

# SunQuest® 2000S

**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 LONGTERM INJURY TO THE EYES.** Medications or cosmetics may increase your sensitivity to the ultraviolet radiation. Consult physician before using sunlamp if you are using medications or have a history of skin problems or believe yourself especially sensitive to sunlight. If you do not tan in the sun, you are unlikely to tan from the use of this product. Children, the elderly, or fair skinned people who always burn easily and either never tan or tan minimally should not use this equipment.

To use, lie down under the canopy and pull down toward your body maintaining at least 2 inches (5.1 centimeters) between your body and the wire grill, otherwise overexposure may occur. Do not use without the wire grill in place. Untanned persons should not tan on consecutive days during their first week of tanning. Never tan more than once a day. Tanning normally appears after the first few sessions and maximizes after approximately four weeks. Tan once or twice per week thereafter to maintain appearance. Persons already having a base tan may begin at advanced levels corresponding to the extent of their base tan.

#### Skin Type:

- I **Sensitive Skin** (Burns easily and severely and does not tan.)
- II **Light Skin** (Burns easily and severely and tans minimally.)
- III **Normal Skin** (Burns moderately and tans average.)
- IV **Dark Skin** (Burns minimally, tans easily and above average.)

RECOMMENDED EXPOSURE TIMES IN MINUTES					
Skin Type:	Level 1/Week 1 1st-3rd Sessions	Level 2	Level 3	Level 4	Subsequent Maximum
I Sensitive	NOT RECOMMENDED FOR TANNING				
II Light	3	6	9	12	15
III Normal	4	7	11	15	15
IV Dark	5	9	13	15	15

**MAXIMUM EXPOSURE TIME IS 15 MINUTES**

New lamps emit approximately 10% more ultraviolet radiation during the first 50 hours of operation. Recommended tanning times should therefore be reduced by approximately 10% during that period.

**WARNING:** • Read these instructions before using this sunlamp product. • All persons in the room should wear protective eyewear when lamps are on. Recommended eyewear: provided eyeshields or equivalent eyewear as defined under 21 CFR 1040.20. Other types of eyewear may not provide adequate protection. Failure to use protective eyewear may result in severe burns or other eye injury. If discomfort develops, discontinue use and consult a physician.

ONLY THE FOLLOWING LAMPS HAVE BEEN CERTIFIED FOR USE IN THE 2000S:

**DARK TAN™ Wolff® Model DT71-T12-100W BI-PIN**

**DISCONNECT POWER CORD BEFORE ATTEMPTING TO CLEAN, RELAMP,  
OR ENGAGE IN THE MAINTENANCE OF THIS PRODUCT.**

THIS EQUIPMENT MUST BE EARTH GROUNDED.

This product is in conformity with performance standards for sun lamp products under 21 CFR PART 1040.20 and ANSI/UL Standard 482.



**⚠ DANGER**

**Shock hazard.**

**Disconnect power before servicing or removing any protective covers.**

**Do not operate this device near water or while you are wet.**

**⚠ DANGER**

**Some medications may increase your sensitivity to ultraviolet light. It is recommended that you consult a physician before using this sunbed if taking any medication or if you suspect that your skin might be especially sensitive to sunlight.**

**⚠ WARNING**

**Wear protective eyewear.**

**Failure to may result in severe burns or longterm injury to the eyes.**

**⚠ WARNING**

**DO NOT unbuckle handling strap with unit upside-down.**

**Always place on floor with wheels down.**

**Failure to may result in injury from rapidly opening stand.**

**⚠ CAUTION**

**Air from the room is used to cool the sunbed. Maximum ambient room temperature should be 80°F. Place your sunbed no closer than 6" from any wall. Make sure nothing obstructs the airflow into the sunbed's endcaps or out of the fan openings. A poorly ventilated room may cause the unit to become hot and cause discomfort to the user.**

#### Electrical Requirements

Your sunbed operates from a **120V AC** source. You should have a **NEMA 5-15R** electrical outlet (like the one shown below) installed in the room in which you will use the unit. The outlet should be on a dedicated circuit capable of providing 15 Amp service. We recommend installation by a professional electrician. The outlet must be earth grounded.

**15 AMP NEMA #5-15R  
RECEPTACLE**



#### Unpacking and Inspection

Your suntanning canopy comes in a single cardboard carton, fully assembled. Pull back the plastic sheet and, with a helper, grasp the canopy and pull it from the carton bottom, leaving the plastic wrap and the carton packaging. Do not try to lift the unit with the plastic still on as it may slip. You should also find a pair of safety goggles.

Inspect the unit and make sure it is free from any visible damage. Report the extent of any damage to the transportation company.

## Transporting

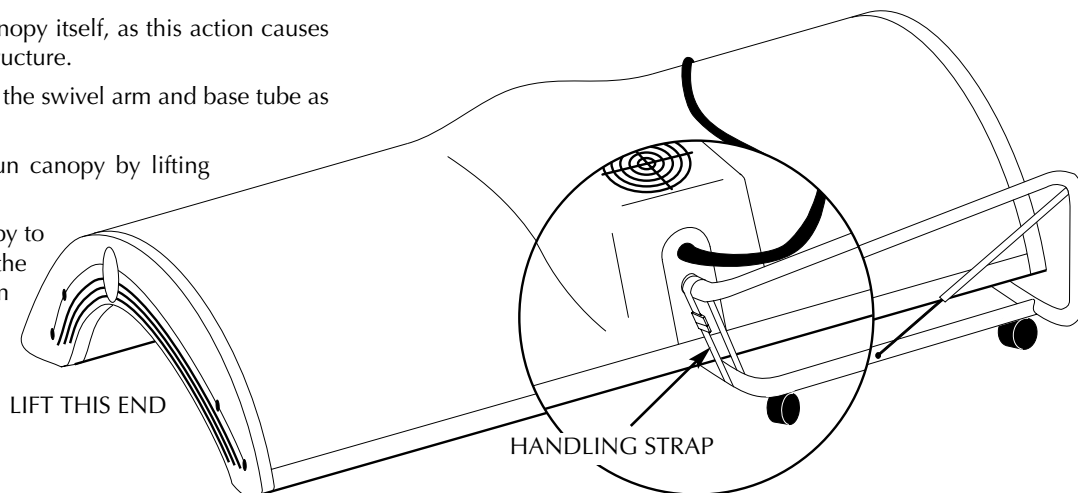
Your sun canopy comes with a handling strap attached on the swivel arm, this strap should be used when transporting the sun canopy.

- Lower the sun canopy to its fully closed position by pressing down on the swivel arm.

**Note!** Do not press down on the canopy itself, as this action causes added stress to the canopy structure.

- Buckle the handling strap around the swivel arm and base tube as shown.
- One person can now roll the sun canopy by lifting one end.

**Note!** When maneuvering the canopy to go through a doorway tilt the canopy so that the swivel arm is down.



## Using Your Sunbed

### Before you tan

Before using your sunbed, please note the following important precautions.

- Your skin should be free of cosmetics, tanning oils, or other body lotions prior to tanning except for those specifically made for use with tanning devices. However, do not remove natural body oils by bathing or showering immediately before tanning.
- This unit intended for individual use. Only one pair of eyewear is included.

### Exposure Times

Follow the guidelines for skin type and exposure times as shown in the table in the Safety Information. Untanned persons should not tan on consecutive days during their first week of tanning. Never tan more than once a day. Tanning normally appears after the first few sessions and maximizes after approximately four weeks. Tan once or twice per week thereafter to maintain appearance. Persons already having a base tan may begin at advanced levels corresponding to the extent of their base tan.

### Operation

Your sunbed is designed for individual use. Always wear the safety goggles supplied with your sunbed or another approved pair of goggles, as defined under 21 CFR 1040.20. Regular sunglasses do not provide adequate protection from ultraviolet light.

**Step 1** Release the buckle on the handling strap and raise the canopy by lifting the swivel arm. Extend the canopy to its fully open position.

**Step 2** Put on your goggles. Set the timer (on top of the canopy) to the desired number of minutes (after first determining the proper time period from the table in the Safety Information). The lamps will turn on as soon as you move the rotary dial from the "0" position.

**Step 3** Lie on a bed or cot and position the canopy over your body. Grasp the canopy at its edges, near its center pivoting point, and pull toward your body. For best results position the canopy close to your body, but no closer than two inches.

**Step 4** When the timer reaches 0, the lamps will automatically turn off.

## WARNING

**DO NOT unbuckle handling strap with unit upside-down.**

**Always place on floor with wheels down.**

**Failure to may result in injury from rapidly opening stand.**

## Timer Maintenance

Your sun canopy is equipped with a backup shut-off timer which will automatically turn off the canopy in the unlikely event of a malfunction of the primary timer. This important safety feature also prevents the user from resetting the timer before the end of the pre-set maximum time interval. The electronic timer limiting circuit is automatically reset each time the primary timer is turned to the OFF position.

Annually, or whenever your sunbed is re-lamped, check the operation and accuracy of the timer system as follows.

## CAUTION

**Do not perform these tests with a person in the sunbed. Doing so may lead to overexposure which can cause eye and skin injury and allergic reactions.**

- 1 Obtain an accurate watch capable of measuring in seconds. Set the timer to the maximum time. Using the watch, time how long the lamps remain on. The lamps should shut off within plus or minus 10% of the maximum timer interval.
- 2 Set the timer to the maximum time. Wait ten minutes, then turn the knob back to the maximum time position. The electronic time limiting circuit should turn the lamps off at an elapsed time equal to approximately 10% beyond the maximum timer interval, even though the primary timer continues to show time left.

Contact your place of purchase if your timer does not operate properly, or if you experience difficulty with these tests.

## Care and Maintenance



### Thorough Periodic Cleaning

The cooling fans draw air through the unit and will cause a dust buildup on the fans, lamps and reflector. This will reduce the tanning effectiveness of the unit. When a dust buildup is observed, it is necessary to thoroughly clean the inside of the unit.

- 1 Remove the metal grill and lamps as described in *Replacing Lamps*.
- 2 With a soft cloth, wipe the entire length of each lamp.
- 3 Clean both sides of the grill with a non-ammonia disinfectant cleaner.
- 4 Wipe the reflector with a clean damp cloth.
- 5 Re-install the lamps and grill.
- 6 Use a vacuum to clean the cooling fans.

### Mechanical Inspection

Inspect the unit's mechanical integrity every 400-500 hours of use.

- Inspect the unit's fasteners verifying that all are firmly in place.
- Inspect the gas spring for signs of wear. Lift and lower the canopy a few times and then leave in the fully open position. Replace gas springs that will not hold the canopy in the fully open position when raised.
- Inspect the timer as indicated in *Timer Maintenance*.
- Inspect the AC power cord and its connections.

### Replacing Lamps

To be assured of maximum tanning effectiveness, change lamps after approximately 800-1000 hours of use. Tanning will continue after this time but at a slower rate. To ensure trouble-free operation of your sunbed, replace the lamp starters whenever the lamps are replaced.

- Step 1** To remove the metal grill you must remove either endcap. The endcaps are held in place by four Phillips-head screws. Slide the grill out of the canopy as shown below.
- Step 2** Grasp a lamp at one end and at the middle, then turn the lamp a quarter turn. The lamp may then be gently removed from its holder.
- Step 3** To reinstall a lamp, insert the pins located on the ends of the lamp into the slots on top of the lamp holder and turn the lamp a quarter turn.
- Step 4** Slide the grill back into the canopy and secure the endcap.

### Recommended Replacement Lamps

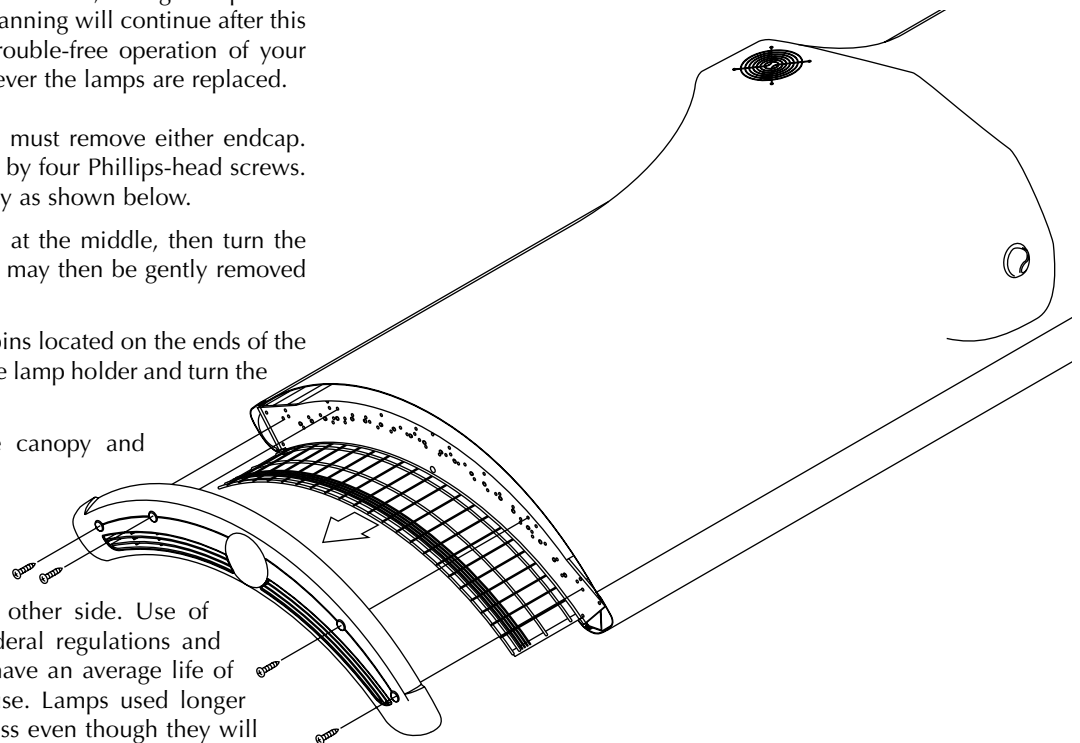
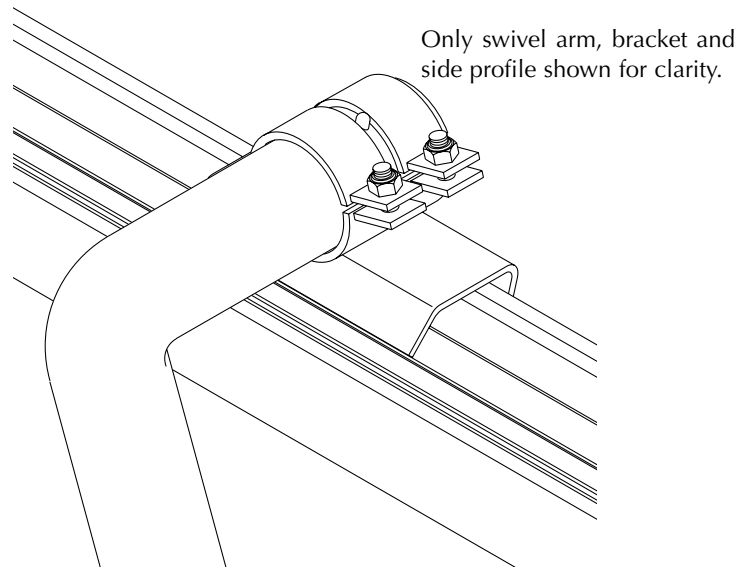
We recommend using the lamps specified in the Safety Information on the other side. Use of uncertified lamps is a violation of Federal regulations and will void your warranty. These lamps have an average life of 800-1000 hours of effective tanning use. Lamps used longer than that begin to lose their effectiveness even though they will continue to light.

## Swivel Adjustment

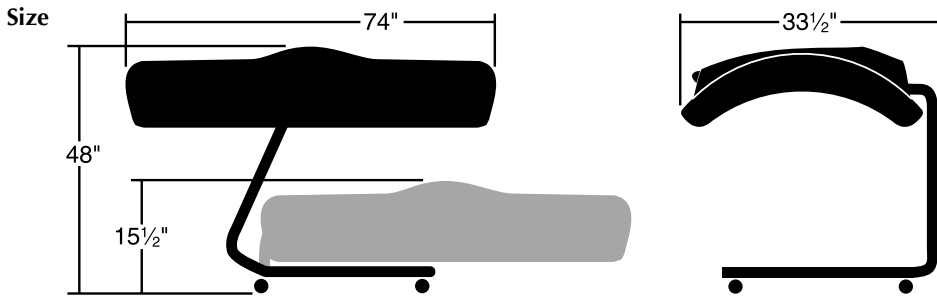
Over time you may notice your sun canopy does not hold its position when tanning. Where the swivel arm enters the canopy, under the canopy cover, is a bracket that controls the rotation friction of the unit.


- Step 1** Remove the endcaps from the canopy. They are held in place by four screws each.
- Step 2** Remove the two screws at the back of the unit that hold the canopy cover to the power bracket. You may then pry the cover up enough to gain access to the bracket (shown below).
- Step 3** To adjust the rotation friction simply turn the nuts on the bracket (clockwise to tighten and counter-clockwise to loosen).

Reverse the above instructions to put your canopy back together



2000S



<b>Weight</b>	89
<b>Electrical -</b>	
Voltage (AC)	120
Amperage	10
Circuit Breaker (Amps)	15
Outlet (NEMA standard)	 5-15R
<b>Main Lamps</b>	<b>DARK TAN™ 100W</b>
<b>Ballasts</b>	100W Electronic
<b>Timer System</b>	Electro-mechanical
<b>Max. Exposure Time</b>	15minutes
<b>Back-up Timer</b>	Redundant Solid-State

<b>Problem</b>	<b>Solution</b>
<b>Troubleshooting</b>	
Lamps fail to light	<ol style="list-style-type: none"> <li>1. Check source of AC power. Reset circuit breaker or replace fuse if necessary.</li> <li>2. Make sure the unit is plugged into outlet.</li> <li>3. Make sure timer dial is turned to a number past 0.</li> </ol>
One or more lamps fail to light	<ol style="list-style-type: none"> <li>1. Check that lamp is installed correctly.</li> <li>2. Switch unlit lamp with a lamp that lights. If the new lamp lights and the old lamp still does not, replace old lamp.</li> <li>3. If replacing lamp does not remedy problem, contact your service representative.</li> </ol>
Canopy fails to stay in the up or down position	<p>Gas springs should hold the canopy fully up as well as allow it to rest fully closed. If the canopy is left up for an extended period of time it may creep down. This is considered normal. Keep the canopy closed when not in use. Replace gas spring when it no longer has sufficient power to hold the canopy up when raised.</p>
Sunbed does not stay lit	<ol style="list-style-type: none"> <li>1. Check source of AC power. Reset circuit breaker or replace fuse if necessary.</li> <li>2. Check timer system per maintenance instructions in this guide. Contact your service representative.</li> </ol>

**STANDARD 18 MONTH WARRANTY**

Your ETS Distributor (including ETS, Inc. if purchased directly), through a manufacturer's warranty, warrants your tanning unit to be free of structural defects in material and workmanship, under normal use, for its lifetime. Your ETS Distributor will, at its discretion, repair any structural defect which materially affects the performance of the tanning unit, or replace the tanning unit.

For eighteen (18) months following the shipping date of your tanning unit, your ETS Distributor will provide replacements for parts that prove to be defective in material or workmanship. Fluorescent lamps, and lamp starters are warranted against manufacturer's defects for a period of ninety (90) days following the shipping date of your tanning unit. Acrylics will be warranted against manufacturer's defects for a period of 1 year (prorated).

Labor costs associated with repair or replacement work covered by this warranty will be reimbursed for repair or replacement work required to be performed for a period of 6 months following the shipping date of your tanning unit. Normal wear and tear, damage from misuse or abuse, damage incurred in transit or damages resulting from unauthorized repairs or modifications are not covered by this warranty. Warranty coverage does not include cosmetic abnormalities such as scratches, nicks, dents, or other cosmetic changes that do not materially interfere with the function of the tanning unit.

THIS STANDARD 18 MONTH WARRANTY IS EXPRESSLY MADE IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE HEREBY DISCLAIMED. No one has the authority to change or modify this Standard 18 Month Warranty in any respect. To obtain service under this Standard 18 Month Warranty, contact your authorized ETS Distributor (or ETS, Inc. if purchased directly). Proof of purchase, including serial number, is required.

IN NO EVENT SHALL YOUR DISTRIBUTOR OR THE MANUFACTURER BE LIABLE AT LAW OR IN EQUITY FOR ANY LOSS, LIABILITY, DAMAGE OR EXPENSE IN AN AMOUNT IN EXCESS OF THE PURCHASE PRICE RECEIVED, OR FOR LOSS OF USE OR PROFITS, LOSS OF TIME, INCONVENIENCE, RENTAL OR SUBSTITUTE PRODUCTS, LOSS OF BUSINESS, LOSS OF INCOME, OR ANY OTHER INCIDENTAL, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES. Some states do not allow the exclusion or limitation of incidental or consequential damages, and the above limitation or exclusion will not apply to residents of some states. This Standard 18 Month Warranty gives you specific, legal rights and you may have other rights which may vary from state to state.

All warranty service must be performed by an authorized service person. All labor charges must be authorized by your ETS Distributor prior to the start of repairs and must not exceed the established rates and time allotment policies established by your ETS Distributor. If your tanning unit must be returned for service, all freight charges shall be at your expense. Contact your ETS Distributor for the authorized Service Center nearest you. This warranty is serial number specific and only applies to tanning units purchased through an authorized ETS Distributor. This warranty is extended to the individual or legal entity whose name appears on the original sales document and may not be transferred to any other individual or legal entity. This warranty is void if the tanning unit is modified in any manner from its original design.

**To obtain warranty service contact your place of purchase. Proof of purchase, including serial number, is required for verification. Contact ETS, Inc. only if you purchased your equipment directly.**

