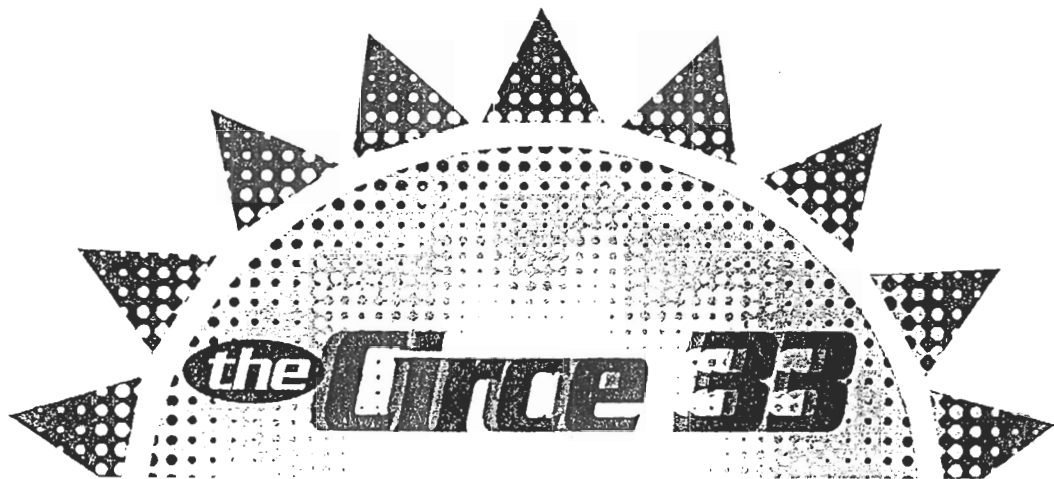


**puretan**



# Owner's Manual

*\*Asterisk, Inc.*

Manufacturers For:  
puretan® International Inc.  
14848 Venture Drive  
Dallas, Texas 75234  
(800) 338-8267

## 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 LONG-TERM 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.

### SKIN TYPE:

- I SENSITIVE - Burns easily and severely and does not tan.  
(NOT RECOMMENDED FOR TANNING)
- II LIGHT - Burns easily and tans minimally.  
(3 min. max 1st 3 sessions / see schedule at right)
- III NORMAL - Burns moderately and tans gradually.  
(3 min. max 1st 3 sessions / do not exceed 20 min. max)
- IV DARK - Burns minimally, tans easily and above average.  
(3 min. max 1st 3 sessions / do not exceed 20 min. max)

WARNING: Maximum recommended exposure time is 20 minutes.

Use protective eyewear type intraxco Gironde 12, 3831 AB LEUSDEN, The Netherlands, Cat. No. 5653/1s color green, whenever the product is energized.

Minimum use distance:  
Sunroof 0.038 mtr (1.5")

The recommended exposure position is lying on the contoured acrylic surface of the sunbed, and under the acrylic surface of the sunroof in the closed position.

WARNING: Use of other positions as well as exposure at less than minimum use distance may result in overexposure and is therefore not recommended.

The recommended exposure position is lying on the contoured acrylic surface of the sunbed, and under the acrylic surface of the sunroof in the closed position.

WARNING: Use of other positions as well as exposure at less than minimum use distance may result in overexposure and is therefore not recommended.

### EXPOSURE TIME AND FREQUENCY FOR TYPE II SKIN

WEEK	1	1	1	2	2	2	3	3	3	4	4	4
SESSIONS	1	2	3	1	2	3	1	2	3	1	2	3
MINUTES PER DAY	3	3	5	5	7	7	10	10	12	15	18	20

\*Read instruction booklet before using this product.

\*A spacing of 48 hours between exposures the first two weeks and a spacing of 24 hours between sequential exposures is recommended.

\*It may take 1 to 4 exposures before the expected results appear.

\*Schedule for maintenance of tan 20 min. max twice per week.

Ultraviolet lamps to be used in this product:

Puretan S+ or Puretan Spectralarium R+

WARNING: Terminate power to this equipment before servicing.

### EXPOSURE TIME AND FREQUENCY FOR TYPE II SKIN

WEEK	1	1	1	2	2	2	3	3	3	4	4	4
SESSIONS	1	2	3	1	2	3	1	2	3	1	2	3
MINUTES PER DAY	3	3	5	5	7	7	10	10	12	15	18	20

\*Read instruction booklet before using this product.

\*A spacing of 48 hours between exposures the first two weeks and a spacing of 24 hours between sequential exposures is recommended.

\*It may take 1 to 4 exposures before the expected results appear.

\*Schedule for maintenance of tan 20 min. max twice per week.

Ultraviolet lamps to be used in this product:

CosmoTech 400 R7s 23045

WARNING: Terminate power to this equipment before servicing.

**This product is in conformity with performance standards for sunlamp products under 21 CFR part 1040.**

MANUFACTURER: CURRENT:  AMP  WATT

ASTERISK, INC. AC VOLTAGE:  HERTZ:   
14848 VENTURE DR.  
DALLAS, TX 75234 SERIAL NO:

MANUFACTURED:

MODEL:

QC

UVA SOURCE:

CAUTION: DISCONNECT POWER CORD FROM SUPPLY CIRCUIT  
PRIOR TO SERVICING UNIT.

# **SAVE THIS MANUAL**

## **PLEASE NOTE**

**Indoor Tanning Facilities are regulated by Health Departments in many States and Provinces. These User's Instructions must be available upon an inspection by any State or Federal Agency.**

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Congratulations! You are the owner of the finest tanning equipment on the market. Be assured that the Circe 33 by **puretan** is manufactured with care using the best materials, components and craftsmanship possible.

In order to receive maximum benefit from your Circe sun system please read and understand this manual thoroughly.

## The sun

The sun is the source of all energy on earth. It provides us with light which enables us to see and make plants grow. It emits infrared rays which we experience as warmth. A third form of solar energy is less noticeable, but equally important for our well being; ultraviolet radiation. This electromagnetic radiation is divided into three bands:

long wave (uv-a)	400-321 nm
medium wave (uv-b)	320-261 nm
short wave (uv-c)	260-180 nm

Radiation in the short wave band provides a strong germicidal effect and lamps emitting uv-c are used for air and liquid disinfection. Though the sun emits uv-c it is filtered out by the earth's ozone layer and therefore does not reach the earth. You will find no uv-c radiation emitted by your Circe 33. **puretan** tanning products use only ultraviolet radiation from the uv-b and uv-a regions for the cosmetic tanning process.

## The process of tanning

The immediate tanning that occurs with exposure to ultraviolet radiation of wavelengths longer than 300 nm and extending into the visible blue region is the darkening of existing melanin. This melanin is formed in the skin under the influence of uv-b. This melanin moves through the cells at the surface of the skin, and there changes into pigment. The tan produced in this way is called "indirect tanning". Tanning under uv-b starts slowly, but the overall time to get a deep tan is shorter than with uv-a. With uv-b the skin goes through a stage of reddening called "sunburn" or erythema. Uv-a causes direct tanning. Direct tanning starts immediately but takes longer to obtain an attractive tan. The lamps in your Circe 33 use a combination of uv-b and uv-a in the exact proportions, based upon recommended exposure time, to give your skin the attractive, bronze tone you desire in a short period of time.

## Protecting the eyes

Ultraviolet radiation in the uv-b and uv-a regions may cause eye damage. **puretan** therefore provides protective eyewear with each piece of tanning equipment and recommends their use during each tanning session.

Use protective eyewear type Interexco Gironde 12, 3831 AB LEUDSEN, Cat. No. 5653/1S color green, or other quality, certified eyewear whenever the product is energized.

### Warning

The Circe 33 is designed for use by only one person at a time. Therefore, one pair of protective eyewear is provided.

### Exposure time and schedules

Control of exposure times is provided by means of a timer incorporated in the equipment. **Turn the knob clockwise and set knob to desired time to start, and turn knob counter-clockwise to terminate session.** The maximum recommended exposure time of a tanning session is 20 minutes. During this time the use of the protective eyewear provided with your Circe 33 is recommended. Following the recommended exposure times at the end of this section should produce results within one to four sessions.

### Caution

The length of exposure in new equipment or in equipment recently refitted with new lamps should be reduced by 20% to limit the possibility of erythema. This reduction should remain in effect for a minimum of 50 hours from the time of installation.

### Minimum use distances

The recommended exposure position for the Circe 33 is lying on the contoured acrylic surface of the sunbed, and under the acrylic surface with the sunroof in the closed position. The minimum use distance is limited by the acrylic surface of the sun bed and may be no less than 1.5" from the acrylic surface on the sunroof.

Exposure times for lamp types: **Puretan S+, or Puretan Spectralarium R+**

WEEK	1	1	1	2	2	2	3	3	3	4	4	4
SESSIONS	1	2	3	1	2	3	1	2	3	1	2	3
MIN. PER DAY	3	3	5	5	7	7	10	10	12	15	18	20

A spacing of 48 hours between exposures the first two weeks and a spacing of 24 hours between sequential sessions is recommended. It may take 1 to 4 exposures before the expected results appear.

**If your Circe 33 is equipped with the optional facial cassette system:**

Exposure times for lamp types: **CosmoTech 400R7s 23045**

WEEK	1	1	1	2	2	2	3	3	3	4	4	4
SESSIONS	1	2	3	1	2	3	1	2	3	1	2	3
MIN. PER DAY	3	3	5	5	7	7	10	10	12	15	18	20

A spacing of 48 hours between exposures the first two weeks and a spacing of 24 hours between sequential sessions is recommended. It may take 1 to 4 exposures before the expected results appear.

**Cleaning the sunbed and sunroof**

After each session is completed, spray the acrylic surface with **puretan** disinfectant anti-fungal cleanser made specially for tanning products. Do not use conventional cleaners containing alcohol, ammonia or astringents. Do not wipe acrylic surfaces with a dry cloth as the static charge formed will attract dust.

**Caution**

**Always terminate power to the system before servicing or cleaning.** Do not use excessive amounts of water, abrasive cleaners, or cleaners with warning labels regarding reactions to contact with the skin. Do not use products containing alcohol, ammonia or astringents.

**Repairs and recommended replacement parts**

**puretan, inc.** or your **puretan** distributor is capable of providing prompt and up to the minute service recommendations should you equipment require exceptional maintenance.

**Recommended parts replacements**

It is recommended that parts such as timers, protective eyewear and lamps be replaced with factory supplied parts obtainable through **puretan International Inc.**, 14848 Venture Dr., Dallas, Texas, 75234 (1-800-338-8267) or your **puretan** distributor or dealer. Only factory approved parts when installed as instructed insure continued compliance with CSA/NRTL standards.



## Circe Assembly with Roller Arm Option

Please refer to **Compression Lift Assembly Procedures** on page 9 for bed installation. Skip steps indicated in Figures 5-10. Diagrams specific to Roller Arm Assembly will be shown on page 5.

Layout the Styrofoam blocks on the couch assembly. Attach the roller arms to the couch (grooved side toward the couch) with four 3/8" X 2 3/4" Allen cap bolts and black flat washers provided (see figure 1-RA). **Note: Use enclosed Loctite when installing the Allen Cap bolts.** Be certain that when tightening the bolts, you alternate two or three turns on each bolt position in order that the arm comes in contact with the end plate of the couch uniformly. Before installing the canopy, make the following observations of the roller arms. Note that the curved groove is open at the bottom end. The groove, which is horizontal at the top of the arm, is open at the rear.

Carefully remove the canopy from the carton marked "sunroof" and lay it on the carpet or similar surface with the acrylic side down. Locate the four rollers, spacer washers and axle bolts (see figure 2-RA). Push the roller (2) onto the axle bolt (1) so that the head of the bolt fits into the recess in the roller. Slide the metal spacer (3) and washer (4) onto the bolt until only the threads are exposed. **Note: Use enclosed Loctite when installing the Allen Cap bolts.** Locate the two 3/8" threaded holes on each end of the sunroof (one is five exhaust slots from the rear, and the other is in the lower center) and screw the axle bolts into the canopy end plates. Be sure to insert the bolts carefully to prevent "cross threading" and tighten with the 1/4" Allen wrench provided.

The following exercise will require two people, even though the canopy is relatively light weight. Hold the canopy in a vertical position from back to front (figure 3-RA) and simultaneously insert the rear rollers (A) into the rear curved groove (1) through the opening at the bottom of the arm. Still holding the canopy, lift upward evenly (rear rollers (A) will be rolling upward in the rear groove) until the center rollers are higher than the top of the roller arm. Tilt the unit forward, and simultaneously insert the center rollers (B) in the horizontal groove through the opening (2) in the top of the arm, and pull canopy forward, as you are closing it. The canopy should now roll in the grooves, and easily open and close.

**Install the component tray as per instructions on page 14 before installing front cover panel on base.**

# Roller Arm Assembly Diagrams

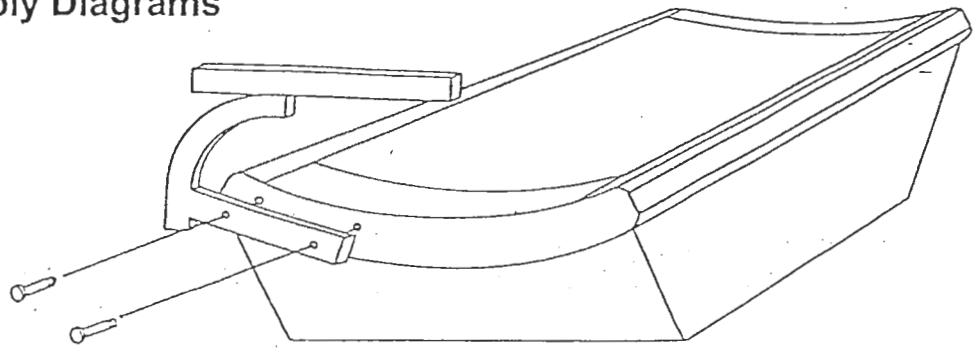


Figure 1-RA

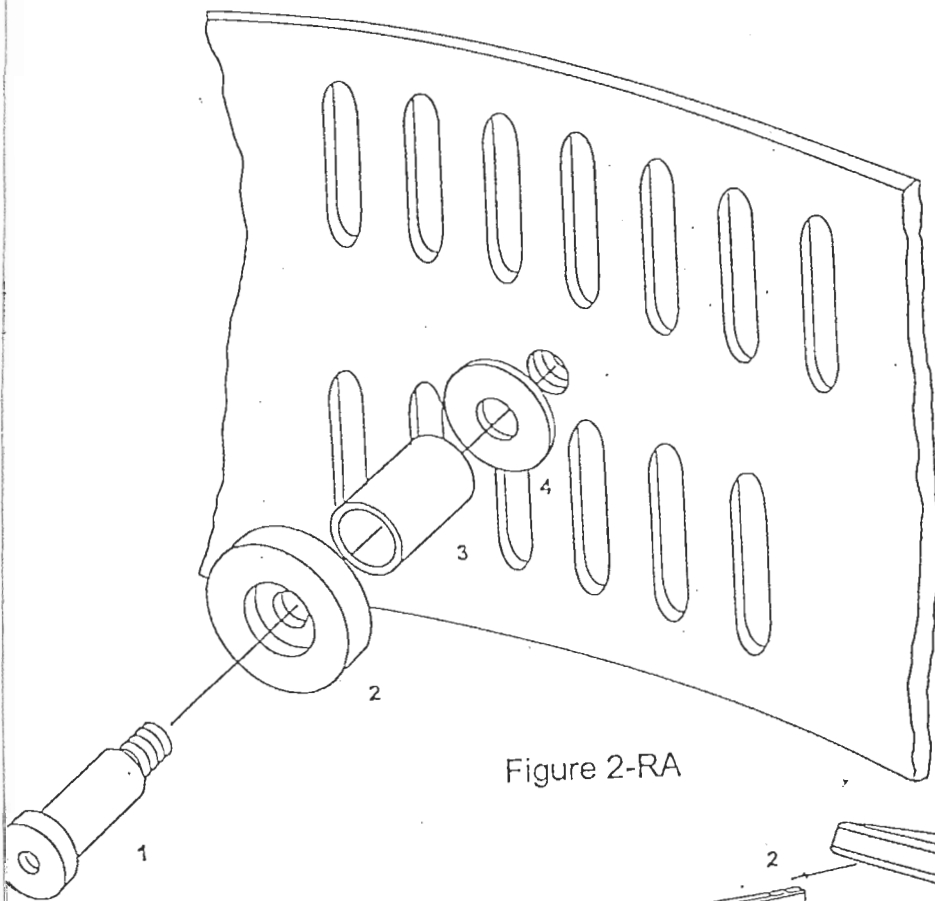


Figure 2-RA

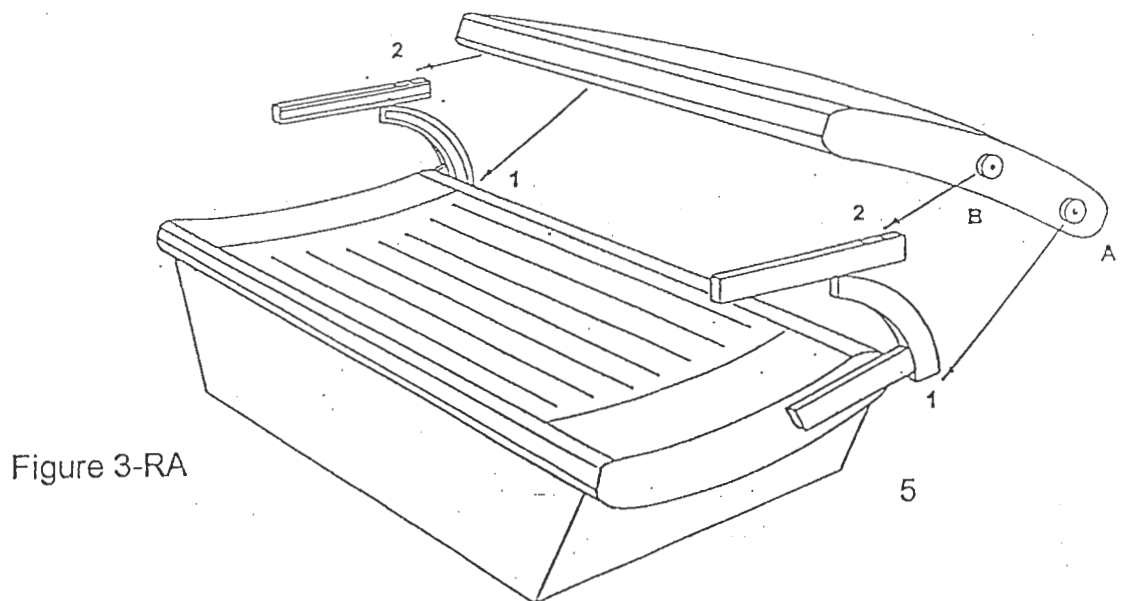


Figure 3-RA

## Circe Assembly with Gas Piston Option

Please refer to **Compression Lift Assembly Procedures** for bed installation on page 9. Skip steps indicated in Figures 5-10. Diagrams specific to Gas Piston Assembly will be shown on page 8.

Remove the acrylics from both the couch and the canopy, and install the gas piston mounting hardware shown in Figure 2-GP. Counting the exhaust slots from the rear of the unit, place a slot clearance spacer (Figure 2-GP, Item 3), either close or far from the acrylic. Place gas piston ball mount (Fig. 2-GP, Item 1) in remaining slot opening (Example: Fig. 2-GP shows spacer close to the acrylic). Use table below to determine placement.

<u>Model</u>	<u>Slot Position</u>	<u>Close/Far</u>
Circe Canopy	22	Far
Circe Couch	8	Far
Circe Canopy w/Facial	16	Close
Circe Couch w/Facial	20	Far

Once the gas piston mounting hardware has been installed replace the acrylic in the canopy. **Leave the couch acrylic out in case a minor adjustment is needed for correct gas piston operation.** Lay the enclosed Styrofoam arch supports across the bed and place the canopy on these arch supports, as in Figure 1-GP.

Mount the hinge plates to the couch assembly by lining up the clearance holes in the hinge plates with threaded holes in the end plate of the couch (Figure 4-GP). Secure the hinge plates with 3/8" Allen head bolts and flat black washers. Attach the hinge plates to the canopy as shown in Figure 3-GP, using two flat washers, one on either side of the hinge plate. **Note: Use enclosed Loctite adhesive when securing Allen Cap bolts.**

Locate the gas pistons, and remove the ball socket metal retainers on both ends of the gas piston by unclipping tab, and sliding the retaining pin out from the socket assembly. Attach the gas pistons with cylinder end up to the canopy ball mount on both sides. Then, after raising the canopy, locate the couch ball mount, and insert bottom end of the gas piston socket assembly on the ball mount. Remove the Styrofoam supports and the canopy should easily open and close. Reinstall the metal retainers on gas piston mount assemblies and the couch acrylic.

## **Gas Piston Final Adjustments**

Due to variations in tolerance on the gas pistons when manufactured, there may be occasions where a slight final adjustment is required. Before reinstalling the couch acrylic, relocate the couch gas piston mounting ball joints one or two slots in either direction. Recheck the canopy operation, then install the metal retainers on the gas piston mount assemblies and the couch acrylic.

### **Problem**

Canopy will not stay open

Canopy will not stay closed

### **Solution**

Move ball mount on couch towards front 1 or 2

Move ball mount on couch towards rear 1 or 2

**Install the component tray as per instructions on page 14 before installing front cover panel on base.**

# Gas Piston Assembly Diagrams

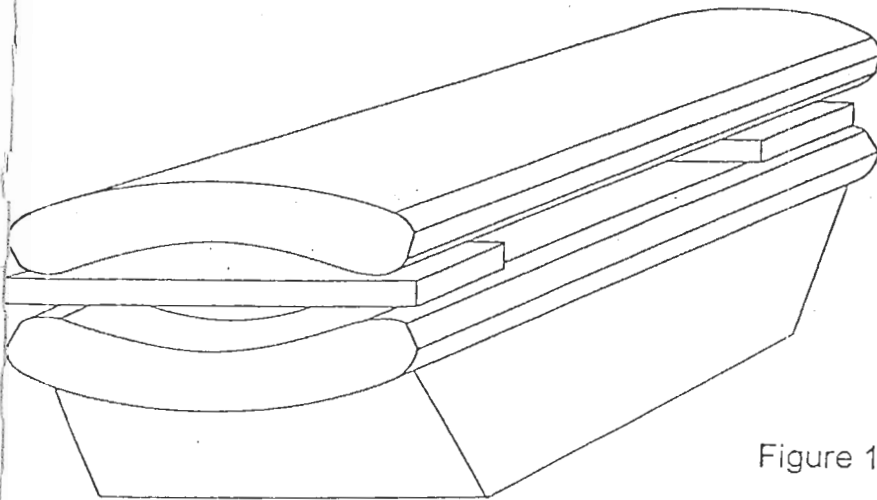


Figure 1-GP

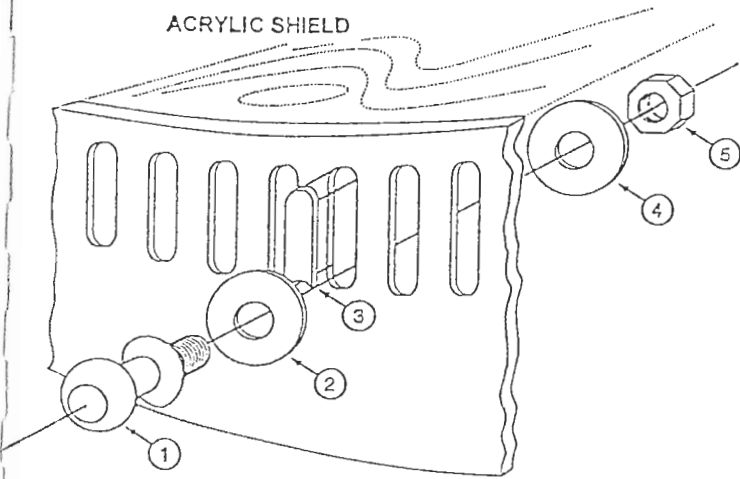


Figure 2-GP

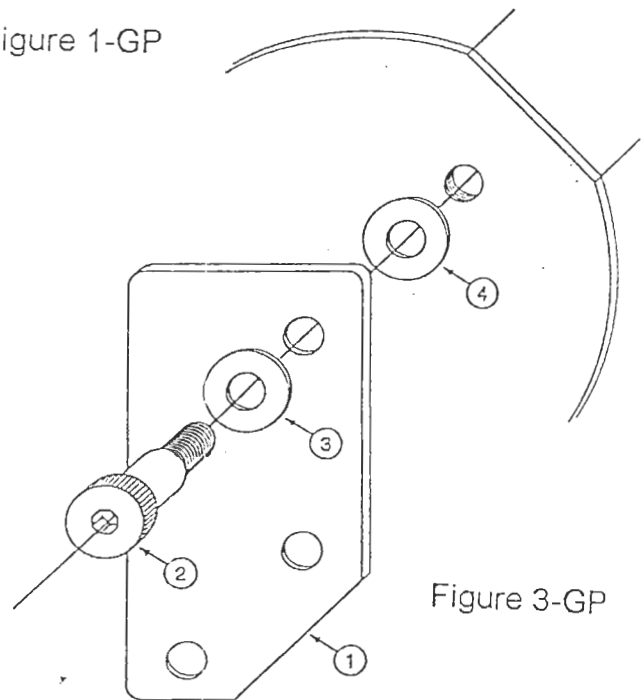


Figure 3-GP

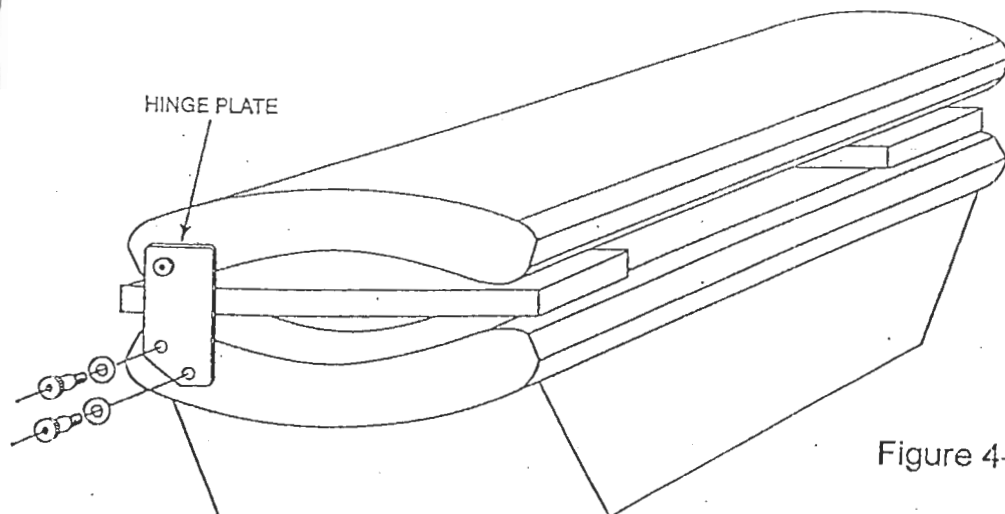


Figure 4-GP

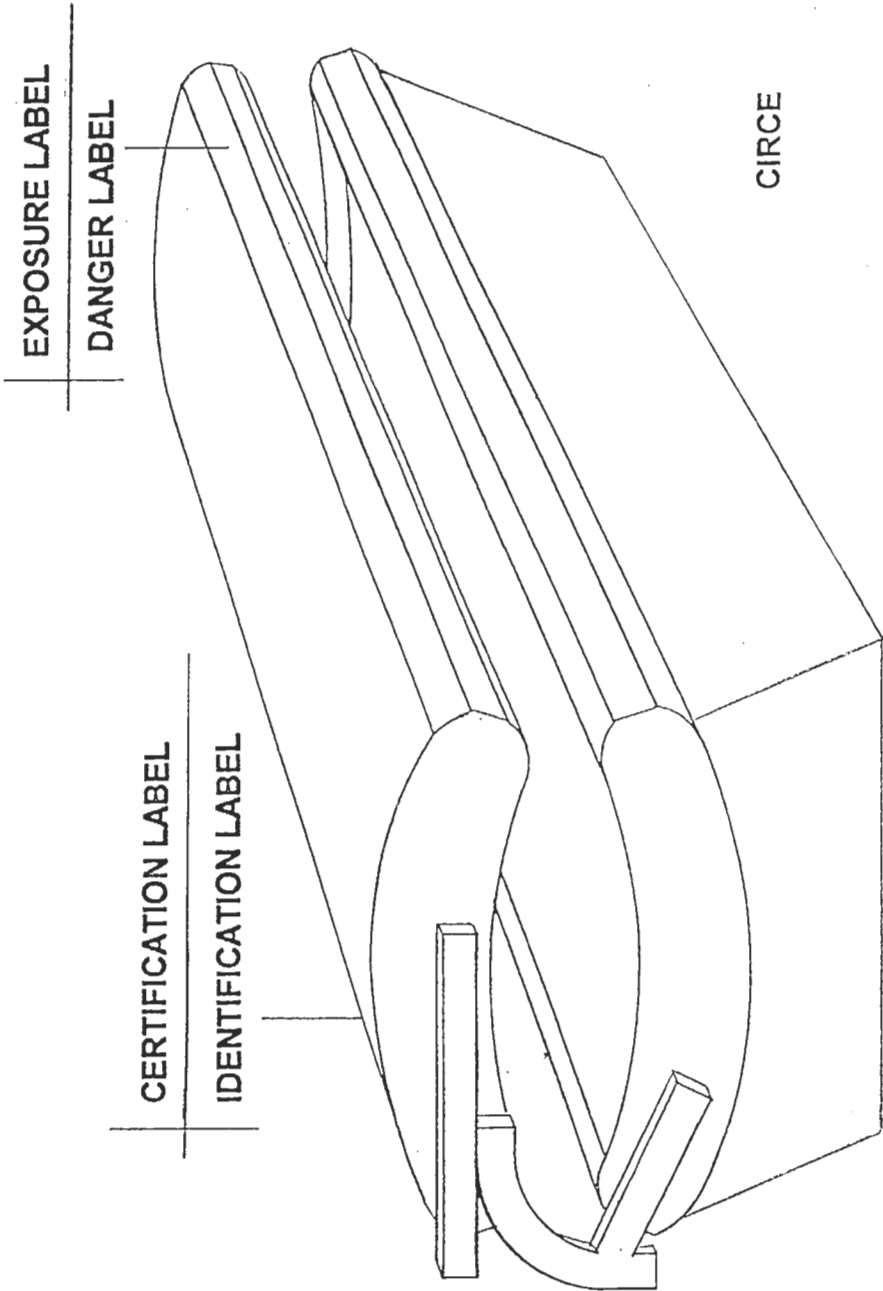
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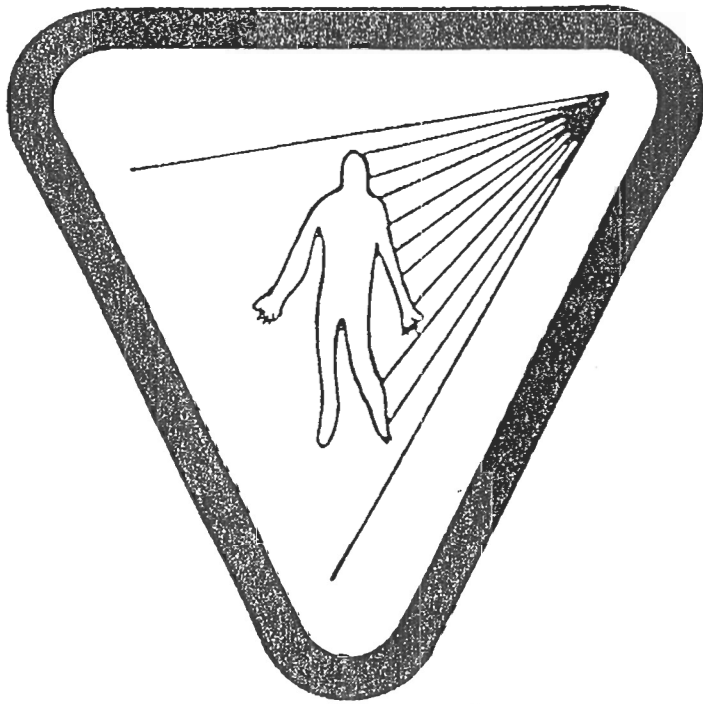
DANGER LABEL

CERTIFICATION LABEL

IDENTIFICATION LABEL

CIRCE





## Compression Lift Assembly Procedures

Locate the boxes labeled "base legs", "compression lift kit", component tray" and "sunbed". All mounting hardware is located in "compression lift kit". The floor pan is located in the "component tray" box. Layout the base legs as shown. Align and secure the galvanized floor pan to legs with studs provided, making sure the floor pans mounting strip is towards the rear of the unit. Then install rear panel with 1/4-20 screws provided.

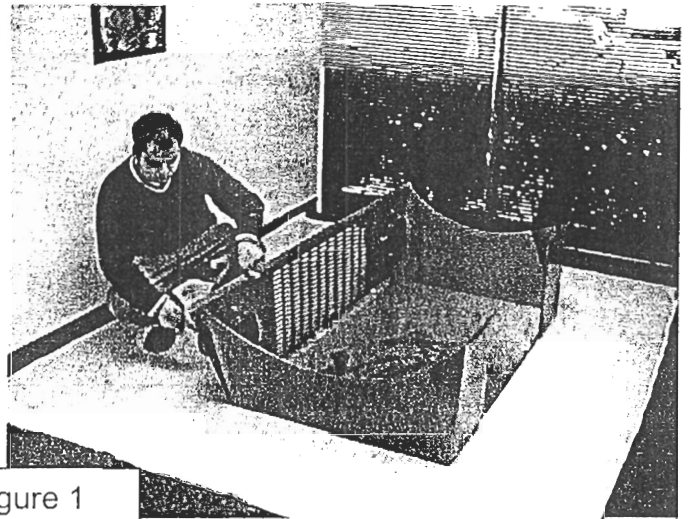


Figure 1

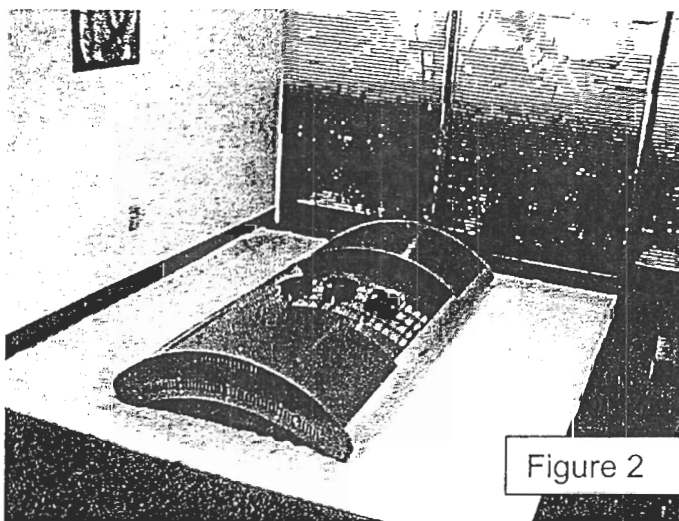


Figure 2

Carefully remove the couch assembly from box labeled "sunbed". Place the couch acrylic side down on a carpeted or padded floor to prevent scratching.

Turn base assembly over and place on the couch assembly. Align the mounting holes and secure with 1/4 -20 screws. **Note: Make sure all screws are started before tightening.**

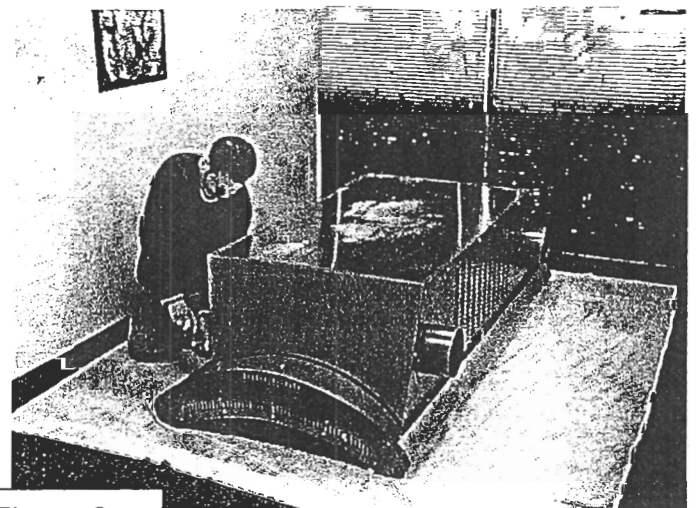


Figure 3



Turn the unit over so that it is resting on the base legs. This can be achieved by two methods; rolling the unit over on a padded floor or by lifting and rotating

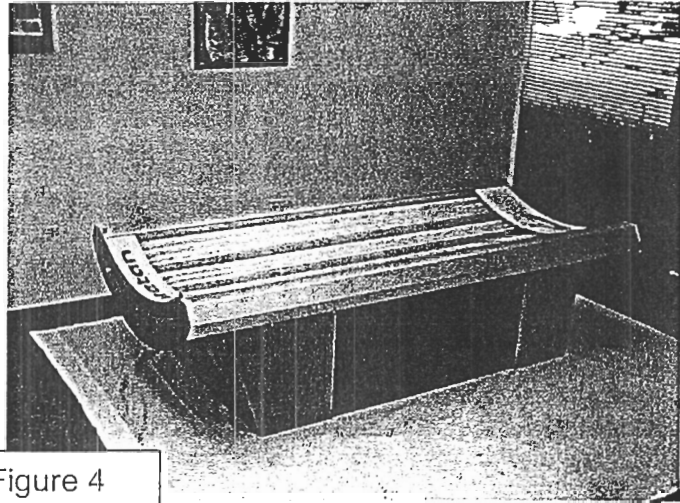


Figure 4

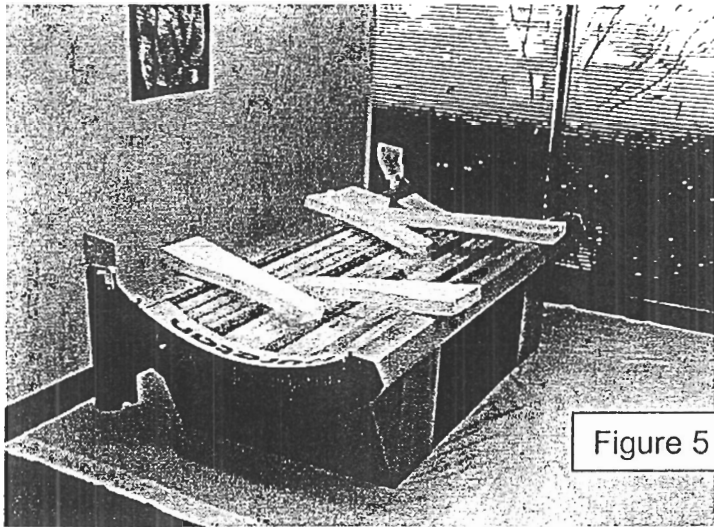


Figure 5

Install compression lift assemblies by mounting lift housings with shoulder bolts and flat washers through holes provided (labeled "A" in compression lift diagram on page 13) to couch end plates. Layout the Styrofoam blocks included with the shipment on to the couch acrylic.

Carefully remove the canopy assembly in box labeled "sunroof". Lay the canopy on top of the couch, using the Styrofoam to protect the couch acrylic. Position the canopy between the two hinge plates of the compression lift assemblies. See page 16 for Beauty Cover Installation.

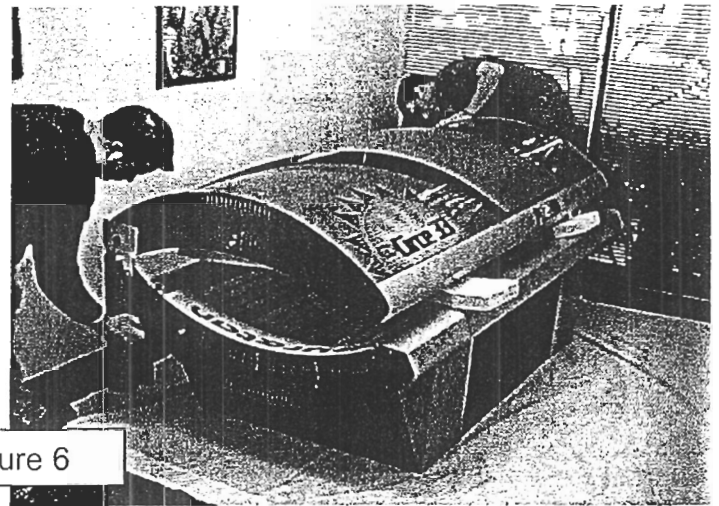


Figure 6

Mount shoulder bolts with flat washers through hinge plate holes (designated "B" on compression lift assembly diagram on page 13) on to canopy end plates. Once these bolts have been started and tightened. Finish tightening shoulder bolts in holes (labeled "A" in diagram on page 13) on both left and right compression lift assemblies.

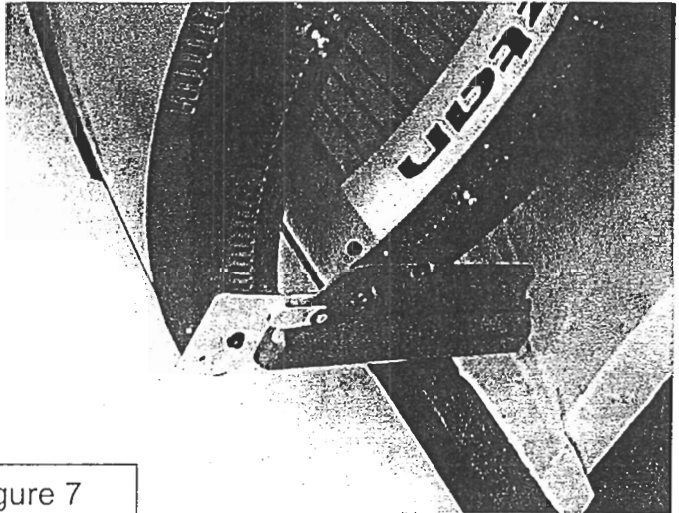


Figure 7



Figure 8

Once all shoulder bolts on both left and right compression lift assemblies have been tightened, raise canopy and align endplate mount through compression lift mounting hole (labeled "C" in compression lift diagram on page 13) on both left and right assemblies.

Install shoulder bolts with flat washers on both left and right compression lift assemblies. Then tighten securely.

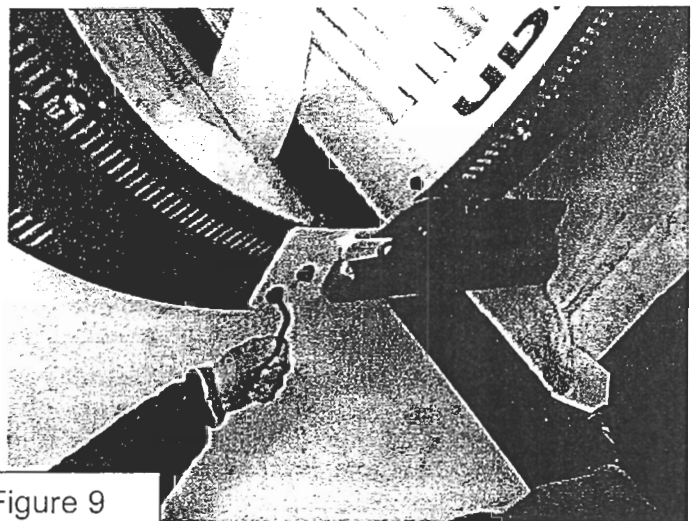


Figure 9

Continuing to hold the canopy in the raised position, **slowly** tighten the spring tensioner nut (labeled "D" in compression lift diagram on page 13), using the ratchet and the deep socket provided in the hardware kit. Adjust tension on both left and right compression lift assemblies equally by tightening 2 or 3 turns on each side, periodically checking the canopy travel. The adjustment is complete when the canopy easily opens or closes and maintains its position.



Figure 10

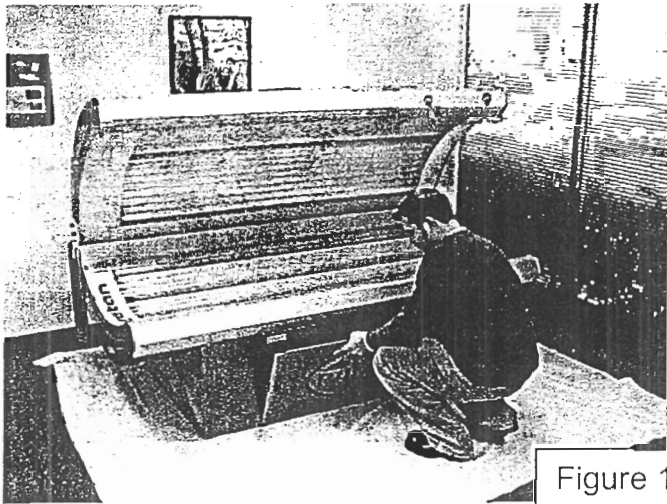


Figure 11

Install component tray as per instructions on page 14. Then install front panel with  $\frac{1}{4}$ -20 screws provided.

Your puretan tanning bed is now ready for service.

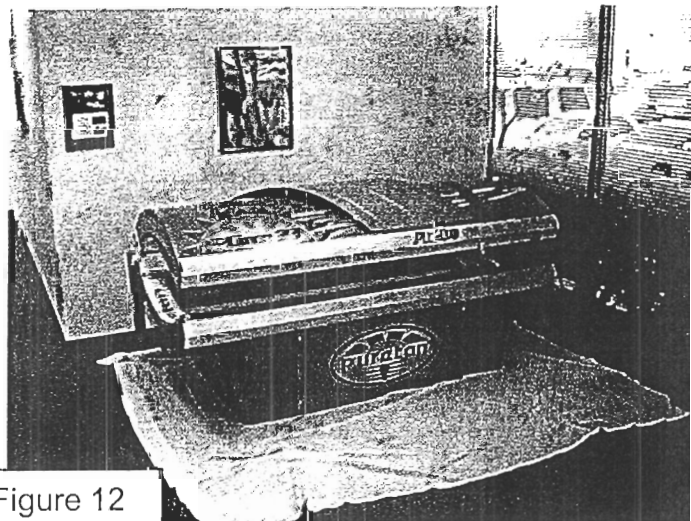
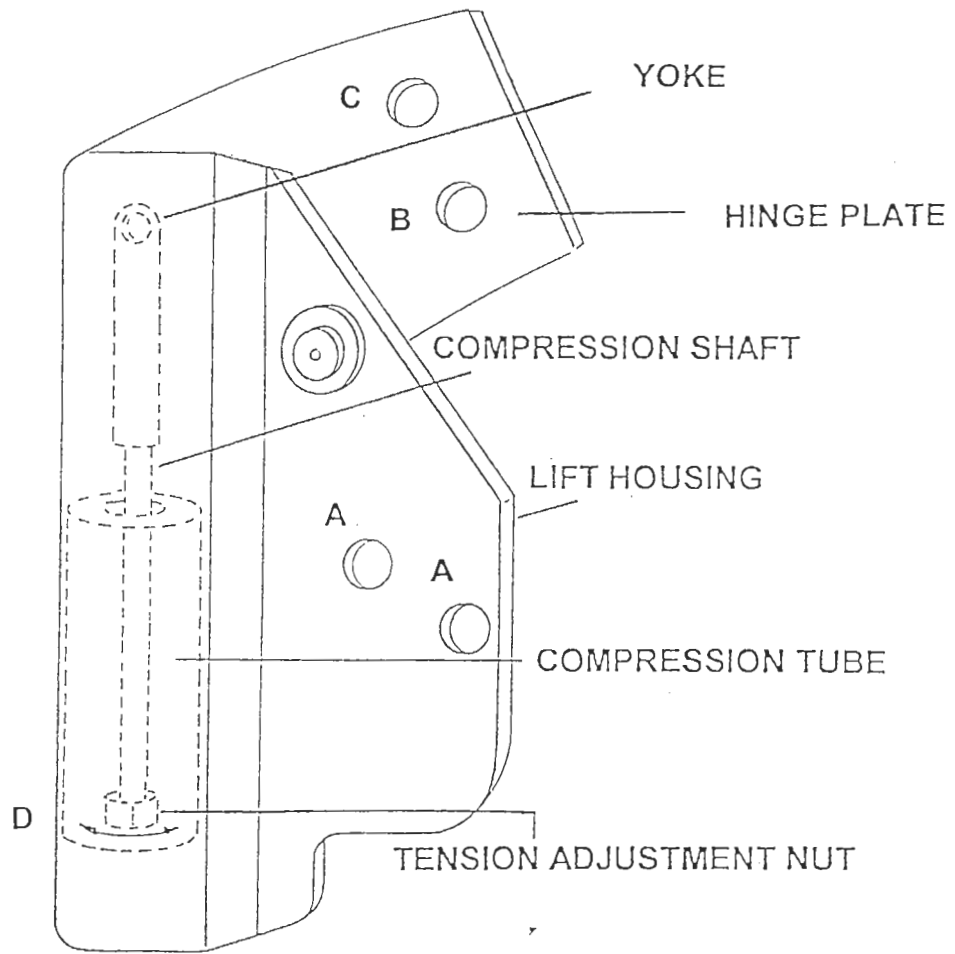


Figure 12

# Compression Lift Assembly Diagram



## Component Tray Installation

Before installing the front panel orient the component tray in the opening of the base assembly with the hour meter facing towards you. Please refer to component tray layout diagram on page 15 to help familiarize yourself with the location of the components. Use the list below to identify and connect all cables.

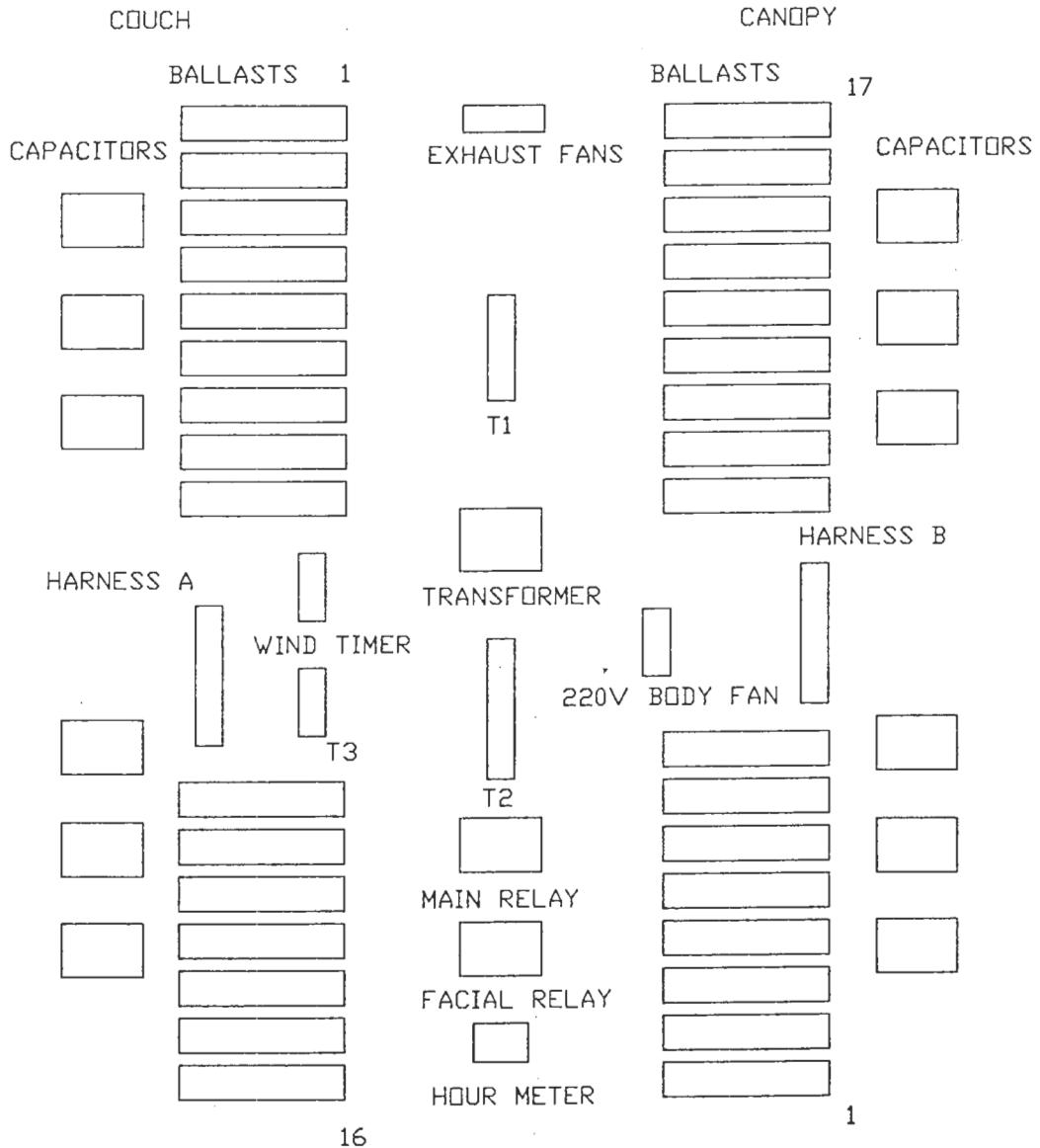
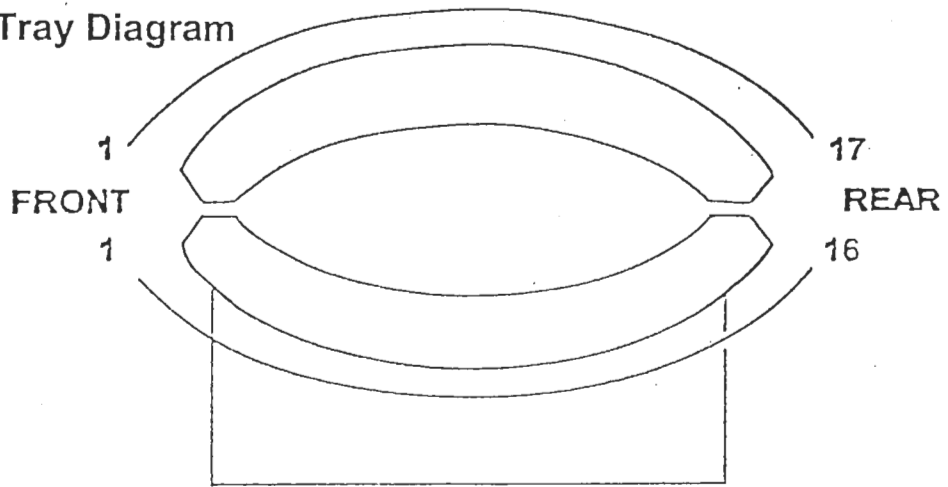
1. From the tray, connect the cable marked "Exhaust" to the rear exhaust fans mounted on the rear panel.
2. Run the main "power" cable and the remote timer cable (with blue wire nut) from the tray through the rear panel access slot. Do not connect main power to system until all connections have been made. Please see remote timer installation instructions on page 17.
3. Place or mount wind timer box in it's desired location and run cable through the rear panel access slot. Connect to the "timer" plug on the component tray.
4. Run couch harness "A" and canopy harness "B" through the rear panel access slot and connect to the "A" and "B" plugs on the component tray. These connections are not interchangeable.
5. If your system has the optional facial system, run "facial power" and "facial switch" cables from the canopy through the rear panel access slot to the component tray.
6. If your system has the optional 220V body fan, first mount the body fan as per mounting instructions. Then run cable through the rear panel access slot and connect to "fan" plug on the component tray.
7. Once all cables have been connected install the rear panel access slot cover allowing enough slack in the cables to pull out the component tray for servicing.

The power cord is to be connected to a **dedicated single phase 30 amp circuit. (40 amp if your system has the high pressure facial option). The optimum voltage is 228. Voltage of 218 is the extreme low and voltage of 233 the extreme high. Voltage output above or below this range will cause ineffective operation, and or damage to the sun system.** Your Circe 33 is now ready to test, by turning the timer knob on the face of the right power base clockwise.

**CAUTION! It is important that when relocating the sun system, lifting or moving of the sunbed is necessary. Do not, under any circumstance, attempt to lift the system by the rollerarms.**

\*See instructions on page 17 for remote control timer installation.

# Component Tray Diagram



## Beauty Cover Installation

The canopy beauty cover is located with the canopy assembly. Remove the canopy cover from the canopy. Locate the 2 metal stand-offs with screws and lock washers attached at both ends in the hardware bag. Remove the screws and lock washers from the stand-offs. Install stand-offs by inserting a screw with lock washer through the bottom side of canopy cover in hole provided. Mount the metal stand-off to the top of canopy cover, tightening with a screwdriver. Perform this procedure for both holes. Once the 2 stand-offs have been attached, remount the canopy cover to the canopy assembly. Place beauty cover on canopy cover aligning holes provided in beauty cover with the metal stand-offs and attach with the 2 remaining screws and lock washers. Finally, take the front and back tongues of the cover and slide into aluminum profile grooves with the canopy cover.

**Affixing the logo decals:** The positioning of the graphics is your option. On the brochure they are shown on the aluminum cover, but they may be placed on any metal surface. To affix the graphics; spray a liberal amount of glass cleaner on the desired area. Remove the heavy backing paper and place the logo on the metal. The glass cleaner will allow you to adjust the position while still wet. Carefully peel off the masking, while pressing on the vinyl graphic. Squeeze out the excess cleaner and bubbles with a soft plastic, such as a "squeegee" or credit card.

## Maintenance

It is recommended that every four (4) weeks due to heat expansion and contraction, wire connections are tested in the power bases. **Terminate power to the system.** Remove the front base plate, and slide out the component drawers. Gently pull on wires at connections on ballasts, capacitors, terminal strips, relay and timer with "needle nose" pliers. Test and tighten any loose connection screws with a small screwdriver.

## Removing Acrylic Shield

**Terminate power to the system.** To remove the acrylic shield for cleaning or lamp and starter replacement, simply loosen and remove mounting screws with bushings. Then push strip in towards the center of the bed and remove. **If the unit has plastic hold down strips, grasp the inside edge of the plastic strip and carefully "peel" them off the mounting profile.** To remove the acrylic, press down towards the lamps until the front edge is exposed, then insert a screwdriver or similar object into the "slot" cut into the forward top edge of the end cap. Lift the corner of the shield with the screwdriver and slide it along the edge while prying the acrylic out by lifting the forward edge and simultaneously pushing down on the center of the acrylic shield. Carefully lift the acrylic shield off of the frame. To reinstall, make sure that the rear edge of the shield is up against the ridge on the rear mounting profile. Press down on the middle of the acrylic shield until it snaps into place against the ridge in the front mounting profile. Reinstall the hold down strips.

## Lamp Replacement

**Terminate power to the system.** Carefully remove the acrylic shield as described above. The lamps and starters are now exposed for replacement or cleaning. Before the removal of a lamp, please make the following observation of the lamp holders. The lampholders on the left side of the sunbed (as you stand in front of the sun system), have spring loaded telescopic sockets, and the lampholders on the right are stationary. Please note that on the sunroof, just the opposite is true. To remove a lamp, carefully hold the lamp with both hands, and press toward the spring loaded lampholder. When the spring loaded socket recedes and the tip on the opposite end of the lamp clears the stationary lampholder, pull up and remove.

When replacement of a facial lamp is necessary, it is recommended that the cassette be removed and forwarded to the manufacturer for proper lamp replacement. Before proceeding, please call **puretan International, Inc.** technical support for instructions and procedures. **Terminate power to the system.** Removal of the facial cassette requires access from the top of the sunroof unit. Carefully remove the cover panel and the four screws on the right end plate which secure the cassette. Carefully detach wire connections and forward cassette to **puretan International, Inc.** as instructed.

## Starter Replacement

The starters are located behind the row of stationary lampholders; to the far right side on the sunbed and to the far left on the sunroof. To remove a starter from its holder, carefully twist counter-clockwise until the "click" is felt and remove. To reinstall, insert the connectors into the largest opening on the holder, and twist clockwise until locked in place.

## Installing Remote Control

To install your **puretan** remote control timer to your **puretan** tanning system, proceed with the following steps.

**Terminate power to the system.** Remove the wire nut, which connects the black and red wires of the remote control "pigtail" together and separate the wires. Splice sixteen (16) gauge two conductor cable between the sun system and the remote control monitor.

**WARNING** - Incorrect connections will cause permanent damage to the internal components of the electrical system. This will not be the responsibility of **puretan**, or its vendors. The most common application is speaker wire. Attach the wires to the applicable terminals depending upon the remote monitor you are using. Be certain that your connections are tight, and that the correct wire colors are matched.



## Trouble Shooting

Sun system will not operate:

1. Is power cord connected to supply source?
2. Is remote control installed properly? If you are not using remote control monitors; are the black and red wires connected together with the blue wire nut on the remote control pigtail?
3. Is timer in the operational position?
4. Is circuit breaker "on"? Is there proper line voltage to the power cord?
5. Are cables connected to terminal strips "A" and "B" on component tray?
6. If "yes" to all of the above, call **puretan, inc.** technical support.

Lamp(s) not working: **Terminate power to the system**, and remove the acrylic shield and reflective end covers as previously discussed.

1. Remove unlit lamp(s) and replace with a lamp, which is lighting. Test by activating the system. If lamp lights, discard the defective lamp and replace with a new one. If not, go on to #2.
2. Remove starter for unlit lamp. Replace with a new starter, or a starter next to a lamp, which is lighting. Test by activating the system. If the lamp lights, discard the defective starter and replace it with a new one. If the lamp still will not light, go on to #3.
3. Check connections to lampholders and starter holders for loose wires by pulling on each connection where inserted. Also check for burned ends or physical damage.
4. **Terminate power to the system.** Remove the front base plate and slide the component tray forward until it clears the base. One at a time check corresponding ballast connections of non-lighting lamps by gently pulling on the wires where they insert into the plastic connectors. If any wires are loose, push into the connector and test. If there are three lamps in sequence not lighting, check the connections at the capacitors by pulling back the rubber boot and making sure all connectors are tight and secure. If no loose wires are detected, install a "jumper" wire between the two connections on the capacitor cap and retest. If the lamp lights, replace the capacitor. Make certain to connect the wires to exactly the same terminals. If the lamp still does not light, **remove the jumper wire** and go on to #5.

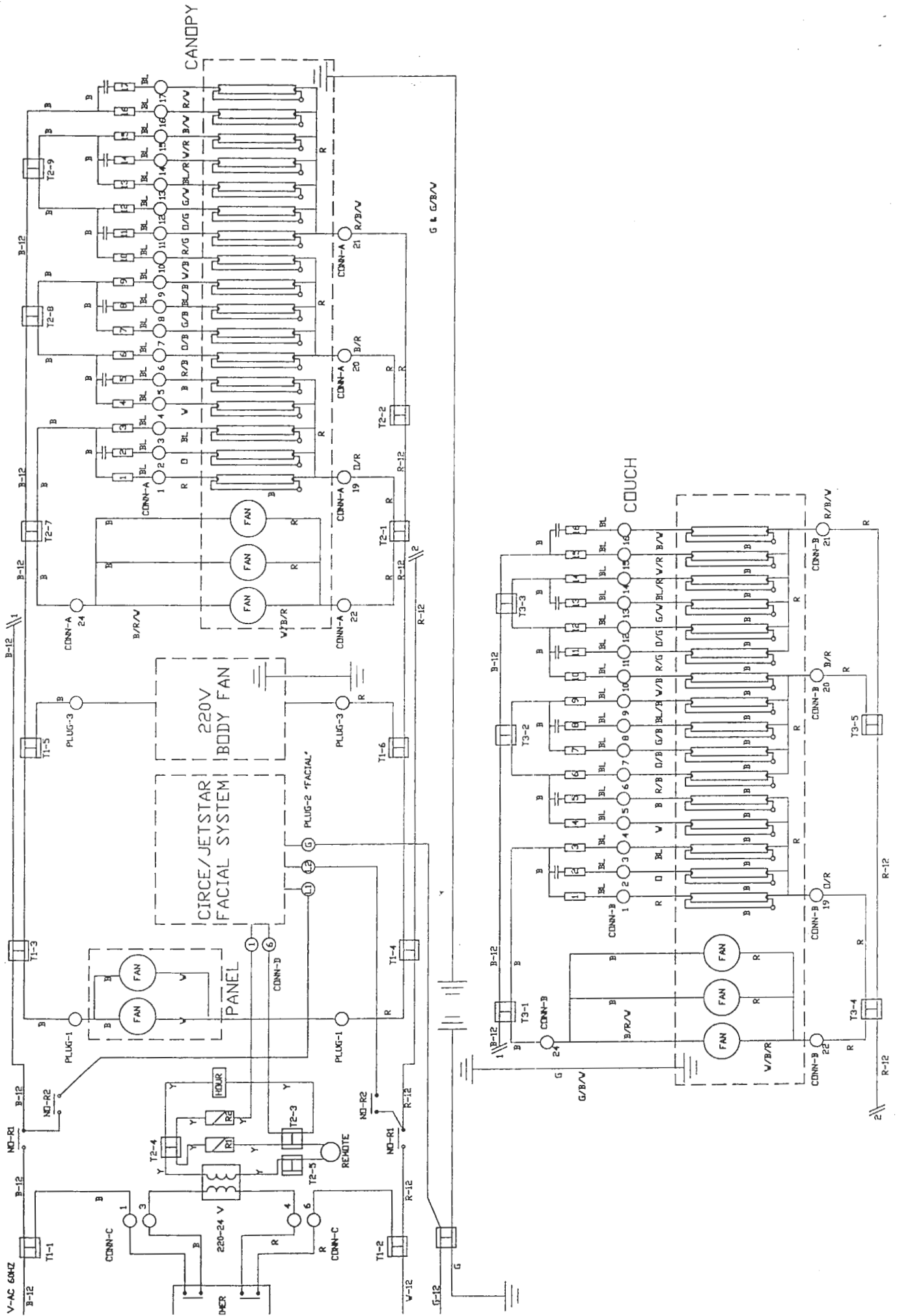
5. One at a time replace corresponding ballasts of non-lighting lamps. Start by inserting a small screwdriver in the slot directly above the wire, push down and simultaneously pull the wire out of the connector. Remove the two hold down screws at either end of the ballast and replace it. To reconnect the wires, gently push into the appropriate corresponding position in the ballast connector. Test the system. If lamp(s) still will no light, consult **puretan, Intl., Inc.** technical support.

Remote timer system will not terminate operation:

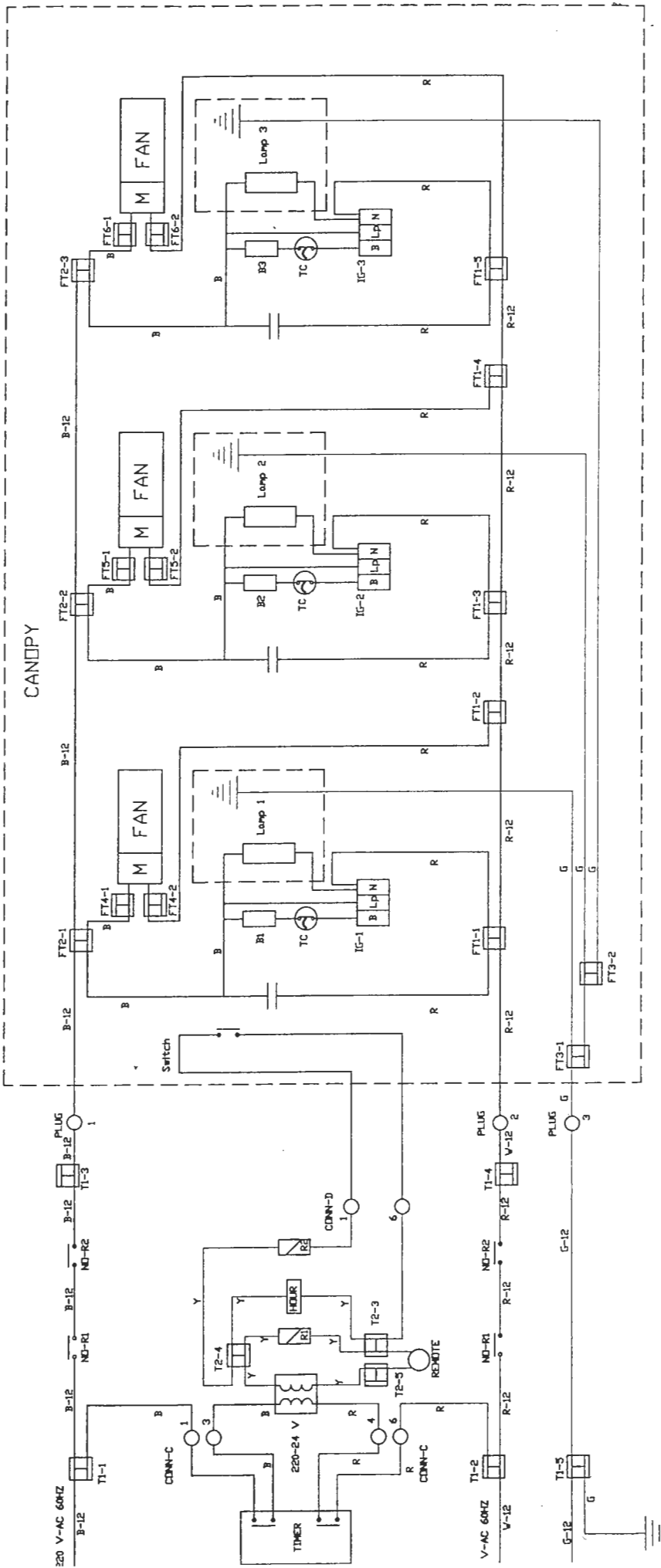
1. Remove the wire nut connector and separate the black and red wires on the remote control cable on the rear of the right power base. If the system discontinues operation, go to #2. If the system continues to operate, **terminate power to the system**. Remove front base plate, and slide the component tray forward until it clears the housing and replace the relay by first removing the retainer screws. Change connectors at each terminal separately and install directly to replacement relay's corresponding terminals. It is important to reconnect the connectors to exactly the same terminals. Re-install the relay and test. If sun systems still operates improperly, consult **puretan Intl., Inc.** technical support.

2. Locate timer and replace by first removing the plastic knob and two retaining screws. Pull the connectors from each terminal separately and install directly to replacement timer's corresponding terminals. It is important to reconnect the connectors to exactly the same terminals. Re-install the timer and test. If remote timer system still operates improperly, consult **puretan Intl., Inc.** technical support.

CIRCE/JETSTAR SYSTEM WITH FACIALS



CIRCE/JETSTAR  
FACIAL SYSTEM  
WITH CONTROL  
CIRCUIT





Dear Client or Potential Customer:

Our goal is to deliver superior products and service, while maintaining our reputation to provide customer satisfaction. Thus, we maintain warranty programs designed to ensure a quality experience.

**Three Year Limited Warranty:** puretan® limited warranty is provided, at no additional charge, on workmanship and defective parts. If replacement parts are required, they are charged on a "30-Day Exchange Program" and credited upon return of the defective part. Service items such as acrylics, lamps and starters are covered by a limited 30-day warranty. puretan® does not accept responsibility for shipping cost. Labor may be covered for a 60-day time period with authorization. A Purchase Order # must be issued for repairs up to \$150.00. If it is found that costs are estimated to exceed this amount, a second P.O. # must be issued by a puretan technician. This is the only acceptable way labor repairs can be paid for. Situations beyond our control, such as acts of nature and damages incurred during installation or shipping are not covered. To validate your warranty, it is necessary to fill out the warranty card that arrives with your system. Return it to puretan's corporate office within 10 days of receipt. Warranties are not transferrable without written consent from an authorized person of puretan®.

**Lifetime Rollerarm/Frame Warranty:** puretan® guarantees that its patented rollerarm lift mechanism and frame will be free from defects in workmanship and material for as long as you own your system. Any defective parts will be replaced free of charge. Gas pistons are warranted for six (6) months. \*puretan® does not accept responsibility for shipping cost or labor.

**Limited 30-Day Buyback Program:** puretan® provides a "satisfaction guaranteed" 30-day limited buy-back program on all puretan® models if all terms and installation criteria have been satisfied. Restocking and shipping are not covered.

**Shipping Mishaps:** Shipping damages do occur occasionally. We insist you note on all receiving Bill of Ladings "*no internal inspection made*" when signing the delivery receipt. If upon receipt of an item there appears to be excessive damage to a carton, you may refuse the shipment. If doing so, contact your sales representative or the management of puretan® and advise of your action. Upon verification with the original shipping company, a new parcel will be shipped to you. If you are receiving lamps, simply turn the carton upside down upon delivery and listen for breakage. If breakage is found, refuse the shipment. \*UPS try to not pay claims on damaged lamps. Therefore, they must be returned in the original cartons for claims to be mediated.

**Installation:** The operating voltage of your system must be no less than 218 and no higher than 236 volts to ensure its correct tanning capability and maintain warranty. **It is very important that you read and understand the installation manual prior to attempting assembly. Pay particular attention to the hardware with relation to the rollerarm installation.**

We are interested in your success, as well as your business growth. If there are any matters or questions that arise which we may assist you with, do not hesitate to contact us at our toll-free phone number.

Thank you from all the members of puretan® International Inc.

