# **Indoor Tanning Equipment**

# Care and Use Instructions

# Montego Bay Classic 2600A & 3200A

Bellarium - S

**Montego Bay** 

P.O. Box 1449 Decatur, AL 35602

1-800-FAST TAN

# **UNIT SPECIFICATIONS**

MODEL	MB-2600A	MB-3200A
LENGTH	83.75"	83.75"
WIDTH	35.5"	40.5"
HEIGHT (Closed)	30"	31"
HEIGHT (Open)	50.5"	55.5"
NUMBER OF LAMPS	26	32
VOLTAGE	240 VAC	240VAC
AMPERAGE	19.5 AMPS	24AMPS
SHIPPING WEIGHT	530 POUNDS	550 POUNDS

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 EYE WEAR; 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 use of this product

This unit utilizes UVA lamps. Replace with **BELLARIUM S SA1-10 100W** lamps, or FDA approved equivalent.

To obtain recommended exposure at a minimum distance of 1/2" (13 mm) measured with a standard ruler, lie on acrylic surface of lounge and lower canopy. Canopy will stop at 12 inches (305 mm) from lounge acrylic surface. The use of any other position may result in overexposure

# RECOMMENDED EXPOSURE SCHEDULE

	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5
SKIN TYPE	1st-3rd	4th-6th	7th-10th	11th-15th	Suos aquent
	Session	Session	Session	Session	Sestions
II - FAIR	3 MIN.	6 MIN.	12 MIN.	15 MIN.	20 MIN.
III - AVERAGE	4 MIN.	8 MIN.	12 MIN.	15 MIN.	20 MIN.
IV - BROWN	5 MIN.	10 MIN.	15 MIN.	20 MIN.	20 MIN.
V - DARK BROWN	6 MIN.	12 MIN.	15 MIN.	20 MIN.	20 MIN.

Tanning can begin on a regular basis (allowing 48 hours between sessions). An appearance of tanning normally occurs after a few exposures and maximizes after four (4) weeks of exposure following the recommended exposure schedule for your skin type.

USE PROTECTIVE EYEWEAR WHENEVER THE EQUIPMENT IS ENERGIZED. READ THE INSTRUCTION BOOKLET BEFORE USING THIS PRODUCT.

Instructions accompanying this product should always be followed to avoid or minimize potential injury.

## **WARNING:**

If you have been diagnosed by a physician as being allergic to the sun or are currently taking photosensitive medications, consult your physician before using the sunlamp.

Certain drugs - particularly those designed to enhance photosensitivity - may cause individuals under their influence to experience adverse effects, and those people should avoid exposure to UV sources of all kinds. Doctors will advise persons taking these drugs of possible adverse effects.

It is recommended that only one person at a time use the tanning system. Use protective eyewear while taking a tanning session. Protective eyewear is provided with each sunlamp sold.

Occasionally, persons using the tanning system will experience a slight reddening of the skin - use ally in small patches - after the second or third session. This redness is often accompanied by an itching sensation. This is nothing more than a heat "rash" caused by heat from the lamps within the system. It is generally very limited and caused by constant contact of the skin with the acrylic surface. It will go away within approximately 24 hours and should not reappear. This rash can be lessened or prevented by turning over occasionally during sessions in the sunlamp, and by applying moisturizing lotion to the affected area after the tanning session is completed.

# CAUTION

WHILE THERE IS NO IMMEDIATE CLINICAL EVIDENCE REGARDING UVA EXPOSURE AND ITS EFFECTS UPON EXPECTANT MOTHERS, IT IS STRONGLY ADVISED THAT EXPECTANT MOTHERS BE DISCOURAGED FROM USING THE SUNLAMP.

# **EXPOSURE TIMES AND FREQUENCIES**

Melanin is the brownish pigment produced by special cells in the base layer of the skin determines the individuals ability to tan. As the skin is exposed to ultraviolet rays, the melanin is activated and combines with protein cells that rise to the skin's surface, thus producing a tan. The amount of melanin in your body determines how quickly and clarkly you tan.

# NOTE

THE TAN PRODUCED BY THE SUNLAMP IS A DEEP, RICH "COSMETIC" TAN, HOWEVER, REGARDLESS OF HOW MUCH AN INDIVIDUAL MAY TAN WITH THIS UNIT, IT WILL NOT PROVIDE ADEQUATE PROTECTION AGAINST OVEREXPOSURE TO NATURAL SUNLIGHT OR UVB TANNING SYSTEMS.

SKIN TYPE II-THIS IS THE INDIVIDUAL THAT USUALLY BURNS EASILY AND SEVERELY. TANS MINIMALLY OR LIGHTLY AND PEELS.

SKIN TYPE III-OFTEN REFERRED TO AS "AVERAGE" COMPLEXION, BURNS MODERATELY AND

TANS ABOUT AVERAGE.

THIS INDIVIDUAL BURNS MINIMALLY, TANS EASILY AND ABOVE AVERAGE WITH EACH SKIN TYPE IV-

EXPOSURE.

SKIN TYPE V-THIS INDIVIDUAL RARELY BURNS, TANS EASILY.

# RECOMMENDED EXPOSURE SCHEDULE

	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEK 5
SKIN TYPE	1st-3rd Session	4th-6th Session	7th-10th Session	11th-15th Session	Subsequent Ses: ions
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V - DARK BROWN	6 MIN.	12 MIN.	15 MIN.	20 MIN.	20 MIN.

No two individual skin tones are the same. A tan to one person may be different to another, and session length may vary. It is recommended that, following a tanning session, a skin moisturizer be applied. This promotes a smoother more even looking tan. Equally important—many facial make-ups have oil bases and should be removed prior to each tanning session.

# NOTE

SINCE THE BACK AND STOMACH AREAS OF THE BODY WILL RECEIVE THE MAJORITY OF THE TANNING RAYS, IT IS RECOMMENDED THAT INDIVIDUALS SPEND ONE HALF OF EACH SESSION LYING ON EACH SIDE OF THE BODY TO ACHIEVE A FULL-BODIED TAN.

SINCE YOUR SUNLAMP WILL CAST OFF SOME HEAT, IT IS RECOMMENDED THAT A SMALL FAN BE USED TO IMPROVE AIR CIRCULATION DURING SESSIONS. LIKEWISE, ADEQUATE VENTILATION OF THE ROOM OR BOOTH HOUSING THE SUNLAMP IS REQUIRED FOR COMFOFTABLE OPERATION.

# **WARNING**

COMMERCIALLY AVAILABLE CREAMS, LOTIONS AND OILS CONTAIN SUNSCREENS WHICH FORM A PHYSICAL BARRIER ON THE SKIN THAT PREVENTS THE UVA RAYS FROM PENETRATING AND INDUCING A TAN. IT IS RECOMMENDED THAT YOU USE ONLY CREAMS, OILS OR LOTIONS THAT DO NOT CONTAIN POLYETHYLENE/GLYCOL LAURATE OR POLYETHYLENE/GLYCOL MONO LAURATE AND ARE DESIGNED FOR USE WITH INDOOR TANNING EQUIPMENT. FAILURE TO COMPLY WITH RECOMMENDATIONS AND WARNINGS STATED ABOVE MAY VOID THE MANUFACTURER'S WARRANTY.

# OPERATING YOUR SUNLAMP

This unit is equipped with a remote timer. The timer is used to preselect the actual tanning time and switch on the sunlamp. The timer will automatically switch the sunlamp off when the preselected time expires

To operate timer, press the **Start/Stop** key. Then select desired exposure time using the **Up/Down** key Note: the session time cannot exceed the **Maximum** Exposure time. After the desired exposure time has been selected, press the **Start/Stop** key on the timer, or the **On/Off** button located on the back of the canopy. For additional information, refer to the section entitled **Timer Operation**.

After the timer is set, the unit is ready for immediate operation. Lie on acrylic surface of lounge and lower canopy. The canopy will stop with its acrylic surface 12 inches (305 mm) from the acrylic surface of the lounge. There is no additional time required for lamp start-up.

## CARE AND CLEANING OF YOUR SUNLAMP

CAUTION: THE SUNLAMP SHOULD BE DISCONNECTED FROM THE POWER SUPPLY BEFORE CLEANING OR DISIN-FECTING THE INSIDE OF THE ACRYLIC, AVOID WATER OR SOLUTION ENTERING THE LAMP COMPARTMENT.

After each session is completed, spray the acrylic surface with a specially formulated UVT (ultraviolet transmitting) acrylic cleaner. Wipe the surface of the acrylic with a clean cloth. The acrylic should never be wiped with a dry cloth because this will generate a slight static charge which will attract dust.

For maximum efficiency of your sunlamp, periodic cleaning of lamps, reflectors, acrylics, tans, and the inside of the unit is required

CAUTION: FAILURE TO CLEAN BEDS, FANS, AND THE INSIDE OF YOUR SUNLAMP COULD VOID THE WARRANTY

CAUTION: DO NOT USE EXCESSIVE AMOUNTS OF WATER, ANY ABRASIVE CLEANERS, CR ANY SPRAY CLEANER THAT IS NOT SPECIFICALLY DESIGNED FOR USE WITH ACRYLIC SURFACES DO NOT USE ALCOHOL.

Note: Periodic polishing of the exterior painted surface may be necessary to maintain the finish. An automotive polish, not wax should be used. Do not clean with anything that may damage the paint.

To obtain repairs and recommended replacement components which are compatible with this unit, including UVT acrylic cleaner, protective eyewear, lamps, acrylic, timers, reflectors, and other parts, which will, if installed and used as instructed, result in continued compliance with CFR 21 1040.20, please contact the Manufacturer:

# **MONTEGO BAY**

P.O. Box 1449 DECATUR, AL 35602 **1-800-FAST TAN** 

# RELAMPING INSTRUCTIONS

CAUTION: REPLACE ONLY WITH BELLARIUM S, SA1-10-100W, LAMPS, OR FDA APPROVED EQUIVALENT.

- Disconnect unit from power source
- 2. Remove acrylic from unit by removing the acrylic retaining strip located along one long edge of the acrylic and sliding the acrylic out of the unit.
- 3. Push lamp toward the spring loaded lampholder to disengage the lamp from the stationary lampholder. Remove lamp.
- 4. Replace by inserting end of lamp in spring loaded lampholder at the end of the unit and push until the lamp will insert and properly seat in stationary lampholder at the other end of the unit.
- 5. Clean and replace acrylic shield. (Refer: CARE AND CLEANING). Reconnect unit to power.

# **Assembly Instructions**

 Open cartons, remove packing, remove and inspect unit and all associated parts and hardware per the hardware drawings in the back of this manual.

### 2. Leg Installation

- a. Turn lounge half of unit upside down and position legs over mounting holes in bottom panel (be sure that
- b. Attach legs using (4) 5/16-18 x 1" bolts and flat washers and lockwashers each. Tighten all bolts thoroughly.
- c. Turn lounge right side up and rest on legs.

### 3. Hinge Installation

- a. Attach hinge assemblies (with brake shoes installed) to each end of lounge using (2) 3/8-16 x 2 1.4" bolts, (2) bolt cap washers and (2) space washers each. Be sure that the side of hinge assembly with large 1-7/8" dia.) hole at top, is on the inside toward the bed. **Do not** tighten bolts completely or install bolt caps. at this time
- b. Attach pneumatic cylinder clevis to tab on each hinge assembly using 5/16-18 x 1" bolts and elastic stop nuts. Remove wire locking clips from ball sockets at top of pneumatic cylinders.
- c. Lift canopy half of unit (with brake bosses attached) and slide bosses into shoes in hinge assemblies (top ends of hinge assemblies must be forced outward in order to accomplish this). Insert (1) 3/8 -16 x 2-1/4" polt. Teflor washer, and 3/8 flat washer in each end to hold position. With an assistant holding front edge of caropy at full open position, snap ball sockets on the pneumatic cylinders onto ball studs on canopy. **Replace w** re locking clips.
- d. Tighten all bolts thoroughly and snap (3) plastic bolt caps into place over bolt heads on each end of unit. Then, adjust brakes (using 5/32 allen wrench in hardware kit) to provide desired ease of operation.

### 4. Electrical Hook-up

- a. Connect jumper cord from canopy to lounge by aligning male plug on jumper with female receptable on rear of lounge and tightening locking nut.
- b. Connect cord from remote timer to unit by aligning male plug on timer cord with female receptable on real of lourige and tightening locking nut.
- c. The sunlamp must be connected only to a 240 volt, single phase power supply and must be permanently wired, in accordance with local codes, from the wall to the unit using 10 gauge, 4-wire single phase wiring. A circuit breaker is required. No power cords or plugs are supplied with this unit. This wiring should be performed by a qualified electrician.

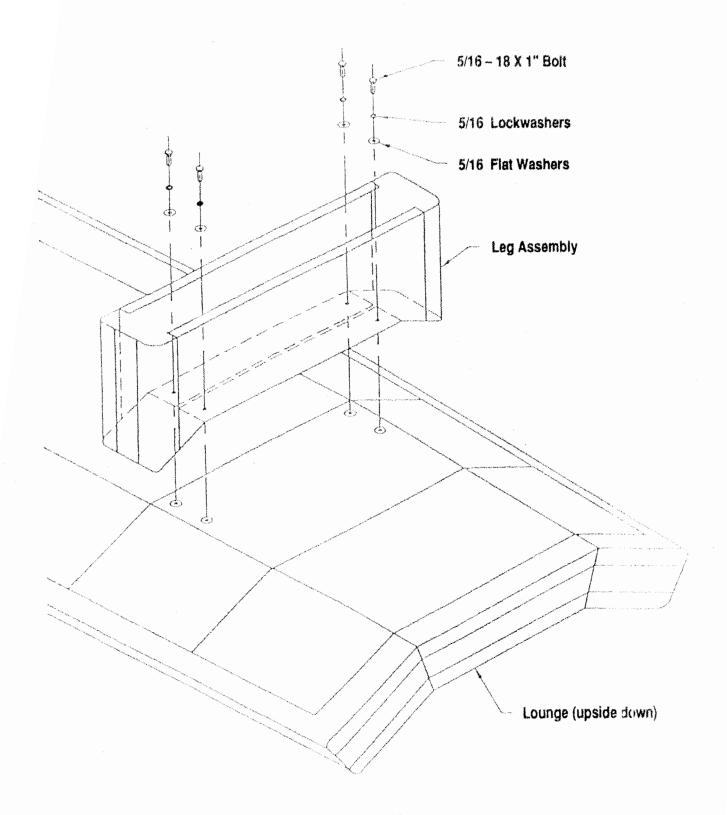


FIGURE #1 Leg Installation

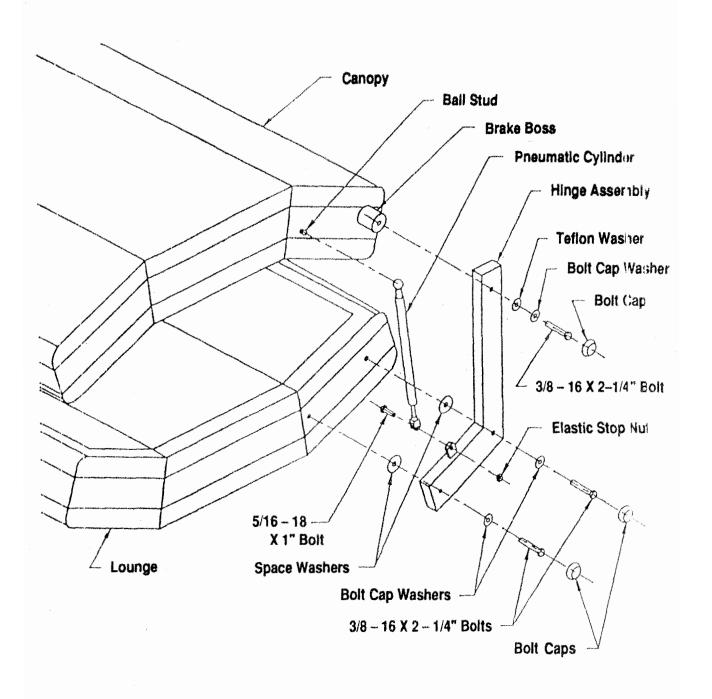


FIGURE #2
HINGE INSTALLATION

### TIMER OPERATION

Your Montego Bay Classic is equipped with a state of the art digital timer. The Montego Bay timer is capable of several functions to help you with the administrative functions of running your business.

- 1. Your new timer keeps track of the time during each session, and shuts the unit off after the selected time has elapsed.
- Your new timer records both the number of hours on your unit as well as the number of session;
- Your new timer is capable of providing a pre-start delay to allow your customers time to get ready for thier sunlamp session.
- Your new timer has a pause function should something happen during the sunlamp session.

WARNING: YOUR MONTEGO BAY CLASSIC HAS BEEN TESTED AND IS IN COMPLIANCE WITH THE FOOD AND DRUG ADMINISTRATION FUR USE WITH A TWENTY (20) MINUTE TIMER. ANY ALTERING OF THE TIMER. OR MISUSE, WILL MAKE YOU, THE OWNER/OPERATOR, LIABLE FOR ANY DAMAGES, VOID YOUR COMPLIANCE, AND VOID YOUR WARRANTY.

- Setting your timer.
  - a Press the **Start/Stop** key. '00 will appear on the display.
  - b. Sellect the exposure time desired by using the **Up/Down** key. Note: the timer is preset at the factory for a maximum of twenty (20) minutes.
  - Press the **Start/Stop** key or the **On/Off** button located on the back of the canopy. The timer will now start your sunlamp session.
- 2. Delay
  - a. Your timer has an option to program a delay time to allow customers time to undress and get into the unit. This option is useful in that it gives the user a specified time before the timer begins counting. This helps you to stay on schedule.
  - b. Unplug the timer. While holding the **Up** set key, plug the timer back in.
  - c. When the minute display shows 0, the pre-start delay is ready to be programmed.
  - cl. Press the UP/Down keys to select the delay.
  - Note: The delay is set in increments of six (6) seconds and is displayed as 1/16th of minutes.
     Examples: 3.5 = 3 min. 30 sec.,
     4.2 = 4 min. 1/2 sec.,
     1.8 = 1 min. 48 sec.
- 3. Flause. Your timer has a pause function. To pause the timer, press the **Start/Stop** key or the **On/Off** button located on the back of the canopy. To resume, press either of the **Up/Diown** keys. Note: if the timer is paused for more than two (2) times or if the pause is more than five (5) minutes, the timer will automatically terminate the session.
- 4. Reset. At the end of the session, (complete cycle of the timer) the display will show a single zero and no light will be blinking. Pressing either of the Up/Down keys will restore the last session time that was set. The timer can then be re-started or the session time changed.
- 5. Stop. The timer can be stopped at any time by pressing the **Start/Stop** key or the **On/Off** button located on the back of the timer.

# GENERAL TROUBLE SHOOTING GUIDE

The following trouble shooting information is divided into two sections. Section A contains items which the owner may check without the aid of a service person. Section B contains items which must be performed by qualified service personnel only. If you have any questions other than the ones listed in your troubleshooting guide, contact your distributor.

(NOTE: All units are not the same, therefore some of the causes may not apply to your unit.)

# GENERAL TROUBLESHOOTING (SECTION A)

CAUSE
Sunlamp does not operate.

a. No power to the unit.

Check circuit breaker servicing unit.

b. Timer not connected to canopy. Connect cord from timer to timer receptacle on lounge.

c. Timer not turned on. Rotate time knob clockwise to activate unit.

d. Canopy not connected to lounge. Connect jumper cord from canopy to lounge.

e. "On-off" switch turned off. Push switch to "on" position.

Lamps will not light.

a. Lamp(s) not properly seated. Remove lamp(s), inspect contacts on lamp(s), and lampholder(s), reinstall securely into lampholder(s)

b. Faulty lamp(s).Replace lamp(s).

Canopy does not hold its position when set.

a. Loose brakes. Tighten brakes with allen wrench.

b. Faulty cylinders. Replace cylinders.

4. Unit is running hot.

Tanning room too small or improperly ventilated.
 Provide sufficient space and ventilation for system.

b. Vent fans dirty. Clean fan guards to insure air flow is not blocked.

Sunlamp is not tanning.

a. Acrylic is dirty. Clean both sides of acrylic with U.V.T. (Ultraviolet Transmitting).

Acrylic Cleaner.

b. Lamps and Reflectors are dirty. Remove lamps, wipe with damp cloth, dry. Wipe reflectors using a soft cloth and U.V.T. Cleaner.

c. Lamps are nearing the end of their effective life. Replace lamps with new lamps.

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# GENERAL TROUBLE SHOOTING GUIDE (SECTION B)

All services in the following sections are to be completed by a **qualified service technician**. This section is to aid in isolating and correcting any problems which may occur and is not intended for use by owner. Refer to the assembly instructions included with each bed for reference in disassembling and wiring the sunlamp. Disconnect all power to the bed before servicing. Use only factory authorized components for replacement parts.

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- Sunlamp does not operate.
  - a. Incorrect connections of incoming power.
  - b. Faulty timer.
  - c. Faulty contactor in bed.
  - d. Poor wiring connections
  - e. Faulty "on-off" switch.
  - f. Power between lounge and canopy not wired correctly.
- 2. Lamp(s) will not light.
  - a. Poor wire connection at lampholder(s).
  - b. Faulty or damaged lampholder lamp(s).
  - Incorrect incoming power.
  - d. Ballast(s) not functioning properly.
- Sunlamp running hot.
  - Incorrect incoming power.
  - b. Vent fan(s) not functioning properly.
- Sunlamp is not tanning.
  - Incorrect incoming power.
- 5 Sunlamp will not shut off.
  - Faulty contactor.
  - b. Faully timer.

### **SOLUTION:**

Check electrical connections against wiring diagram and correct as necessary.

Replace.

Replace.

Check wiring circuit against appropriate wiring diagram and correct as required. Replace

Check jumper cord connections agains d agram and correct as required.

Check for loose wire and repair.

Replace.

Check incoming voltage and correct if required

Locate loose wire (to or from) ballast(s) and correct as required. Replace ballast(s) if necessar/.

Check incoming voltage and correct if required

Check wiring to fans and correct as required. Replace vent fan(s) if necessary.

Check incoming voltage and correct if required. Also see CARE AND CLEANING section.

Replace. (Note: return defective contactor to your distributor).

Replace. (Note: return defective timer to your distributor).

