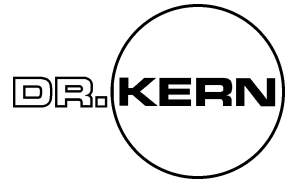


Technical Data

	24-0	26-0	29-0
Length	2000 mm / 79"	2000 mm / 79"	2000 mm / 79"
Width	1040 mm / 41"	1040 mm / 41"	1040 mm / 41"
Height	780 mm / 31"	780 mm / 31"	780 mm / 31"
Division of lamps:			
Canopy	12 x 100 W Lamps	14 x 100 W Lamps	14 x 100 W Lamps
Bench	12 x 100 W Lamps	12 x 100 W Lamps	15 x 100 W Lamps
Total output	2600 Watts	2800 Watts	3100 Watts
Rated current	14 amps	16 amps	18,5 amps
Fuse Protection	20 A	20 A	20 A
Power cord	SJT 14 AWG	SJT 14 AWG	SJT 14 AWG



ASSEMBLY AND USER'S MANUAL FOR SOLARIUM

PRIVATE SUN 29-0

PRIVATE SUN 26-0

PRIVATE SUN 24-0

DR. KERN WARRANTY AND RETURN POLICY

Dr Kern USA, Inc. (hereafter "Dr. Kern") warrants in accordance with the provisions appearing below, to each purchaser of a new Dr. Kern Solarium professional tanning bed ("Equipment") from an authorized Dr. Kern distributor.

- There shall be no warranties, express or implied, made by Dr. Kern except as are set forth in this Warranty and Return Policy regarding any Equipment purchased from Dr. Kern.
- The warranties set forth herein are extended exclusively to the original purchaser of Dr. Kern Equipment and are not transferable.
- Dr. Kern warrants the chassis and spring assisted canopy lift system on any Equipment against defects in materials and workmanship for a period of five (5) years from the date of original purchase. Lamps, lamp holders, starters, filters, gas shocks and acrylic sheets on any Equipment are warranted against defects in materials and workmanship for a period of thirty (30) days from the date of original purchase. All other Equipment components included as original equipment are warranted against defects in materials and workmanship for a period of one (1) year from the date of original purchase. Original customers must complete and return the enclosed warranty card within ten (10) days from the date of purchase to insure coverage of any potential warranty claims. Repairs that are required as a result of damage during transportation to the end user's location, as well as due to neglect, improper handling or faulty installation are expressly excluded from this warranty.
- Should the failure to conform with this warranty occur during the applicable specified period with respect to any Equipment, or component thereof, under normal and proper use and provided the Equipment, or component thereof has been properly stored, installed and maintained in strict accordance with any directives, instructions and operating procedures provided by the manufacturer, Dr. Kern shall, upon presentation of proof of purchase, correct such nonconformity at the option of Dr. Kern either by repair or replacement, F.O.B. factory, of the nonconforming part. Return of any Equipment or component part thereof pursuant to this paragraph shall be at the purchaser's risk and expense.
- Dr. Kern warrants any Equipment, or component part thereof, that is repaired or replaced pursuant to the above warranty, under normal or proper use, storage, installation and maintenance, against defects in design, workmanship and material for a period of thirty (30) days from date of start-up of such repaired or replaced Equipment.
- This warranty does not cover defects or damages to any Equipment resulting from misuse or failure to follow instructions. This warranty does not cover any incidental or consequential damages, labor on location, service calls, reinstallation, or expenses involved in shipping, packing, and returning goods. This warranty does not cover damages to any Equipment resulting from misuse, abuse, accident or alteration. This warranty does not cover damaged to any Equipment caused by fire, flood, explosion, earthquake, failure of power, lightning, power surge or other acts of God. Any alteration or repair to any Equipment other than by a factory authorized person will invalidate this warranty.
- THE FOREGOING WARRANTIES ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES OF ANY KIND, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF QUALITY, WHETHER WRITTEN, ORAL OR IMPLIED. ALL OTHER WARRANTIES INCLUDING THOSE OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED. Correction of nonconformities in the manner and for the period of time provided above shall be purchaser's exclusive remedy and shall constitute fulfillment of all liabilities of Dr. Kern whether in warranty, contract, negligence, tort, or otherwise with respect to the Equipment or component part delivered hereunder. Dr. Kern shall in no event be responsible for providing working access to the defect, including disassembly and reassembly of equipment or parts other than the Dr. Kern Solarium itself.
- Except as set forth in this warranty DR. KERN SHALL HAVE NO OBLIGATION OR LIABILITY OF ANY KIND ON ACCOUNT OF ANY EQUIPMENT OR COMPONENT PART THEREOF, AND SHALL NOT BE LIABLE FOR ANY INJURY TO PERSON OR PROPERTY, OR ANY OTHER LOSS OR DAMAGE, INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFIT, RENTAL OF SUBSTITUTE EQUIPMENT OR OTHER COMMERCIAL LOSS, EITHER DIRECT OR CONSEQUENTIAL ARISING OUT OF THE USE OR INABILITY TO USE THE EQUIPMENT.
- Return Policy.** As a general rule, Dr. Kern products, including Equipment, cannot be returned. Before any Dr. Kern products, including Equipment, may be returned to Dr. Kern for repair, credit, or otherwise it is required that prior authorization is obtained from Dr. Kern and that such return shipment is clearly marked with an RGA (Return Goods Authorization) number issued by Dr. Kern customer service. No return of Equipment or other products will be accepted by Dr. Kern unless such return shipment is clearly marked with the RGA number. Any return shipment to Dr. Kern must be insured and freight prepaid at purchaser's expense. All return shipments are shipped FOB, freight collect, best way unless arranged otherwise in advance. Final acceptance of returned Equipment or other products is subject to factory inspection. Restocking charges will apply to any return of Equipment or other products.

Guarantee / Registration card

In the event of complaint, please send this guarantee slip - together with the sale invoice in all cases - to your dealer or to the after-sales service center.

Date of purchase:

Dealer:

Type marking (article and serial number):



WARNING:

● Read the instructions booklet before using this product. ● When using a folding combination machine with bench and canopy, lie down on the bench and pull the canopy down until it will move no further. When using a canopy only, lie down and pull the canopy down as far as the stand will allow.

● Operation of this device closer to the body than the recommended minimum distance for use may result in overexposure. ● Recommended eyewear: Provided eye-shields (Intrexco Nr. 5635/1s) or equivalent eyewear as defined under 21 CFR 1040.20 2(b) (6).

One pair of protective eyewear is furnished with this equipment and should be worn by all persons in the room when lamps are on. Disconnect power cord before attempting to clean, replace lamps or engage in the maintenance of this product. THE FOLLOWING LAMPS HAVE BEEN CERTIFIED FOR USE IN THIS EQUIPMENT: **DR. KERN excellent E20 100 W** or compatible types.

THIS PRODUCT CONFORMS WITH PERFORMANCE STANDARDS FOR SUN LAMP PRODUCTS UNDER 21 CFR PART 1040.20

DANGER

Ultraviolet radiation. Follow instructions. Avoid overexposure. As with natural sunlight, overexposure can cause eye and skin injury and allergic reactions. Repeated exposure may cause premature aging of the skin and skin cancer. **WEAR PROTECTIVE EYEWEAR; FAILURE TO MAY RESULT IN SEVERE BURNS OR LONG-TERM INJURY TO THE EYES.**

Medication 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. Minimum use distance is 1 inch or 2.54 centimeter. Tanning may appear after one application provided that your skin is capable of developing a suntan. Allow 48 hours between sessions to obtain a base tan, once or twice per week to maintain appearance.

Important Notices

- This solarium must be connected to a single phase 220 V 60 Hz power source.
- This solarium may only be used in a dry area, free of liquid spray or high humidity (below 70 %). The ambient temperature should not exceed 28 degrees Celsius (85 Degrees Fahrenheit), otherwise the surface temperature of the bench may become warm.
- To prevent overheating of the solarium, air intake vents and fan output areas must not be blocked.
- In the event of a ventilation fan failure, the solarium will operate warmer than normal, and should be shut down immediately to repair or replace the fan.
- Insure that the solarium is disconnected from the main power source when replacing lamps, starters, or acrylics, as well as during maintenance or cleaning.
- Electrical reparation may only be conducted by an authorized technician.
- The floor surface upon which the solarium is to be placed must have a support rating of at least 150 Lb. per square foot. If the surface rating cannot be officially confirmed, Dr. Kern USA must be contacted for further instructions prior to installation.

- The solarium is operated with 220 V single phase. Only a power cord 3 x AWG 14 SJT or equivalent with a maximum length of 25 ft may be used.

Important Things to know before Tanning

The irradiance output of this solarium has been calibrated for optimum effectiveness. Only the highest quality reflector lamps and acrylic sheets are employed to provide the best possible tanning performance at maximum UV-transmission levels. The "Te / Tm" (Time to Erythema relative to Time to Melanogenesis) has been precisely formulated and expressed in the recommended maximum exposure schedule (MED), which should never be exceeded. In both commercial and residential application, the user should consult his or her physician about indoor sun tanning and its effects on their condition before using this solarium. Persons taking prescription medications must always take care that such substances do not increase the level of sensitivity to UV light, and may not tan if any warnings are issued by their respective manufacturers or the prescribing physician.

Removal and installation of lamps and starters

Turn each lamp so that one of the bipins can be seen through the lampholder groove. Take the lamp out carefully. Replace the new lamp in the reverse manner. Then turn the lamp 90 degrees in the direction to where the writing on the lamp is visible.

The starters should be changed with each lamp replacement. To do this, press inward on the starter and turn it until it comes free from its fixture. Replace the new starter in the reverse manner.

If the lamp is assumed to be faulty and works in another lamp-holder, the defect could be in the starter. This can also be tested by exchanging the starter. To do this, turn it to the left until it comes free from its fixture. Turn the new starter to the right.

Afterwards clean all lamps, the reflector and the acrylics with a soft cloth and replace the acrylic sheets using the reverse method.

Ventilation of the Solarium

The ventilation system employed in your new solarium is the best possible. Cool air is drawn into vents at the base of the unit.

The strongest ventilation is at the bench acrylic area. With the strong air circulation, dust will be carried into the solarium and deposited onto its internal components. Any accumulation of dust will hinder the ventilation efficiency of the main fans. For this reason the solarium should be cleaned on a regular basis. Bear in mind that cool air can reduce the temperature of this machine better than warm air. Insure that the room in which the solarium is operated is sufficiently supplied with cool, fresh air.

Cleaning the Solarium

Disconnect the power from the machine before each cleaning. Use only a moist cloth during cleaning.

Cleaning of the Acrylic Glass Sheets

Use only material that contains no alcohol, amonia, or any other caustic substances. Use of these materials on the acrylic sheets will damage them, thereby voiding the warranty.

Electrical connection

The main power input terminal is located inside the canopy under the canopy cover. For installation or replacement of the power cord, the top canopy cover must be removed.

This can be done by first removing the plastic end caps from the canopy and then removing the screws that run lengthwise across the back edge of the canopy cover.

Remove the canopy cover and feed the power cord through the strain relief inlet and over to the right hand side of the terminal strip. Connect the wires to the appropriate terminals (fig. 13) and replace the canopy cover.

Attention: Before replacing the canopy cover be sure that all three power wires (especially the ground wire) are connected properly and that the power cable is securely fastened by the strain relief.

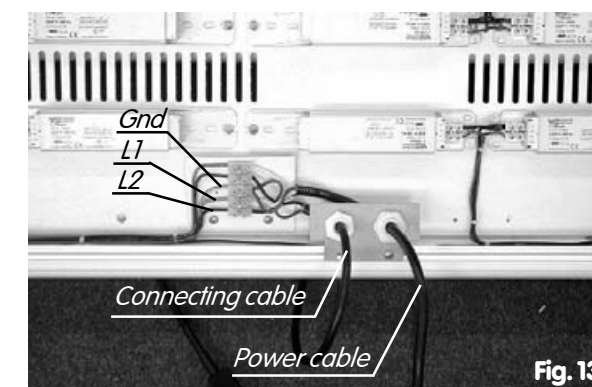


Fig. 13

For connection of the bench to the canopy fit the plug of the connecting cable to the appliance inlet below the rear of the bench (fig. 14).

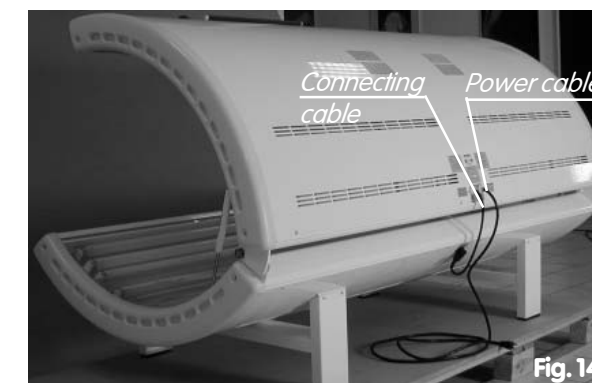


Fig. 14

How to Operate

Insert the canopy connection cable into the socket on the rear of the bench and the power cable into a wall outlet.

The solarium can be activated by turning the external timer knob (fig. 9) to the desired tanning time.

After the tanning time on the display has ended, the lamps will automatically shut off.

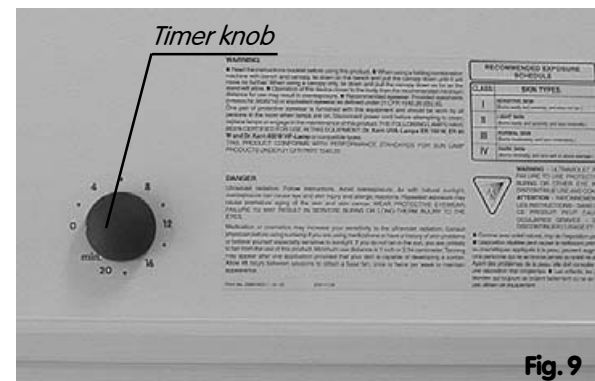


Fig. 9



Fig. 10



Fig. 11

Replacing the Lamps and Starters

The longevity of the fluorescent lamps vary from manufacturer to manufacturer, but is usually between 500 and 800 hours of use.

Only authorized, original parts and factory components can be used in this machine; please make sure to have your model type and serial number available when ordering these from your DR. KERN distributor.

THE FOLLOWING LAMPS HAVE BEEN CERTIFIED FOR USE IN THIS EQUIPMENT:

All lamps for bench and canopy: Dr. Kern E 100 W.

Disconnect the solarium before performing any work on it. The acrylic sheet in the canopy and bench must be removed to replace the lamps and starters.

Removing the bench acrylic

The acrylic sheet in the bench is held in place in a groove running along the rear and in a plastic mounting profile along the front longitudinal side.

To remove the acrylic sheet, the profile must be pushed out by using a small screwdriver as shown in fig. 10.

The acrylic sheet is then released along the front side and can be removed easily out of the rear groove from the recliner. See fig. 11.

To replace the acrylic sheet, insert it into the groove along the rear side and set it down on the supports in the bench.

Now press the sheet and the mounting profile slightly downward at several points along the front side.

When sufficient pressure is applied, the sheet and the mounting profile will snap into the groove.

Removing the canopy acrylic

The acrylic sheets have been placed with tension into the canopy grooves.

To remove the acrylic, press the sheet to the rear and down in the centre (up on the canopy) and pull it out from the front groove beginning on the far left side, using a small screwdriver as shown in fig. 12.



Fig. 12

NOTE: The acrylic sheets should be regularly cleaned. Use only **solvent-free, non-caustic** materials.

WARNING: Only lamps listed on the warning / Danger label, or those with certified Compatibility Declarations (Refer to CFR 1040.21) should be used as replacements. These lamps can be purchased from your authorized distributor.

Instructions on Tanning

Those persons who (1) do not tan in the natural sun or have type 1 skin (see warning label on unit), (2) are under 16 years of age - without written parental consent, and (3) are currently taking photo-sensitive medications or are afflicted with skin disorders or skin cancer, may not tan in this solarium.

The preset distance between the canopy and bench may not be altered for any reason.

Please read and observe the information outlined in the warning / danger labels and recommended exposure schedule.

If equipped with a face tanner, do not use this machine if any of the face tanning filter glasses is cracked or broken.

Overexposure of ultraviolet-radiation from the sun and this machine can cause sunburn, as well as damage to unprotected eyes.

Unusually frequent exposure to ultraviolet-irradiation from sunlight or this machine can cause premature aging of the skin and skin disorders.

High levels of UV-radiation can cause infections and damage the retina of the unprotected eye. Cataracts can also be caused by repeatedly exposing the unprotected eye to UV-radiation.

Special care should be taken to insure that medications taken or cosmetics worn during tanning are not UV-sensitive.

As such the following precautions must be taken:

- Always use the included protective goggles;
- Remove all facial cosmetics and paba-based SPF before tanning in this machine;
- Do not tan in this machine if you are taking medications that may cause your system to become UV-sensitive. Ask your physician in advance of tanning;
- Always wait at least 48 hours between tanning session. Never more than once per day;
- Always observe the warning / danger labels as well as the exposure schedule;
- Always consult your physician should skin swelling, lesions, or "liver spots" appear on the skin.

Exposure schedule

The recommended exposure schedule has been indelibly adhered to the canopy cover, and should be followed explicitly.

The MED (Maximum Erythermal Dosage) or maximum tanning time may not be exceeded.

Exposure distance

The distance between the canopy and the bench may not be altered for any reason.

For Commercial and Residential Operators:

1. No one under the age of 16 should be allowed to tan without the express, written consent of a parent or guardian.
2. The distance between the lamps and an individual tanning in this solarium has been preset, and may under no conditions be altered or lessened.
3. UV radiation can cause damage to the skin and eyes. Insure that you and your staff have been properly trained by a state or provincially - authorized educational organization to give adequate usage instructions to tanning customers.
4. Obey the contents of the danger and warning labels affixed to the solarium, and do not attempt to override the MED (maximum exposure dosage) session times.
5. Insure that all users of this solarium are given eye protection, of the type approved by your respective state's or province's health and / or radiological control agency, and insist that they be at all times when the unit's lamps are lighted.
6. Instruct all users to remove any make-up or facial cosmetics before using the solarium.
7. Be sure to not allow any individual to tan more than once during the course of a 24 hour period.
8. Do not allow any individual to tan should they appear physically sick, disoriented, under the influence of alcohol, or display signs of swollen or infected skin. Insist that any such person goes immediately to their physician if they complain of injuries or burned skin before or after tanning.

RECOMMENDED EXPOSURE SCHEDULE		MAXIMUM EXPOSURE TIMES (IN MINUTES)			
CLASS:	SKIN TYPES:	week 1	week 2	week 3	MAX
I	SENSITIVE SKIN (Burns easily and severely, and does not tan.)	TANNING NOT ADVISED			
II	LIGHT SKIN (Burns easily and severely, and tans minimally.)	4	8	11	15
III	NORMAL SKIN (Burns moderately, and tans modeately.)	6	10	14	18
IV	DARK SKIN (Burns minimally, and tans well or above average.)	8	12	16	20

9. Recommend to your customers that they apply a moisturizing lotion after tanning.
10. Make sure that there is enough room to move the parts of the machine into the cabin, and that there is sufficient space in the cabin itself for proper installation.

After tanning

It is advisable to apply a moisturizing lotion on the skin after tanning.

Electrical requirements

The electrical requirements for all 220 Volt combinations are: 220 Volt dedicated circuit

- 14 AWG SJT Power Cord
- 20 Amp rated breaker

Operating any 220 volt combination at voltage levels below 220 or above 240 constitutes an automatic nullification of the warranty, as it could cause damage to the unit's system.

Please insure that your electrician and / or installer reads this information prior to delivery and setup. Using a digital volt meter, he or she must first determine the exact line voltage being delivered to the receptacle. If the line voltage is not within the specified range, employment of a buck-boost transformer will be requested to regulate it. Please contact your authorized DR. KERN dealer for pricing and availability on buck-boost transformers.

Tanning unit assembly

The tanning unit is delivered in two boxes on a pallet. Open the box containing the bench near the area designated as "this side up".

Firstly, the legs (1x left, 1x right), the gas springs, the head cushion as well as the accessory bag containing the assembly material have to be removed. Afterwards, lift the bench out of the box and set into place with the lamp side facing downwards.

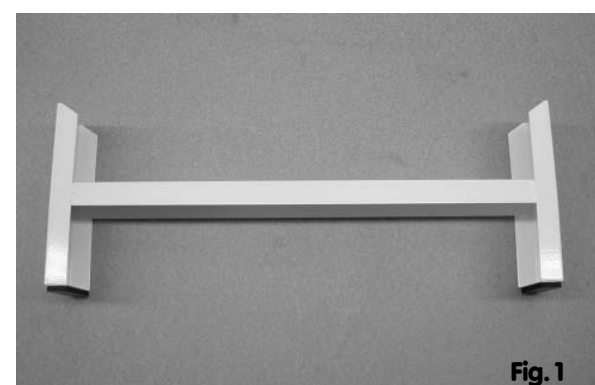


Fig. 1

In this position, attach the legs (fig. 1) to the fastening tabs (fig. 2) on the underside of the bench. This is done by positioning a leg on top of each of two opposite-facing tabs and fastening it with two screws (Ø 4,2 mm) from the accessory bag on each side, as shown in fig. 3.



Fig. 2



Fig. 3

Please note that the both legs are identical and can therefore be attached independently of position facing either right or left.

After fastening the legs, turn the entire bench over and set it on its legs.

Now, lift the canopy out of the box and put it next to the bench. Before it can be attached, the plastic bearings which have been provided have to be inserted into the holes of the bearing tabs on the left and right side of the canopy from the inside.



Fig. 4

Then lift the canopy to the top of the bench so that the front longitudinal supports from canopy and bench are aligned on the covered surface.

The holes in the bearing tabs in the canopy containing the previously inserted plastic bearings must now be aligned with the bearing tabs on the bench. In doing so, the canopy has to be lifted slightly.

It is important to make certain that the canopy storage tabs are always on the outside of the tanning unit.

Next, insert the bushing into the plastic bearing and fasten it with the screw (DIN 912 M8x20) from the accessory bag (fig. 5).



Fig. 5

Now the canopy is connected to the bench on both ends and can be readily moved up and down.

Mounting the gas springs

The next step is to assemble the gas springs that hold the canopy in the open or closed position.

First, remove the side panels from the canopy and bench.

As shown in fig. 6 and 7, remove the screws (M4x45) on the left and right of each side on the panels. Please note the spacing washers on the inside. They will definitely be needed later when reattaching the side panels.



Fig. 6



Fig. 7

After removing the side panels, note the ball-and-socket-joint bolts into which the ball joint connector of the gas springs brakes fasten on the back side of the canopy and bench. It is impossible to assemble the gas pressure springs incorrectly due to the fact that they are fitted with different sizes of ball joint connectors on top and bottom; i.e., they only fit one way. Nevertheless, make sure the pressure cylinder is facing upwards (fig. 8).



Fig. 8

When attaching the units, push the canopy up so that the ball cups can easily be inserted into the ball joint bolt.

Also, please make sure the safety rings are securely fastened to the ball joint connectors. This procedure is vital to a successful assembly. The tanning unit can only be used with properly installed gas springs and safety rings.

Finally, the side panels can be reattached to the bench and canopy by following the removal procedure in reverse order.