

# OPERATION & ASSEMBLY INSTRUCTIONS

# SUN | DASH

## PERFORMANCE | 240



# Specifications

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## 240GS

Length: 85"

Width: 45"

Height: 34.5" - 52"

Shipping Weight: 1000 Lbs.

No. of Lamps: 40

Electrical: 28 AMPS @ 240 Volts

Circuit Required: 120/208 V, 2-Pole  
120/240 V, 2-Pole  
40 Amp Breaker

**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 LONG-TERM INJURY TO 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.

THIS UNIT UTILIZES UVA LAMPS. REPLACE ONLY WITH **GENESIS GS 170W FR72-T12-VHO-170WGS (TOP) AND GENESIS GS120W F73-T12-HO-120WGS (BOTTOM)** .

LIE ON ACRYLIC SURFACE AND LOWER TOP SECTION. TOP SECTION WILL STOP AT 17 INCHES (432 MM) FROM BOTTOM ACRYLIC SURFACE. THE USE OF ANY OTHER POSITION MAY RESULT IN OVEREXPOSURE.

<b>Recommend Exposure Schedule</b>					
<b>SKIN TYPE</b>	<b>WEEK 1</b> 1 ST-3RD TREATMENTS	<b>WEEK 2</b> 4TH-6TH TREATMENTS	<b>WEEK 3</b> 7TH-10TH TREATMENTS	<b>WEEK 4</b> 11TH-15TH TREATMENTS	<b>WEEKLY</b> SUBSEQUENT TREATMENTS
II - FAIR	3 MIN.	7 MIN.	10 MIN.	12 MIN.	15 MIN.
III - AVERAGE	3 MIN.	7 MIN.	10 MIN.	12 MIN.	15 MIN.
IV - BROWN	3 MIN.	8 MIN.	12 MIN.	15 MIN.	15 MIN.
V - DARK BROWN	3 MIN.	8 MIN.	12 MIN.	15 MIN.	15 MIN.

**MAXIMUM EXPOSURE TIME IS 15 MINUTES.**

TANNING CAN BEGIN ON A REGULAR BASIS. AN APPEARANCE OF TANNING NORMALLY APPEARS AFTER A FEW EXPOSURES AND MAXIMIZES AFTER FOUR (4) WEEKS OF EXPOSURE FOLLOWING THE RECOMMENDED SCHEDULE FOR YOUR SKIN TYPE.

USE PROTECTIVE EYEWEAR, SUPER SUNNIES, WHENEVER THE EQUIPMENT IS ENERGIZED. READ THE INSTRUCTION BOOKLET BEFORE USING THIS UNIT.

**INSTRUCTIONS ACCOMPANYING THIS PRODUCT SHOULD ALWAYS BE FOLLOWED TO AVOID OR MINIMIZE POTENTIAL INJURY.**

"THIS PRODUCT IS IN CONFORMITY WITH PERFORMANCE STANDARDS FOR SUNLAMP PRODUCTS UNDER 21CFR PART 1040."

# Warnings and Cautions

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Certain drugs - particularly those that produce photosensitivity - may cause individuals under the influence of this type drug to experience adverse effects and those people should avoid exposure to UV sources of all kinds. Doctors will advise persons taking these drugs to possible adverse effects.

It is recommended that only one person at a time should use the tanning system while in use, and advises using protective eyewear while taking a tanning session. One pair of goggles is provided with each sunbed sold.

## WARNING

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

Occasionally, persons using the tanning system will experience a slight reddening of the skin - usually in small patches - after the second or third session. This redness is often accompanied by an itching sensation. This may be nothing more than a heat "rash" caused by heat from the lamps within the system.

It is generally very limited and caused by constant contact of the skin with the acrylic surface. It should go away within approximately 24 hours and should not reappear. This rash can be lessened or prevented by applying moisturizer lotion to the affected area after the tanning session is completed.

## CAUTION

While there is no immediate clinical evidence UVA exposure and its effects upon expectant mothers, it is strongly advised that expectant mothers be discouraged from using the tanning unit.

## Mandatory Reading

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**Always read and follow all instructions for proper usage prior to using any tanning system.**

### Remember:

1. Follow the exposure schedule in accordance with your skin type. Failure to do so may result in overexposure.
2. A tanning system is not a toy. You cannot vary the strength of the lamps in your unit.

Should you have any questions regarding the proper use of your tanning system, contact Sun Ergoline at:

**1-800-445-0624**  
**8:00 a.m. to 5:00 p.m. (CST)**

# Care and Cleaning of Your Tanning Unit

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After each session is completed, spray the acrylic surface with specially formulated UVT (ultraviolet transmitting) acrylic cleaner. Wipe the surface of the acrylic with a clean cloth. The acrylic should never be wiped with a dry

cloth because this will generate a slight static charge which will attract dust. A mild liquid detergent and water solution can be used temporarily in place of Acrylic Cleaner.

For maximum efficiency of your tanning unit, periodic cleaning of lamps, reflectors and the inside of the acrylics is required. Refer to relamping instructions for acrylic removal.

**CAUTION:** Do not use excessive amounts of water, any abrasive cleaners, or any spray cleaners that carry label warnings regarding reactions to contact with skin!

## DO NOT USE ALCOHOL OR AMMONIA

### Electrical Safety:

The tanning unit should be disconnected from the power supply before cleaning or disinfecting the inside of the acrylic. Avoid water or solution entering the lamp compartment.

## Relamping Instructions

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### 240GS

1. Disconnect unit from power.
2. Remove acrylic from bottom unit. Locate six 1/4 turn fasteners. Remove fastener by turning counter clockwise 1/4 of a revolution.
3. Push lamp toward footend of the unit to disengage from stationary lampholder. Remove lamp.
4. Replace lamp by inserting end of lamp into spring loaded lampholder at the footend of the bed and push until lamp will insert and properly seat the stationary lampholder at the head end of the bed.
5. Clean and replace acrylic sheet.
6. Reconnect unit to power.
7. Refer to Care and Cleaning Instructions for information on cleaning acrylic and ordering lamps.

### CAUTION

Replacement lamps must comply with CFR21 1040.20.

A. Replace top unit lamps with **Genesis GS 170W FR72-T12-VHO-170WGS.**

B. Replace bottom unit lamps with **Genesis GS 120W F73-T12-HO-120WGS.**

C. When ordering lamps, include model and serial number of unit.

# Exposure Time and Frequencies

**Melanin** - The brownish pigment produced by special cells in the base layer of your skin determines the individual's tan. As the skin is exposed to the ultraviolet light, the melanin is activated and combines with protein cells that rise to the skin's surface, thus producing a tan.

The amount of melanin in your body determines how quickly and dark you tan. The more melanin produced and exposure time an individual has, the faster and deeper the individual will tan.

Do not tan more than once in a twenty-four (24) hour period.

## NOTE

The tan produced by the tanning unit is a deep, rich "COSMETIC" tan. However, regardless of how dark an individual may tan on this system, it will not provide adequate protection against overexposure to natural sunlight or UVB tanning systems.

**SKIN TYPE II** - This is the individual that usually burns easily and severely, tans minimally or lightly and peels.

**SKIN TYPE IV** - This individual burns minimally, tans easily and above average with each exposure.

**SKIN TYPE III** - Often referred to as "AVERAGE" complexion, burns moderately and tans about average.

**SKIN TYPE V** - This individual's system rarely burns, tans easily and substantially.

Recommended Exposure Schedule					
SKIN TYPE	WEEK 1 1 ST-3RD TREATMENTS	WEEK 2 4TH-6TH TREATMENTS	WEEK 3 7TH-10TH TREATMENTS	WEEK 4 11TH-15TH TREATMENTS	WEEKLY SUBSEQUENT TREATMENTS
II - FAIR	3 MIN.	7 MIN.	10 MIN.	12 MIN.	15 MIN.
III - AVERAGE	3 MIN.	7 MIN.	10 MIN.	12 MIN.	15 MIN.
IV - BROWN	3 MIN.	8 MIN.	12 MIN.	15 MIN.	15 MIN.
V - DARK BROWN	3 MIN.	8 MIN.	12 MIN.	15 MIN.	15 MIN.

**MAXIMUM EXPOSURE TIME IS 15 MINUTES.**

No two individual skin tones are the same. A tan to one person may be different to another and treatment length may vary.

**NOTE:** Adequate ventilation of the room or booth housing the tanning unit is required for proper and comfortable operation. Your tanning unit will perform best at the ambient temperature of 75° to 90° F. Equally important many facial makeups have oil bases and should be removed prior to a session.

It is recommended that, following a tanning session, a skin moisturizer be applied. This promotes a smoother, more even looking tan. It is recommended you do not use tanning creams or lotions intended for outdoors use.

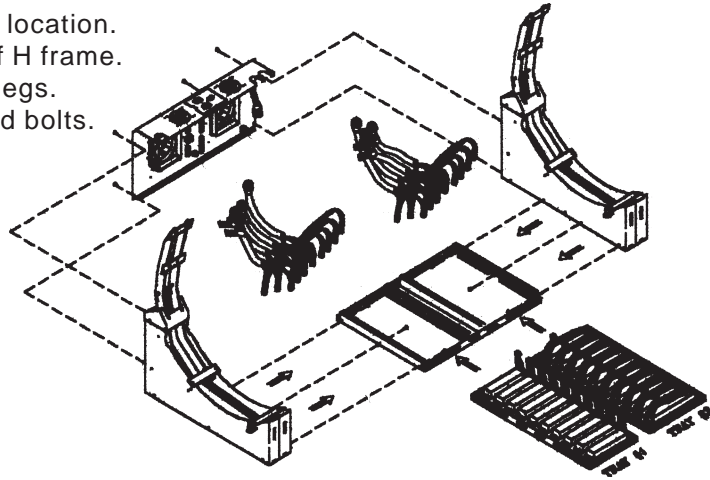
# Assembly Instructions

**NOTE:** Check to insure that the serial numbers on the outside of the boxes match before assembling. Remove packaging and ballast drawer from carton marked **BALLAST BOX**. Remove packaging and leg assemblies from carton marked **LEG ASSEMBLIES**.

## Step 1

Place ballast tray H in room in desired location. Place right and left leg on each side of H frame. Holes in H frame line up with holes in legs. Attach with (6) six 1/4 x 20 thru head bolts.

(See Illustration A1)



## Step 2

Slide ballast trays into H frame as shown in illustration A1.

## Step 3

Remove packing and back electrical panel from box marked PLA. Place panel across back of legs as shown in illustration A1. Attach with four (4) 1/4 x 20 thru head bolts.

Illustration A1

## Step 4

Remove packing and unit from carton marked TOP. Lift top unit into position, (acrylic facing down), so that bolts protruding out of back panel align through slots on mounting bracket of leg assembly.

(See Illustration A2)

## Step 5

Attach top unit to leg assemblies using the eight (8) 5/16" nuts and washers from fastener package. Top unit must be secured tightly against the bottom position of the slots in the hinge mounting brackets.

(See Illustration A2)

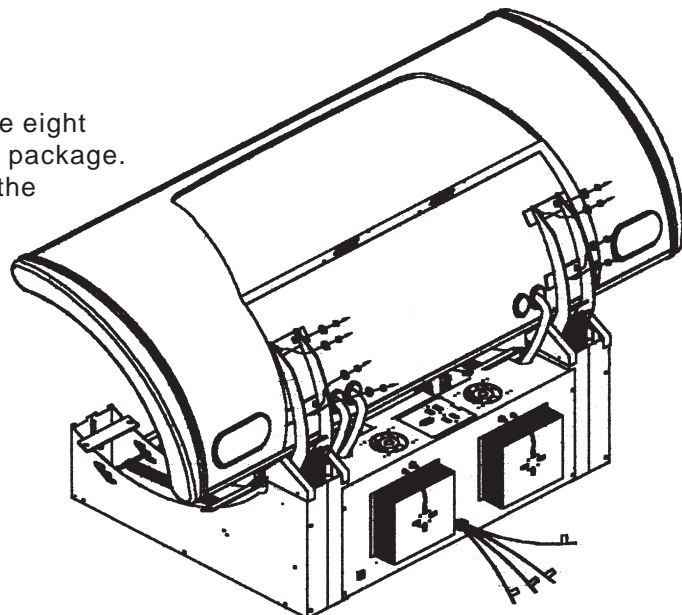


Illustration A2

# Assembly Instructions

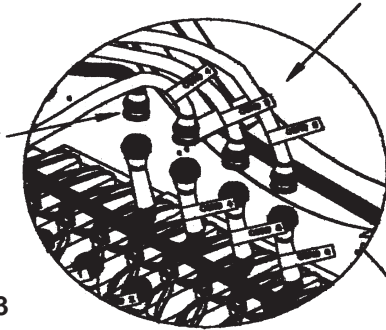


Illustration A3

## Step 6

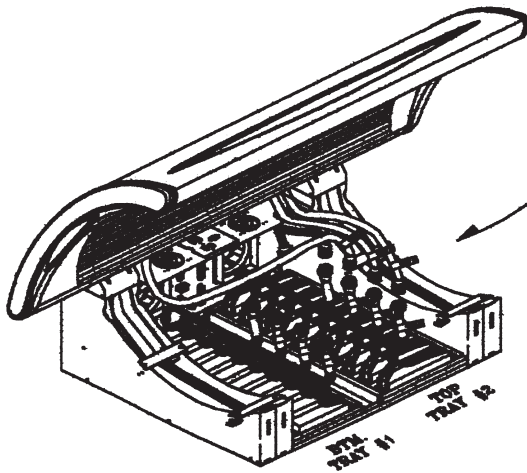
**TOP UNIT POWER CONNECTION:**  
Locate power cord No. 4, align with receptacle labeled No. 4, and twist clockwise until locked. **(See Illustration A3)**  
Repeat procedure for cords No. 5 and No. 6.

## Step 7

Remove packing and unit from carton marked BTM. Locate four (4) 1/4" nuts and washers from fastener package.

## Step 8

Lift bottom unit into position over leg assemblies. Lower unit slowly and align studs that protrude from back panel with mounting holes in leg assemblies. **(See Illustration A4)**



## Step 9

Secure bottom unit to leg assemblies with four (4) 1/4" nuts and washers. **(See Illustration A5)**

## Step 10

**BOTTOM UNIT POWER CONNECTION**  
Locate power cord No. 1, align with receptacle labeled No. 1, and twist clockwise until locked. **(See Illustration A4)**  
Repeat procedure for cords No. 2 and 3.

NOTE: Insure that pins in cord are aligned properly, **DO NOT FORCE INTO PLACE.** Also, insure cord is installed in proper receptacle.

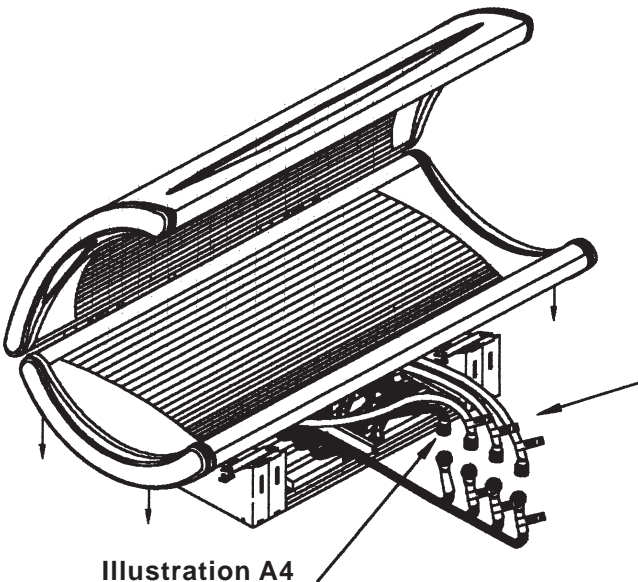


Illustration A4

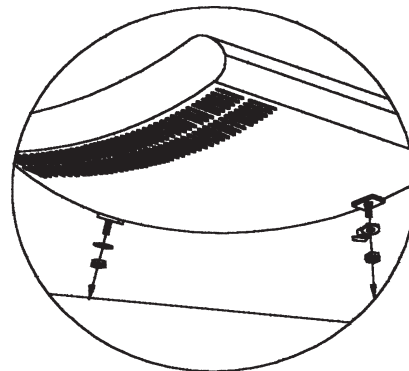


Illustration A5



# Assembly Instructions

## Step 11

Locate and install hinge cover. Install hinge cover by aligning hinge cover tabs with slots in top component cover as shown in illustration A7. Hinge cover should be installed with tabs in front of hinge cover first and installing tabs in rear of cover last.

(See Illustration A7)

## Step 12

Locate ballast drawer concealment panel and install over ballast drawer with 4 #6 X 3/8 screws provided.

(See Illustration A6)

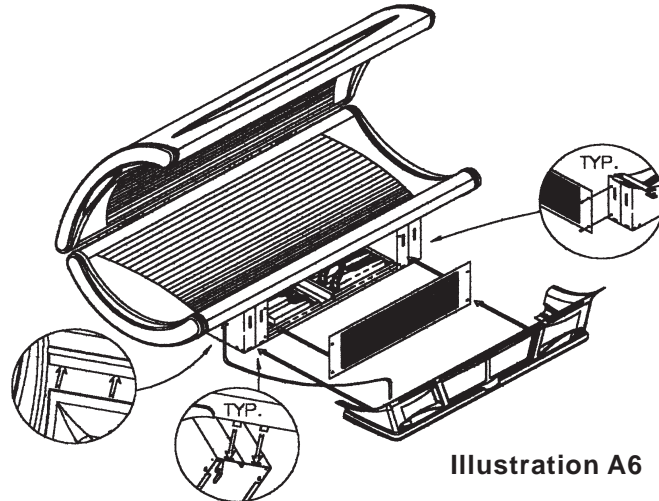


Illustration A6

## Step 13

Locate bottom fascia and place in close proximity of the desired location in front of legs.

Insert bottom tabs into the slots in legs first. Slide the six (6) side tabs under the edge of the bottom end caps. Install to edge of the fascia into the groove in the bottom unit.

(See Illustration A6)

## Step 14

Locate 3 ventilation hoses and attach each to top unit with four (4) #8 x 32 machine screws. Attach each hose to back electrical with #6 x 1/2" sheet screws.

(See Illustration A7)

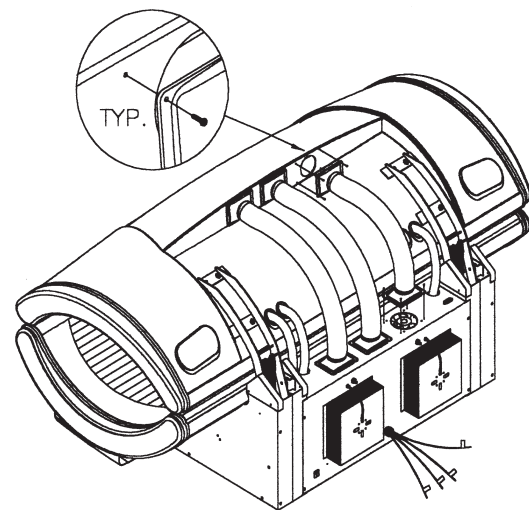


Illustration A7

## Step 15

Locate bottom filter cover and install tabs into slots at the top of the fascia. Lift the bottom edge of the filter cover and snap into bottom fascia.

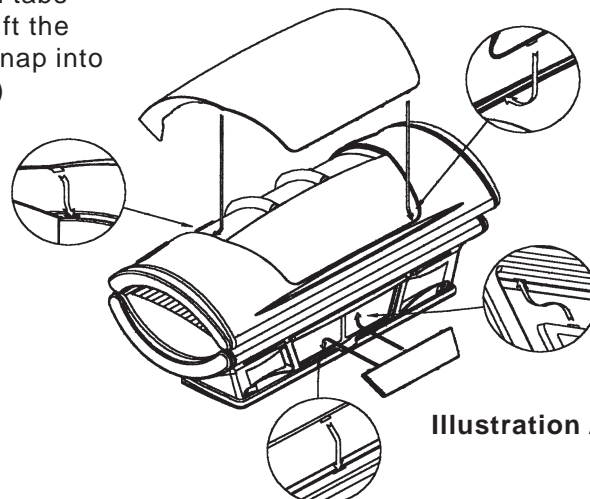


Illustration A8



# Assembly Instructions

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**Note:**

This is an optional connection and is only needed if you are operating on a wireless network.

**Step 1**

Remove timer access panel located in top unit component cover by removing the two (2) #6 X 3/8 sheet metal screws.

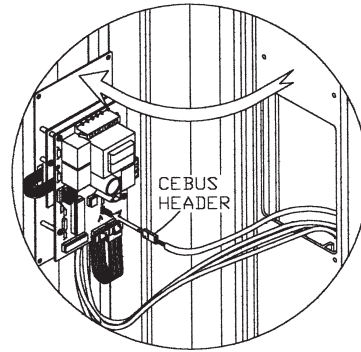


Illustration C1

**Step 2**

Locate the Wireless Communication patch cord included in your assembly parts bag and install. The flat connector must be installed on the power board with the red wire closest to the transformer. Connect the RJ-22 connector (opposite end of cord) to the wireless communication board.

**(Refer to Illustrations C1, C2 and C3)**

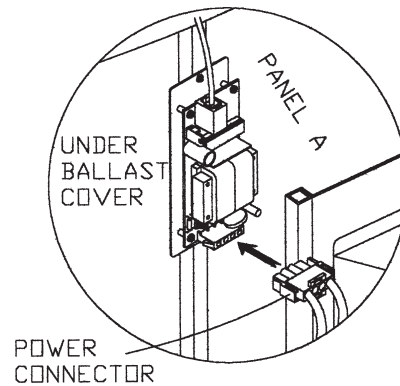


Illustration C2

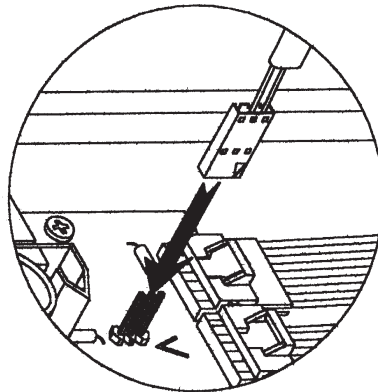


Illustration C3

# Spring Adjustment

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**NOTE:** Adjust only one leg assembly at a time.

## Step 1

Remove ballast concealment panel, this will expose the spring adjustment slots located in the front of each leg. Lift top unit to full upright position and hold.

## Step 2

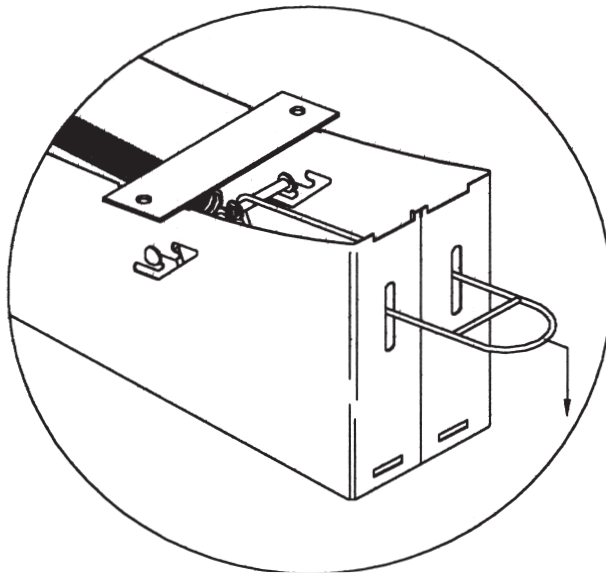
Insert spring adjustment tool in the slots in the front of leg. Latch tool securely to the spring attachment rod and pull forward. Move the spring to the top slot in the leg in increase lift and place spring to the bottom slot to decrease lift.

## Step 3

Test adjustment by slowly opening and closing top canopy. Unit should operate smoothly.

## Step 4

Repeat procedure on opposite leg if needed.



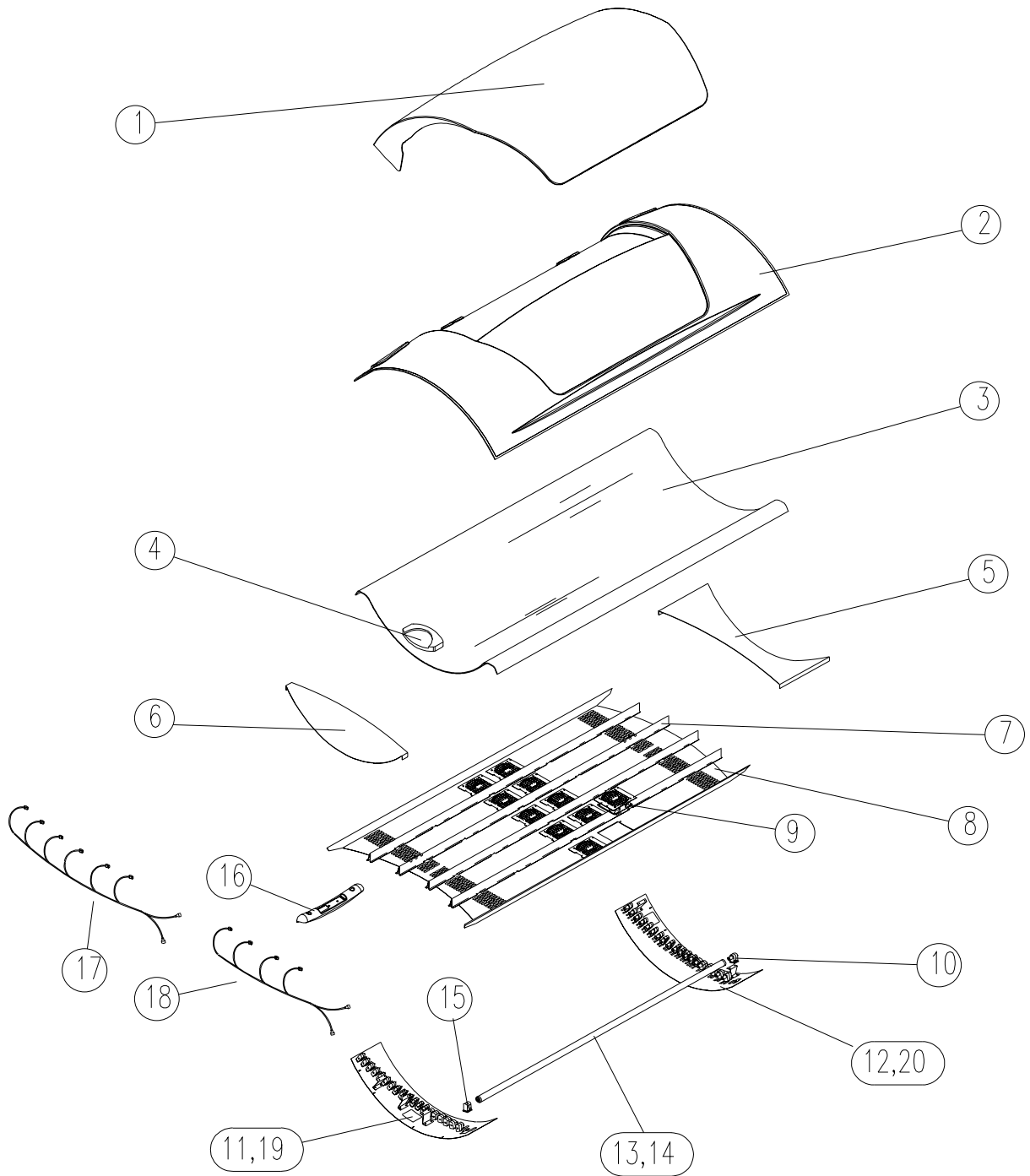
# Parts List

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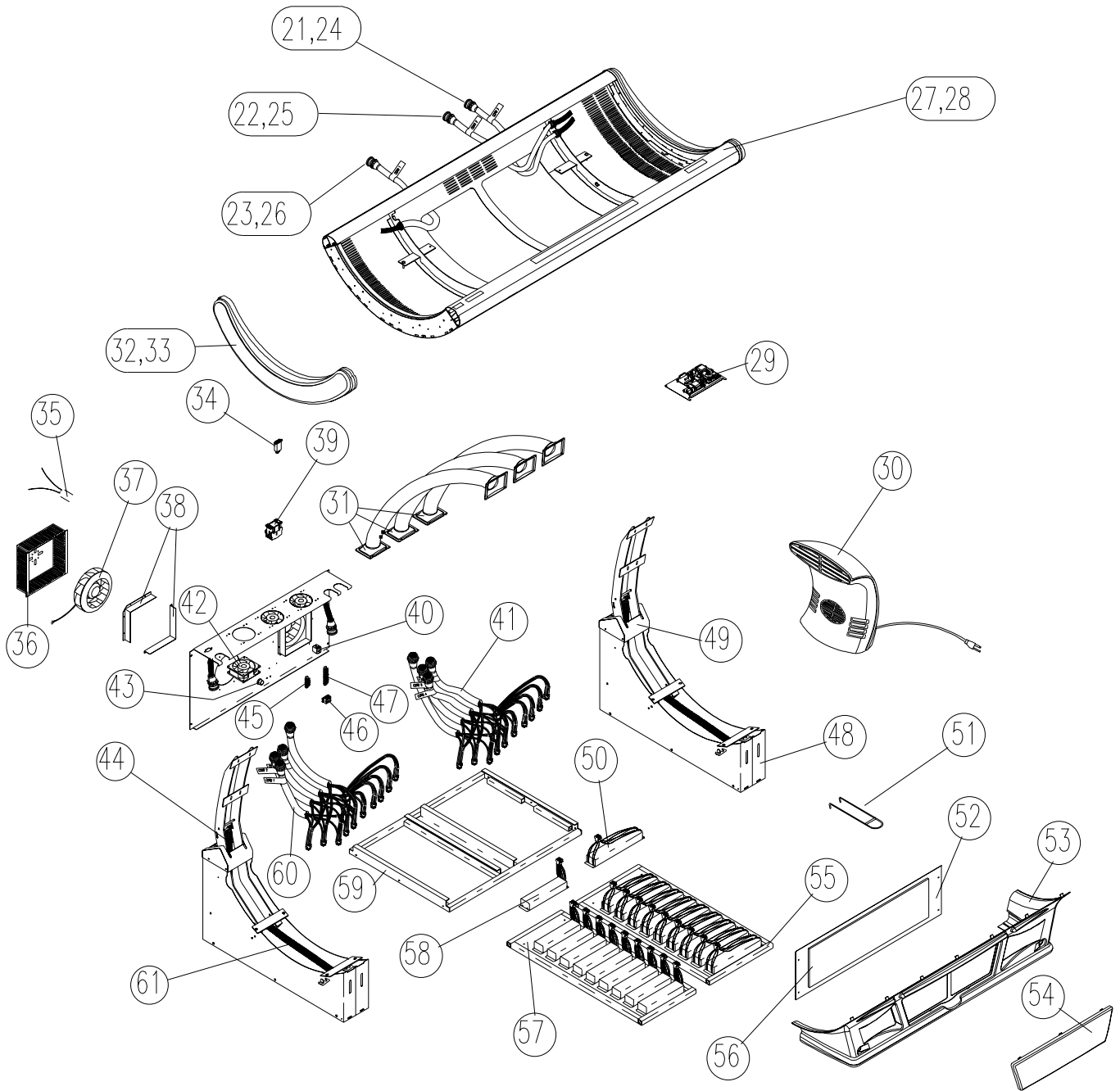
	Part Number (Black)	Description
1.	003726	Top Back Panel Center
2.	003735	Top Back Panel
3.	035176	Acrylic
4.	006001	Head Cushion
5.	011889	Top Head / Bottom Foot Lamp Cover
6.	011888	Top Foot / Bottom Head Lamp Cover
7.	011320	Acrylic Brace
8.	012577	Reflector
9.	002410	110 CFM Axial Fan
10.	002069	Telescopic Lampholder
11.	012574	Top Foot Lampchasis
12.	012572	Bottom Foot Lampchasis
13.	003200	Genesis GS170W FR72-T12-VHO-170WGS
14.	003100	Genesis GS120W F73-T12-HO-120WGS
15.	002070	Stationary Lampholder
16.	003736	Timer Besel
17.	021052	6 Position Fancord
18.	021048	4 Position Fancord
19.	012573	Bottom Head Lampchasis
20.	012575	Top Head Lampchasis
21.	021503	#3 Bed Cord
22.	021502	#2 Bed Cord
23.	021973	#1 Bed Cord
24.	021506	#6 Bed Cord
25.	021505	#5 Bed Cord
26.	021976	#4 Bed Cord
27.	012617	Bottom Frame
28.	012616	Top Frame
29.	021969	Power Board Assembly
30.	042530	External Body Fan
31.	042870	Air Duct Assembly
32.	003734	Top Head Endcap
33.	003733	Encap
34.	002114	Hour Meter
35.	021909	Capacitor
36.	012372	Blower Mount
37.	021907	Blower Impeller Assembly
38.	012469	Fan Inlet Shroud
39.	002193	Relay
40.	002684	Body Blower Outlet
41.	021972	Top Ballast Harness
42.	002406	240 CFM Axial Fan44

# Parts Diagram

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# Parts Diagram



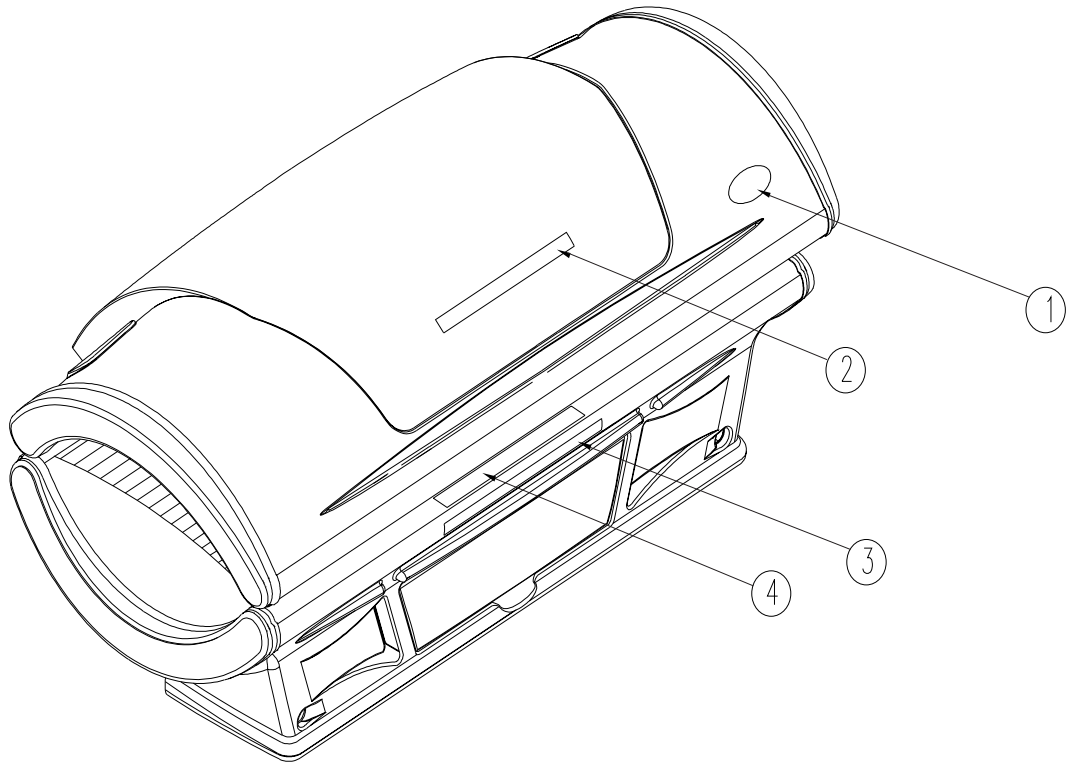
# Parts List

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	Part Number (Black)	Description
43.	002470	3/4" Flexible Conduit Connector
44.	006126	110 lb. Spring
45.	002682	16 Position Terminal Block
46.	021166	3 Position Terminal Block
47.	002672	32 Position Block
48.	042899	Leg Assembly
49.	011890	Leg Cover
50.	002034	1500 ma. Ballast
51.	011366	Leg Spring Adjustment Tool
52.	012562	Ballast Access Panel
53.	003730	Front Fascia
54.	003721	Bottom Filter Cover
55.	011988	VHO Ballast Tray
56.	006134	Filter
57.	011987	HO Ballast Tray
58.	002035	Powercell 1200 Ballast
59.	011989	Ballast Tray Slide
60.	021971	Bottom Ballast Harness
61.	006125	55 lb. Spring

# Label Diagram

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## **Label Part Numbers**

- 1. 005455
- 2. 005451
- 3. 005491 (White)  
005493 (Black)
- 4. 005475 (White)  
005470 (Black)



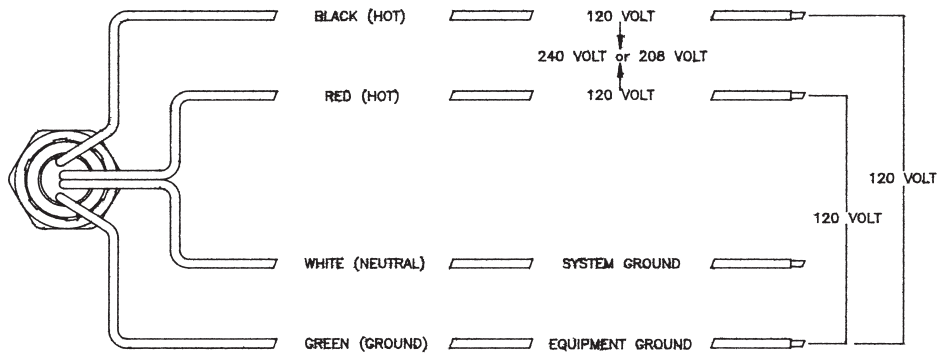
# Unit Connection

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## 240GS

Unit Connection: This unit must be connected to a 120/240 Volt 20 amp or 120/208 Volt, 20 amp service by the means of 1/2" conduit connection.  
**Contact your local electrician.**

### Wiring Diagram



### CIRCUIT REQUIRED

120/208 Volts 1Ø 40 AMP or

120/240 Volts 1Ø 40 AMP

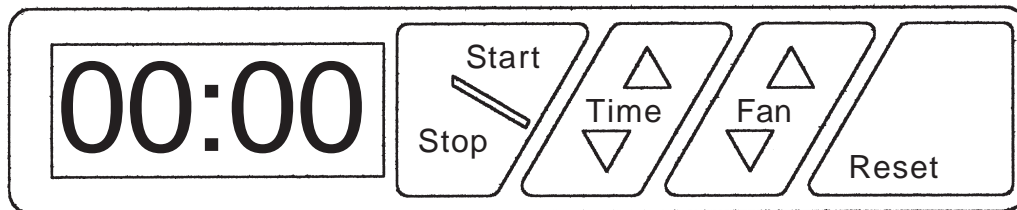
3/4" FLEXIBLE CONDUIT CONNECTION

ALL FOUR (4) POWER WIRES 8 GA. OR LARGER

# Intellitan Plus by Sun Ergoline

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## Operating Instructions



### To Set Time

STEP 1: Press the **s** button to reach desired setting in minutes.

STEP 2: Press **“START”** to begin operation. The session is counted down in minutes and seconds.

**NOTE:** If a session delay is preprogrammed (P04), the display will begin to flash the session time. The display will continue to flash the session time for the duration of the session delay according to the programming or until the **“START/STOP”** button is pressed. If the **“START/STOP”** button is pressed before the session delay expires, the display will stop flashing and the session time will begin to count down. At one (1) minute, before the start of the tanning session, an audible beep will sound (if programmed in P02). At thirty (30) seconds, before the start of the tanning session, another audible beep will sound. At ten (10) seconds the audible beep will sound and continue once each second until tanning unit lights. Once the tanning unit has started, the session delay will not repeat on subsequent restarts.

### To Stop Unit

STEP 1: Press **“START/STOP”** anytime during a session. This will stop the countdown and hold time. To restart the unit simply press **“START”**.

### To Clear Time

STEP 1: Press **“RESET”**, the timer clears to read 00:00.

**NOTE:** If the unit is counting down, the **“START/STOP”** button must be pressed before resetting.

# Timer Edit Procedure

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## To Change Parameters

To enter the System's data bank, monitor operations and verify the vital functions concerning your unit, use the following step-by-step instructions. **Note:** Each timer manufactured after 1995 displays the current software version on power up. These instructions are for level 23 and above of the Intellitan Plus timer.

**Note:** Use the `st` located on the time button only.

## Enter Password Clearance

1. Press (at the same time) then release `st` buttons and hold for one second the display will change from 00:00 to 0000. If you cannot get the display to change to 0000, assure that you have disconnected the network cable(s) from the timer. If power to the tanning unit is not cycled on/off after disconnecting the network cable, you must wait for thirty seconds for the timer to award access the above mentioned buttons.
2. Press the “**RESET**” button once so that 0000 begins to flash.
3. Use the `s` button to enter the appropriate password to perform the desired function. Password 0010 (ten) must be entered to view parameters, and 0102 (one hundred and two) to edit parameters. After entering the password press the “**RESET**” button. The display will stop flashing and 0001(level one) or 0002 (level two) will appear in the display.
4. Press the “**START/STOP**” button to enter parameter mode, then press `s` button to reach the desired parameter. If you go past a parameter you may press the `t` to return to the desired parameter. Each time a button is pressed the timer will display **PXX** (XX represents numbers) representing the parameter reached and the display will change showing the value of the parameter.
5. If you are using the second level password, press the “**RESET**” button to edit the parameter (once the “**RESET**” button is pressed the display will begin to flash). Use either the `t` or `s` button to set the appropriate value for the parameter, then press “**RESET**” to exit the parameter.
6. Press the appropriate `t` or `s` button to reach another parameter. Press the button “**START/STOP**” to exit the edit parameter mode.

# Parameter Detail

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**P02** Parameter 2 is the chime mechanism that provides an audible 'beep' sound when the keys are depressed and to indicate the various operations occurring. The audible beep can be turned on or turned off. The unit comes with the chime mechanism turned on to provide an audible beep.

When parameter 02 is shown, the display will read 0001. To maintain the chime mechanism, press the **s** now and go to **P03**. To silence it, do the following:

## **To Change Parameter 2, Alarm On/Off**

Press “**RESET**” once then release it. The display will begin to flash. Press **t** and hold it down, scrolling down to 0000. Now press “**RESET**” once again. The chime is now deactivated. To reactivate the chime, change parameter 02 back to 0001 using the same instructions provided above.

Now press **s** to reach **Parameter 3 (P03), the Fan Delay or Post Session Cooling**.

**P03** Parameter 3 is the fan delay. The fan delay maintains proper cooling of the tanning unit by continuing to provide power to the cooling fans for a programmable amount of time after you enter the System's data bank, monitor operations and verify the vital functions concerning your unit, use the following step-by-step instructions. **Note:** Each timer manufactured after 1995 displays the current software version on power up. These instructions are for level 23 and above of the Intellitan Plus timer. The tanning session has completed. The unit comes with the fan delay preprogrammed at one (1) minute. Certain salon conditions may warrant a higher fan delay to maintain proper cooling. The fan delay cannot be turned off.

When parameter 03 is shown, the display will read 1.0 representing one minute. To change the fan delay, do the following:

## **To Change Parameter 3, Fan Delay**

Press “**RESET**” once then release it, the display will begin to flash. Press either **s** or **t** to reach desired setting. Time is displayed from 1.0 to 5.0, with decimal representing tenths of a minute. **(Example: 1.5 equals 1 minute, 30 seconds)**. After setting the fan delay press “**RESET**” once then release it. The fan delay is now set.

Now press **s** to reach **Parameter 4 (P04), the Session Delay function**.

**P04** Parameter 4 is the session delay. The session delay allows a programmable amount of time at the beginning of a session to get ready for the tanning session. The tanning session time shown in the timer flashes during the session delay. The unit comes with no session delay preprogrammed.

## **To Change Parameter 4, Session Delay**

When parameter 04 is shown, the display will read 0.0 for no session delay. To change the session delay do the following:

Press “**RESET**” once then release it, the display will begin to flash. Now press **s** or **t** to reach the desired setting. Time is displayed from 0.0 to 10.0, with the decimal representing tenths of a minute **(Example: 2.5 = 2 minutes, 30 seconds)**. After reaching the desired setting, press “**RESET**” once and release it. Session delay is now set.

Now press **s** to reach **Parameter 5 (P05), the Station Address function**.

# Parameter Detail

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**P05** Parameter 5 is the station address. The station address allows the tanning unit to be identified for interface with the CCS series controllers, the Intellititan Single Station Console, or the Intellititan Protocol Interface (IPI) for your computer system. The unit comes with a station address of zero (0) preprogrammed, if you have multiple units each must be uniquely addressed.

## **To Change Parameter 5, Station Address**

When parameter 05 is shown, the display will read 0000 for station address zero. To change the station address, do the following:

Press “**RESET**” once and release it, the display will begin to flash. Now press **s** or **t** to reach desired address setting. Once the desired setting is reached press “**RESET**” once and release it. The station address is now set.

Now press **s** to reach **Parameter 6 (P06), the Lamp-Hour Accumulation on Current Lamp Bank** function.

**P06** Parameter 6 is the lamp hour accumulation counter. The lamp hour accumulation counter keeps track of the number of hours on the current lamp bank. This is a resettable parameter that should be reset to 0 when the lamps are changed. When current lamp hour accumulation reaches 1000, a beep will chime each time the unit is turned on, indicating that a lamp change is necessary. Chime will not sound if it has been turned off through parameter 2. Parameter 6 and 32 are only editable at password level 1.

When parameter 06 is shown, the display will read from 0000 to 9999. To clear the lamp hour accumulator, do the following:

## **To Clear Parameter 6, Lamp Hour Accumulation**

Press “**RESET**” once and release, the display will begin to flash. Now press and hold **t** until 0000 is displayed. When the display reads 0000 press “**RESET**” once and release. Lamp hour accumulation is now cleared.

Now press **s** once and release it to reach **Parameter 7 (P07), to measure A/C Voltage Phase A.**

**P07** Parameter 7 is the measurement of the A/C voltage on phase A. The A/C voltage will be immediately displayed from 0000 to 0200 volts, with 0120 as the nominal reading.

Now press **s** once and release it to reach **Parameter 8 (P08), to measure A/C Voltage Phase B.**

**P08** Parameter 8 is the measurement of the A/C voltage on phase B. The A/C voltage will be immediately displayed from 0000 to 0200 volts, with 0120 as the nominal reading.

Now press **s** and release it to reach **Parameter 9 (P09), to measure the Average Voltage on Phase A.**

**P09** Parameter 9 is the measurement of average A/C voltage on Phase A for the previous session, or current session if unit is energized. The reading is immediately displayed.

Now press **s** and release it to reach **Parameter 10 (P10) for measuring the average voltage on Phase B.**

# Parameter Detail

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**P10** Parameter 10 is the measurement of average A/C voltage on Phase B for the previous session, or current session if the unit is energized. The reading is immediately displayed.

Now press **S** and release it to reach **Parameter 11 (P11), the measurement of the unit's Operating Temperature.**

**P11** Parameter 11 is the measurement of the unit's internal operating temperature. The reading is immediately displayed. Measurement is in Fahrenheit.

Now press **S** and release it to reach **Parameter 12 (P12), the measurement of the unit's Ambient Temperature.**

**P12** Parameter 12 is the measurement of the units ambient or room temperature. The reading is immediately displayed. Measurement is in Fahrenheit.

Now press **S** once and release it to reach **Parameter 13 (P13), the Measurement of the units Average Operating Temperature.**

**P13** Parameter 13 is the measurement of the unit's average operating temperature during the previous session or current session if the unit is energized. The reading is immediately displayed. Measurement is in Fahrenheit.

Now press **S** once and release it to reach **Parameter 14 (P14), the measurement of the Average Ambient Temperature.**

**P14** Parameter 14 is the measurement of the average ambient or room temperature during a previous session or current session if the unit is energized. The reading is immediately displayed. Measurement is in Fahrenheit.

Now press **S** once and release it to reach **Parameter 15 (P15), the Clean Room Feature.**

**P15** Parameter 15 is the clean room feature. When on, the clean room feature will show all dashes (----) on the timer display at the end of each tanning session to show that the tanning unit needs to be cleaned. In network mode, no new time can be placed on the timer when the clean room indicator is displayed. To reset the clean room feature from the room, indicating that the room has been cleaned, press the **"RESET"** button twice in rapid succession. The unit comes with the clean room feature off.

## **To Change Parameter 15, Clean Room Feature**

Press **"RESET"** once then release it, the display will begin to flash. Now press **S** once to display 0001, then press **"RESET"** once and release it. The Clean Room Feature is now enabled. To disable the Clean Room Feature simply change parameter 15 back to 0000.

Now press **S** once and release it to reach **Parameter 16 (P16), The Econometer**

**P16** Parameter 16 is the Econometer. The Econometer measures the electrical cost to power unit for previous session or the current session if the tanning unit is active. The cost displayed is derived from the session cost per minute entered in P17. The reading is displayed immediately. Measurement is in cents and tenths of a cent. This function is read only and can not be changed. **(Example - A reading of 10.7 would equal 10.7 cents).** Now press **S** once and release it to reach **Parameter 17 (P17), Cost Per Session.**

# Parameter Detail

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**P17** Parameter 17 is the session cost per minute. This figure is automatically entered into the tanning unit's data bank in accordance with the National Average of 7.5¢ per kilowatt hour. The formula used is  $\text{Unit Kwh Draw} \times \text{National Average} / 60 \text{ minutes} = \text{cost per minute}$ . In the case of the 232G this is  $3.1 \times 7.5 / 60 = 0.388$  rounded up to .4 cents per minute.

## To Change Parameter 17, Cost Per Minute

Press “**RESET**” once then release it, the display will begin to flash. Now press **s** or **t** until the desired cost per minute is displayed. Measurement in cents and tenths of a cent. ( **Example. A reading of .4 would equal four tenths of one cent**). Once the desired reading is displayed press “**RESET**” once and release it. The Cost Per Minute is now set.

Now press **s** once and release it to reach **Parameter 18 (P18), The Session Counter**.

**P18** Parameter 18 is the Session Counter. The session counter displays the total number of times a session has been started since first day of operation. The session counter counts from 0000 to 9999 then rolls over. The session counter cannot be adjusted or reset.

Now press **s** once and release it to reach **Parameter 19 (P19), Total Hour Accumulation**.

**P19** Parameter 19 is the total hour accumulator. This accumulator displays the total number hours on the unit since first day of operation. The accumulator counts from 0000 to 9999 then rolls over. The total hour accumulator cannot be adjusted or reset.

Now press **s** once and release it to reach **Parameter 24 (P24), Continuous Countdown Mode**.

**Note: Parameters 20-23** are reserved for factory use.

**P24** Parameter 24 is the continuous countdown mode toggle. The default is 0 for disabled. The continuous countdown mode allows the salon owner to maintain a tighter schedule by disabling the pause function of the timer thus allowing the tanning time to continue to count down even if the lamps are turned off by pressing the start/stop key. This feature is only available with software level 16 or higher.

## To Change Parameter 24, Continuous Countdown Mode

Press “**RESET**” once then release it, the display will begin to flash. Now press **s** until 0001 is displayed press “**RESET**” once and release it. Next cycle the power to the timer and tanning unit off and back on. The Continuous Countdown Mode is now enabled. To disable this function change parameter 24 back to 0000.

Now press **s** once and release it to reach **Parameter 25 (P25), Keylock Configuration**.

**P25** Parameter 25 is the keylock configuration option. The default is 3 for 30 seconds. The keylock configuration option allows the salon owner to maintain a higher sense of security by locking out the front rail keys in several specified intervals while the timer is connected to a network. This feature is only available with software level 16 or higher. The keylock intervals are:

- 0 - Lock keys and release only when power cycled.
- 1 - Lock keys and release only when parameter is changed to an option other than 01.
- 2 - Lock keys and release only after the network cable has been removed for 2 minutes.
- 3 - Lock keys and release only after the network cable has been removed for 30 seconds.

**WARNING:** If you set parameter 25 to 01 (Lock until parameter changed) you will be unable to change this parameter or unlock the front rail keys without the use of a CCS-1 or other control device. The Intellitan Protocol Interface (IPI) does not edit this or any other parameter.



# Parameter Detail

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## To Change Parameter 25, Keylock Configuration

Press “RESET” once then release it, the display will begin to flash. Now press **s** until the desired option 0,1,2,3 is displayed, press “RESET” once and release it. Next cycle the power to the timer and tanning unit off and back on. The Keylock Configuration is now saved.

Now press **once** and release it to reach **Parameter 26 (P26), TPI Interface Enable.**

- P26** Parameter 26 is the Third Party Interface (TPI) Mode toggle. The default is 0 for disabled. The Intellititan Plus timer has a TPI jack built in to the timer itself. This jack replaces the need for a second or additional interface when using other timer systems. The TPI jack is located next to the two network jacks on the top of the tanning unit (under the hinge cover). It is the larger of the three jacks and comes with a unused modular plug in the jack. When using the Intellititan Plus timer in TPI mode the Intellititan Plus looks for control voltage (5-30v) on the outside two wires of the modular cable plugged into the TPI port. When this voltage is seen, the maximum tanning time is sent to the timer and the tanning unit is started. Any session delay should be programmed on the third party timer and the Intellititan session delay should be set to 0. The front rail keys are locked in TPI mode. This feature is only available with software level 16 or higher.

## To Change Parameter 26, TPI Mode

Press “RESET” once then release it, the display will begin to flash. Now press **s** until 0001 is displayed, press “RESET” once and release it. Next cycle the power to the timer and tanning unit off and back on. The TPI Mode is now enabled. To disable this function change parameter 26 back to 0000.

Now press **s once** and release it to reach **Parameter 27 (P27), Timer Protocol Option.**

- P27** Parameter 27 is the Timer Protocol Option. The default is 0 for Intellititan Protocol. The timer protocol option allows the salon owner to change timer network protocols from the Intellititan Network to the T-Max<sup>(1)</sup> protocol for use with the Applied Digital T-Max Manager. For additional information please consult the T-Max documentation. This feature is only available with software level 16 or higher.

## To Change Parameter 27, Timer Protocol Option

Press “RESET” once then release it, the display will begin to flash. Now press **s** until 0001 is displayed, press “RESET” once and release it. Next cycle the power to the timer and tanning unit off and back on. The T-Max Protocol is now on. To turn off this function change parameter 27 back to 0000 using the parameter edit instructions in the T-Max documentation. You can not use a CCS-1 or IPI with a timer using T-Max Protocol.

Now press **s once** and release it to reach **Parameter 28 (P28), Total Operating Cost.**

- P28** Parameter 28 is the Total Operating Cost Accumulator. This parameter tracks total operating costs of the tanning unit based upon parameter 17, session cost per minute. This parameter is displayed in dollars and tenths and rolls over at \$999.9. The Total Operating Cost Accumulator can be reset to 0 at anytime in order to track or determine daily, weekly, monthly, quarterly, or annual operating costs.

## To Change Parameter 28, Total Operating Cost

Press “RESET” once then release it, the display will begin to flash. Now press **t** until 0000 is displayed, press “RESET” once and release it. The Total Operating Cost is now reset to 0 and will begin accumulating at the next session.

# Parameter Detail

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**P34** Parameter 34 is additional lamp hour accumulation counter. Since the unit uses two different lamp types. This parameter in conjunction with parameter six (60) will allow you to track and monitor each lamp type individually. In addition to other parameters which have to be set during installation, it is important that P34 be set to one (1) to start the accumulator (factory default is zero). If P34 is not set to one the accumulator will not start. The lamp hour accumulator counter keeps track of the number of hours on the current lamp bank. This is a resettable parameter that should be reset to 1 when the lamps are changed. When current lamp hour accumulation reaches 1000, a beep will chime each time the unit is turned on, indicating that a lamp change is necessary. Chime will not sound if it has been turned off through parameter 2. Parameters 6, 34, are only editable at password level 1.

When parameter 34 is shown, the display will read from 0000 to 9999. To clear the lamp hour accumulator, so the following:

To Clear Parameter 34, Lamp Hour Accumulation

Press "Reset" once and release, the display will begin to flash. Now press and hold the  $\pm$  until 0001 is displayed. When the display reads 0001 press "Reset" once and release. Lamp hour accumulation is now cleared.

Now exit parameter mode by pressing "Start/Stop" until display reads 00:00. Any remaining parameters are for future expansion and are not used at this time.

**NOTE:** Your Tanning System can easily be adapted for front desk and/or remote operation. Contact Sun Ergoline or your factory representative for more information on the Intellitan series of bed controllers.

T-Max is a registered trademark of Salon Systems, Inc./Applied Digital, Inc. Branson, MO.

# General Troubleshooting Guide

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

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

## General Troubleshooting (Section A)

1. Tanning unit does not operate.

### CAUSE

1. No power to unit.
2. Timer is not activated.

### SOLUTION

1. Check circuit breaker servicing bed.
2. Press up button, then start button.

(Note: If there is power to the unit but the display on the timer is not lighting, you may need to replace the power board and/or the C.P.C. board. Contact Sun Ergoline or your local representative for information.)

2. Lamps will not light or lamps flicker.

### CAUSE

1. Lamp not seated properly in lampholder.
2. Faulty Lamp.

### SOLUTION

1. Remove lamp, inspect contact on lamp, and reinstall lamp securely into lampholder.
2. Replace lamp. (Refer to Instruction Manual for correct lamp.)

3. Top unit does not hold its position.

### CAUSE

1. Springs need to be adjusted.

### SOLUTION

1. Refer to spring adjusting in your Operation and Instruction Manual.

## General Troubleshooting (Section B)

All services in the following section are to be completed by a Qualified Service Technician. This section is to aid in isolating and correcting and problems which may occur and is not intended for the use by the owner. Refer to the assembly instructions included with each unit for reference in disassembling and wiring the tanning unit. Disconnect all power to the unit before servicing. Use only factory authorize components for replacement parts.

1. Tanning unit does not operate.

### CAUSE

1. Incorrect connection of incoming power.
2. Faulty timer.
3. Faulty relay in bed.
4. Poor wiring connections.

### SOLUTION

1. Check electrical connection on wiring diagram and correct as necessary.
2. Replace.
3. Replace.
4. Check wiring circuit against appropriate wiring diagram and correct as required.

2. Lamps will not light.

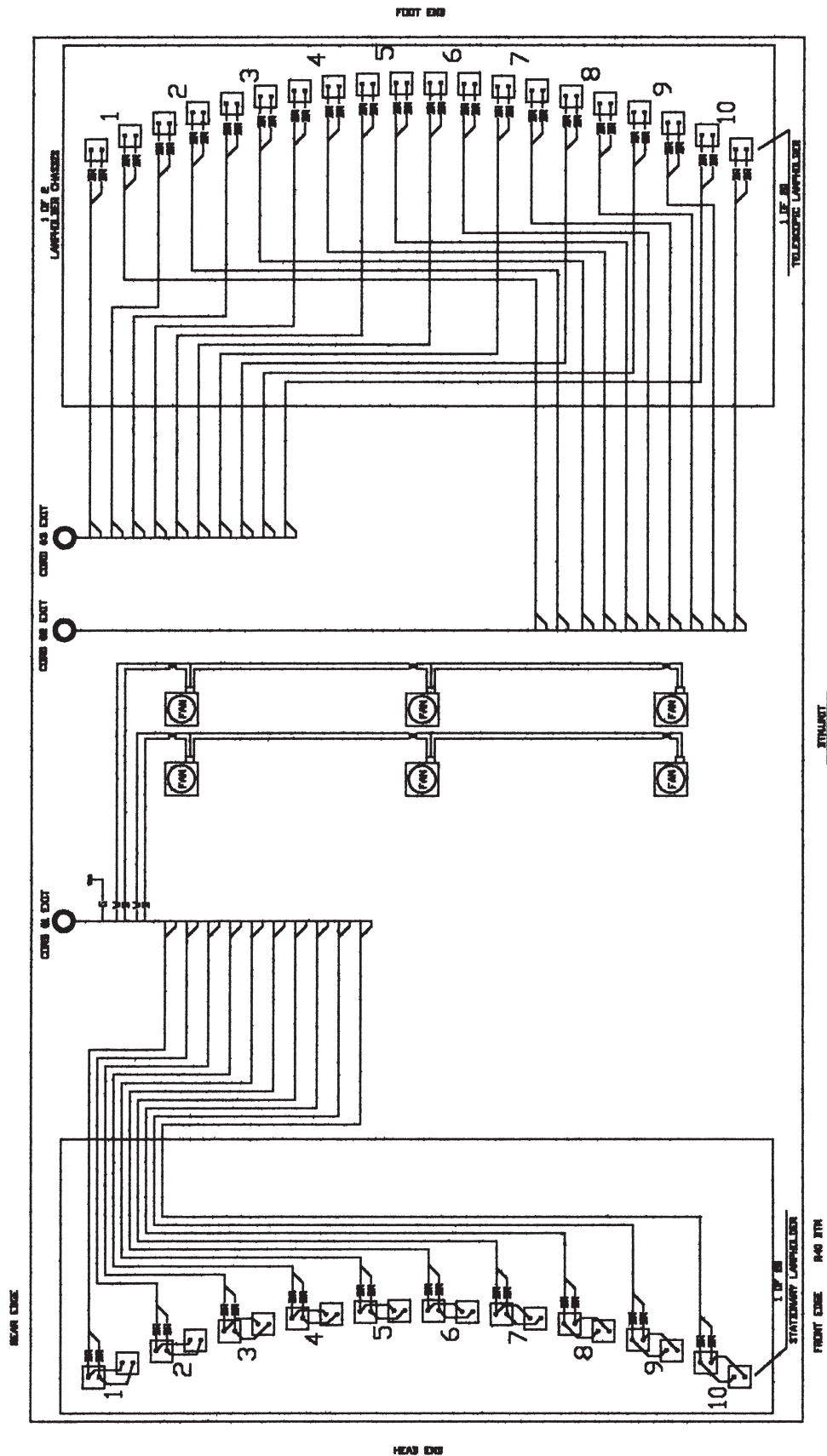
### CAUSE

1. Poor wiring crimp at lampholder.
2. Faulty or damaged lampholder.
3. Incoming power to unit incorrect.
4. Faulty ballast.
5. Loose power wire to ballast.

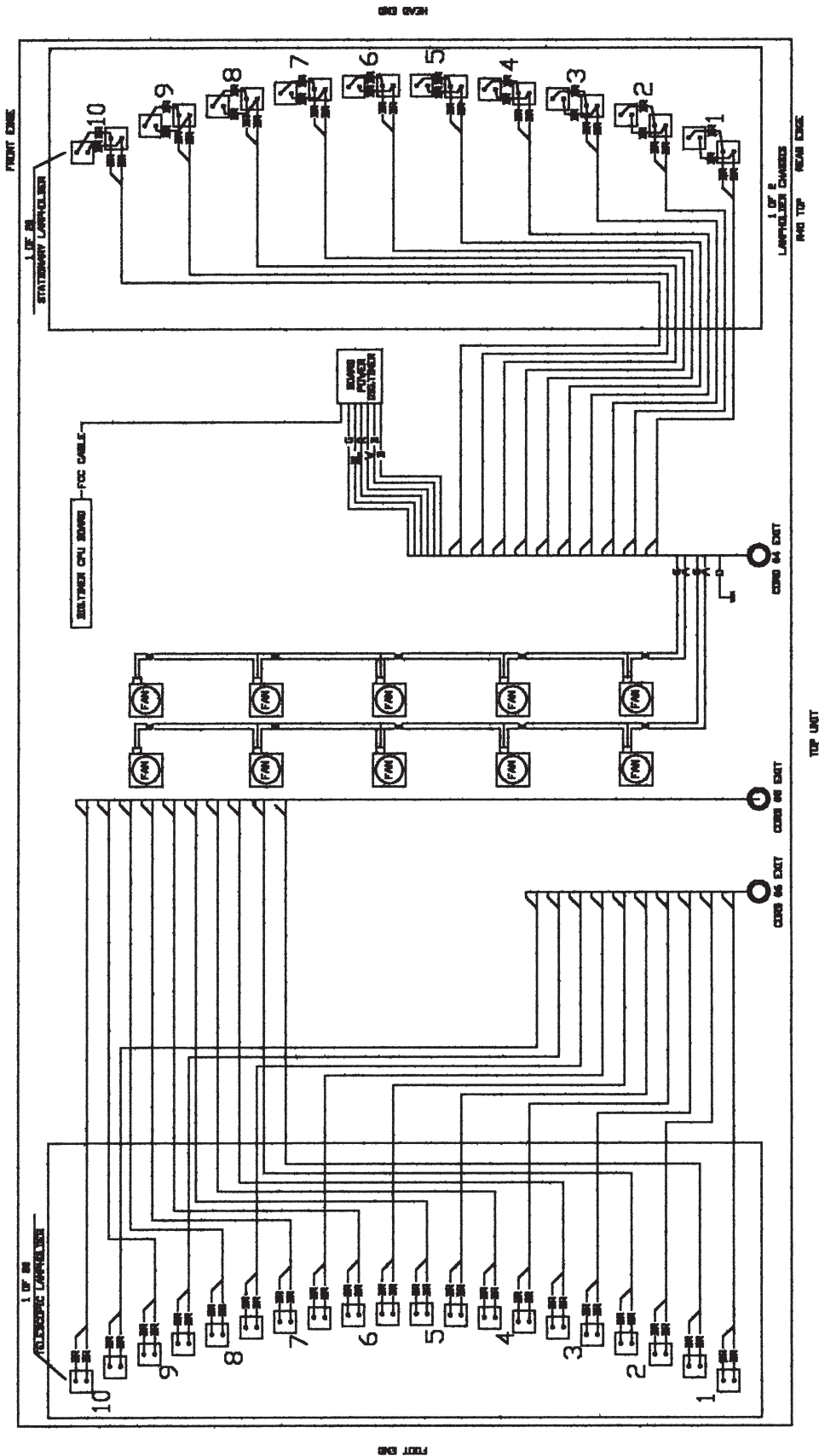
### SOLUTION

1. Check for loose wire and repair.
2. Replace.
3. Check incoming voltage and correct to requirements.
4. Locate and replace.
5. Locate loose wire and repair.

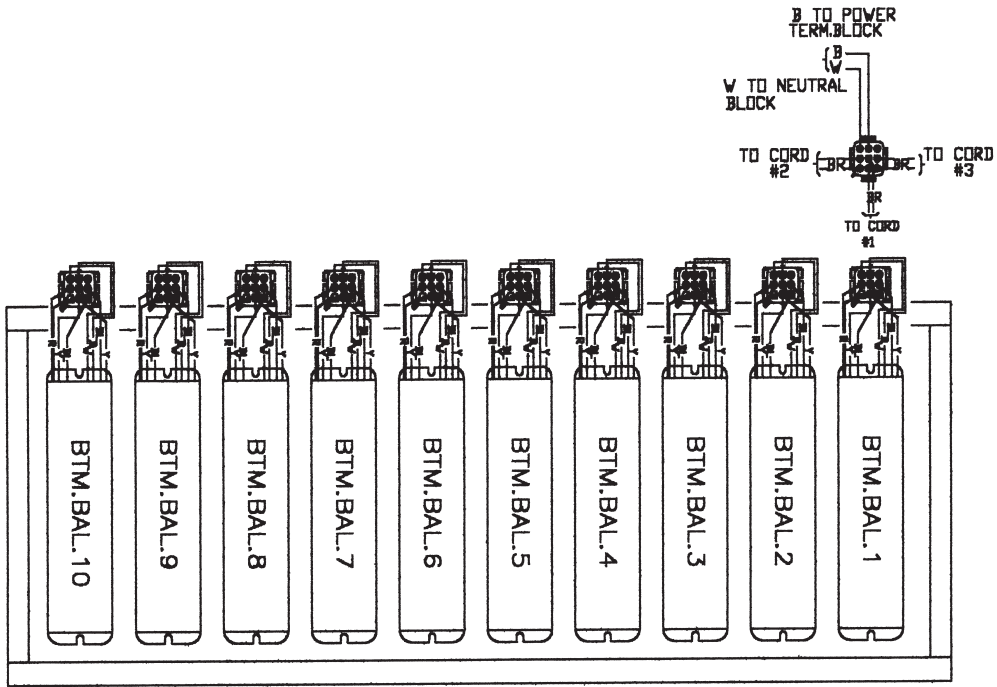
# Wiring Diagram



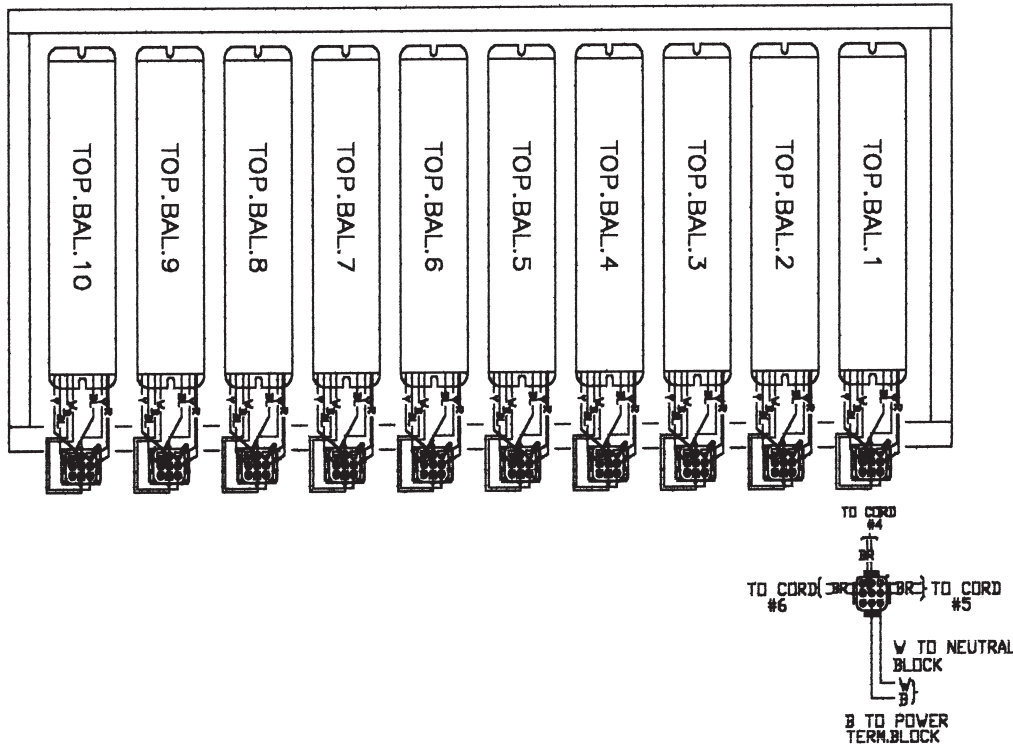
# Wiring Diagram



# Wiring Diagram

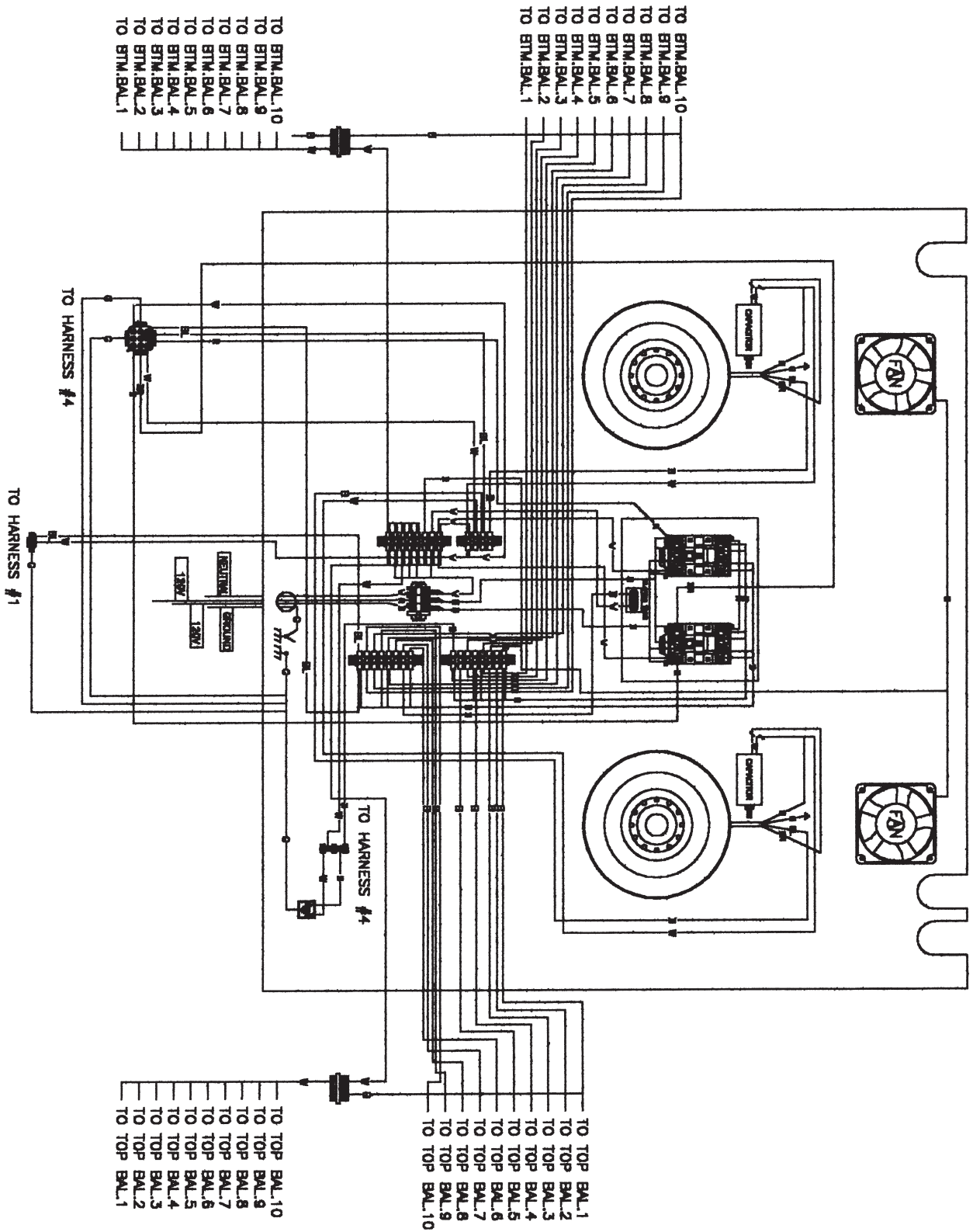


TYP. BALLAST WIRING  
FOR BTM BALLAST 1-10.



TYP. BALLAST WIRING  
FOR TOP BALLAST 1-16.

# Wiring Diagram





# Bed Cords

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## Bottom Unit: Cord No. 1, 2, & 3

<u>Pair No.</u>	<u>Wire Color</u>	<u>Pin #</u>
1	Brown	1
1	Brown	2
2	Brown	3
2	Brown	4
3	Brown	5
3	Brown	6
4	Brown	7
4	Brown	8
5	Brown	9
5	Brown	10
6	Brown	11
6	Brown	12
7	Brown	13
7	Brown	14
8	Brown	15
8	Brown	16
9	Brown	17
9	Brown	18
10	Brown	19
10	Brown	20
Fan	White	34
Fan	Green	35
Fan	Blue	36

Note: Cords 2 & 3 don't have any timer or fan wires.

## Top Unit: Cord No. 4, 5 & 6

<u>Pair No.</u>	<u>Wire Color</u>	<u>Pin #</u>
1	Brown	1
1	Brown	2
2	Brown	3
2	Brown	4
3	Brown	5
3	Brown	6
4	Brown	7
4	Brown	8
5	Brown	9
5	Brown	10
6	Brown	11
6	Brown	12
7	Brown	13
7	Brown	14
8	Brown	15
8	Brown	16
9	Brown	17
9	Brown	18
10	Brown	19
10	Brown	20
Cebus	Black	21
Cebus	White	22
Timer	Black	23
Timer	Brown	24
Timer	White	25
Timer	Green	26
Timer	Blue	27
Timer	Red	28
Blower	Black	29
Blower	White	30
Blower	Yellow	31
Fan	White	34
Fan	Green	35
Fan	Blue	36
Blower	White	37

Note: Cords No. 5 & 6 don't have any fan wires.

# Ballast Tray

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## Harness Cord #1

<u>Pin #</u>	<u>Color</u>	<u>Destination</u>
1-2	Brown	To Bal. 1 Btm.
3-4	Brown	To Bal. 2 Btm.
5-6	Brown	To Bal. 3 Btm.
7-8	Brown	To Bal. 4 Btm.
9-10	Brown	To Bal. 5 Btm.
11-12	Brown	To Bal. 6 Btm.
13-14	Brown	To Bal. 7 Btm.
15-16	Brown	To Bal. 8 Btm.
17-18	Brown	To Bal. 9 Btm.
19-20	Brown	To Bal. 10 Btm.
34	White	To Neutral Term. Block
35	Green	To Ground Screw
36	Blue	To Fan Term. Block

## Harness Cord #2 & #3

<u>Pin #</u>	<u>Color</u>	<u>Destination</u>
1-2	Brown	To Bal. 1 Btm.
3-4	Brown	To Bal. 2 Btm.
5-6	Brown	To Bal. 3 Btm.
7-8	Brown	To Bal. 4 Btm.
9-10	Brown	To Bal. 5 Btm.
11-12	Brown	To Bal. 6 Btm.
13-14	Brown	To Bal. 7 Btm.
15-16	Brown	To Bal. 8 Btm.
17-18	Brown	To Bal. 9. Btm.
19-20	Brown	To Bal. 10 Btm.

## Harness Cord #4

<u>Pin #</u>	<u>Color</u>	<u>Destination</u>
1-2	Brown	To Bal. 1 Top
3-4	Brown	To Bal. 2 Top
5-6	Brown	To Bal. 3 Top
7-8	Brown	To Bal. 4 Top
9-10	Brown	To Bal. 5 Top
11-12	Brown	To Bal. 6 Top
13-14	Brown	To Bal. 7 Top
15-16	Brown	To Bal. 8 Top
17-18	Brown	To Bal. 9 Top
19-20	Brown	To Bal. 10 Top
21	Black	To Btm. Relay Power
22	White	To Neutral Term. Block
23	Black	To Btm. Relay Power
24	Brown	To Top Relay Power
25	White	To Neutral Term. Block
26	Green	To Ground Screw
27	Blue	To Fan Term. Block
28	Red	To Btm. Relay Coil
29	Black	To Body Blower
30	White	To Body Blower
31	Yellow	To Body Blower
34	White	To Neutral Term. Block
35	Green	To Ground Screw
36	Blue	To Fan Term. Block
37	White	To Body Blower

## Harness Cord #5 & #6

<u>Pin#</u>	<u>Color</u>	<u>Destination</u>
1-2	Brown	To Bal. 1 Top
3-4	Brown	To Bal. 2 Top
5-6	Brown	To Bal. 3 Top
7-8	Brown	To Bal. 4 Top
9-10	Brown	To Bal. 5 Top
11-12	Brown	To Bal. 6 Top
13-14	Brown	To Bal. 7 Top
15-16	Brown	To Bal. 8 Top
17-18	Brown	To Bal. 9 Top
19-20	Brown	To Bal 10 Top

# Important Note

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## **PREVENTIVE MAINTENANCE SCHEDULE**

Your Performance Tanning System consists of many movable parts that may require periodic adjustments and/or replacement.

It is imperative that you, the owner and/or operator, check all components for any signs of wear which may occur through normal use.

The frequency of your preventive maintenance schedules should be determined according to equipment usage. The minimum of a monthly inspection of all components is a good guideline, however, actual frequency and thoroughness of inspections is your responsibility.

Should you require any assistance or need additional information, please call our Service Department at **1-800-445-0624, Monday through Friday 8:00 a.m. -5:00 p.m. CST**

## **REPAIRS-SERVICE-REPLACEMENT PARTS AND LAMPS-EYE PROTECTION**

If you are in need of any of the above mentioned products or services, you should contact the dealer/distributor through whom you purchased your unit. In the event that you are unable to do so, please call our Service Department for assistance at: **1-800-445-0624**.

NOTE: All repairs and replacement components including, but not limited to, protective eyewear, lamps, timers, acrylic and reflectors must be in compliance with CFR 21 1040.20.

# Sun Ergoline

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## Limited Warranty

Sun Ergoline warrants its products to be free from defects in materials and workmanship under intended normal use as described in the unit's Operation and Instruction Manual, for a period of one (1) year from date of sale.

This Limited Warranty applies only to the original purchaser of the equipment through Sun Ergoline or its authorized dealer or distributor, and is not transferable.

Sun Ergoline obligations under this warranty are limited to repair or replacement of any defective part without charge for that part to the original purchaser, with the following exceptions:

- A. Fluorescent lamps are warranted against defects for a period of thirty (30) days from date of sale.
- B. Only parts obtained through Sun Ergoline, its authorized dealers or distributors may be used. Transportation costs for parts shipped to the consumer and the return of defective parts to Sun Ergoline are not included.
- C. Labor will be furnished without charge for ninety (90) days from date of purchase only. All labor and related charges must be authorized by Sun Ergoline prior to start of repairs, and must coincide with Sun Ergoline established rates and time allotment policy.
- D. Acrylic: Refer to Manufacturer's Acrylic Warranty Policy.

It is imperative that the original customer completes and returns the enclosed warranty card within 10 days after purchase to insure valid registration and coverage for potential claims.

If the warranty card is not registered, proof of purchase from Sun Ergoline or its authorized dealer or distributor will be required prior to any consideration on warranty claims. This could result in service delays.

This warranty is extended to the individual or legal entity, whose name appears on the warranty registration card filed with Sun Ergoline or whose name appears on the original sale document and may not be transferred to any other individual or legal entity.

This warranty does not apply to any failure of the product, or any parts of the product due to alterations, modifications, misuse, abuse, accident, improper maintenance, improper installation, acts of God or if the serial number on the product has been removed, altered or defaced. Adequate packaging must be used for returned goods to prevent freight damage.

**THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. THERE IS NO EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY.**

**THE REMEDIES PROVIDED IN THIS LIMITED WARRANTY ARE THE EXCLUSIVE REMEDIES PROVIDED TO THE PURCHASER BY SUN ERGOLINE AND ARE PROVIDED IN SUBSTITUTION OF ALL OTHER REMEDIES - CONSEQUENTIAL AND INCIDENTAL DAMAGES ARE EXCLUDED.**

No person, firm or corporation is authorized to obligate Sun Ergoline for any liability in connection with the sale or use of these goods.

# Limited Acrylic Warranty

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Sun Ergoline warrants its acrylic sheets to be free from defects in material and workmanship, under intended normal use, for a period of one (1) year from date of sale of the tanning bed. Due to the tanning lotions, cosmetics, disinfectant and improper cleaners used on tanning surfaces that cannot be controlled by Sun Ergoline, after the first thirty (30) days of warranty period. Acrylic will be subject to a prorated cost to the consumer on breakage.

Sun Ergoline obligations do not include transportation charges on replacement acrylic.

Sun Ergoline assumes no liability for the cost of removing defective sheets or installing replacement sheets, nor for damage to persons or property.

To make a claim, contact an authorized dealer or distributor of Sun Ergoline or Sun Ergoline Service Department with the model number, the serial number, and the date of purchase of the bed in which the acrylic will be used.

**THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. THERE IS NO EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY.**

**THE REMEDIES PROVIDED IN THIS LIMITED WARRANTY ARE THE EXCLUSIVE REMEDIES PROVIDED TO THE PURCHASER BY SUN ERGOLINE AND ARE PROVIDED IN SUBSTITUTION OF ALL OTHER REMEDIES - CONSEQUENTIAL AND INCIDENTAL DAMAGES ARE EXCLUDED.**

**Sun Ergoline**  
P.O. Box 2026  
Jonesboro, Arkansas 72402  
1-800-445-0624  
870-935-1130 (in Arkansas)

# Warranty Claims

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## Policy & Procedures

### 1. When to file a Warranty Claim:

In the event that your tanning system is not functioning properly under intended normal use as described in the unit's Operation and Instruction Manual, you may then have established cause to file a Warranty Claim.

**NOTE:** Both the tanning system and legal registered owner must meet the criteria established under Sun Ergoline Limited Warranty as described in this manual before any Warranty Claim will be considered.

### 2. Where to call to place a Warranty Claim:

Sun Ergoline is supported nationwide by an extensive dealer/distributor network through whom the majority of our units are sold. These dealers/distributors are required by contract to stock sufficient parts to meet the various warranty and nonwarranty needs of their customers.

Therefore, in order for you to properly file a Warranty Claim, you must locate the name and phone number of the dealer/distributor through whom you purchased your unit. Normally this information can be easily located either on your paid invoice or other proof of purchase documentation that you received when taking delivery of the unit.

Next, notify the dealer/distributor of the serial number, model number and date unit was purchased. This will initiate the Warranty Claim process.

Upon determination of the problem, your dealer/distributor can then supply you with the part(s) and proper instructions to return your unit to working order.

Each dealer/distributor has their own internal procedure for handling Warranty Claims and credits.

**NOTE:** Sun Ergoline, the manufacturer, does not involve itself in the direct handling of a Warranty Claim except where mitigating circumstances apply and where required by law.

# Parts Warranty Claim/Credit Review

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1. Customer calls Sun Ergoline and notifies the Service Department of problem.
2. Sun Ergoline Service Department determines course of action.
3. Sun Ergoline ships part and R.A.I. to customer freight collect and bills customer on net30 basis for part only.
4. Customer, within 15 days of receiving new part, returns defective part to Sun Ergoline along with R.A.I.
5. Upon receipt of defective part and R.A.I., Sun Ergoline issues customer a credit invoice which offsets original bill. Customer's account is returned to zero balance concerning this claim.

**NOTE:** If part returned to Sun Ergoline proves to be operational and not defective, or if product code numbers on part do not correspond with individual unit date on file with Sun Ergoline, then a 30% restocking fee will be charged in addition to the retail purchase price of part.

Acknowledgment of the Agreement is not required for acceptance of the foregoing stipulations.

## **LABOR WARRANTY CLAIM/CREDIT PROCEDURES**

Sun Ergoline furnishes labor without charge for a period of 90 days from date of purchase. All labor and related charges must be authorized by Sun Ergoline **prior** to start or repairs, and must coincide with Sun Ergoline established rates and time allotment policy.

Please contact our Service Department for authorization and billing procedures.

# Limited Lifetime Warranty

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Sun Ergoline warrants specific individual components of the Performance Tanning Systems against defects in materials and workmanship for the life of the product. Coverage is limited to units purchased after November 1, 1994.

This warranty is restricted by the following components only:

- Steel Back Panels
- Structural Steel Frame Components
- Exterior Steel Body

**NOTE:** Components are warranted on an individual basis and not as they may effect the complete product.

Warranty coverage does not include cosmetic abnormalities such as scratches, nicks, dents, oxidation of paint or other cosmetic changes that do not interfere with the designed function of the unit.

This warranty does not include failure of the product due to alteration, modifications, misuse, abuse, improper maintenance, improper installation or repair.

This warranty is not transferable and is only applicable to the original purchaser named on a completed and registered warranty record at Sun Ergoline headquarters.

Sun Ergoline obligations do not include transportation charged on the shipping of new components to the customer or on the return of defective components of the manufacturer. All freight charges must be paid by the customer.

**THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. THERE IS NO EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY.**

**THE REMEDIES PROVIDED IN THIS LIMITED WARRANTY ARE THE EXCLUSIVE REMEDIES PROVIDED TO THE PURCHASER BY SUN ERGOLINE AND ARE PROVIDED IN SUBSTITUTION OF ALL OTHER REMEDIES - CONSEQUENTIAL AND INCIDENTAL DAMAGES ARE EXCLUDED.**



***Notice: Any misuse, abuse, modification, alteration, improper maintenance, improper installation, etc. of this product or its intended use will subject said party to direct responsibility and liabilities for any and all consequences resulting from such action. Furthermore, such actions will void all warranties and may relieve Sun Ergoline of any liabilities relating to said product.***



