

# MYSTIC TAN®



## EQUIPMENT MANUAL

### ORIGINAL SERIES (MTO-3000)

### TANNING BOOTH

# 2003 - 2005

# Mystic Tan, Inc. Equipment Manual

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# **SECTION 1**

# **EQUIPMENT**

## **Important Safeguards**

### **READ AND UNDERSTAND ALL INSTRUCTIONS BEFORE USING THIS PRODUCT**

When using electrical appliances, basic safety precautions must always be followed. Failure to follow all instructions listed below may result in fire, electric shock or other serious personal injury.

**DANGER** - To reduce risk of electrocution:

- To reduce risk of injury, only qualified electrical service personnel should open the electrical control panel.
- Always unplug the electrical cord from the wall socket before opening the control panel or working on or near any electrical component. There is a risk of electrocution if the control panel is opened while the unit is plugged in.

**WARNING** - To reduce risk of burns, electrocution, fire, or injury to persons:

- Close supervision is necessary when this product is used by, on, or near children or invalids.
- Use this product only as intended per the instructions in this manual. Do not use attachments or solutions not recommended by the manufacturer.
- Never operate this product if it has a damaged cord or plug, if it is not working properly, or if any part has been damaged.
- Keep the cord away from heated surfaces.
- Connect this product to a properly grounded outlet only. See **Grounding Instructions** below.
- Do not allow water to accumulate on the floor around the spray unit.
- Do not allow unauthorized persons to enter the mechanical/electrical room. Keep the door to the mechanical/electrical room closed and locked.
- Do not operate this unit with a person in the mechanical/electrical room unless person is a trained service personnel.
- Do not operate this unit with any protective guards removed. Moving mechanical parts may cause injury.
- Do not allow children access to the mechanical/electrical room.

## **Save These Instructions**

**GROUNDING INSTRUCTIONS** – This product should be grounded. In the event of an electrical short circuit, grounding reduces the risk of electrical shock by providing an escape wire for the electrical current. This product is equipped with a cord having a grounding wire with a grounding plug. The plug must be plugged into an outlet that is properly installed and grounded.

**DANGER** - Improper use of the grounding plug can result in a risk of electrical shock.

If repair or replacement of the cord is necessary, do not connect the grounding wire to either flat blade terminal. The wire with insulation having an outer surface that is green, with or without yellow stripes, is the grounding wire.

Check with a qualified electrician or serviceperson if the grounding instructions are not completely understood, or if in doubt as to whether the product is properly grounded.

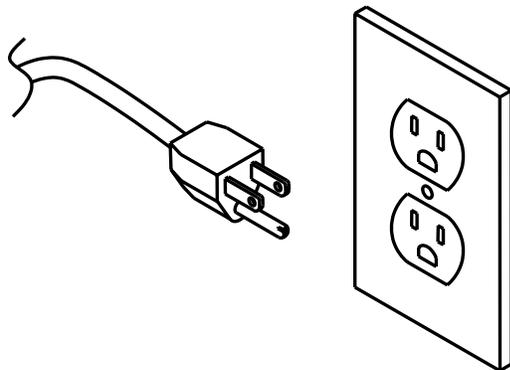
Continued...

**Important Safeguards (continued):**

This product is for use on a nominal 120V circuit, and has a grounding plug as illustrated below (Image A). Make sure the plug is only used with a properly grounded outlet (Image B). Do not modify the plug provided or use an adapter. If the plug will not fit the outlet, have the proper outlet installed by a qualified electrician.

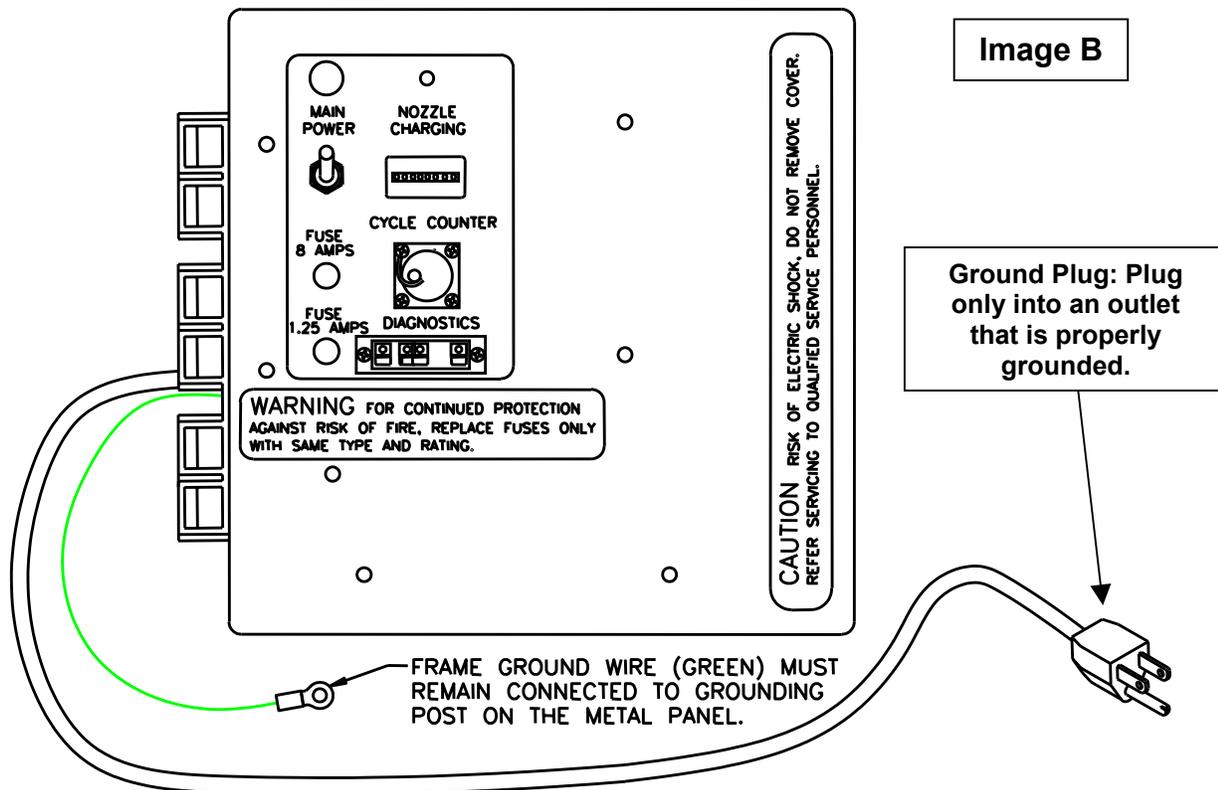
If it is necessary to use an extension cord, use only a three-wire extension cord that has a three blade grounding plug (Image A) and a three slot receptacle end that will accept the plug on the product.

Damaged cords may cause electrocution or fire. Replace damaged cords immediately.



**Image A**

A three-prong cord and matching outlet with a properly installed ground connection must be used with this product (Image A). In addition, the green wire from the control box (Image B) must remain grounded to the frame at all times.

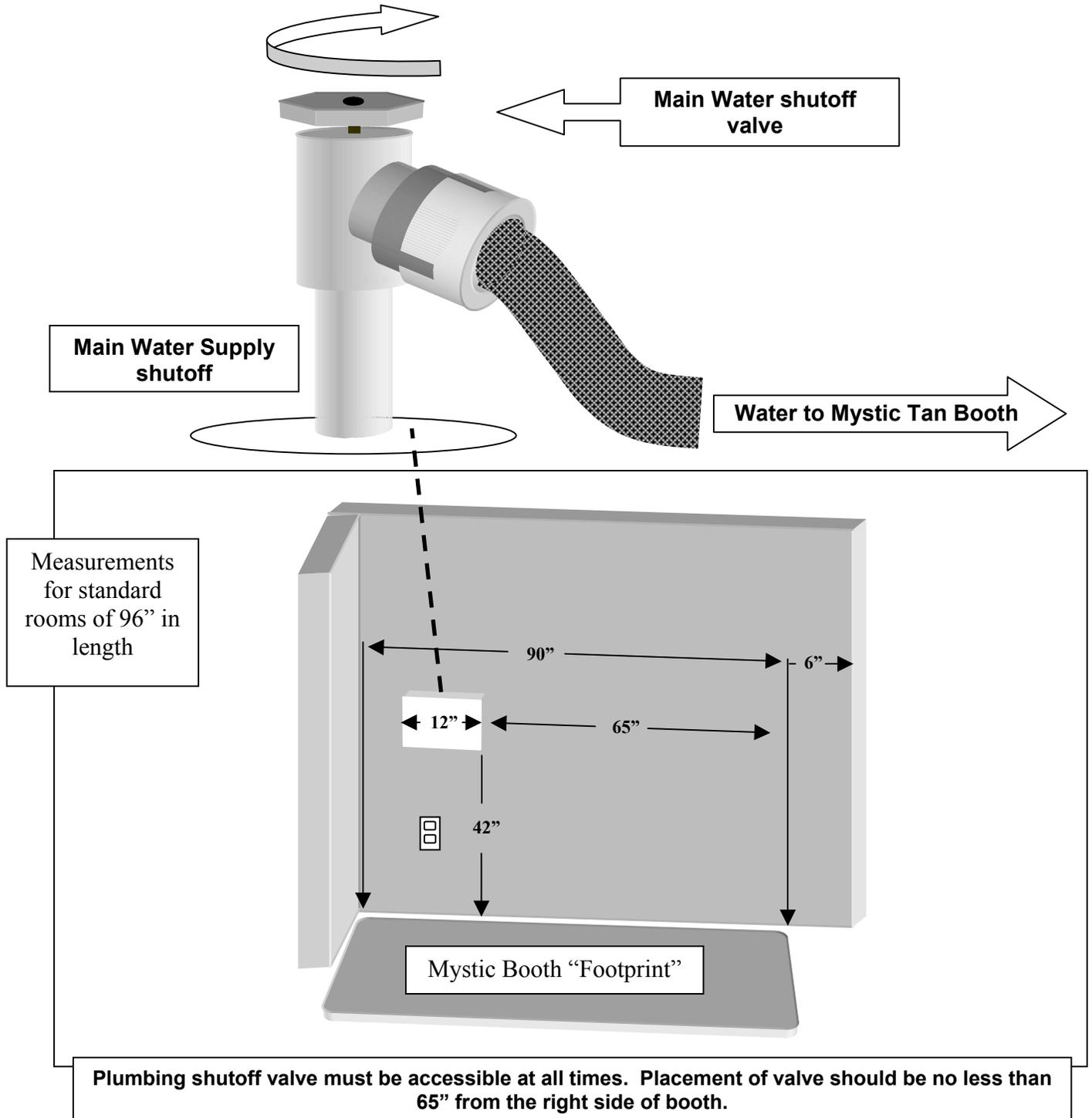


**Important Safeguards (continued):**

**READ AND UNDERSTAND ALL INSTRUCTIONS BEFORE USING THIS PRODUCT**

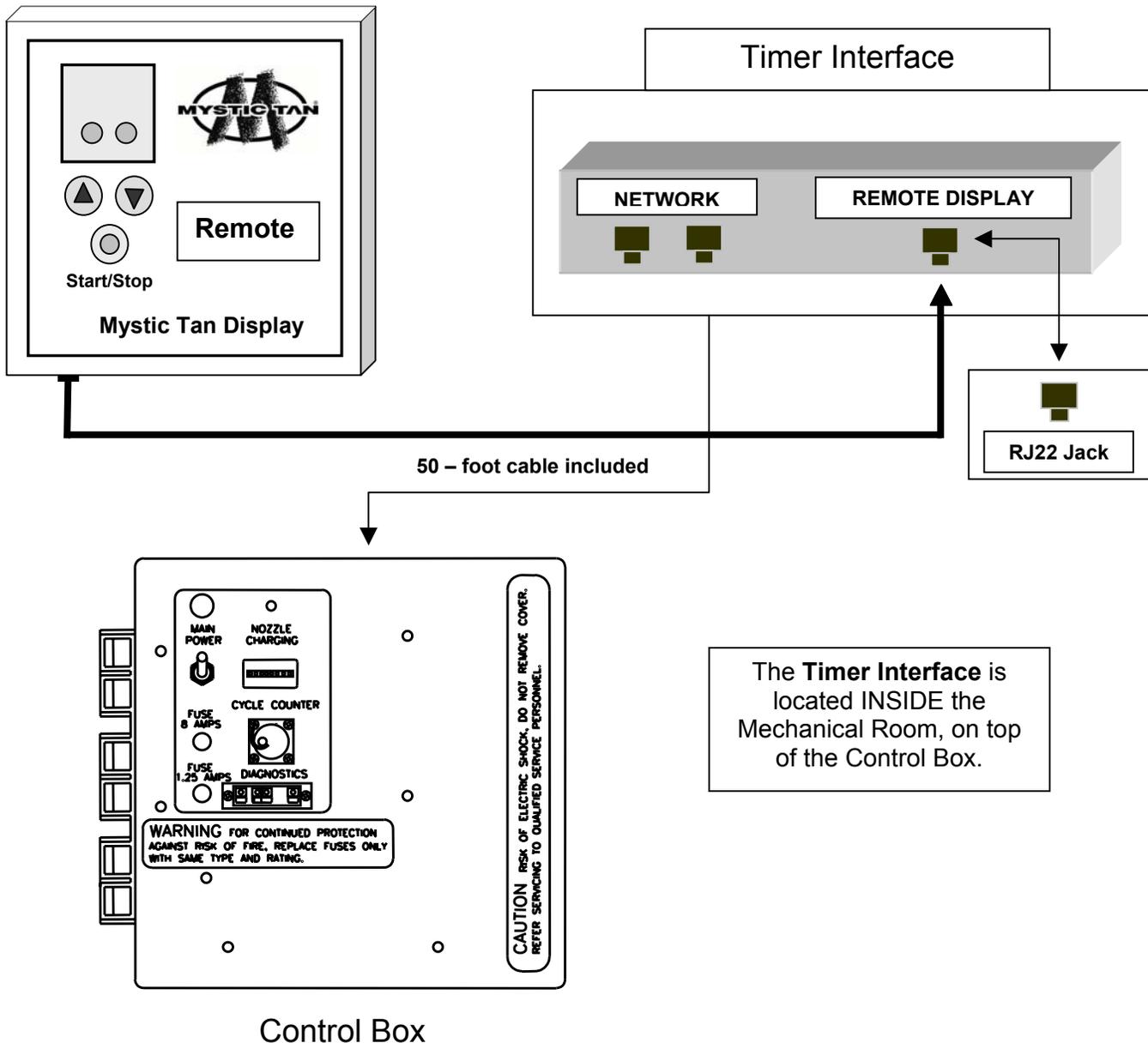
**Important - The water supply to your booth must be turned off at the end of each day!**

The shutoff valve should be easily accessible and located at the end of your in-room water source. Using the shutoff valve located in the Mystic Tan booth will not protect the salon from water damage caused by a failed connecting hose. Mystic Tan is not responsible for the integrity of supply line hoses. To maintain compliance with city codes, please consult with your plumbing contractor.



# Remote Display Installation

A Remote Display is included with your Mystic Tan booth.

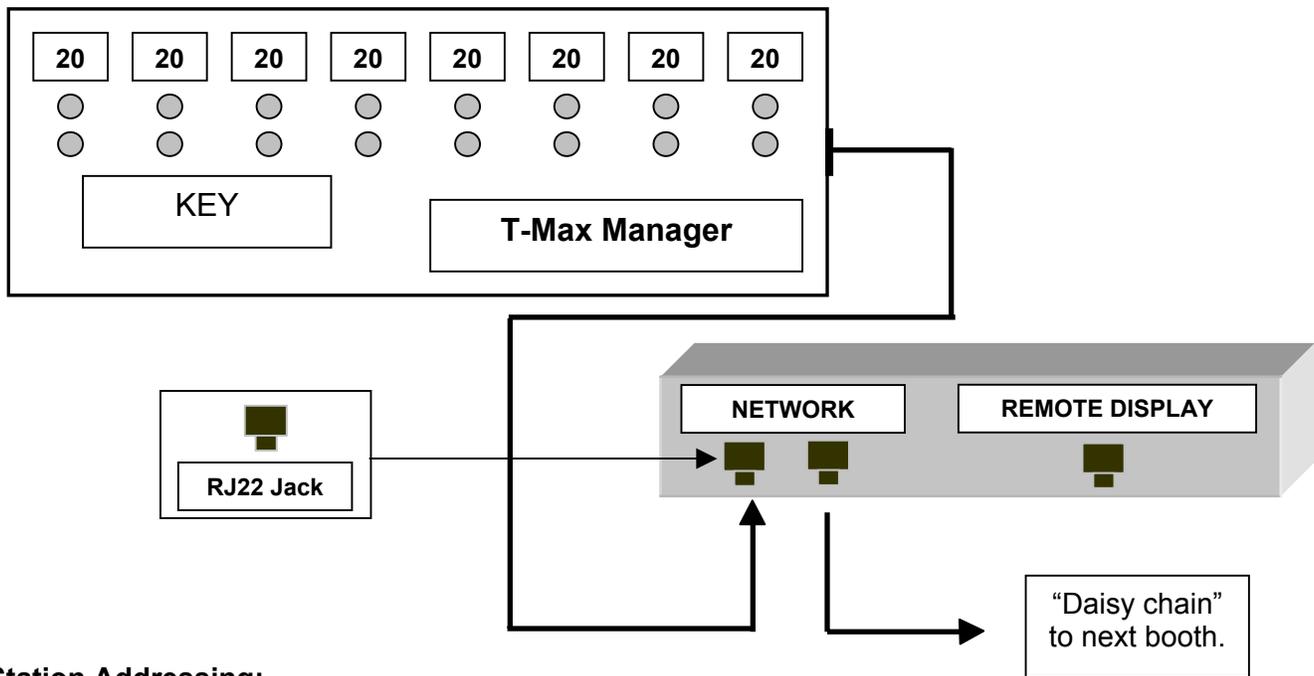


## Remote Display and Installation Instructions:

1. Before connecting the Remote Display - turn off the main power to the Mystic Tan booth.
2. Plug the Remote Display cable into the single RJ22 jack located on the Timer Interface box, located inside the Rooftop Control Box (see installation above).
3. Turn main power back on.
4. The Remote Display box will power up and read (0).
5. Now the booth is ready for use (Refer to: Operating your Mystic Tan booth with Remote Display).

## T-Max Manager Network Installation

The Mystic Tan Timer Interface is compatible with T-Max or Intellitan Manager, giving you the ability to activate your Mystic Tan booth through your current timer network.



### Station Addressing:

The station address identifies where your equipment (Mystic Tan booth) is located in your salon. Before following the station addressing instructions, disconnect all other cables to the Timer Interface box. (If using an Intellitan Manager you must first order a program chip from Mystic Tan technical support.)

1. Before connecting the Remote Display - turn off the main power to the Mystic Tan booth.
2. Plug the Remote Display cable into the single RJ22 jack located on the Timer Interface box (Refer to: Remote Display Installation).
3. Turn the main power to Mystic Tan booth back on (the Remote Display box will power up and read (0)).
4. Using the Remote Display box press the **Up-Arrow & Start / Stop button** at the same time (.1) will appear.
5. Press the **Start/Stop button** once until the (.1) begins flashing.
6. While the (.1) is flashing scroll up until you get to the room address you desire then press the **Start/Stop button** once more to lock in the new address, the display will read a solid (.1).  
*\*(Make sure that the dot is solid not flashing for rooms under 100 )*
7. Press and hold the Up & Down-Arrow at the same time until it reads (0)
8. Turn the Main Power off to Mystic Tan booth.
9. Disconnect the Remote Display from the Mystic Tan Timer Interface.
10. Connect your daisy chain or backbone cable(s) into one or both of the double RJ22 jacks.
11. Turn the main power on to Mystic Tan booth.
12. Rescan your T-Max or Intellitan Manager to recognize your Mystic Tan booth.
13. Now the booth is ready for use (Refer to: Operating your Mystic Tan booth with T-Max Manager).

**\*Mystic Tan Inc. and their installers provide technical support for the Remote Display application only.  
Contact your Network Timer representative for T-Max or Intellitan Manager network support.**

# Viewing your Session Counter with the Remote Display

The Session Counter keeps a running total for each time the booth is activated.

## Viewing and modifying the Session Counter:

1. **If using a Network to operate your booth**, you will need to turn off the main power to the Mystic Tan booth and disconnect the Network cables from your Timer Interface Box. Plug the Remote Display cable into the single RJ22 jack located on the Timer Interface box (Refer to: Remote Display Installation). Turn the main power to the Mystic Tan booth back on (the Remote Display box will power up and read (0)).
2. **Using the Remote Display**, press the **Start/Stop button** and **UP Arrow** simultaneously until the (.1) appears on the display.
3. Press the **Up arrow** until it reads (.5) on the display.
4. Press and release the **Start/Stop button**.

Now a solid decimal point will appear on your display. This will be followed by a sequence of flashing numbers followed by a pause. The first two numbers are the thousands and hundreds digits (Image A). The second sequence of numbers are the tens and one digits (Image B).

Example:

<b>Flashing</b>	<b>Flashing</b>	=	<b>3847 Total Tans</b>
			
Three thousand eight hundred (3800)	Forty-Seven (47)		

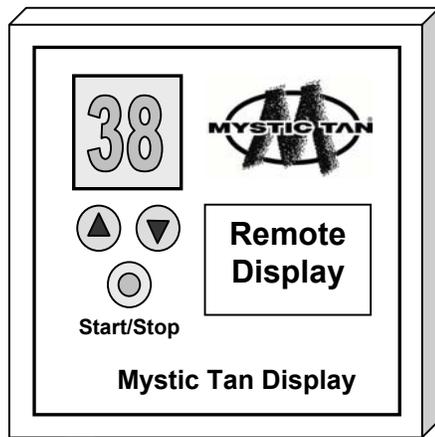


Image A

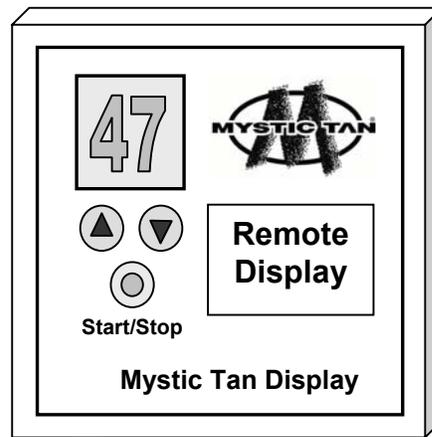


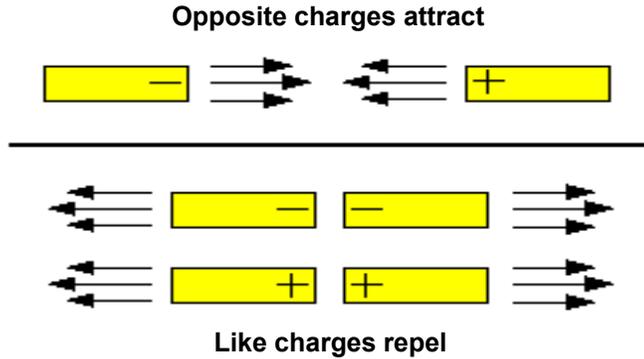
Image B

5. To reset the session counter back to zero, press the **Up and Down-Arrow** simultaneously until two flashing zeros (0.0) appear.
6. To modify the session counter, press and hold the **Up or Down-Arrow** until the desired session count is flashing. (Session counts are generally changed when replacing the timer interface).
7. Press and release the **Start/Stop button**. A solid five (.5) will appear on the display.
8. To exit hold the **UP and Down Arrows** simultaneously until the display reads zero (0).
9. **If using a Network to operate your booth**, you will need to turn off the main power to the Mystic Tan booth and disconnect the Remote Display cable from the Timer Interface box. Reconnect the network cables to your Timer Interface Box and turn the main power to the Mystic Tan booth back on.

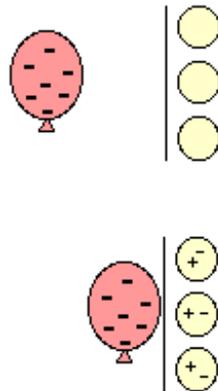
# MagneTan Technology

MagneTan™ is our patented process that uses the body's natural magnetic properties to attract Mystic Tan Tanning Myst to every exposed surface of the skin. When our exclusive Mystic Tan Tanning Myst passes through the spray nozzles in a Mystic Tan booth, the micro-myst particles are polarized, taking on the characteristics of "tiny magnets." These particles are attracted evenly to the skin to create a smooth, natural-looking tan.

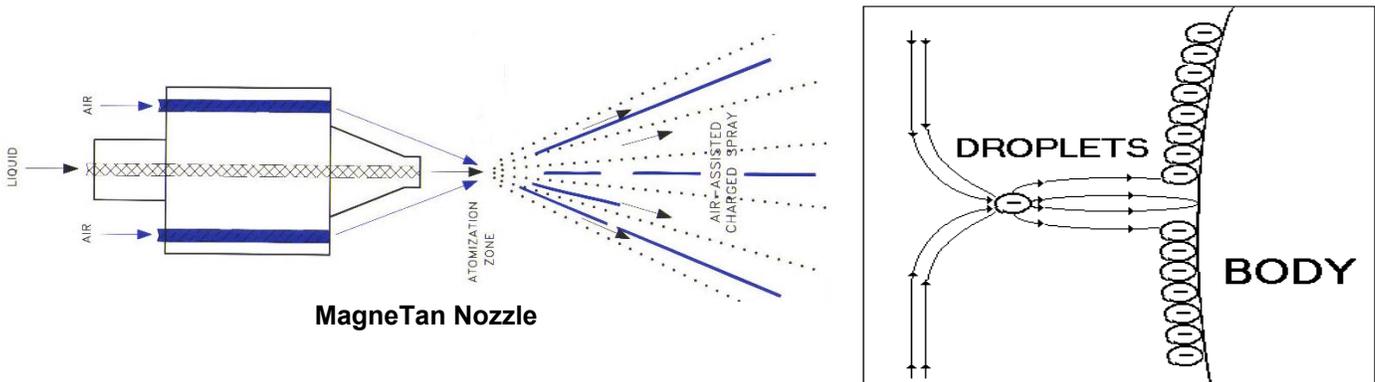
## Basic magnetic and electromagnetic theory:



**For Example: Rubbing a balloon with a cloth:** Rubbing a balloon with a cloth will build up excess electrons on the balloon. The balloon will then be attracted to the wall.



This basic principle is the foundation for MagneTan technology. Like a balloon induced with excess electrons, the MagneTan nozzle induces excess electrons to the surface of the tanning myst droplets, which are then attracted to the body... like the balloon to the wall.



## Multiple Tanning Levels

The Mystic Tan booth is equipped with multiple tanning levels. Each level utilizes a specific mixture of *time, volume, and spray patterns*, allowing the salon owner to offer customized tanning to each individual's needs.

### **Level 1:**

11

Tanning Duration: 24 seconds (Front) 12 seconds, (Back) 12 seconds.

Customer experience: Beginner

Skin Type: Light

Tanning color: Light to medium.

### **Level 2:**

12

Tanning Duration: 28 seconds (Front) 15 seconds, (Back) 12 seconds.

Customer experience: Beginner/Experienced

Skin Type: Medium/Dark

Tanning color: Medium/Dark

### **Level 3:**

13

Tanning Duration: 36 seconds (Front) 18 seconds, (Back) 18 seconds.

Customer experience: Experienced/Advanced

Skin Type: Medium/Dark

Tanning color: Dark/Very Dark

Due to different skin types, body shapes and desired color, multiple tanning levels are offered.

### **Multi-Myst:**

This feature allows you the option of offering two different types of tanning myst (with or without bronzer). The tanning level is controlled at the point of sale by utilizing specific codes or if you are using POS software, convert codes to minutes. The customer makes the bronzing selection in the tanning booth just before starting their session. Refer to Level information (above) to make the appropriate selection.

### **Multi-Myst Bronzer Selection Switch**

	<u>"Yes"</u>	<u>"No"</u>
11 = Level 1 / BronzMyst™ or ClearMyst™		
12 = Level 2 / BronzMyst™ or ClearMyst™		
13 = Level 3 / BronzMyst™ or ClearMyst™		

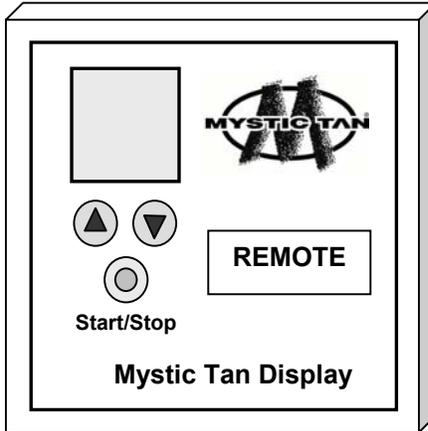


# Operating your Mystic Tan booth with Remote Display

The Mystic Tan booth has three (3) different levels of gradient tans:

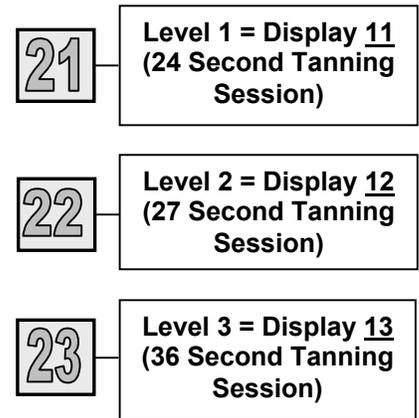
## Standard Levels

### Tanning Myst (BronzMyst™)

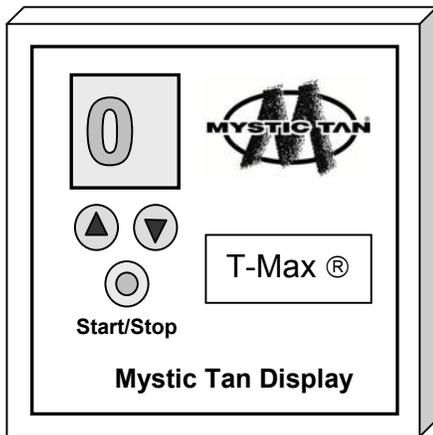


## Multi-Myst Levels

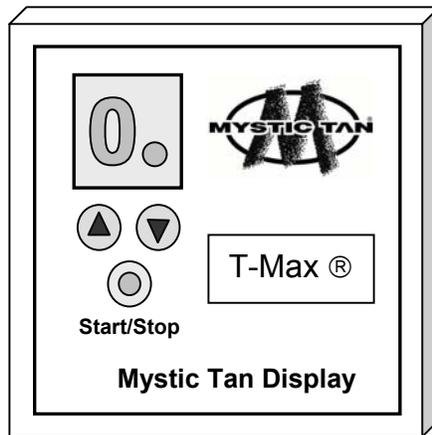
### Tanning Myst (ClearMyst™)



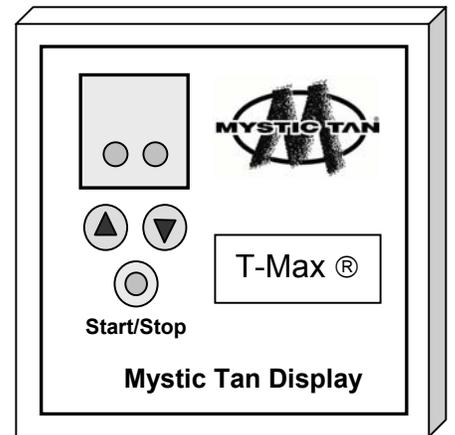
## Three Faces of the Mystic Tan Remote Display:



(0) = Ready Status



(0.) = In-Use Status  
(Flashing decimal point)



(..) = Dirty Bed Status

The Remote display has only three (3) "status modes"

## **Operating your Mystic Tan booth with Remote Display (continued):**

### **Enabling the Mystic Tan booth:**

To enable the Mystic Tan booth for customer usage, the Remote Display must be in “Ready Status” (solid zero {0}). Scroll “up” using the left arrow key to the desired level. You will have three level choices; Level 1, 2, and 3 (Refer to: Multiple Tanning Levels).

After choosing the desired level, press the “Start/Stop” button. Your Remote Display will show a Solid Zero (0.) with a flashing decimal point in the lower right corner indicating “In-use Status”.

### **Canceling Session:**

If the customer changes his/her mind on the desired level and the booth has not been started the only way to “cancel” is either to turn the main power to the Mystic booth off, or if using POS/Salon Software, sending time of one-minute will also re-set the booth and return the booth to Ready Mode.

### **Customer Enters the Booth:**

Once the customer enters the booth and is ready to start their tanning session, they will need to push the green start button located inside the Mystic Tan booth. Once the green button has been pressed, they will have 5-seconds to step back onto the MagneTan plate and assume the proper tanning stance.

The spraying will stop once the front application is completed. The customer will have 10-seconds in between the front & back application. After the back application is completed the spraying will stop and the customer will exit the booth.

### **Exhaust Fan:**

The exhaust fan will activate for 10-seconds between the front and back application. Once the session is complete, the exhaust fan will run again for 60-seconds.

### **Dirty Bed Status:**

Now the Dirty Bed Status is indicated by two solid decimal points on the Remote Display (..).

### **Using the Automated Cleaning Cycle:**

An employee will need to physically enter the room and manually press the “Clean/Reset” button located on the mechanical wall. Once the employee presses the “Clean/Reset” button, the cleaning cycle will begin and run for one-minute.

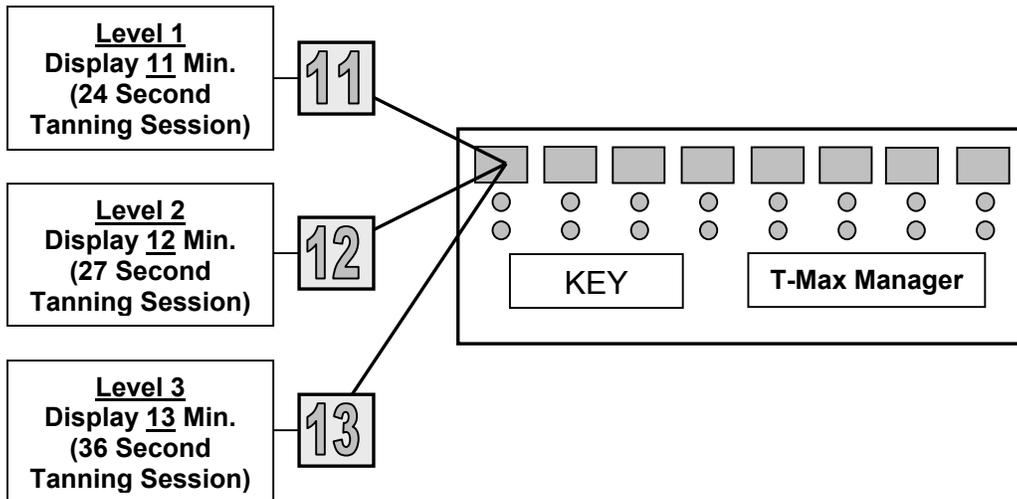
### **Re-setting the booth:**

The Timer Display will remain in “Dirty Bed Status” (two decimal points {..}) until the “Clean/Reset” procedures have been completed. The Remote Display will return to “Ready Status” with a solid zero (0) enabling use for your next customer.

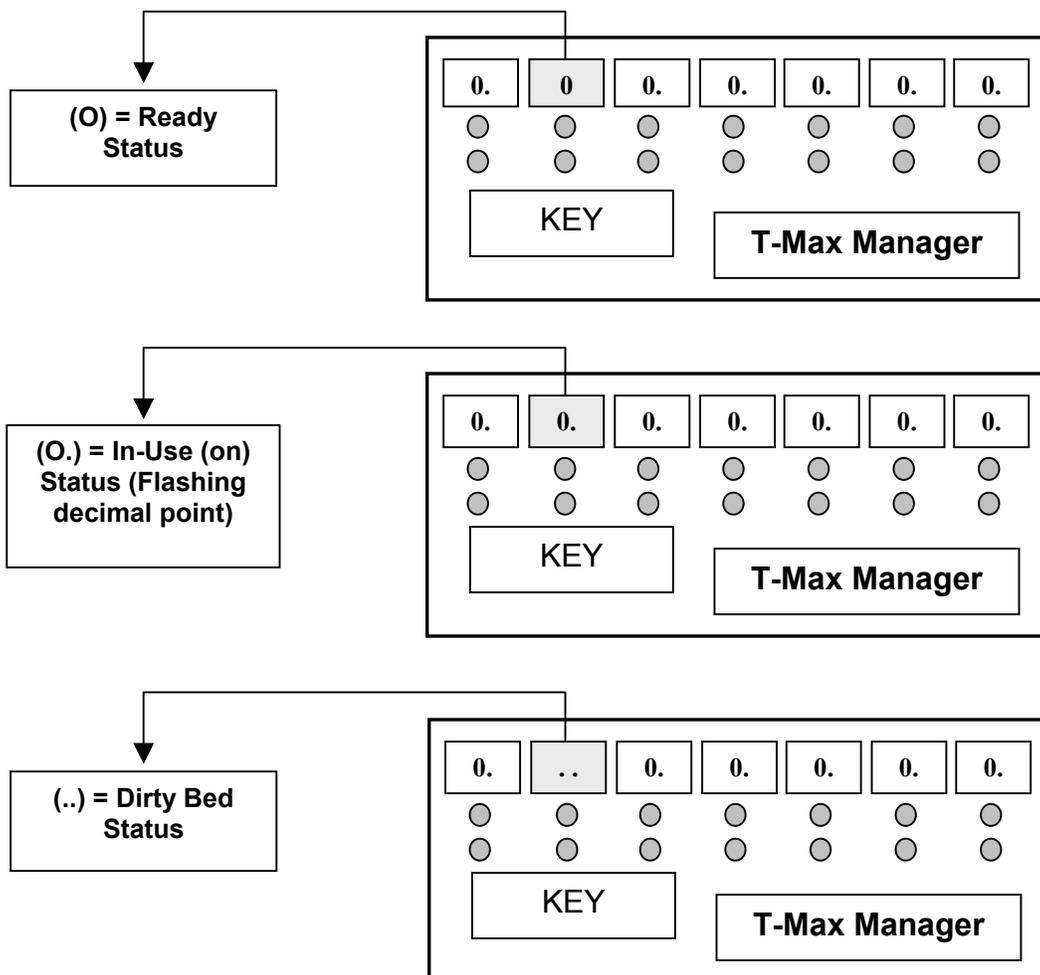
**Note:** If at anytime an additional cleaning cycle is needed, please repeat the “Automated Wash Down” instructions.

# Operating your Mystic Tan booth with T-Max Manager

The Mystic Tan booth has three (3) different levels of gradient tans:



## The T- Max Manager has three Status Modes:



## **Operating your Mystic Tan booth with T-Max Manager (continued):**

### **Enabling the Mystic Tan booth:**

To enable the Mystic Tan booth for customer usage, the T-Max Manager display must be in “Ready Status” (solid zero {0}). You will have three level choices; Level 1, 2, and 3 (Refer to: Multiple Tanning Levels).

After sending the desired “level” information to the booth, your T-Max Manager will show a Solid Zero (0.) with a flashing decimal point in the lower right corner indicating “In-use Status”.

### **Canceling Session:**

If the customer changes his/her mind on the desired level and the booth has not been started the only way to “cancel” is either to turn the main power to the Mystic booth off, or if using POS/Salon Software, sending time of one-minute will also re-set the booth and return the booth to Ready Mode.

### **Customer Enters the Booth:**

Once the customer enters the booth and is ready to start their tanning session, they will need to push the green start button located inside the Mystic Tan booth. Once the green button has been pressed, they will have 5-seconds to step back onto the MagneTan plate and assume the proper tanning stance.

The spraying will stop once the front application is completed. The customer will have 10-seconds in between the front & back application. After the back application is completed the spraying will stop and the customer will exit the booth.

### **Exhaust Fan:**

The exhaust fan will activate for 10-seconds between the front and back application. Once the session is complete, the exhaust fan will run again for 60-seconds.

### **Dirty Bed Status:**

Now the Dirty Bed Status is indicated by two solid decimal points on the T-Max Manager (..).

### **Using the Automated Cleaning Cycle:**

An employee will need to physically enter the room and manually press the “Clean/Reset” button located on the mechanical wall. Once the employee presses the “Clean/Reset” button, the cleaning cycle will begin and run for one-minute.

### **Re-setting the booth:**

The T-Max Manager will remain in “Dirty Bed Status” (two decimal points {..}) until the “Clean/Reset” procedures have been completed. The T-Max Manager will return to “Ready Status” with a solid zero (0) enabling use for your next customer.

**Note:** If at anytime an additional cleaning cycle is needed, please repeat the “Automated Wash Down” instructions.

# Operating your Mystic Tan booth manually

## Manual Mode:

Manual Mode aka “Hot Mode” allows employee to operate the Mystic Tan Tanning booth without use of the Remote Display or the T-Max Manager timer systems. This mode is often used by technicians to troubleshoot as well as by salon managers to manually circumvent inoperative equipment (i.e. timer networks or computer systems).

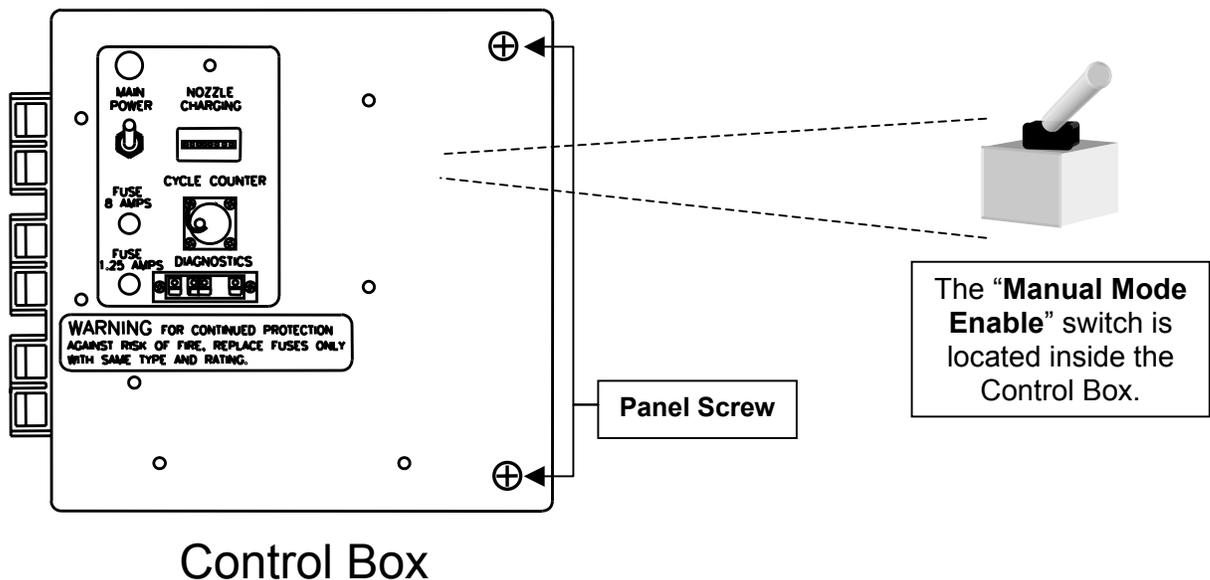
## Enabling Manual Mode:

1. Open door to mechanical room.
2. Turn-off main power located on the Control Box.
3. Remove the two panel screws that hold the control box door shut, and open the door.
4. Locate silver toggle switch inside Control Box and flip to “On”.
5. Once completed, close control box door and tighten screws.
6. Turn main power back on.

Once main power has been turned back on, the **Green start button** will not illuminate, but will be active. From this point the Mystic Tan Tanning Booth will respond as if you had sent a level 2 tanning session.

## Returning to Enable Mode:

Once the booth has gone through the automated cleaning cycle the Mystic Tan Tanning Booth will return to “Enable Mode” permitting use for your next customer **at level 2 only**.





## **SECTION 2**

# **EQUIPMENT MAINTENANCE**

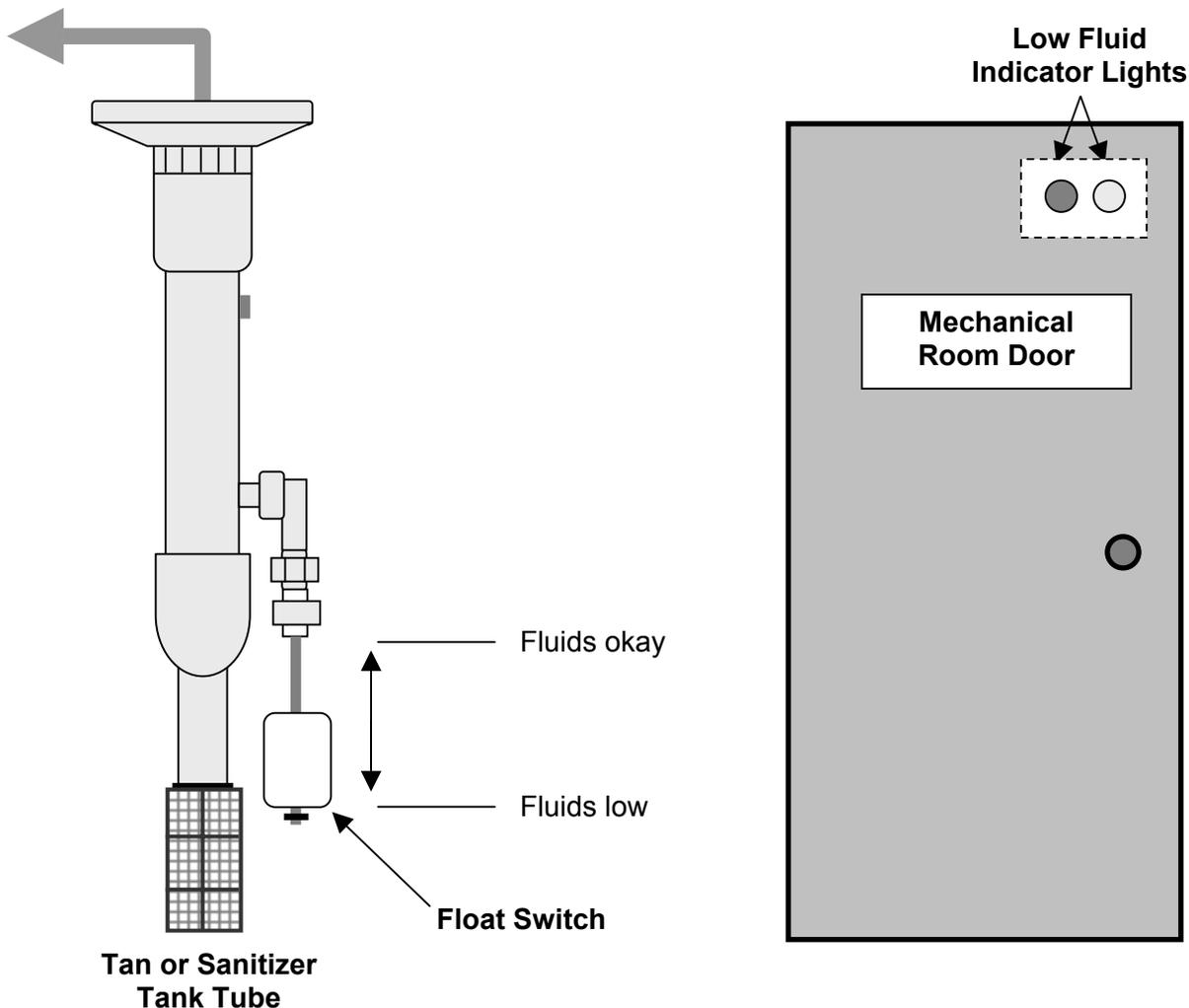
# Periodic Maintenance

## Low fluids

An illuminated **Red** or **Green** light on the Mechanical Room door indicates which fluids are low (Tanning Myst or Sanitizer). **Red** means Sanitizer low and **Green** means Tanning Myst low. This is indicated by the movement of the float switch (up and down), see illustration below.

- **Tan Tank** - Unscrew the cap from the Tanning Myst drum and remove the Tan Tank tube. Change the drum and replace tube. Pour any excess Tanning Myst that is left into the new drum before replacing tube.
- **Sanitizer Tank** - Unscrew the cap from the Sanitizer Tank and remove the Sanitizer Tank tube. Add a mixture of water and bed sanitizer as directed.  
**Note: To achieve 200-ppm concentration, add 2 ounces of bed sanitizer (i.e. Sun Quest, Lucasol™) to each gallon of water.**

**Note:** To prevent damage to the Tan or Sanitizer Tank tube, do not use a barrel wrench to tighten the cap. Tighten securely by hand only.



# Periodic Maintenance

## Air Solenoid Regulator

There are two different air pressure readings to monitor - **Running Pressure** and **Sitting Pressure**.

**Running Pressure:** The **Running Pressure** is manually set during the tanning session. The tanning booths Running Air Pressure should not exceed (52 PSI) due to variable tanning results or drop below (48 PSI) which would automatically disable the booth.

The **Air Solenoid Regulator** is located in the mechanical room, mounted in the upper left hand corner of the Mechanical Spray Wall.

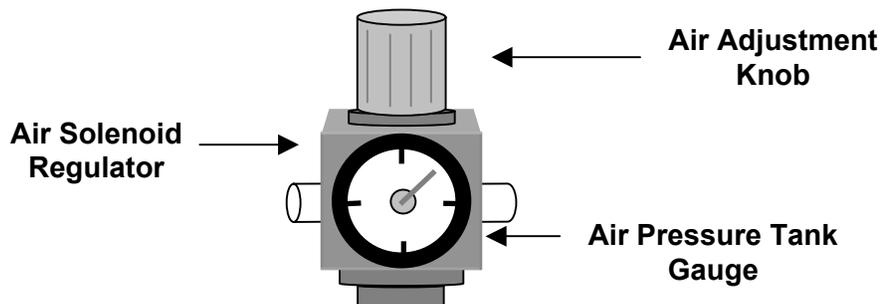
### To set pressure:

1. Make sure your Air Compressor Tank Gauge is reading between 115-120 psi and the air supply hose is open to full capacity.
2. Open mechanical wall.
3. Locate Air Solenoid Regulator mounted on the backside of the mechanical wall.
4. Unlock Air Solenoid Regulator by pulling the adjustment knob outwards.
5. Activate a tanning session.
6. During the tanning session, adjust Air Pressure Setting by turning adjustment knob (clockwise or counter clockwise).
7. Once the appropriate setting is reached, lock air adjustment knob back in place by pushing knob inwards.

**Running Pressure:** (48 - 52 PSI)

**Sitting Pressure:** The **Sitting Pressure** is a result of setting the **Running Pressure**. It usually runs 8 to 10 PSI more than the **Running Pressure** depending on the distance from the compressor to the booth).

**Sitting Pressure:** 58 - 62 PSI



**Note:** If **Sitting Pressure** drops below 46 PSI, the unit will not activate a tanning session.

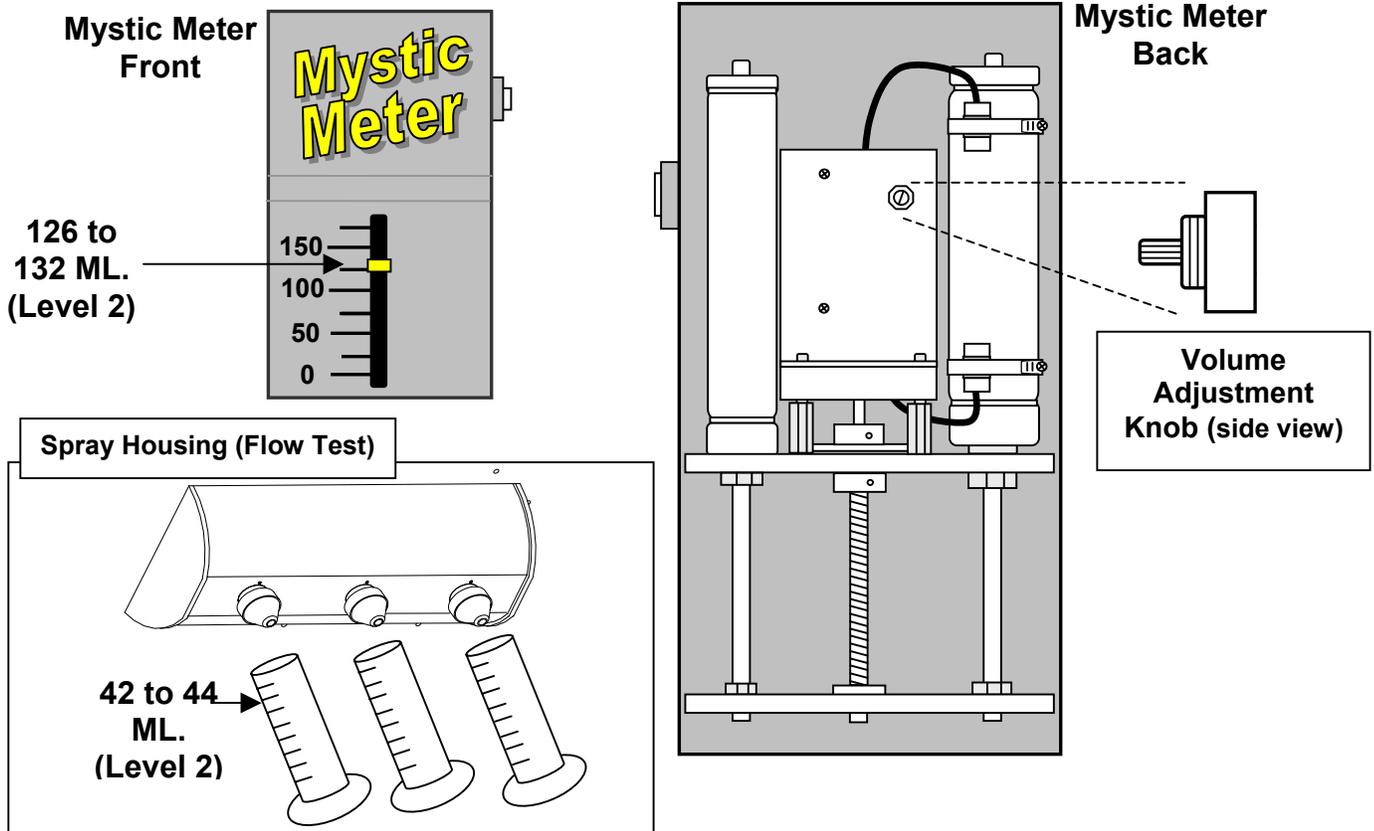
# Periodic Maintenance

## Meter Calibration:

The Mystic Meter is designed to dispense a calculated amount of tanning myst based on each tanning level (1, 2 and 3). To maintain the correct spray volume level, the Mystic Meter must be periodically checked and calibrated if needed. It could take several attempts to complete this process.

The Mystic Meter is mounted behind the mechanical wall. To check calibration, you will need to follow these steps:

1. Open mechanical wall.
2. Locate Air Solenoid Regulator and disconnect the power cable (Refer to: Air Solenoid Regulator). This will eliminate air blowing through the Nozzle Cones during the calibration process.
3. Locate the Spray Housing Motor and disconnect it's power cable. This will eliminate the Spray Housing from rotating up and down.
4. By hand, rotate the Spray Housing to face downwards.
5. Set the Mystic Tan booth for a Level 2 tanning session. Calibrating Level 2 will automatically update levels 1 and 3.
6. Using three measuring cups (that measure in milliliters), hold the cups under all three spray nozzles and start the tanning session (level 2) this may take two people. If only using one measuring cup you will need to run three consecutive tanning sessions (one for each nozzle).
7. After session add all three cups together to get the total volume (**Target range 126 to 132 ml.**)
8. To adjust spray volume, remove the Mystic Meter from the Mechanical Wall (being careful not to disconnect any wiring or hoses). With its backside facing you, locate the volume adjustment knob as seen below. To adjust spray volume, turn the adjustment knob counter clockwise to **decrease**, or turn clockwise to **increase**. Make only a 1/8<sup>th</sup> of a turn or less per adjustment.
9. Place the meter back on the wall and repeat steps 5 thru 8 until the proper level is reached.



# **Daily Cleaning**

## **Cleaning the Mystic Tan Tanning Booth:**

At the end of each day, to protect against harsh odors, harmful bacteria and viruses, strictly adhere to the following procedures.

### **(Interior)**

#### **Floor Grates and Floor Pan:**

With the water hose provided in the mechanical room completely rinse-off floor grates and tub allowing the pump to remove the days debris. This will eliminate the build-up that causes odors and potential problems with the drain pump and float sensors.

#### **Customer Door, Walls, Ceiling and Spray Housing:**

Using the water hose, completely rinse-off the interior walls, door, ceiling and spray housing. This will remove all excess tanning myst that may have been missed during the automated cleaning cycle. Then disinfect the booths interior using a tanning bed sanitizer with a soft cloth.

After cleaning the interior, leave the door open overnight. This will help dry the booth and keep your booth smelling fresh.

### **(Exterior)**

#### **Roof:**

Since the roof is acrylic, use a tanning bed sanitizer with a soft non-abrasive cloth to safely remove fingerprints and smudges from the acrylic ceiling.

#### **Walls and Customer Door:**

Using tanning bed sanitizer with a soft cloth will safely remove fingerprints and smudges.

**Note:** The Mystic Tan Manufacturer's Warranty does not cover damage caused by the use of harsh and abrasive cleaners.

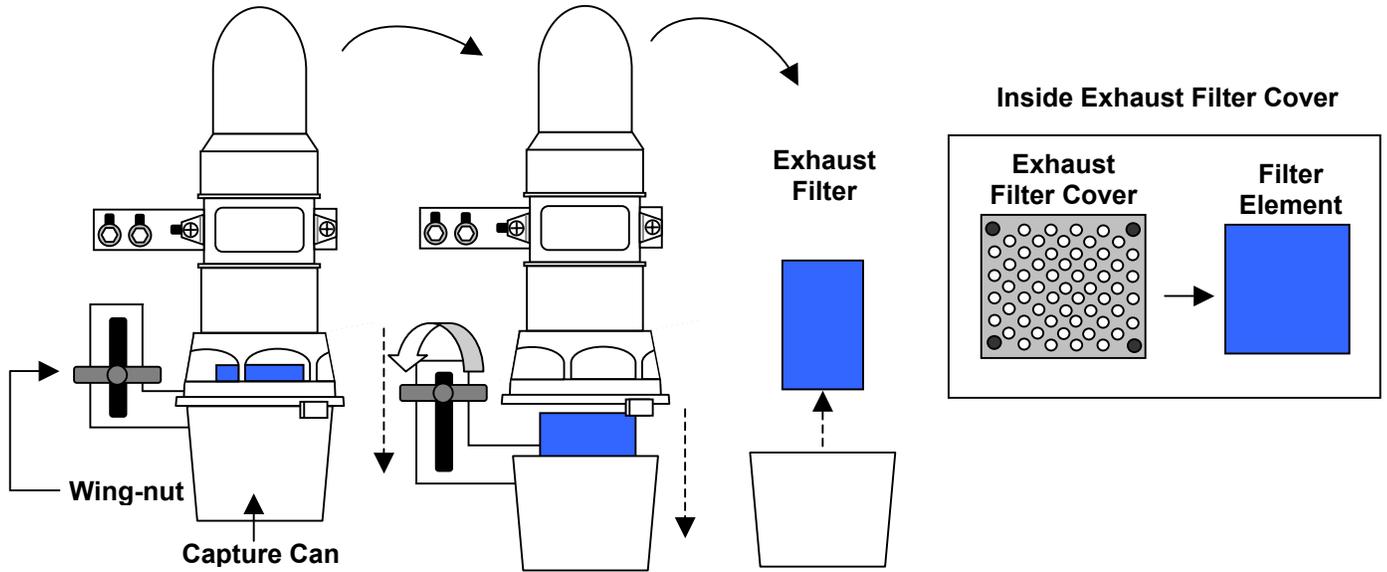
### **Important - The water supply to your booth must be turned off at the end of each day!**

The shutoff value should be easily accessible and located at the end of your in-room water source. Using the shutoff valve located in the Mystic Tan booth will not protect the salon from water damage caused by a failed connecting hose. Mystic Tan is in not responsible for the integrity of supply line hoses. To maintain compliance with city codes, please consult with your plumbing contractor.

# Weekly Cleaning

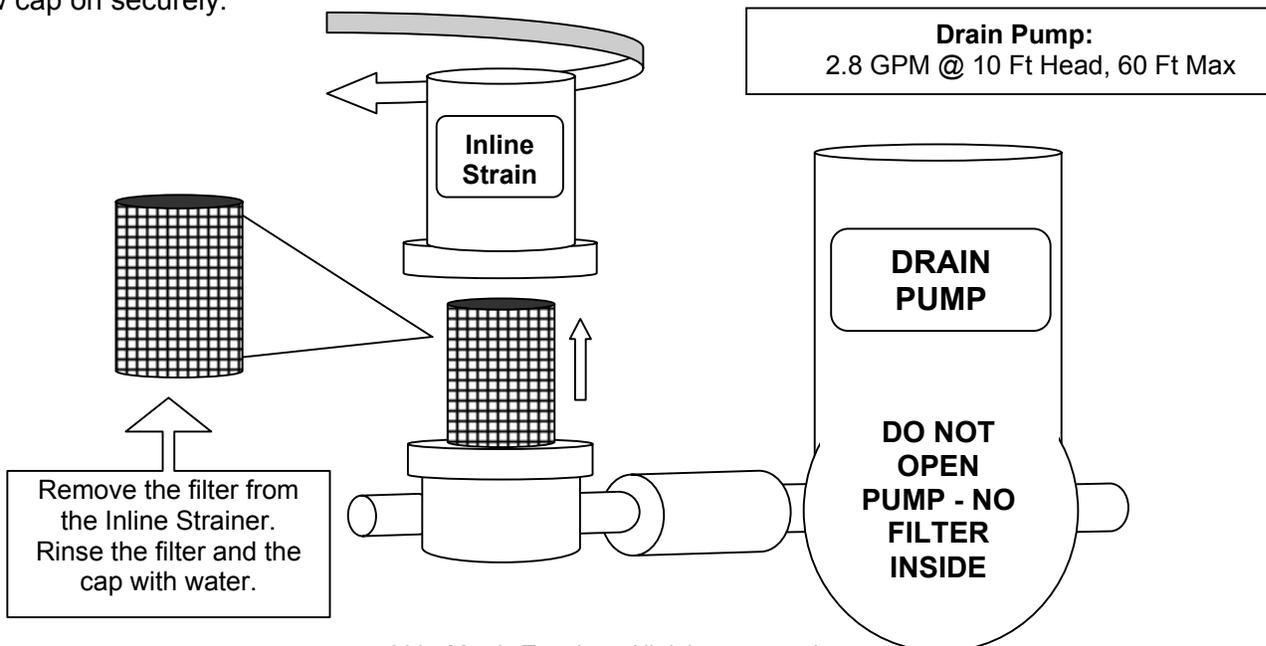
## Exhaust Filter and Capture-Can Filter:

From the inside of the booth, remove the four (4) Black Clamp knobs holding the **Exhaust Filter Cover** and remove the filter element, rinse the filter, let it dry, replace. From the inside of the mechanical room, separate the bottom half of the **Capture Can** by loosening the wing nut and removing the bottom half and extracting the filter. Rinse the filter, let it dry, replace. Snap both the top and bottom pieces back together, replace the wing nut, slide bracket into place with Capture Can, and tighten wing nut. (Having and using multiple filters will eliminate dry time.)



## Inline Strainer

The Inline Strainer is located in the Mechanical Room, behind the Mechanical Spray Wall. Before cleaning, **turn off** the main power to the Mystic Tan booth. Unscrew the cap from the Inline Strainer and remove the screen. Remove all debris from screen and cap by rinsing in tap water. Replace screen and screw cap on securely.



# Monthly Cleaning

## Floor Grates

Use a sponge or a soft rag with a mixture of water and liquid dishwashing soap to clean both sides of the grates. To clean the underside, lift or remove the floor grates and thoroughly rinse. To remove the floor grate with the Magna Tan™ positioning plate, you must detach the ground wire first.

## Floor Pan

To clean the Floor Pan, use a sponge or a scrub brush with a mixture of water and liquid dishwashing soap. Thoroughly rinse and remove all of the dirty water that remains by holding the float switch in the “up” position or use a wet-vac.

## Acrylic Roof:

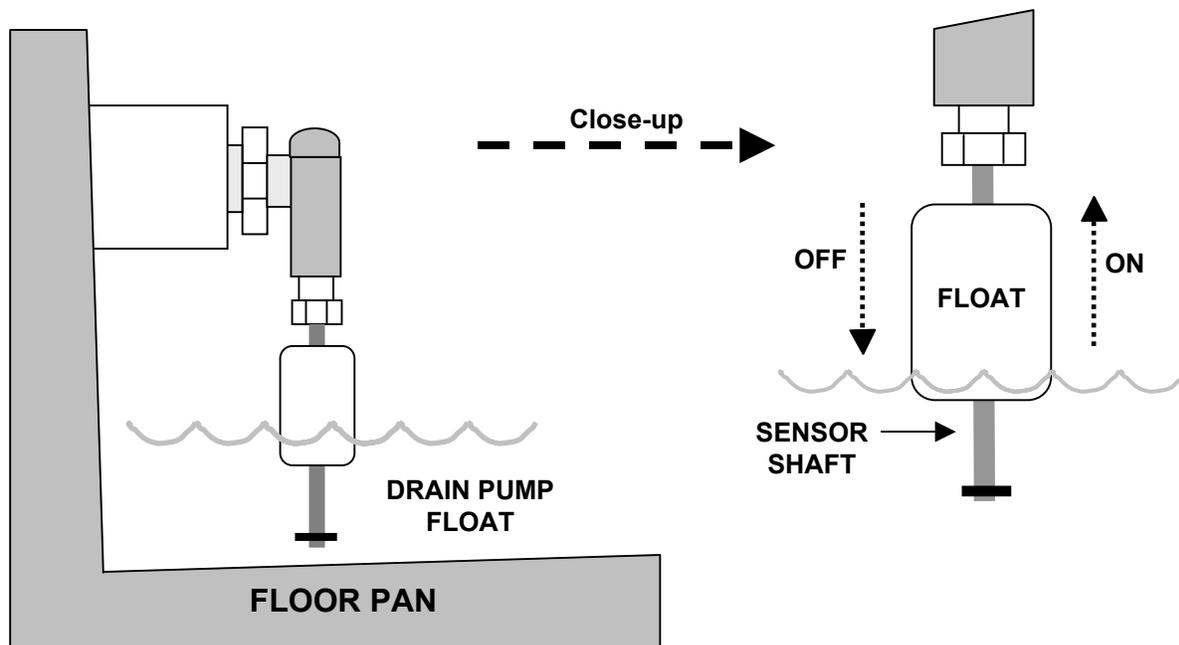
Using a tanning bed sanitizer with a soft non-abrasive cloth will safely remove dust and dirt from the topside of the acrylic ceiling.

## Interior Walls:

Use a sponge or a soft rag with a mixture of water and liquid dishwashing soap to thoroughly clean the booths Interior. After cleaning, rinse-off the interior using the provided water hose. This will remove any excess build-up that may have been missed during the daily cleaning process. After cleaning the interior, leave the customer door open overnight to help dry the booth and keep your booth smelling fresh.

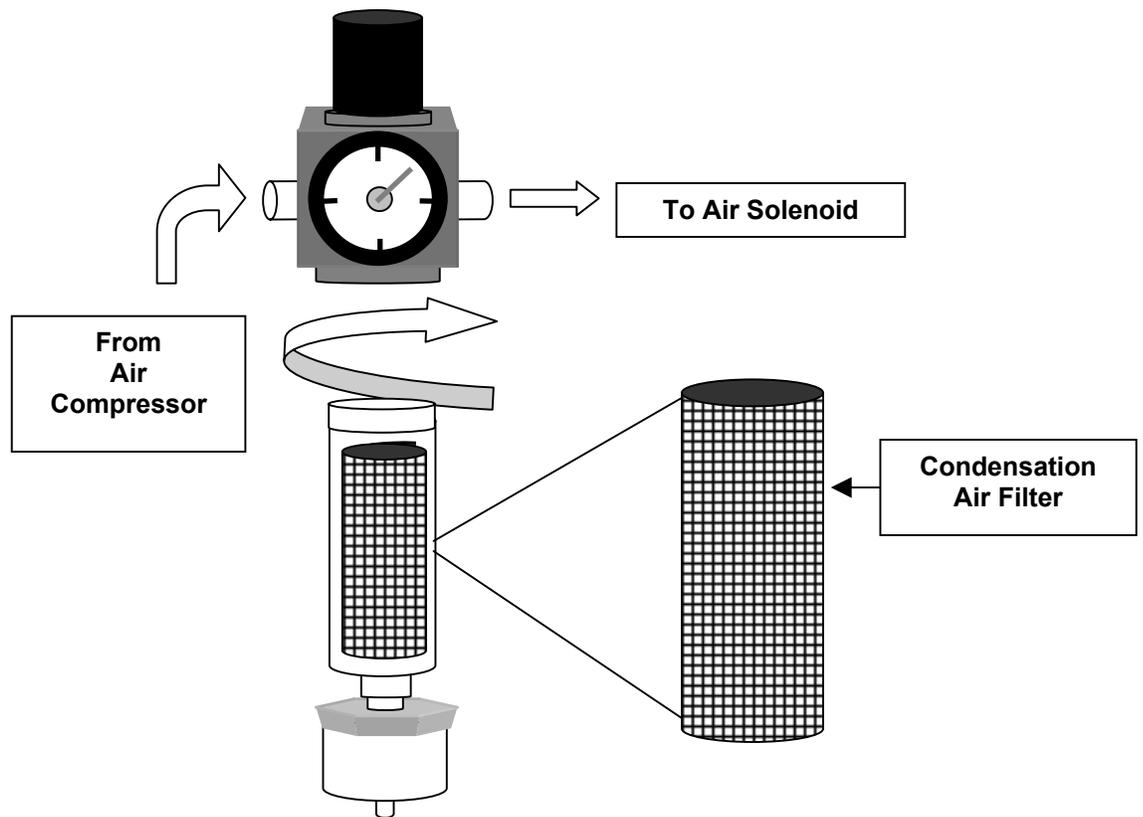
## Float and Sensor Shaft

During the process of cleaning your floor grates and pan, be sure to always clean the Float and Sensor Shafts. This will eliminate any sticking of the floats in the “on” or “off” position. The sensor shafts must remain clean allowing the float to move freely. Clean the floats and sensor shaft with a mixture of water and liquid dishwashing soap.



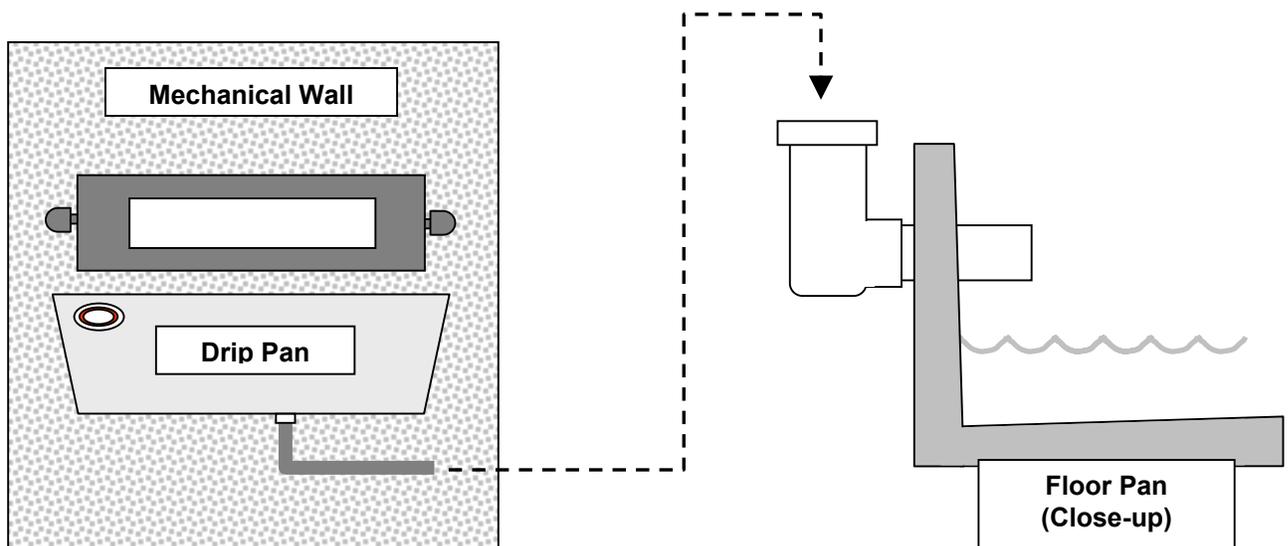
## Condensation Air Filter

Disconnect the air supply hose from the Mystic Tan booth. Unscrew the clear plastic filter tube from the bottom of the Air Regulator and remove filter. Wash the filter and the clear plastic tube housing with a mixture of water and liquid dishwashing soap (see illustration below). Replace the filter in the clear plastic housing and screw the housing securely back into place.



## Drip Pan

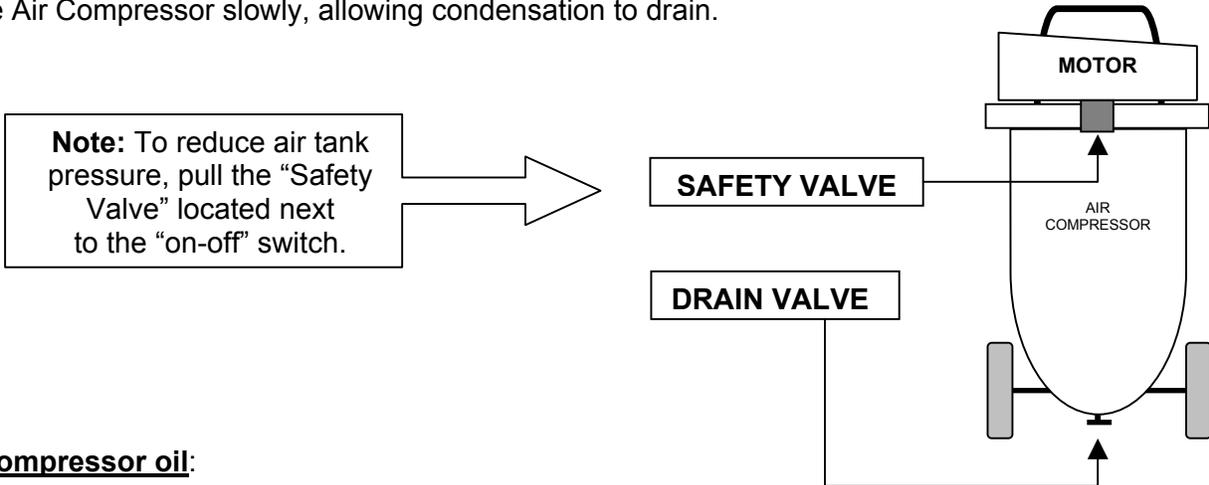
To prevent clogging, clean and flush the Drip Pan with a mixture of hot water and liquid dishwashing soap. Do not use any liquid drain cleaners, as these chemicals will hurt the rubber and PVC tubing as well as the fiberglass Floor Pan. Rinse with clean water thoroughly afterwards.



# Monthly Cleaning

## Draining air compressor tank:

To protect against risk of corrosion, you must drain the moisture from the air compressor tank. Before draining, you must first **turn off** the main power to the Air Compressor, and then reduce air tank pressure below 10 psi (see note below). After pressure has been reduced, unscrew the Drain Valve at the bottom of the Air Compressor slowly, allowing condensation to drain.

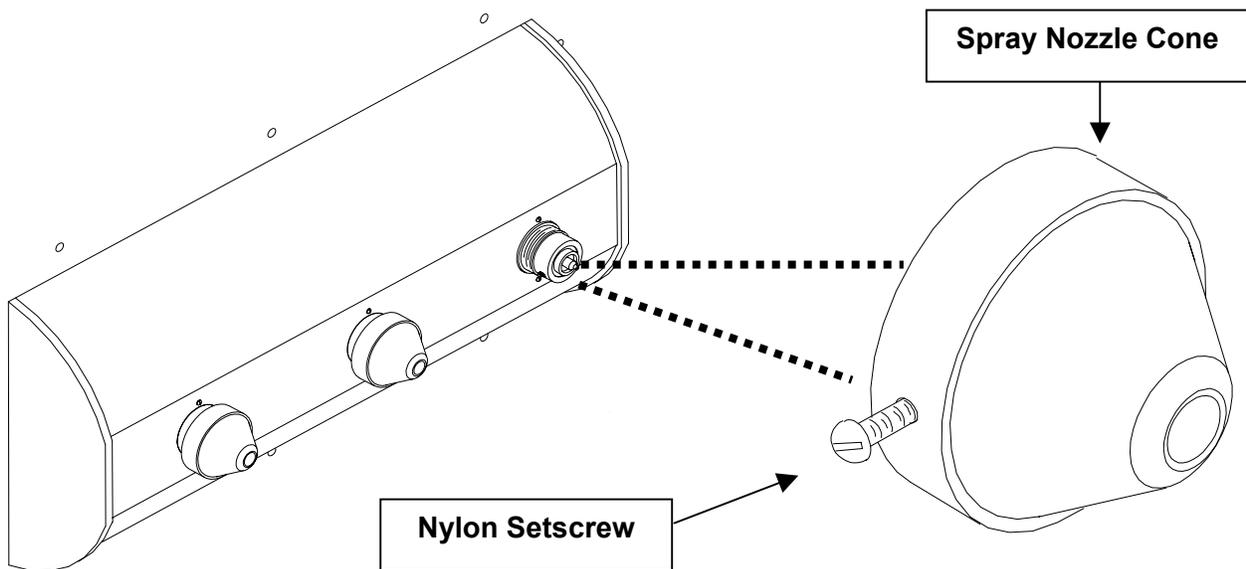


## Air compressor oil:

It is very important to maintain the proper oil level at all times. Turn the power to the air compressor off, and then remove the dipstick to check the oil level. If the oil level is "low", add small amounts of oil, secure the dipstick and run the compressor for approximately 1 minute. Repeat the above process until an optimum oil level has been achieved.

## Spray Nozzle Cones:

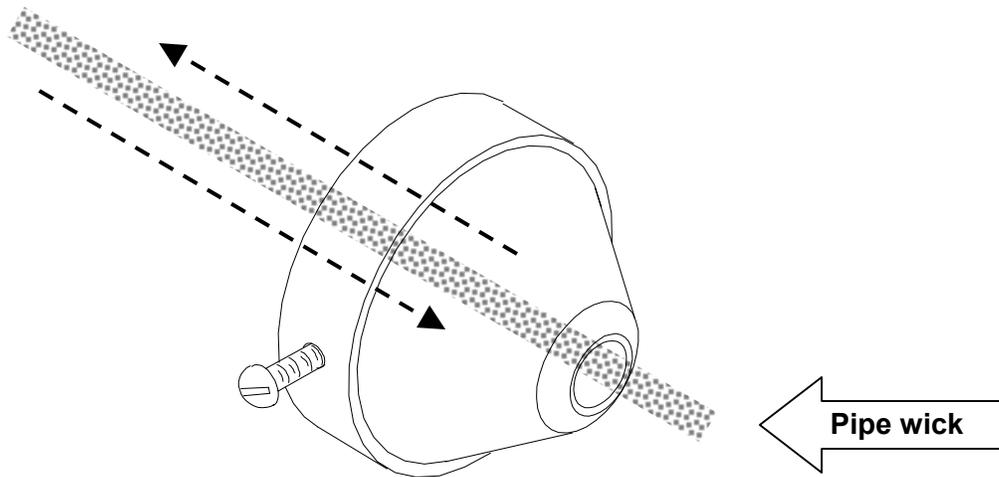
**Step 1.** Before cleaning, turn off the main power to the Mystic Tan booth. To prevent the customers from tampering with the Spray Nozzle Cones, they are locked in place with a nylon setscrew located directly underneath the cone. Loosen the setscrew turning it counterclockwise with a flathead screwdriver approximately 7 to 8 full turns – this will back the screw out about ¼ inch allowing the cone to be removed by unscrewing the cone counter clockwise.



Continued...

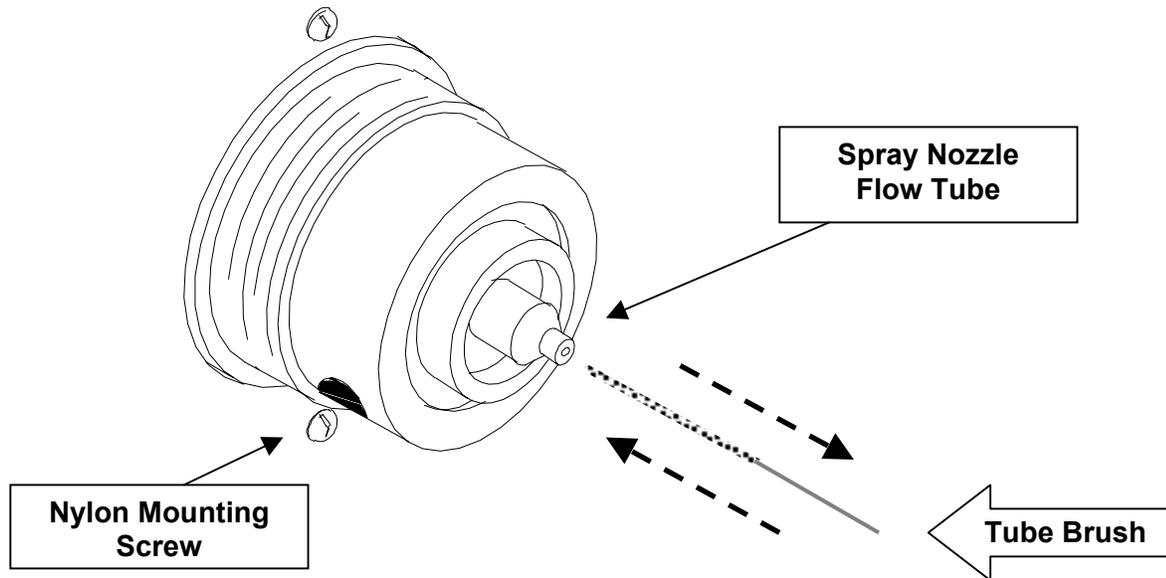
**Spray Nozzle Cones (continued):**

**Step 2.** Place the Spray Nozzle Cones in a sink with a mixture of hot water and liquid dishwashing soap. Let the cones soak for a few minutes, then using a pipe wick or rolled-up paper towel clean the nozzle cone aperture located in the tip of the cone. Rinse with clean water thoroughly afterwards.



**Spray Nozzle Flow Tubes (Only once every ninety {90} days):**

**Step 1.** Clean the Spray Nozzle Flow Tubes by inserting the provided cleaning tube brush into the Flow Tube. Using a back and forth motion 2 - 3 times will remove any buildup.



**Step 2.** When replacing the Spray Nozzle Cone, turn the cone clockwise until it begins to feel snug. Align the Spray Nozzle Cone setscrew with the Nylon Mounting Screw located on the spray housing directly underneath the nozzle cone. The setscrew head should be flush against the side of the nozzle cone if properly aligned. Do not over-tighten.

**Warning:** Over cleaning is not suggested and may cause damage to the Spray Nozzle Flow Tubes. Clean only once every 90 days.



## **SECTION 3**

# **EQUIPMENT TROUBLE SHOOTING**

# EQUIPMENT OVERVIEW

## **1. Mystic Tan Booth Dimensions:**

- Length: 90", 2.286 (m)
- Height: 88", 2.235 (m)
- Width: 45", 1.143 (m)

## **2. Compressor Air Tank Gauge Setting:**

- 115-120 psi 8.085 - 8.437 (kgf/cm<sup>2</sup>)

## **3. Solenoid Air Gauge (on Mystic Tan unit) Setting During Session:**

- 48-54-psi 2001 – 2003 Model 3.375 - 3.797 (kgf/cm<sup>2</sup>)
- 40-46 psi Fiberglass Model

## **4. Water Gauge (on Mystic Tan unit) Setting During Session:**

- 35-50-psi 2.461 – 3.515 (kgf/cm<sup>2</sup>)

## **5. Capture Can Filter:**

- Multi-stage Washable Filter. (The Web Filter)

## **6. Spray Pattern Heights:**

- Low point – 10", 25.4 (cm) off oval plate.
- High point – 72", 1.829 (m) off oval plate.

## **7. Drain Pump:**

- 3/4 ID, 19 mm ID
- 2.8 GPM @ 10 Ft Head, 60 Ft Max
- 13 LPM @ 3m Ft Head, 18m Max

## **8. Mystic Tan Pump Setting:**

- 113 (ml) @ 24 seconds
- 127 (ml) @ 27 seconds
- 170 (ml) @ 36 seconds

## **9. Solution Drum Liquid Capacity:**

- 5 gallons, 18.93 (L)

## **10. Solution Drum Weight at Full Capacity:**

- 45 lbs. 20.41 (Kg)

## **11. Rinse Drum Liquid Capacity:**

- 15 gallons 56.78 (L)

## **12. Rinse Drum Weight at Full Capacity:**

- 130 lbs. 58.97 (Kg)

## **13. Session Sequence (Level 1)**

- Spray 1: 12 seconds
- Exhaust 1: 10 seconds
- Spray 2: 12 seconds
- Exhaust 2: 60 seconds
- Wash down: 60 seconds.

## **14. Session Sequence (Level 2)**

- Spray 1: 15 seconds
- Exhaust 1: 10 seconds
- Spray 2: 12 seconds
- Exhaust 2: 60 seconds
- Wash down: 60 seconds.

## **15. Session Sequence (Level 3)**

- Spray 1: 18 seconds
- Exhaust 1: 10 seconds
- Spray 2: 18 seconds
- Exhaust 2: 60 seconds
- Wash down: 60 seconds

## TROUBLE SHOOTING EQUIPMENT

Symptom	Problem	Causes	Remedy
<b>Can Not Start a Tanning Session:</b>	Air pressure	Compressor Tanks air pressure is too low.	Re-adjust air pressure setting see: Periodic Maintenance
		Air pressure setting at Booth is too low (has fallen below 46 PSI).	Re-adjust air pressure setting see: Periodic Maintenance
		Air Compressor Tank is leaking.	Close the Drain and Safety Valve(s).
			Tighten air hose fittings and connections.
		Air Compressor Tank is full of condensation (water).	Refer to: Draining the Air Compressor Tank.
		Circuit Breaker to the Air Compressor has been tripped.	Set the Circuit Breaker switch to the "on" position.
			If Circuit Breaker won't reset, contact an Electrician.
Air Compressor power switch is in the "off" position.	Set the Air Compressor power switch in the "On/Auto" position.		
<b>Water level is too high in the drain pan:</b>	Water level in the drain pan is not evacuating.	Power connection to Drain Pump is disconnected.	Trace all wires to and from the Drain Pump. Reconnect.
		Connection to Safety Float is disconnected.	Trace all wires to and from the Safety Float. Reconnect.
		Inline Strainer is clogged.	Refer to weekly cleaning see: Cleaning the Inline Strainer.
		Drain Hose is obstructed.	Disconnect hose from pump with Inline Strainer. Remove debris. Replace.
			Disconnect the hose from the Drain Pump (outlet side) connect the drain hose to the water supply hose.
		Drain Float is stuck in the down position.	Clean the float sensors and shaft with a mixture of water and liquid dishwashing soap.
		Drain Hose is in a bind.	Trace Drain Hose line and remove any "kinks" or "binds" in the line.
<b>Can Not Set a Tanning Session:</b>	The booth Timer Interface is not communicating with your Network Manager or Remote Display.	Timer cord is disconnected to or from the Timer Interface Board.	Trace all wires to and from the Timer Interface Box. Reconnect.
		Communication Chip is bad.	Contact Tech Support for detailed replacement instructions.
		Station address is lost (Not applicable on the Remote Display).	Refer to: Station Addressing.
<b>Cleaning Cycle will not activate:</b>	The booths cleaning cycle will not activate when initiated.	Clean/Reset Button wires have become disconnected.	Contact Tech Support for detailed instructions.
		Clean/Reset Button is damaged.	Contact Tech Support for detailed replacement instructions.

## TROUBLE SHOOTING EQUIPMENT

Symptom	Problem	Causes	Remedy
<b>The tan pattern is uneven:</b>	Spray Nozzles are not working properly.	One of the Mystic Meter cylinders is not working at full capacity.	Contact Tech Support for detailed replacement instructions.
		Tanning Myst Hose detached from Nozzle, or Mystic Meter.	Trace the Tanning Myst hoses from the Mystic Meter to the Spray Nozzles. Reconnect. Before reattaching the hose, cut a 1/4" off of the tip and reattach.
		Check Valve is stuck on the manifold block or the spray nozzle in the spray housing.	Clean or replace Manifold Check Valve. Contact Tech Support for detailed cleaning or replacement instructions.
		Spray Nozzle Cones and Flow Tubes need to be cleaned.	Refer to: Cleaning Spray Nozzle Cones and Flow Tubes.
		Water Pressure is too high.	Re-adjust water pressure to 30-35 PSI
	Spray Not Charging.	Spray Nozzle Cones and Flow Tubes need to be cleaned.	Refer to: Cleaning Spray Nozzle Cones and Flow Tubes.
		Spray Nozzles are not receiving a charge.	Check red charging light during a tanning session. If the light does not illuminate, contact Tech Support.
			Wipe spray nozzle cones dry. Run a tanning session to see if the Nozzle Cones become wet with tanning myst. If not, contact Tech Support.
	Ground Wire is not connected to the Magna Tan plate.	Lift the floor grate with the MagnaTan plate attached and tighten or replace the loose wire.	
	<b>No tanning myst spray during session:</b>	Spray Nozzle(s) stopped functioning	Tanning Fluids are low.
Mystic Meter is not functioning.			Contact Tech Support for detailed replacement instructions.
<b>Tan is too light (dry) or too dark (wet):</b>	Spray Volumes are too high or low.	Mystic Meter needs to be calibrated.	Refer to: Meter Calibration.
<b>Spray Nozzle Housing continually moves up and down once a session has been set:</b>	Auto-reset arm is bent out of position.	Arm got caught or accidentally bent.	Turn main power off to the booth. Manually bend the Auto Reset Arm back into place.



# **SECTION 4**

## **CONSUMER TROUBLE SHOOTING**

## CONSUMER TROUBLE SHOOTING

<b>Problem</b>	<b>Causes</b>	<b>Remedy</b>
Consumer's TOPS of hands are too dark	Hands have received too much myst application.	Try placing hands slightly in front of body when back side application is applied.
		Try applying a heavier coat of barrier cream to the top of hands to minimize absorption.
	Skin in this area is dryer and tends to absorb more.	Try applying a heavier coat of barrier cream to the top of hands to minimize absorption.
		Try applying a light coat of Moisturizer before applying barrier cream.
Consumer's palms of hands are too dark.	No or very little barrier cream was applied to the palms of the hands.	Apply barrier cream as directed.
		Try applying a heavier coat of barrier cream to the palms of the hands to minimize absorption.
	Hands have received too much myst application, such as palms facing towards spray nozzles.	Turn palms away from direct spray. Place hands slightly in front of body when back side application is applied.
Consumer has white lines (knuckles, wrist, chin, neck, etc).	Skin has overlapped or has heavy creases.	Tilt head back for neck and chin lines and use alternate hand positions for knuckles and wrist. Skin that overlaps must be taught during application.
Consumer's feet are getting too dark.	Feet receive excess myst due to the fact that mist is continually falling to the floor.	Try applying a heavier coat of barrier cream to the feet to minimize absorption.
	No or very little barrier cream was applied to the palms of the hands.	Apply barrier cream as directed.
		Try applying a heavier coat of barrier cream to the feet to minimize absorption.
	Skin in this area is dryer and tends to absorb more.	Try applying a light coat of Moisturizer before applying barrier cream.
		Try applying a heavier coat of barrier cream to the top of feet to minimize absorption.

## CONSUMER TROUBLE SHOOTING

<b>Problem</b>	<b>Causes</b>	<b>Remedy</b>
Consumer's tan on feet is uneven.	The tan is lighter due to the tightness of footwear worn directly after a tanning session. <b>Note:</b> Tight shoes can trap moisture and also rub off the tan.	Wear loose fitting shoes on the day of the tanning session.
Consumer's toenails are turning brown.	No or very little barrier cream was applied to toenails.	Apply barrier cream as directed.
		Try applying a heavier coat of barrier cream to the toenails to block absorption.
		Paint toenails with a clear or color polish.
Consumer's elbows and knees are getting too dark	Skin in these areas is dryer and tends to absorb more.	Try applying a heavier coat of barrier cream to the elbows and knees to minimize absorption.
		Try applying a light coat of Moisturizer before applying barrier cream.
Consumer has streaks on back of legs after their tanning session.	Over application may have occurred.	Try a lower Mystic Tan level.
		Exit immediately after the tanning session and begin towelling drying, starting from the bottom of the leg and proceeding upwards.
	Using a shaving cream or UV tanning lotion containing an oil additive.	Use non oil-based products on the day of tanning.
	Skin may be too dry for rapid absorption.	Apply a light coat of Moisturizer prior to the tanning session.

## CONSUMER TROUBLE SHOOTING

<b>Problem</b>	<b>Causes</b>	<b>Remedy</b>
Consumer's legs and shins are too light.	Shaved legs the morning of the tanning session.	Shave legs the night before, or the day after the tanning session.
	Using a shaving cream or UV tanning lotion containing an oil additive.	Use non oil-based products on the day of tanning.
	Skin may be too dry for rapid absorption.	Apply a light coat of Moisturizer prior to the tanning session.
Consumer's tan is "blotchy"	May have a history of a clinical skin condition i.e. (eczema, psoriasis).	Mystic Tan tanning results depend on the condition and consistency of the skin.
	Using a shaving cream or UV tanning lotion containing an oil additive.	Use non oil-based products on the day of tanning.
	Skin may be too dry for rapid absorption.	Apply a light coat of Moisturizer prior to the tanning session.
Consumer is concerned about immediate results.	Used Clear Myst	Use Bronze Myst on next application.
		Explain Clear Myst development process.
	Not completely informed of the process of UV-free tanning.	Explain that a UV-free Tan can take up to 24 hours to reach its full potential.

## CONSUMER TROUBLE SHOOTING

<b>Problem</b>	<b>Causes</b>	<b>Remedy</b>
Bronzer is transferring to clothes.	Not drying off completely.	Need to dry off entire body. <b>Note:</b> Suggest not wearing white the day of the tanning session.
	Excessive perspiring during physical activity.	Suggest using Clear Myst.
		Wash bronzer off before strenuous activities.
Consumer's tan results are uneven	Not drying off completely.	Need to dry off entire body.
	Using a shaving cream or UV tanning lotion containing an oil additive.	Use non oil-based products on the day of tanning.
	Did not wait a minimum of 4 hours before bathing.	The Tanning Myst needs a minimum of 4 hours before to secure its process.
Consumer's tan is too light.	Using a shaving cream or UV tanning lotion containing an oil additive.	Use non oil-based products on the day of tanning.
	Did not wait a minimum of 4 hours before bathing.	The Tanning Myst needs a minimum of 4 hours before to secure its process.
	Skin may be too dry for rapid absorption.	Apply a light coat of Moisturizer prior to the tanning session.
Consumer's tan is too light on one side of the body.	Did not turn around after front side application.	Go over all of tanning procedures.