

# ATLANTIS™ 205



## User Guide

# Introduction

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Hello, and thank you for choosing the Atlantis™ 205 tanning bed. The Atlantis™ 205 represents one of the finest tanning units in the industry. Designed for durability and tanning efficiency, this sunbed should exceed your expectations for ease of use and operation.

Please take the time now to read through this user manual in order to familiarize yourself with the unit before operation. Some of the features are not readily apparent upon initial startup, and for good reason. Simple operations, such as the face tanner control, may seem confusing without prior knowledge as to the correct function of the sunbed. The controls of the bed are set up in such a way as to ensure a safe, effective tanning experience as well as prolong the life of the equipment.

The manual has been carefully written to ensure that you, the user, will have all the information you need to operate the Atlantis™ 205. However, a team of trained service personnel at ETS, Inc. is available to assist you with any questions or problems you may encounter. Feel free to contact them at the number at the back of this user manual section.

We hope you enjoy your experience with the Atlantis™ 205 tanning system.

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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, 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 a 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.

To use, lie down on bench, face up. Pull canopy down using the handle. Minimum use distance upward to canopy clear plastic panel is 6 inches or 15.24 centimeters. Minimum use distance to sides is 3 inches or 7.62 centimeters. Use of other positions may result in overexposure to parts of your body. Do not use without clear plastic panels 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.

RECOMMENDED EXPOSURE TIMES IN MINUTES		MAXIMUM EXPOSURE TIME IS 12 MINUTES				
Skin Type:		Level 1/Week 1 1st-3rd Sessions	Level 2	Level 3	Level 4	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.)	2	4	7	10	12
III Normal	(Burns moderately and tans average.)	3	6	9	12	12
IV Dark	(Burns minimally, tans easily and above average.)	4	7	10	12	12

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

ONLY THE FOLLOWING LAMPS HAVE BEEN CERTIFIED FOR USE IN THE Atlantis™ 205:

**ACCELERATOR® VS-R™ Wolff® Model VAC75-T12-160W VS-R Bi-Pin  
Facial Lamp - KBL 771, Heraeus Model BQ771 Z4**

**WARNING:** •Read the instructions booklet before using this sunlamp product. •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.

**WARNING: 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

**WARNING: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.**

**NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.**

# Pre-Installation Considerations

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Before you install your sunbed, you should observe the following pre-installation considerations.

- READ ALL INSTRUCTIONS BEFORE OPERATING UNIT.
- The **ATLANTIS™ 205** requires a dedicated **208V AC, 3-phase** circuit capable of providing **50 Amps per phase**. This unit must be hardwired directly to a junction box using an armored cable. The unit must be earth grounded.
- Make sure the room in which you intend to use your sunbed 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 sunbed is designed to operate in an ambient room temperature of 80°F maximum and 70% relative humidity. Excessive humidity and/or room temperature may cause decreased tanning power and sunbed performance.
- Place your sunbed no closer than 6" from any wall. Make sure that curtains, drapes, and other room furnishings do not obstruct the airflow into or out of the unit.
- Due to the size and weight of the sunbed, proper installation requires four people. Plan to have a few helpers assist you.

**IMPORTANT!** Voltage must be **below 230V AC** or you may require a Buck Booster, contact ETS, Inc. service at the number on the back of this user manual. Use of a voltage source above 230V AC may reduce the life of some components in your sunbed.

# Visual Inspection

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**Note!** The crate your sunbed arrived in is reusable if you need to transport the unit in the future.

With the unit installed, inspect it for any visible damage which may have occurred during shipping or installation. Note any damage and contact customer service.

Record the serial number of the sunbed, located on the back of the unit near the power cord, in the area provided on the back of this manual. This information will be required when you call customer service.

# Final Setup

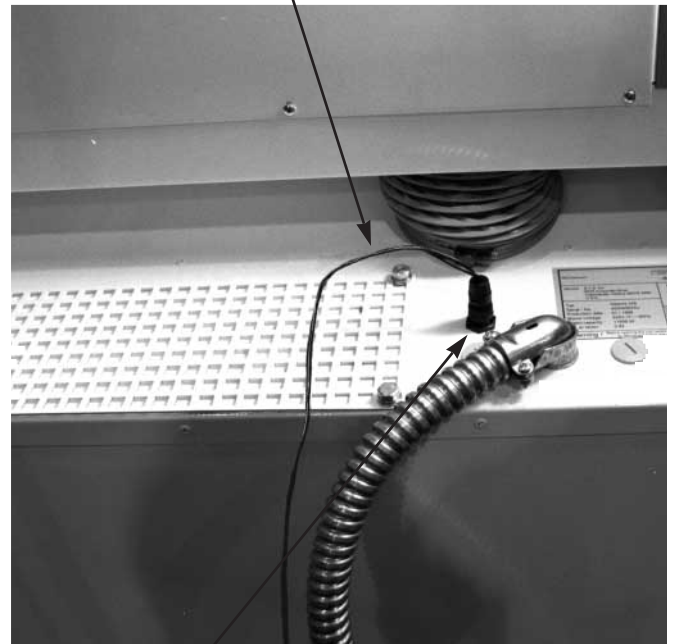
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Since the Atlantis™ 205 is assembled for you there are just two things you need to do before you can begin tanning. First, your sunbed is designed to accept an input from a remote control device. The remote control is not included with your sunbed, however the remote interface cable is provided. Simply connect the two bare wire ends from the remote interface cable to the relay contacts on your remote control device. Your sunbed will not operate without an external remote control connected. Refer to the remote control's manual for specific wiring and operating instructions.

**Warning:** The remote connection is designed to connect **only** to an isolated relay located on your remote timer. The connection cannot supply or accept high voltage, nor can it provide power to an external timer. The sunbed's remote interface circuitry operates on 24volts, attempting to connect it to a voltage source will damage the sunbed as well as void your warranty.

Second, have an electrician connect the main power cord to a 208V AC 3-phase dedicated circuit as outlined in *Pre-Installation Considerations*.

REMOTE INTERFACE CABLE



24V AC REMOTE PORT

# Operation

## 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.
- Your hair should be free of gels, mousses, sprays, or other hair products prior to tanning. These products can cause damage to the sunbed acrylic. As an alternative, a shower cap or towel can be worn to keep treated hair away from the sunbed surfaces.
- Some medication 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. Included with this manual is an FDA booklet 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

Follow the exposure schedule below to determine how long to tan, keeping in mind these recommendations. 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 a week 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.

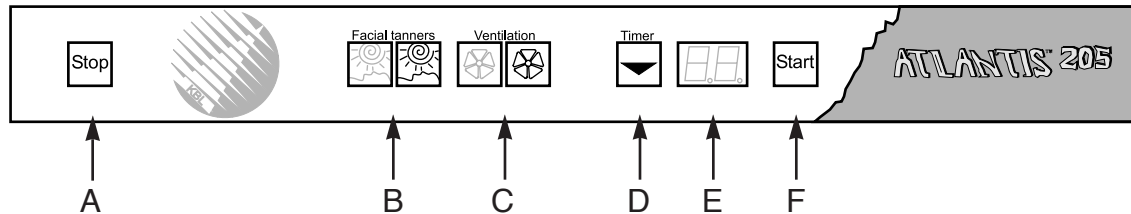
## Remote Operation

Set the remote control device to the desired tanning time, up to the maximum time allowed by the sunbed (12 minutes). Press start on the remote control. Press start on the sunbed keypad. If a delay time is set on the remote control device the Atlantis™ 205 will wait for the delay time to expire before the unit will turn on.

RECOMMENDED EXPOSURE TIMES IN MINUTES		MAXIMUM EXPOSURE TIME IS 12 MINUTES				
Skin Type:		Level 1/Week 1 1st-3rd Session	Level 2	Level 3	Level 4	Subsequent Maximum
I	<b>Sensitive Skin</b> (Burns easily and severely and does not tan.)	NOT RECOMMENDED FOR TANNING				
II	<b>Light</b> (Burns easily and severely and tans minimally.)	2	4	7	10	12
III	<b>Normal</b> (Burns moderately and tans average.)	3	6	9	12	12
IV	<b>Dark</b> (Burns minimally, tans easily and above average.)	4	7	10	12	12



## Using Your Sunbed



- A Stop button** - Interrupts timer and ends tanning session.
- B Face tanner control** - Turns face tanner bulbs on and off. Press the left button once and then again (for 3 seconds) to turn face tanners off. Press the right button to relight. The face tanner bulbs will not relight within 3 minutes of being turned off.
- C Ventilation control** - Controls speed of body fans. Display shows speed (20-99).
- D Timer button** - Sets time of session. Timer display shows remaining time. If a lesser time is desired, repeatedly press timer button until desired time is displayed.
- E Timer display** - Shows remaining session time, body fan speed (when changed), and error messages (when they occur).
- F Start button** - Begins tanning session.
1. Lift the canopy, lie down on the bench (face up), and lower the canopy toward your body using the canopy handle. Refer to *Safety Information* for proper positioning of your body and minimum use distances.
  2. Start the sunbed by pressing the start button (F), located at the head end of the canopy. The lamps will turn on and the timer display (E) will indicate the session time remaining. If less than the maximum tanning time is desired, repeatedly press the timer button (D) until the desired time is indicated.
  3. When the timer reaches 0, the lamps will turn off. If you want to stop your session before time expires press the stop button (A). The timer will then give you 10 seconds to restart with your remaining time. After the 10 second wait period the sunbed will turn off.
  4. Raise the canopy by using the canopy handle, do not push up on the acrylic shield. The cooling fans run for 3-5 minutes after the lamps shut off to aid in cooling the sunbed.

# Care and Maintenance

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## Cleaning After Use

Clean and disinfect your tanning bed's bench and canopy after each use. Use a non-abrasive disinfectant cleaner that **does not contain ammonia or ammonia derivatives**. Ammonia may damage the acrylic shield. Spray the acrylic lightly with disinfectant and wipe dry with a clean soft cloth. We recommend *SunQuest*® disinfectant and *SunQuest*® acrylic cleaner.

## Thorough Periodic Cleaning

The cooling fans draw air through the bed and over time will cause a dust buildup on the bed's air filters, bulbs and acrylics. You will need to clean the filters and wipe the bulbs and acrylics periodically to keep the bed functioning optimally. It is recommended you clean the filters every 100 hours of operation and other parts whenever you see dust accumulate inside the unit. Procedures for these operations are explained on the next few pages.

**Warning!** Disconnect sunbed from electrical power before cleaning.

## Mechanical Inspection

Your tanning bed has been built for years of service. To ensure trouble-free operation throughout its life, 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 AC power cord and its connections.
- Inspect the acrylic. Broken, cracked or badly scratched acrylics should be immediately replaced.
- Verify that all moving parts operate smoothly, including the canopy lift mechanism and safety brake. See *Adjusting Lift Mechanism*, this section.
- Inspect the air hoses on the back of the unit, from the canopy to the bench unit. These hoses carry essential cooling air from the canopy to the bench and must not be damaged or kinked in any way. Damaged hoses must be replaced immediately.

## CARE AND MAINTENANCE - acrylics

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Cleaning and removal of the acrylics is very simple and can be performed by a single person, however two people are recommended due to the size of the pieces. The canopy and back acrylics are designed with a hinge so they do not need to be removed in order to perform periodic maintenance.

### *Removing Bench Acrylic*

The front bench panel (with the safety warnings) holds the bench acrylic in place. Using your fingers, or a flat bladed screwdriver if too tight, remove the two large screws, one each end, that hold the panel down. The panel will now swing over on its hinge to expose the edge of the acrylic (picture at right). Remove the grey end plates on either end (picture at lower right). Put the end plates down on their respective sides of the bed as they are not identical.



The top acrylic can now be tilted up on its hinge, to clean, or removed simply by lifting out of the hinge at the back of the bench. Notice that this acrylic has a notch along the back edge that fits in the hinge. The notched side faces down.



The lower acrylic forms a channel under the tanner that carries cooling air during operation. This acrylic simply sits on a ledge on either end of the bench and can be lifted out to access the bulbs. The hole is there to aid in lifting the acrylic.

Replace the acrylics in reverse order. Make sure the top acrylic engages the hinge properly.

## CARE AND MAINTENANCE - acrylics

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### *Removing Canopy Acrylic*

The canopy acrylic also has a hinge for easy cleaning and access to the bulbs behind it. Unscrew the four large screws along the front of the canopy acrylic frame. Have a helper hold the acrylic as it will swing down when released. Let it rest on the bench when the screws are removed (see picture at right). Protect the acrylic and bench with a soft object (e.g. towel) laid out across the bench. The acrylic can be removed by lifting it upwards and off of its hinge strip.

Replace the canopy acrylic by engaging the hinge strip then tilting it back up into place. Secure with the screws.

### *Removing Back Acrylic*

The acrylic at the back of the bench removes in the same way the canopy acrylic does.



## CARE AND MAINTENANCE - lamp removal

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### *Fluorescent Lamps*

With the acrylics removed (or the canopy and back acrylic tilted open) you can gain access to the tanning lamps. Lamp-end covers hide the lamp holders at the head end of the bed and lock the face tanner panes in place. Along the side of the covers are large screws, like those used to secure the acrylics. The bench's lamp-end covers simply sit in place. Remove the screws and the covers to expose the end of the fluorescent lamps. NOTE: The canopy and back lamp-end covers do not need to be removed to change bulbs, however it is easier without them.

Grasp a lamp at the end and at the middle. Turn the lamp clockwise a quarter turn and gently pull it from its holder. To reinstall, line up the pins at the end of the lamp with the opening in the holder and press into place. Then turn a quarter turn to lock in place. You should feel a click when the lamp is seated properly.

**The lamps contain an internal reflector which must face out for proper operation. Make sure the writing on the lamp is visible when replacing.**

LAMP-END COVER



**ONLY THE FOLLOWING LAMP TYPES HAVE BEEN CERTIFIED FOR USE IN THE ATLANTIS™ 205:**

**ACCELERATOR® VS-R™ Wolff® Model VAC75-T12-160W Bi-Pin  
Facial Lamps - KBL 771, HERAEUS Model BQ771 Z4**

## CARE AND MAINTENANCE - lamp removal

### Face Tanner Filter Panes

With the lamp-end covers removed, as described on the previous page, the face tanner filter panes can be removed to gain access to the face tanner bulbs. For the face tanners in the canopy, the lower filter pane must be removed first. Unscrew the large screw holding it in place, tilt the pane towards you and pull out. Do the same for the upper filter panes. The back filter pane is removed by lifting the frame and tilting out the bottom.

**CAUTION** The filter glass simply slides into the holder. Do not drop the glass out of the holder.

Reinstall the filter panes by reversing the above directions.

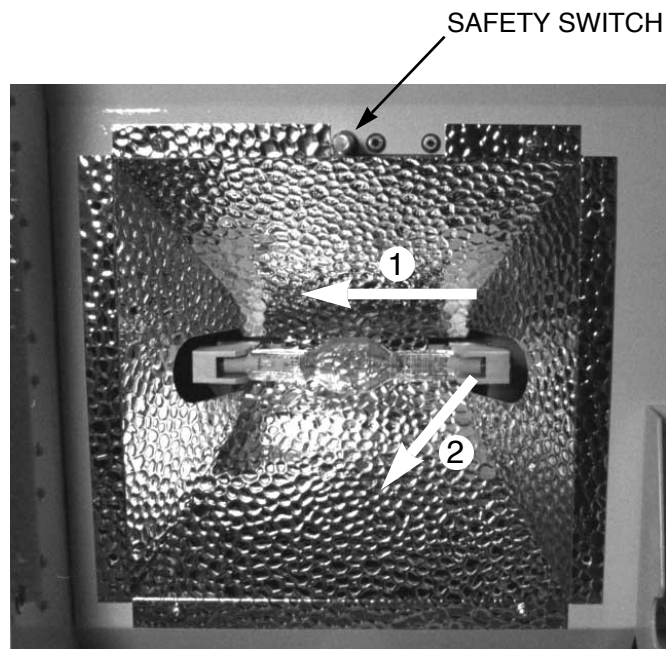
**IMPORTANT:** Inspect the filter pane glass. Scratched or otherwise damaged glass should be replaced immediately. The light from the face tanner bulbs is intense enough to cause serious burns to the eyes and face without proper filtering. The face tanner assemblies are equipped with a safety switch which disconnects power to the affected face tanner bulb if a filter pane glass should crack.

### Face Tanner Bulbs

Hold the end of the face tanner bulb with a soft cloth. Push the bulb to the left (1) and then pull the right end out (2) as shown in the picture to the right. Do not touch the bulb with your fingers as oils from your fingers will shorten the life of the bulb. You will notice that the contactors for the bulb socket are in the shape of a point. These points fit into the ends of the bulb. Be sure the bulb is seated properly when replacing. The small glass projection on the bulb should point towards the reflector when installed.



FILTER PANE



## CARE AND MAINTENANCE - *air filters*

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The Atlantis™ 205 uses filters to clean the air used to cool the interior of the bed as well as the tanner. It is recommended that these filters be checked and cleaned, or replaced every 100 hours of operation (more or less depending on the installation site). They may be cleaned using a vacuum or washed by hand using mild detergent. Replace only with the proper filter mats obtained from your customer service representative.

### *Bench Filters*

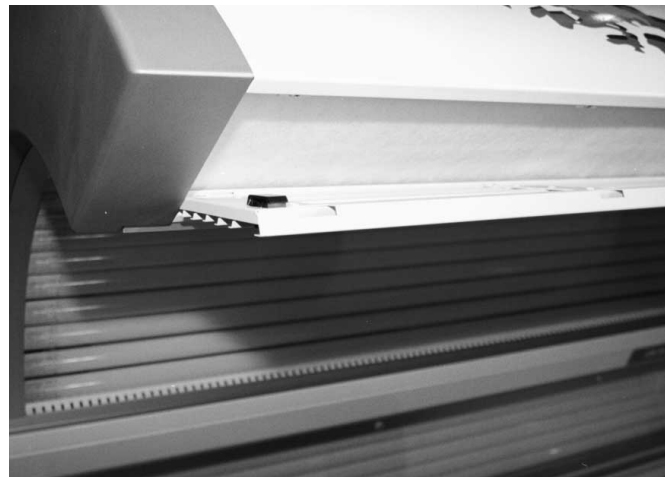
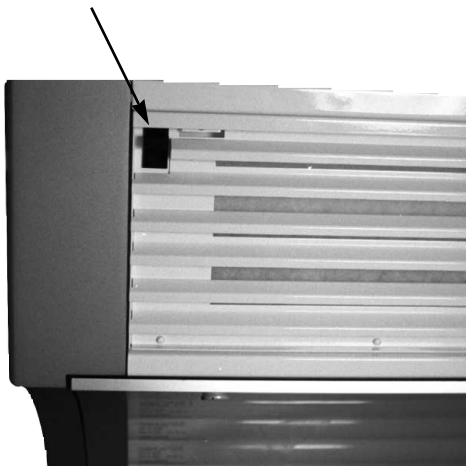
The bench filters are located under the front bench plate, the white plate with the warning labels. To access the filters unscrew the two large white screws holding the plate down and swing the plate over on its hinge as shown at right. The filters simply sit in place, with their edges tucked under the metal ledges, and can be pulled out easily. The two filter mats are identical.



### *Canopy Filters*

The canopy filters are located at the front of the canopy under the white grills (shown below). Remove the grills by pushing the black catches downward and flipping the grill out. The grill has tabs, which engage slots in the canopy, and can be removed. The filter mats can be removed for easy cleaning.

BLACK CATCH



## CARE AND MAINTENANCE - *adjusting lift mechanism*

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The lift mechanism used by the Atlantis™ 205 utilizes a large spring and steel cable. Occasionally this mechanism will need to be adjusted due to the nature of the equipment, namely steel cable will stretch slightly with temperature changes and use. This is not a problem, however adjustment is necessary to keep the sunbed operating optimally.

### *Adjusting the Spring*

In the front corners of the bench are two small, square access hatches held in place with magnets. You may need a small, flat-bladed screwdriver to gently pry them off. Insert the adjustment wrench, supplied with your sunbed, into the hole and engage the nut inside. Turn the wrench clockwise to give the canopy more lift. Turn counter-clockwise to allow the canopy to lower. A long screwdriver may be needed as a handle when turning the wrench as shown on the right. Remember to adjust both springs equally or the canopy may twist slightly, causing it to bind on its hinge.



### *Safety Damper Brake*

Your sunbed has an important safety feature which ensures that the canopy can not come down too quickly. This is important during regular use as well as in the highly unlikely event that the lift mechanism should fail. During normal use the damper brake keeps the canopy movement smooth and cushions it when fully opened. To test, stand in front of the unit, grasp the canopy handle and pull downward as quickly as you can. The safety damper brake should lock and stop the canopy. If it does not, call your service representative to have the brake replaced.



# Troubleshooting

PROBLEM	SOLUTION
Sunbed will not turn on	<ul style="list-style-type: none"> <li>• Make sure unit is properly connected to a power source.</li> <li>• Check source of AC power. Reset circuit breaker or replace fuse if necessary.</li> <li>• Make sure the remote control is opening and closing its contact relay. The remote contact relay must open before the Atlantis™ 205 will allow the next session to begin.</li> </ul>
Sunbed not tanning	<ul style="list-style-type: none"> <li>• Clean sunbed, see <i>Thorough Periodic Cleaning</i>.</li> <li>• Ensure supply voltage is between 208 and 230V AC.</li> <li>• Replace lamps if lamp hours are greater than 800hrs.</li> </ul>
One or more lamps fail to light	<ul style="list-style-type: none"> <li>• Check if lamp is installed correctly.</li> <li>• Switch unlit lamp with a lamp that lights. If new lamp lights and old lamp still does not, replace old lamp.</li> </ul>
Face tanner lamps will not turn on	<ul style="list-style-type: none"> <li>• Check to see if filter panes are installed correctly.</li> <li>• If face tanner lamps are turned off they require 3 minutes cool-down before they will light again.</li> <li>• Replace face tanner bulb.</li> </ul>
Canopy will not stay up or will not stay down	<ul style="list-style-type: none"> <li>• Adjust lift mechanism. See <i>Adjusting Lift Mechanism</i>.</li> </ul>
Unit turned off and timer display is flashing "04"	<ul style="list-style-type: none"> <li>• The unit is getting insufficient airflow. Clean air filters and remove any obstructions to all vent openings. Press and hold the start and stop buttons simultaneously until the error message clears.</li> </ul>
Sunbed is too hot when operating	<ul style="list-style-type: none"> <li>• Clean air filters and remove any obstructions to all vent openings.</li> <li>• Room is too warm. Install additional cooling devices.</li> </ul>

If you continue to have problems with your Atlantis™ 205, contact your customer service representative. We will be pleased to help you if you have any questions.

### **Limited Lifetime Warranty**

**ATLANTIS™** warrants your tanning unit to be free of structural defects in its material and workmanship, under normal use, for its lifetime. **ATLANTIS** 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, **ATLANTIS** 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.

**ETS, Inc.** disclaims any implied warranty of merchantability or fitness for any period beyond the expressed warranty. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

No one has authority to change or modify this Limited Lifetime Warranty in any respect. To obtain service under the Limited Lifetime Warranty, contact **ETS, Inc.** at 1-800-449-3605, and ask for the Technical Service Department.

**ETS, Inc.** SHALL NOT BE LIABLE FOR LOSS OF USE, LOSS OF TIME, INCONVENIENCE, RENTAL OR SUBSTITUTE PRODUCTS, LOSS OF BUSINESS, LOSS OF INCOME, OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

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

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 **ATLANTIS** Service Center nearest you. Proof of purchase is required to obtain warranty service.

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

**CALL FOR SERVICE OR QUESTIONS:  
1 • 800 • 449 • 3605**



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

**Record this information for ease of service**

Date of Purchase \_\_\_\_\_

Serial Number \_\_\_\_\_