

PROSUN®

By ProSun Tanning Industries Inc.

3000 Series

2800 Series

2600 Series

&

2400 Series

20 minute **User's Manual**

ELECTRICAL REQUIREMENTS

IMPORTANT NOTICE

Please read carefully the following information.

The electrical requirements for your new tanning bed:

Model of Tanning Bed	Circuit breaker Required (Volts / Amps)	Hertz	Continuous Operating Amps
3090	220V / 30	60	25
3002	220V / 30	60	25
3000	220V / 30	60	22
2870 RBX	220V / 30	60	24
2802 RBX	220V / 50	60	28
2801 RBX	220V / 50	60	24
2800 RBX	220V / 30	60	24
2601	220V / 30	60	23
2650	220V / 30	60	18
2450 RS	220V / 30	60	18
2401 RS	220V / 30	60	18
2400 RS	220V / 30	60	18
2400	220V / 30	60	18

Operating any 220 Volt combination at voltage levels below 210 or above 230 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 users manual carefully prior to the installation of your tanning bed.

Always disconnect the unit from its power supply when servicing or repairing the unit.

GENERAL ELECTRICAL NOTES

- *ALL ELECTRICAL WORK SHALL COMFORM TO THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE, O.S.H.A. OR APPLICABLE LOCAL AND OR STATE ORDINANCES, AS WELL AS UTILITY COMPANY RULES REGARDING AMPERE INTERRUPTION AND SAFETY SHUNT TRIP SWITCHES AND POWER PANELS OF WHICH SHALL BEAR THE LABEL OF UNDERWRITER'S LABORATORIES, INCORPORATED AND SHALL BE PERMANENTLY MARKED FOR EASY IDENTIFICATION.*
- *ALL WIRES SHALL BE SINGLE SOLID RUNS WITHOUT SPLICES MEETING THE N.E.M.A. STANDARDS*
- *THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ALL ELECTRICAL MATERIAL AS SPECIFIED FOR A SAFE OPERATING SYSTEM.*
- *THE ELECTRICAL CONTRACTOR SHALL RING OUT AND TAG AND TERMINATE ALL WIRES AT BOTH ENDS, WITH EACH RUN TO BE INSPECTED TO ENSURE THAT NO WIRES HAVE BEEN GROUNDED OR OPEN.*
- *THE CUSTOMER SHALL PROVIDE A DEDICATED POWER SOURCE WHEN CALLED FOR BY PROSUN, ITS DEALERS, DISTRIBUTORS OR OTHER DESIGNATED AGENTS.*
- *PROSUN®, ITS DEALERS, DISTRIBUTORS OR OTHER DESIGNATED AGENTS ARE NOT RESPONSIBLE FOR THE FINAL INSTALLATION OF THE ELECTRICAL SYSTEM. THE RECOMMENDED ELECTRICAL PLAN MUST BE COORDINATED BETWEEN THE CUSTOMER AND THE ELECTRICAL CONTRACTOR. ANY DEVIATION TO THE ELECTRICAL PLAN BEFORE, DURING AND AFTER EQUIPMENT INSTALLATION IS THE RESPONSIBILITY OF THE CUSTOMER.*
- *THE ELECTRICAL CONTRACTOR SHALL ENSURE THE COMPLETION OF ALL ELECTRICAL REQUIREMENTS PRIOR TO THE INSTALLATION OF ANY PROSUN® SYSTEM.*

In sunbeds, only small percentages of UVB to UVA are used to effect tanning - example: 95% UVA-to-5% UVB - whereby the individual tanner will be placed on an acceptable exposure schedule according to his or her skin type. There is no UVC emitted by tanning lamps.

THE TANNING PROCESS

The sunbed you have purchased is designed to concentrate optimal levels of UVA, in conjunction with very low percentages of UVB, on the outermost layers of the skin, so as to stimulate the production of Melanic pigment, which is slightly pink in its dormant state, and cause it to turn brown after excretion. The more Melanin cells present in the skin determines the amount of pigment that will be excreted and distributed, and therefore the extent of the tan.

A COMPREHENSIVE GUIDE TO RESPONSIBLE TANNING:

1. Depending upon skin type, tanning "treatments, each consisting of 10 to 12 individual sessions, taken over a period of 20 to 24 days, should be embarked upon. No more than 2 of these treatments per week should be undertaken, for more in-depth details for tanning see the schedule label on bed.
2. Allow at least 48 hours to pass between each tanning session.
3. If you are taking any kind of medication, or are wearing facial cosmetics, make sure to first consult your doctor before tanning. Certain ingredients in pharmaceutical products and make-up could induce UV light sensitivity and cause allergic reactions. A table describing a number of known allergens can be seen later in this manual.
4. For best facial tanning results, make sure to clean the face of cosmetics thoroughly at least three hours before each session. Better still, if possible, try not to wear any make-up during the day of the session.
5. Don't use tanning lotions, oils or gels which contain SPF (sun protection factor), as these could hinder the desired tanning effect. Use only those that are specifically manufactured for use in sunbeds.
6. If your skin develops or displays any sort of undesired reaction such as a rash, acne, or unusual dryness, stop tanning immediately. If the problem doesn't clear itself up within a couple of days, consult your doctor.
7. Always avoid sunburn. If you overexpose yourself you could erythemize (sunburn) the skin. Should this occur, stop tanning until the reddish color fully subsides, then recalculate your exposure schedule before continuing the treatment.
8. Read the WARNING label situated in full view of the user on the outside of the sunbed carefully before beginning a tanning session.
9. Never use "tanning accelerator" pills in conjunction with your tanning treatment, as these could lead to an increase of skin sensitivity to sunburn.

CARE AND MAINTENANCE

The Care and Maintenance in this section covers most of the difficulties that you may encounter under normal working circumstances. If your tanning bed fails to operate properly, please review the following steps before calling for service.

THE TANNING BED YOU PURCHASED CONTAINS VOLTAGES WHICH ARE POTENTIALLY HAZARDOUS. ALL REPAIRS AND GENERAL MAINTENANCE SHOULD BE PERFORMED BY QUALIFIED SERVICE PERSONNEL.

FOR YOUR TANNING BED:

Safe and continuous operation of your tanning bed depends partially on the care taken by users. Please observe the following precautions when tanning bed is in use.

- Do not disassemble any part of the bed while in use.
- Do not allow sharp objects in the bed while in use.
- Do not allow liquid or any foreign objects to get inside the bed.
- Ensure the beds back side is at least 6 – 12 inches away from the wall.
- Avoid from having the acrylic sheets come in contact with sharp edges and objects
- Insure that the main exhaust hoses are never kinked and keep them free of debris.
- The room or cabin in which the unit is operated must be well ventilated.
- Make sure that the unit never comes in contact with water while connected to power.
- Do not turn the machine on and off frequently within the space of 3 minutes.
- When replacing or cleaning Facial Lamps, both facial lenses and bulbs should be cleaned with alcohol, being free of smudges and finger prints

PREVENTIVE MAINTENANCE

Frequency	Clean Acrylic Top & Bottom	Clean Pillow	Inspect Facial Glass if applicable	Clean & Sanitize Goggles	Ensure Clip Strip is firmly in place	Clean and Sanitize Bed Exterior	Remove & Clean the inside both Acrylic sheets	Dust Lamps	Wipe and Vacuum fans & vents	Clean all Reflectors	Wipe and Vacuum out Vent Hoses	Inspect Acrylic for cracks wear	Replace Top and Bottom Acrylic	Adjust shock tension (if needed)	Test Remote System	Inspect Vent Hoses for Optimum Vent-ilation
After Each Session	*	*	*	*	*											
Daily	*	*		*		*										
Weekly	*	*					*	*	*		*				*	
Monthly	*	*								*						
every 1200 hrs. of use													*			*

** Please Refer to the Lamp Manufacturer Specifications for Lamp and Facial Bulb Replacement and Frequency.

When replacing Facial Bulbs ensure that any finger prints on the bulb itself are wiped clean using the cleaning pad provided with replacement bulbs or alcohol. ProSun recommends the use of Lucasol or Solacryl when cleaning acrylic sheets

* Certified by: International Smart Tan Network.

For information about becoming a certified member, call or write to: International Smart Tan Network, 3101 Page Avenue, Jackson, MI 49203, (517) 784-1772

The acrylic sheets used in this machine should be changed between 1200 and 1500 hours of operation. If not, UV-transmission could be greatly reduced. ProSun recommends the use of Lucasol or Solacryl when cleaning acrylic sheets

TROUBLE SHOOTING GUIDE

PROBLEM	PROBABLE CAUSE	POSSIBLE SOLUTION
Unit is activated but nothing happens	<ul style="list-style-type: none"> • No Power • Timer clears after priming • Hour meter or remote timers do not work 	<ul style="list-style-type: none"> • Check to see if the power source has been properly connected • Restart the timer and try again • Check connections to both – replace if defective
Bed appears too be to hot	<ul style="list-style-type: none"> • Fans are obstructed 	<ul style="list-style-type: none"> • Ensure all fans or clear of obstructions and dust.
Room Temperature abnormally warm.	<ul style="list-style-type: none"> • Bed is too close to the wall 	<ul style="list-style-type: none"> • Pull the bed away from the wall at least 6 – 12 inches.
Individual lamps do not light	<ul style="list-style-type: none"> • Lamp not in socket properly • Lamp is defective • Starter is defective 	<ul style="list-style-type: none"> • Turn lamp in socket until lamp illuminates • Replace lamp • Replace starter
Facial tanner does not light	<ul style="list-style-type: none"> • Face tanner switch is turned to “Off” position • Lamp is defective • Switching from “On” to “Off” and back again too quickly 	<ul style="list-style-type: none"> • Turn face tanner switch to “On” position • Replace lamp • Wait a few minutes after switching facials back “On” again (approximately 3 minute cool down time)

Comments:

Place
Canopy Serial #
Here

Distributor:

Bench Serial #

Manufacture:
ProSun Tanning Industries Inc.
2442 – 23rd Street North
St. Petersburg, FL 33713

CONTENTS

Contents.....	1
Warning Label.....	2
Lamp Computability Chart.....	3
Electrical Requirements.....	4
General Notes.....	5-6
Beauty and the responsible tanner.....	7-8
Tanning Sensitivity (with allergen table).....	9
Care and Maintenance.....	10-11
Preventive Maintenance.....	12
Replacement of Components.....	13
Troubleshooting Guide.....	14
Warranty.....	15
Installation, Setup, and Remote Control.....	Attached