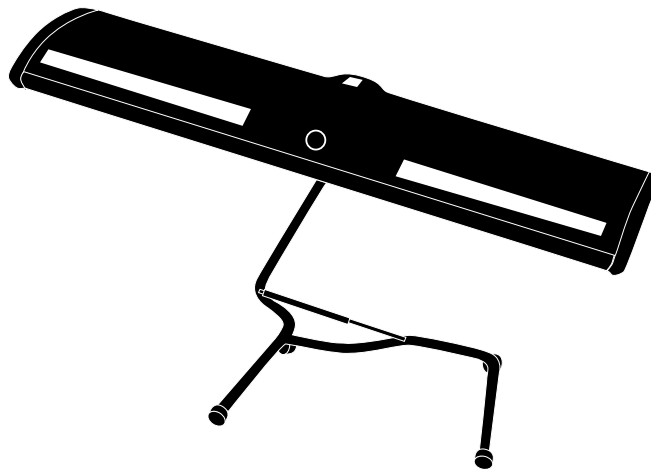




ASSEMBLY AND USER GUIDE



M O D E L S Q 2 0 0 0 S / 3 0 0 0 S

21161A

Lifetime Warranty



What Is Covered?

SunQuest warrants your tanning unit to be free of structural defects in its material and workmanship, under normal use, for its lifetime. *SunQuest* will repair or replace, at their discretion, any defect to the structure which affects the performance of the unit.

For 6 months from the date of purchase, *SunQuest* will provide replacements for parts that prove to be defective in material or workmanship. Acrylic shields, fluorescent lamps, and lamp starters are excluded from this warranty. Labor will be covered for 30 days from purchase date. Normal wear, damage from misuse or abuse, damage incurred in transit, or damage done by unauthorized repairs or modifications are not covered by this warranty.

How to Obtain Service

All warranty service must be performed by an authorized service person. If your tanning unit must be returned for service, all freight charges must be at your expense. Contact your place of purchase for the address of the *SunQuest* Service Center nearest you. Proof of purchase is required to obtain warranty service.

Other Provisions

This warranty covers the original purchaser only. This warranty is void if the unit is modified in any manner from its original design.

This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state.

Welcome



Congratulations on your purchase of this technologically advanced sun tanning unit. It has been designed to provide years of dependable service for you.

Please read all the instructions in this booklet before installing and using the unit. Always be sure to observe all safety precautions.

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Safety Information



LABELING NOTICE: Labels are affixed on all systems to inform the user of possible dangers. Regulations are stated in 21 CFR, Section 1040.20, and require that all products manufactured after September 8, 1986 which use sunlamps must display the following:

DANGER Ultraviolet radiation. Follow instructions. Avoid overexposure. As with natural sunlight, over-exposure 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 ultra-violet 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.

Do not use without clear plastic panels (or wire grid for models using wire grid) in place. Tanning normally appears after the first few sessions and maximizes after approximately four weeks. Tan once or twice per week thereafter to maintain appearance. Frequency of sessions should be limited to every other day. Persons already having a base tan may begin at advanced levels corresponding to the extent of their base.

RECOMMENDED EXPOSURE TIMES IN MINUTES		MAXIMUM EXPOSURE TIME IS 20 MINUTES				
Skin Type:	Week #	Week 1	Week 2	Week 3	Week 4	Subsequent
	Session #	1st-3rd	4th-6th	7th-10th	11th-13th	Maximum
I Sensitive Skin (Burns easily and severely and does not tan.)		NOT RECOMMENDED FOR TANNING				
II Light	(Burns easily and severely and tans minimally.)	4	8	12	16	20
III Normal	(Burns moderately and tans average.)	6	10	15	20	20
IV Dark	(Burns minimally, tans easily and above average.)	8	12	16	20	20

New lamps emit approximately 20% more UV during the first 50 hours of operation. Recommended tanning times should therefore be reduced by approximately 20% during that period.

WARNING:

- Read the instructions booklet before using this sunlamp product.
- To use, lie down under canopy and pull down as far as adjustment will allow. All persons in the room should wear protective eyewear when lamps are on.
- Recommended eyewear: provided eyeshields (Lucas Products Super Sunnies or Intrexco No. 5635/1 or equivalent eyewear as defined under 21 CFR 1040.20. Other types of eyewear may not provide adequate protection.
- Disconnect power cord before attempting to clean, relamp, or engage in the maintenance of this product.

ONLY THE FOLLOWING LAMPS HAVE BEEN CERTIFIED FOR USE IN THE MODEL SQ2000S & SQ3000S:

Velocity™ Wolff® Model 71T12100W
Diamond Sun® S Wolff Model 71T12100W

THIS EQUIPMENT MUST BE CONNECTED TO A GROUNDED OUTLET.
 THIS PRODUCT IS IN CONFORMITY WITH PERFORMANCE STANDARDS FOR SUN LAMP PRODUCTS UNDER 21 CFR PART 1040.20.

Installation



Unpacking and Inspection

Your sun canopy comes packed in a single cardboard carton fully assembled. The carton contains the following:

- Sun canopy
- Assembly and User Guide
- Safety eyewear

Inspect these items making sure they are free from any visible damage. Report the extent of any damage to the transportation company.

Record the serial number of the canopy in the area provided on the back page of this manual. This information will be required if you call customer service.

Read the transporting instructions in this manual, before attempting to move or lift your sun canopy.

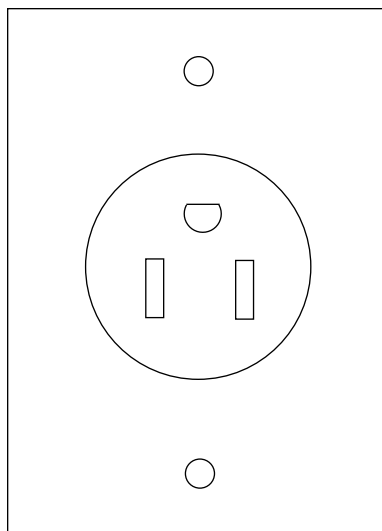
Note! The carton is reusable, in the unlikely event that you may find it necessary to return your sunbed.



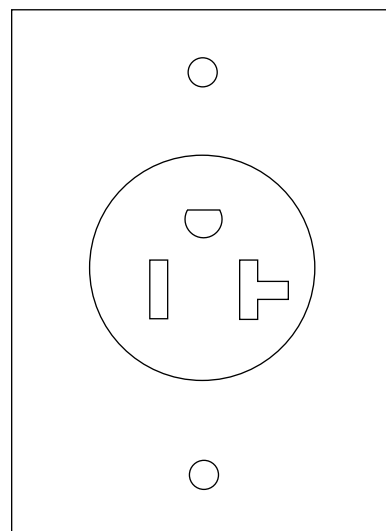
Pre-Installation Planning

Before you begin to assemble your sun canopy, you should observe the following pre-installation considerations.

- Your sun canopy operates from a 120V AC source. You should have a electrical outlet (like the type shown below) installed in the room in which you will use the canopy. The outlet should be on a dedicated circuit. (If you have questions regarding your outlet, consult a professional electrician.) The outlet must be earth grounded.



15 AMP NEMA#5-15R RECEPTACLE
ACCEPTANCE FOR SQ2000S



20 AMP NEMA#5-20R RECEPTACLE
ACCEPTABLE FOR SQ2000S AND SQ3000S

- Make sure the room in which you intend to use your sun canopy is well ventilated. Air from the room is used to cool the sunbed, and a poorly ventilated room may cause the unit to become hot and cause discomfort to the user.
- Your sun canopy is designed to operate in an ambient room temperature of 80°F maximum and 70% relative humidity.
- Place your sun canopy no closer than 6" from any wall. Make sure that curtains, drapes, and other room furniture do not obstruct the airflow into the end caps or out of the fan opening areas.



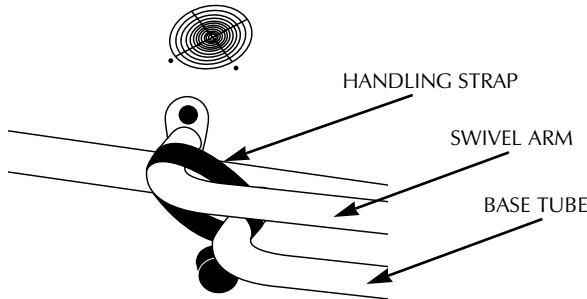
Transporting

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

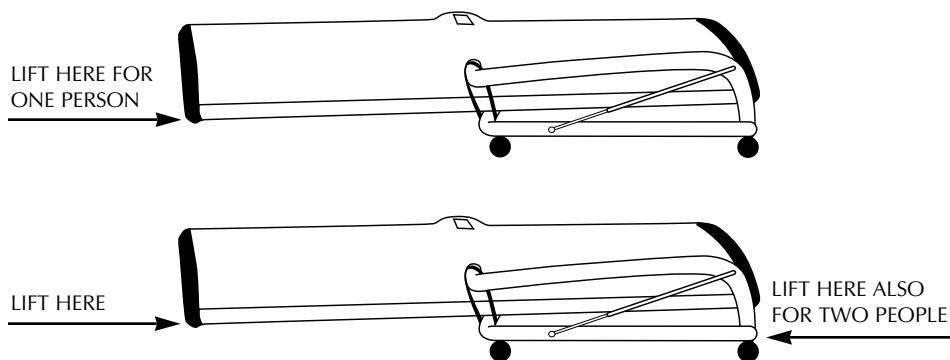
- Lower the sun canopy to its fully closed position by pressing down on the swivel arm.

Note! Resist pressing down on the canopy itself when possible, as this action causes added stress to the canopy structure.

- Buckle the handling strap around the swivel arm and base tube as shown below.



- One person can now roll the sun canopy by lifting one end or two people can carry the sun canopy by lifting both ends.



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

Operation



Before You Tan

Before using your sun canopy, 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.
- Some medications may **increase your sensitivity** to ultraviolet light. It is recommended that you consult a physician before using this sun canopy if taking any medication or if you suspect that your skin might be especially sensitive to sunlight. Included with this manual is an FDA book let on medications that increase sensitivity to light.
- As with all electrical appliances, **do not operate this device near water or while you are wet.**

Exposure Times

We recommend that you tan every other day, following times in the exposure schedule. 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.

Follow the guidelines for skin type and exposure times as shown in the table below.

RECOMMENDED EXPOSURE TIMES IN MINUTES		MAXIMUM EXPOSURE TIME IS 20 MINUTES				
Skin Type:	Week # Session #	Week 1 1st-3rd	Week 2 4th-6th	Week 3 7th-10th	Week 4 11th-13th	Subsequent Maximum
I Sensitive Skin (Burns easily and severely and does not tan.)		NOT RECOMMENDED FOR TANNING				
II Light (Burns easily and severely and tans minimally.)		4	8	12	16	20
III Normal (Burns moderately and tans average.)		6	10	15	20	20
IV Dark (Burns minimally, tans easily and above average.)		8	12	16	20	20



Using Your Sun Canopy

Once you have read *Before You Tan* and *Exposure Times* (located on page 4), you are ready to use your sun canopy. Proceed as follows.

WARNING! Your sunbed is designed for individual use. Only one pair of protective goggles is provided. **Always** wear these or another approved pair of goggles. You should never look at the lamps when turned on without wearing the appropriate protective goggles. Regular sunglasses **do not** provide adequate protection from ultra-violet 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.** Set the timer (on the top of the canopy) to the desired number of minutes (after first determining the proper time period from the table on page 4). 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 within a couple of inches from your body.
- Step 4.** When the timer reaches 0, the lamps will automatically turn off.

Care & Maintenance

Thorough Periodic Cleaning

Introduction

The cooling fan draws air through the canopy and over time will cause a dust build-up on the lamps and reflectors. This will reduce the tanning effectiveness of the bed. When a dust buildup is observed, it is necessary to thoroughly clean the inside of the canopy.

Note! The canopy can be rotated to a vertical position to aid in cleaning and relamping. Do not attempt to rotate past this point, as damage will occur.

Warning! Disconnect sun canopy from electrical power before cleaning.

Cleaning the Canopy

- Step 1.** Remove the safety grill and lamps as described in “Replacing Lamps” on page 7.
- Step 2.** With a soft cloth, wipe the entire length of each lamp to remove any film build-up.
- Step 3.** Wipe the reflectors with a clean damp cloth.
- Step 4.** Re-install the lamps and safety grill as described in “Replacing Lamps” on page 7.



Replacing Lamps

Introduction

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.

Warning! Disconnect sun canopy electrical power before servicing.

Removing/Replacing Lamps

- Step 1.** To get access to the lamps the safety grill needs to be removed. To do this, remove either one of the endcaps by unscrewing the four screws that secure it. Carefully lift the endcap off the canopy. The safety grill can now be slid out of the canopy.
- Step 2.** Grasp the lamp at one end and at the middle, then turn the lamp 90 degrees. The lamp may then be gently removed from its holder.
- Step 3.** To re-install 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 90 degrees.

Only the following lamp types have been certified for use in SunQuest Sun Canopies

Application	Lamp Model Number
Canopy	Velocity™ Wolff® Model 71T12100W Diamond Sun® S Wolff Model 71T12100W



Timer Maintenance

Your *SunQuest* sun canopy is equipped with a backup shut-off timer which will automatically turn off the sun canopy in the unlikely event of a malfunction of the primary timer. This important safety feature also prevents the user from re-setting 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 sun canopy is re-lamped, check the operation and accuracy of the timer system as follows. DO NOT perform these tests while a person is using the sun canopy.

- Step 1.** Obtain an accurate watch capable of measuring in seconds. Set the timer to its maximum interval. 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.

- Step 2.** Set the timer to the maximum time interval. 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.

Call ETS Customer Service if your timer does not operate properly, or if you experienced difficulty with these tests.

Troubleshooting



Problem/Solution Chart

Problem	Solution
Lamps fail to light	<ol style="list-style-type: none">1. Check source of ac power. Reset circuit breaker or replace fuse if necessary.2. Make sure the unit is plugged into outlet.
One or more lamps fail to light	<ol style="list-style-type: none">1. Check that lamp is installed correctly.2. Switch unlit lamp with a lamp that lights. If the new lamp lights and the old lamp still does not, replace old lamp.3. If replacing lamp does not remedy problem, contact your service representative.
Sunbed Canopy does not stay lit	<ol style="list-style-type: none">1. Check source of ac power. Reset circuit breaker or replace fuse if necessary.2. Check timer system per maintenance instructions on page 8. Contact your local service representative.

Obtaining Service



To arrange for service, or for more information about your sun canopy,
contact ETS as follows:

CALL FOR SERVICE OR QUESTIONS:

1 • 800 • 449 • 3605



**6270 Corporate Drive
Indianapolis, IN 46278-2900**

Have the following information ready when calling ETS
to order parts or service for your canopy:

Date Purchased _____

Canopy Serial Number _____

Manufactured for SunQuest by:
Spectrum Products, Inc.
6220 Churchman Bypass
Indianapolis, Indiana 46203