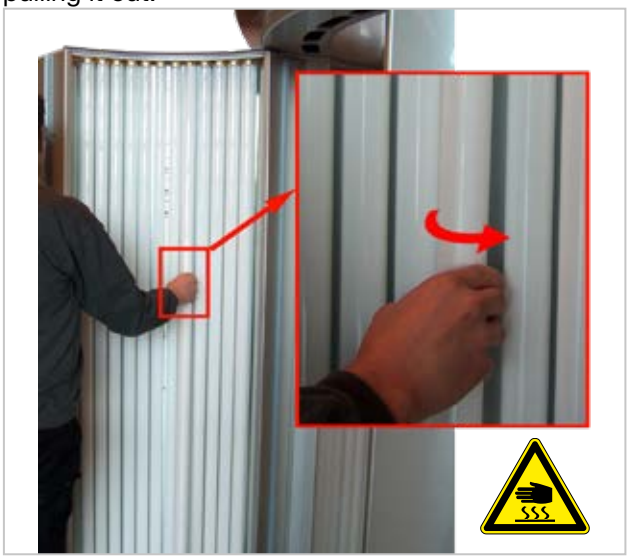
- When installing the tubes, make sure that the tube inscription is visible. If it is installed in a different position, there will be no effect.
- After new tubes have been installed, the operating hours of the tubes must be reset in the service menu.

Improper maintenance can cause the device to be damaged or to become unusable.

When replacing the tubes, you must also replace the starters. Replace tubes and starters only against ones of the same type.

Dismantle the acrylic panes as it is described in the section “Acrylic panes”.

Dismantle the tubes by turning each tube a quarter turn towards the front or towards the back and then pulling it out.



Make sure that the inscription on the tubes is visible, for otherwise, there will be no effect.

When installing new tubes, replace the starters first.



The assembly is carried out in reverse order. Reset the operating hours counter in the service menu.

10.6 Interior unit lighting

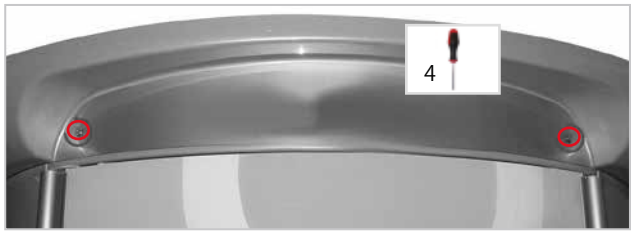


If the device is lighted by means of high-performance-LED's, these can only be replaced by a qualified specialist if they are defective. In this case, contact the service department!

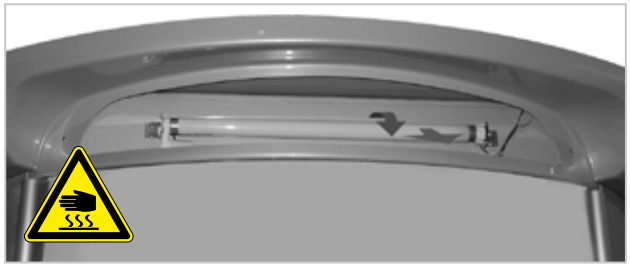
If the device is lighted by means of fluorescent lights, proceed as follows:

TOP CROWN

- Undo the two screws at the facing of the "Tower lighting in top crown" and remove the facing.



- Turn the lighting tube a quarter turn towards the front and take it out towards the front.



- Replace the lighting tube and, if present, the colour filter.
- Fasten the facing again.

DOOR

- Place a suction cup in the centre of the respective pane and slowly pull the pane towards the front.



- Loosen the pane at one corner and go on downwards, then pull the pane off.



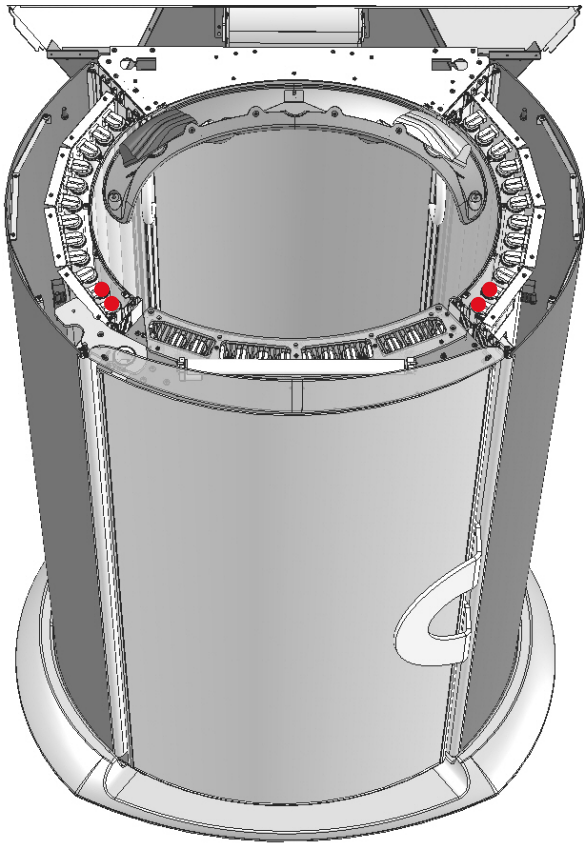
Caution
Place the door panel carefully on a padded surface.

There is one decorative tube beneath the door panel. Turn the tube a quarter turn to the right and take it out towards the front. Replace the tube, the colour filter (if present) and the starter. Fasten door panel again.

LATERAL PARTS

Dismantle the acrylic pane in the respective lateral part as described in section "Acrylic panes".

Remove the two front decorative tubes in the left and right lateral part (they are marked in the illustration below). Underneath you will find the lighting equipment.



Replace the decorative tube and, if present, the colour filter, with new parts.



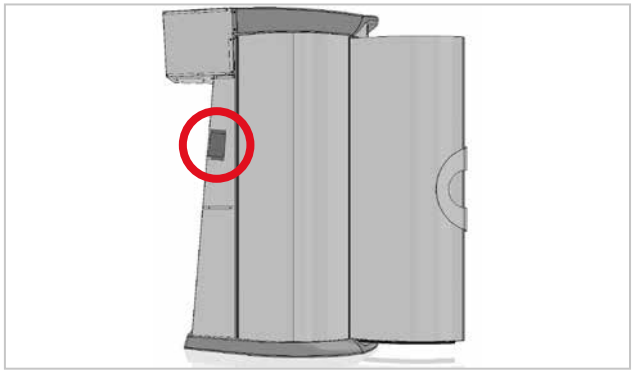
Re-install the tubes and the pane.

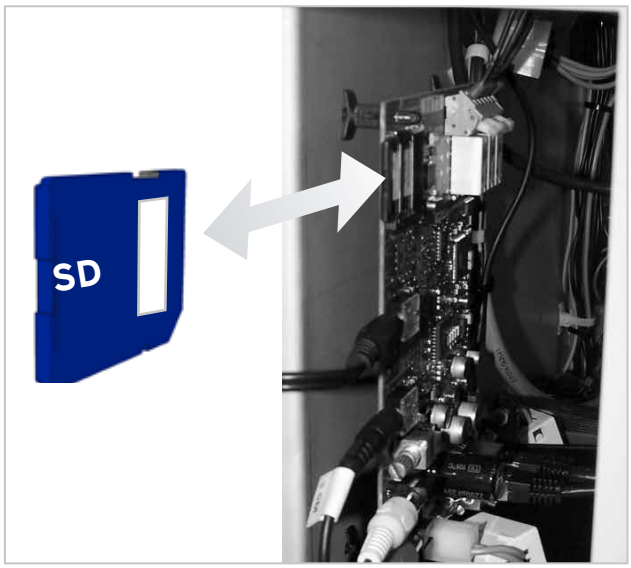
10.7 Recording to an SD card



REMOVING THE SD CARD

The SD card slot which contains the storage medium with the MP3 data from the internal MP3 player is accessible through a maintenance hatch on the left hand side of the device.





Please refer to the chapter “Technical data” for information regarding supported card sizes as well as file-system and MP3 formats. 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 absolutely not modify the data of the VOICE directory!

- Insert the card into the computer and wait for it to be recognised.
- Copy or delete MP3 files.

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 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!	Bimetal switch in the fan triggers.	Make sure the fan runs freely. Check the air-intake/air-exhaust system. Let the device cool down.
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 operaters V2.
20	CAN-BUS: preSelection display V1 is incompatible		
21	CAN-BUS: audio module full V1 is incompatible		
22	CAN-BUS: RGB module V1 ist 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.
26	Frequency detection: power supply connection faulty (connector X6/E6)!	Frequency detection failed. No mains voltage.	Check mainboard connector X6/E6.
28	Excess Temperature	Device is running at temperature limit	Let the device cool down. If the error repeats, contact your customer service.
29	Excess Temperature	Device exceeds the temperature limit	Let the device cool down. If the error repeats, 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.
210	Low battery charge, please renew	Button cell (CR-2032) of the control board discharged.	Replace the button cell (CR-2032).
212	Connection RGB module faulty	Communication between control and bus module has been interrupted.	Check / replace the patch cable. Acknowledge the message by pressing START. If the fault persists, contact your Customer Service.
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	Error voltage supply, please check	Power supply to the mainboard varies	Check power supply to the mainboard.
217	No voice files on the SD card, pleas 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.
220	OW to many sensors	General OneWire sensor error.	Contact your Customer Service.
221	OW sensor Typ B missing		
222	OW sensor Typ S missing		
223	OW sensor read error		
224	Check tubes and temperature sensor in the door	Temperature difference to high - between the one wire sensors.	Check tubes and thermal sensors in the door. Contact your Customer Service.
228	Check tubes and temperature sensor in the door	Minimum temperature is not reached or is fallen below in operation mode.	Check tubes and thermal sensors in the door. Contact your Customer Service.
229	Pleas close the door, check exhaust air	Temperature rise of 1,5 degrees in 18 seconds.	Close door. Check exhaust air.
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).	-

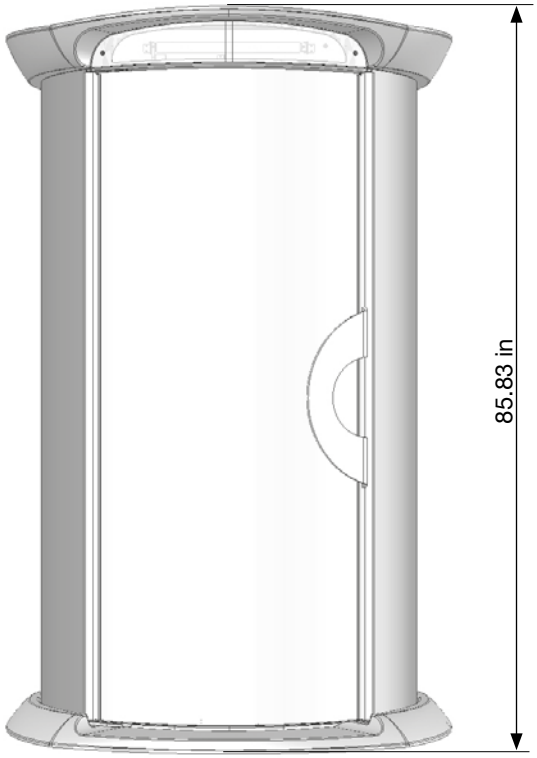
12. Technical Data

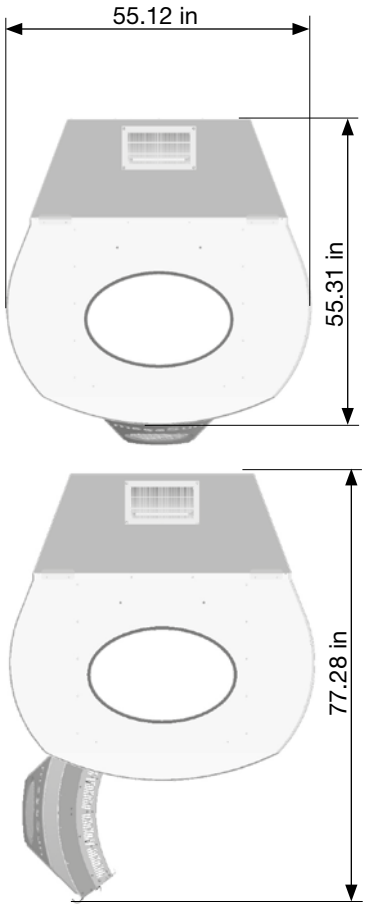
Ambient conditions		
Installation site	• In dry rooms (booths) with sufficient airing (intake and exhaust) • Relative humidity: ≤ 70% • Room temperature: ≤ 30°C (≤ 86°F)	• Minimum height of the room: 2270 mm (~89.37 inch) • Only on a non-combustible basement • Maximum operating altitude: 6500 ft
Weights and measures		
Dimensions in inches (height x width x depth)	85.83 x 55.12 x 55.31 (closed) 85.83 x 55.12 x 77.28 (opened)	
Weight	approx. 390 kg (~ 859.803 lbs)	
Floor plate max. load capacity	330 lbs	
Electrical connection values		
Protective class	IP 20	
Mains voltage	3-phase operation: 3x 220 V / ~ / 60 Hz - 2-phase operation: 2x 220 V / ~ / 60 Hz	
Wire cross section	3-phase operation: 4x AWG8 - 2-phase operation: 3x AWG4 THHN cable in a isolation tubing (e.g. flexible metallic conduit, utilizing appropriate connectors)	
Fuses	3-phase operation: 3x 40 A (for Canada with ground fault circuit interrupter (FI)) 2-phase operation: 2x 63 A (for Canada with ground fault circuit interrupter (FI))	
MP3 player	• 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	
Nominal power	10150 W	
Exhaust air		
Fan / blower	Minimum exhaust air flow rate: 528344 gal/h Exhaust-air socket - Diameter 300 mm (~11.811 inch).	
Exhaust air duct hose	Diameter 300 mm (~11.81 inch).	

Unit data: KBL Tower beauty SHAPER (T3/50 - 180 c)	
Tubes	50x beautyLight 1.9/18 - Item no: 3230074786

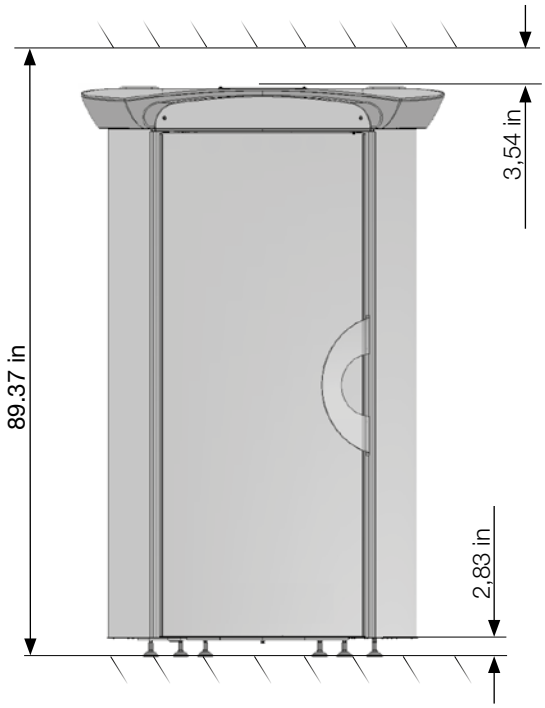
12.1 Dimensions and distances

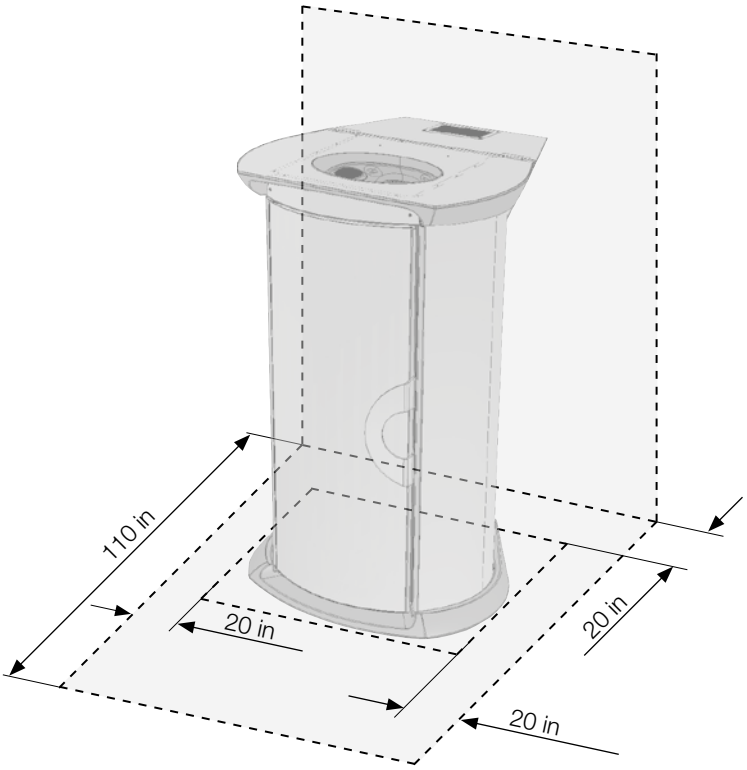
DIMENSIONS





DISTANCES





13. IMPLIED WARRANTY

TSU tanning supplies unlimited

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 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

KBL Tower beautyShaper

warranty card	Company Name/Contact:	
Delivery Address	Street: _____ City, State: _____ Zip Code: _____ Phone: _____	
Model	KBL tower beauty SHAPER	
Serial #		
ACS	o Yes	o No
megaVoice	o Yes	o No
Mp3-Sound-Box	o Yes	o No
Central Exhaust Air	o Yes	o No
Mains voltage	o 2-phase o 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

Remarks

KBL

The Beauty & Health Company



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