

Mandatory Reading

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

Remember:

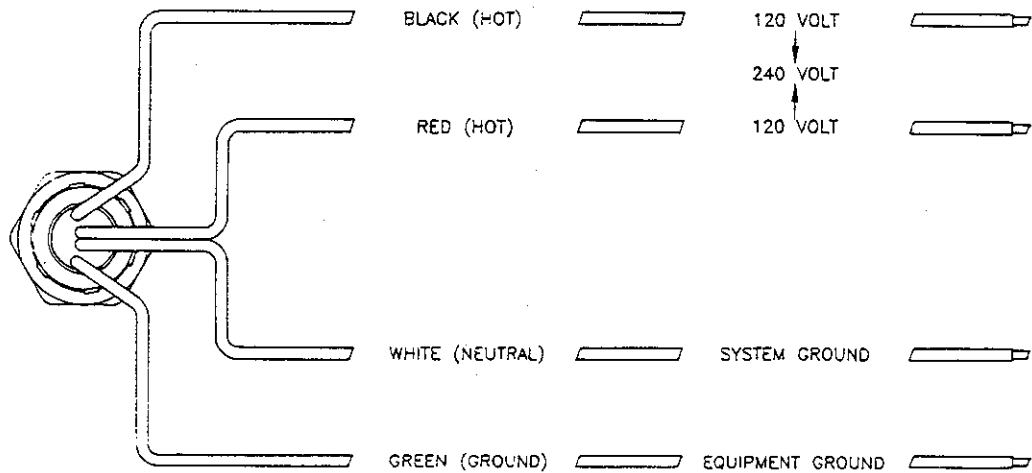
1. Follow the exposure schedule in accordance with your skin type. Failure to do so may result in overexposure.
2. A tanning system is not a toy. You cannot vary the strength of the lamps in your unit.

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

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

Thank you for your cooperation.

Wiring Diagram



CIRCUIT REQUIRED

120/240 VOLTS 1Ø 60 AMP
1/2" FLEXIBLE CONDUIT CONNECTION

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

Specifications

CD-52

LENGTH: 86"

WIDTH: 58"

HEIGHT: 42"

SHIPPING WEIGHT: Approximately 1250 Lbs.

NO. OF LAMPS: 52

ELECTRICAL: 42 AMPS @ 240 VOLTS

CIRCUIT REQUIRED: 120/208 VOLT, 1Ø 60 AMP

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 **BELLARIUM S SA1-10-100W; BELLARIUM SR RA1-12-160W; BELLARIUM VHO VH2-10-160W.**

LIE ON ACRYLIC SURFACE AND LOWER TOP SECTION. TOP SECTION WILL STOP AT 19 1/2 INCHES (495.3 MM) FROM BOTTOM ACRYLIC SURFACE. THE USE OF ANY OTHER POSITION MAY RESULT IN OVEREXPOSURE.

RECOMMENDED EXPOSURE SCHEDULE					
SKIN TYPE	WEEK 1	WEEK 2	WEEK 3	WEEK 4	WEEKLY
	1ST-3RD	4TH-6TH	7TH-10TH	11TH-15TH	SUBSEQUENT
	TREATMENTS	TREATMENTS	TREATMENTS	TREATMENTS	TREATMENTS
II - FAIR	3 MIN.	7 MIN.	15 MIN.	20 MIN.	20 MIN.
III - AVERAGE	3 MIN.	7 MIN.	15 MIN.	20 MIN.	20 MIN.
IV - BROWN	3 MIN.	10 MIN.	15 MIN.	20 MIN.	20 MIN.
V - DARK BROWN	3 MIN.	10 MIN.	15 MIN.	20 MIN.	20 MIN.

MAXIMUM EXPOSURE TIME IS 20 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 SUNLAMPS PRODUCTS UNDER CFR PART 1040."

Warnings and Cautions

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 of 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 rashing can be lessened or prevented by turning over occasionally during sessions on tanning unit, and by applying moisturizer lotion to the affected area after the tanning session is completed.

CAUTION

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

Care and Cleaning of Your Tanning Unit

After each session is completed, spray the acrylic surface with **SUNDASH Acrylic Cleaner**, a specially formulated UVT (ultra-violet transmitting) acrylic cleaner. Wipe the surface of the acrylic with a clean cloth.

The acrylic should never be wiped with a drycloth 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 **SUNDASH 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 cleaner that carry label warnings regarding reactions to contact with skin!

DO NOT USE ALCOHOL.

Electrical Safety:

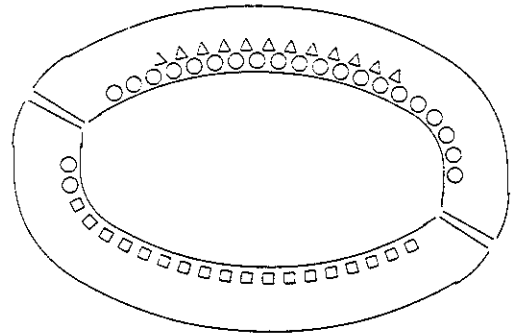
The tanning unit should be disconnected from the power supply before cleaning or disinfecting the inside of the acrylic. Avoid water or solution entering the lamp compartment.

Relamping Instructions

CD-52

1. Disconnect unit from power.
2. Remove acrylic from bottom unit. Locate 6, 1/4 turn fasteners on the front rail. With one person on each end of the top unit, have a third person using a flat head screw driver turn each fastener 1/4 turn counter clockwise. Remove strip. Then lower the front edge down approximately two (2) inches and slide the acrylic forward and liftout.
3. Push lamp toward footend of the unit to disengage lamp 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 the lamp will insert and properly seat the stationary lampholder at the head end of the bed.
5. Clean and replace acrylic sheet. To install acrylic slide the entire length of the rear edge of the acrylic into the groove between the back rail and the acrylic mounting strip. Flush the acrylic and the front rail, and mount the front acrylic mounting strip by aligning the holes in the rail with the 1/4 turn fasteners on the mounting strip. Attach the strip and turn each fastener 1/4 turn clockwise.
6. Reconnect unit to power.
7. Refer to Care and Cleaning Instructions for information on cleaning acrylic and ordering lamps.

- △ = The lamps indicated as a triangle are
Bellarium SR RAI-12-160W
- = The lamps indicated as a circle are
Bellarium VHO VH2-10-160W
- = The lamps indicated as a square are
Bellarium S SAI-10-100W



CAUTION:

Replacement lamps must comply with CFR21 1040.20.

A. Replace only with "Bellarium S SA1-10-100W, BELLARIUM SR RA1-12-160W, AND BELLARIUM VHO VH2-10-160W"

B. When ordering lamps, include model number and serial number.

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.

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 1ST-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.	15 MIN.	20 MIN.	20 MIN.
III - AVERAGE	3 MIN.	7 MIN.	15 MIN.	20 MIN.	20 MIN.
IV - BROWN	3 MIN.	10 MIN.	15 MIN.	20 MIN.	20 MIN.
V - DARK BROWN	3 MIN.	10 MIN.	15 MIN.	20 MIN.	20 MIN.

MAXIMUM EXPOSURE TIME IS 20 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

Since the back and stomach areas of the body will receive the majority of the tanning rays, it is recommended that individuals spend an equal portion of the session lying on each side of the body to achieve a full-bodied tan.

Since your tanning unit will cast off some heat, it is recommended that a small fan be used to improve air circulation during sessions. Likewise, adequate **ventilation** of the room or booth housing the tanning units is required for comfortable operation.

It is recommended that you do not use any creams, oils or lotions, (particularly

suntan lotions) that are not recommended by Sun Industries, Inc. 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.

Disassembly/Assembly Instructions

Step 1

Remove entire crate and packaging from around the unit, leaving only the bottom pallet.

Step 2

With top unit in closed position remove leg hinge cover by removing two (2) number six (6) screws from both sides. Then lift the hinge cover straight up and set aside for reassemble.

Step 3

Raise top unit to its **FULL UPRIGHT POSITION** with at least one (1) person holding up each end of the top unit have a third person remove the eight (8) 5/16" nylock nuts and washers from the hinge mounting bracket. Set top aside for reassemble later.

NOTE: Top unit weighs approximately 275 lbs.

Step 4

Remove the four (4) 1/4" nuts and washers that hold the bottom unit onto the legs. With at least one person on each side lift bottom unit straight up and set aside for reassemble later.

Step 5

Remove the four (4) 1/4" x 20 x 1 thru head bolts from the electrical panel. Remove the electrical panel being careful not to snag any wires. Set aside for reassembly later.

Step 6

Remove the ballast trays from the bottom H frames. By sliding them out the front. Set them aside for reassemble later.

Step 7

Remove Six (6) 1/4 x 20 x 1" thru head bolts from the bottom H frame. Remove the H frame and place it on the floor in the room where the bed is to be assembled.

Step 8

Place the legs on both sides of the H frame and start reversing the process.

Step 9

Using the six (6) 1/4x20x1" thru head bolts, attach the legs to the H frame.

Step 10

Slide the ballast trays back into the channels on the H frame so the number on the tray matches the number in the slot.

Step 11

Attach the electrical panel to the back of the legs using the four (4) 1/4x20x1" thru head bolts.

Step 12

Attach the electrical panel plug in each individual ballast. The number on the ballast coincides with the number on the connector. (i.e. Ballast T1 will plug into plug/cord T1)

Note: The ballast plugs are numbered. The first letter on the ballast and cord represent Top or Bottom, and the number represents the ballast.

Disassembly/Assembly Instructions

Step 13

With at least one person on each end of the top unit lift into position so that the bolts protruding out of the back panel align through the slots on mountin bracket of the leg assembly.

Step 14

Attach top unit to the leg mounting brackets using the eight (8) 5/16" nylock nuts and washers previously removed.

NOTE: Top unit must be secured tightly against the forward position of the slots in the leg mounting brackets.

Step 15

After attaching top unit lower to the fully closed position the front rail at the closest most point should be 18 1/2" from the floor. If not adjust the four (4) adjustment bolts located on the bottom of the hinge by turning in either direction until the desired distance is reached.

Step 16

Lift bottom unit into position over leg assemblies careful not to pinch the bed cords in-between the bottom unit and legs.

Step 17

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

Step 18

Locate bed cord number one (1), align with receptacle labeled number one (1) , and twist clockwise until locked. Repeat procedure for bed cords 2 through 6.

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

Step 19

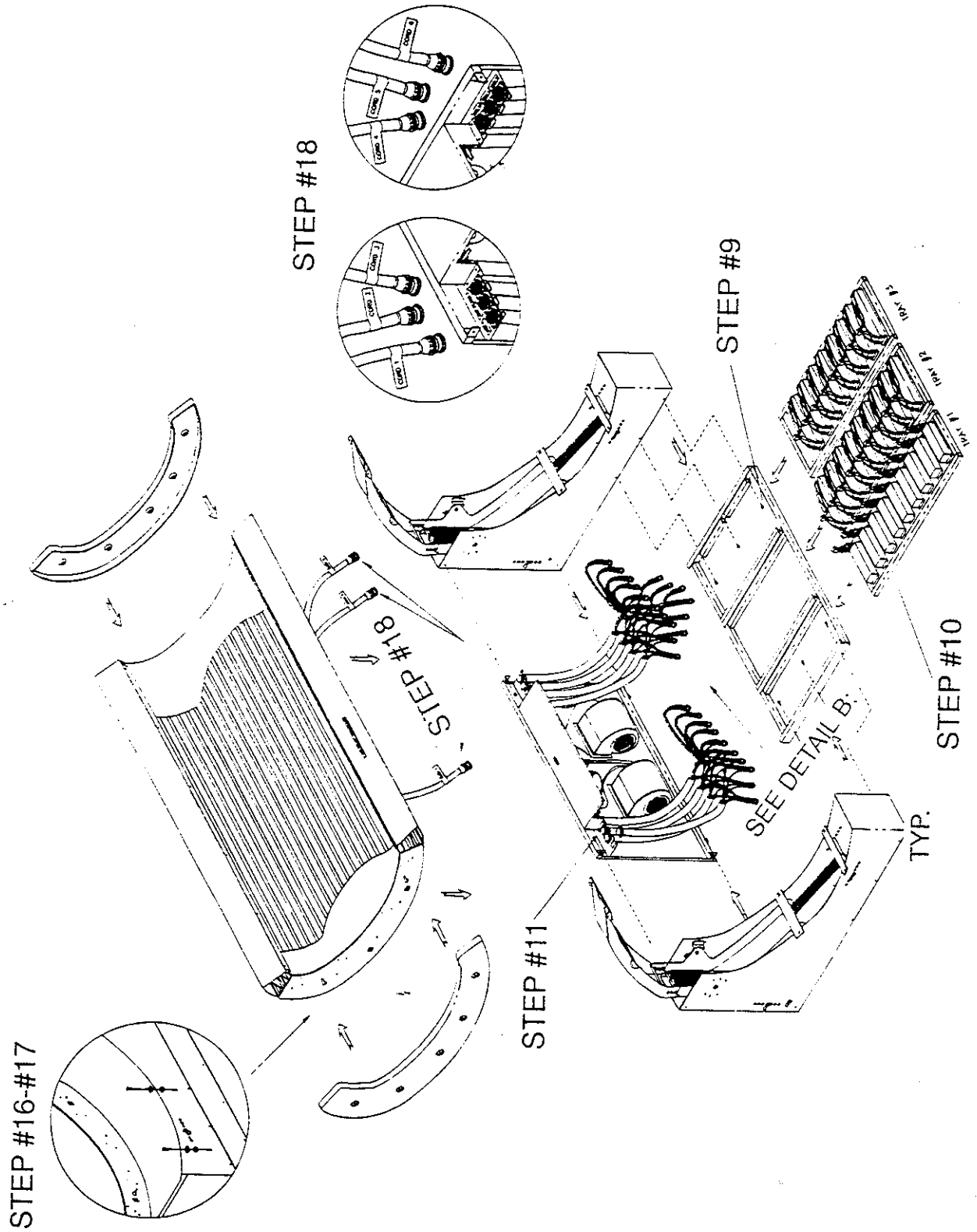
Attach hinge/fan cover by aligning the cover directly over the hinge brackets and attaching four (4) number six (6) screws previously removed.

Step 20

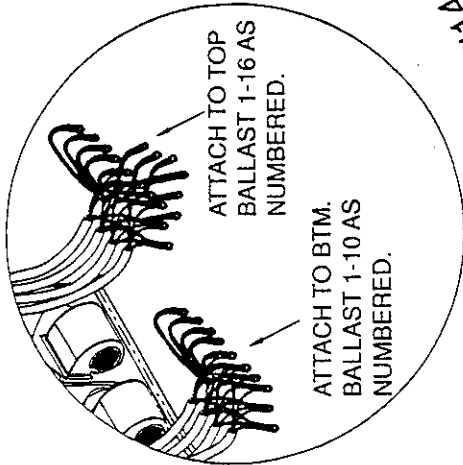
Locate ballast drawer concealment panel. Align the hanging tabs on the panel with the slots in legs. Then, using two (2) number six (6) screws, attach the bottom corners to the leg.

Step 21

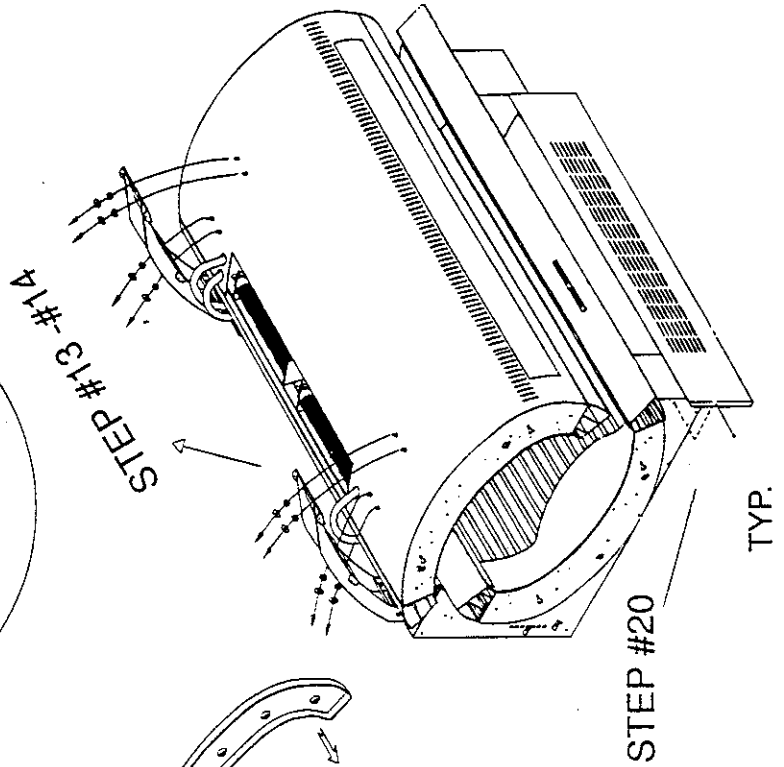
After assembly, locate the four (4) endcaps and twenty (20) thrush head bolts. Align each end cap with the matching end of the bed and attach with five (5) of the thrush head bolts.



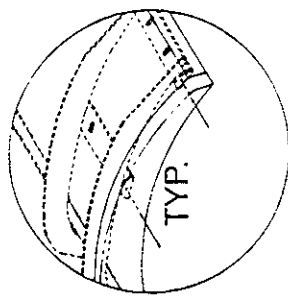
STEP #12



STEP #13-#14



STEP #19



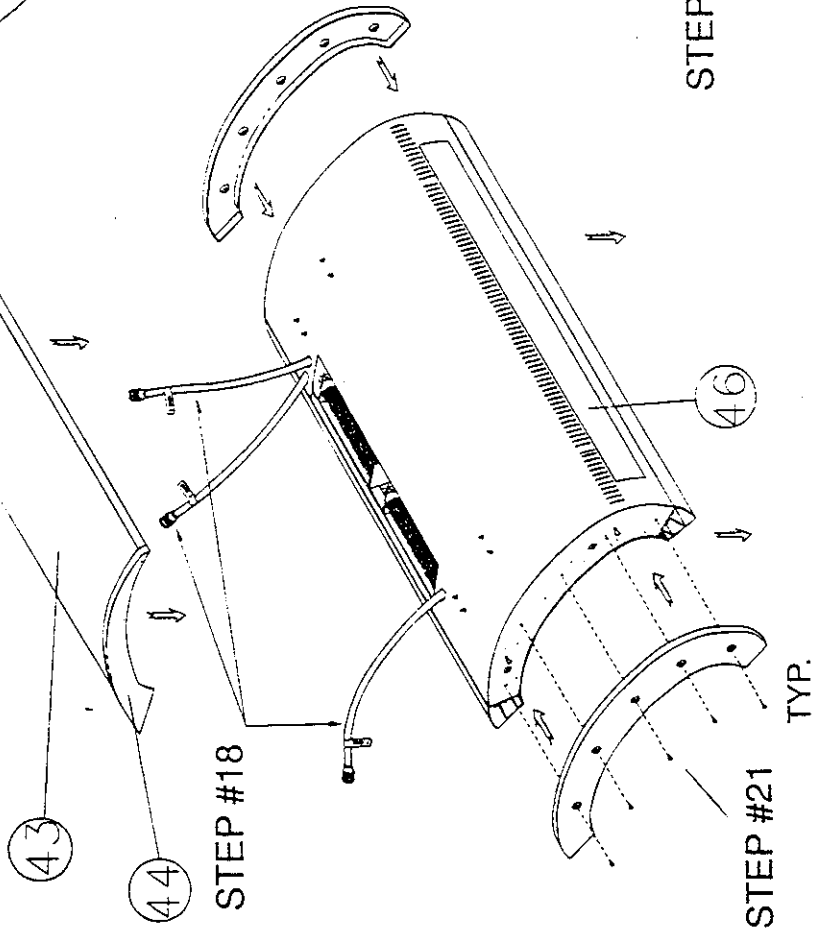
STEP #19

45

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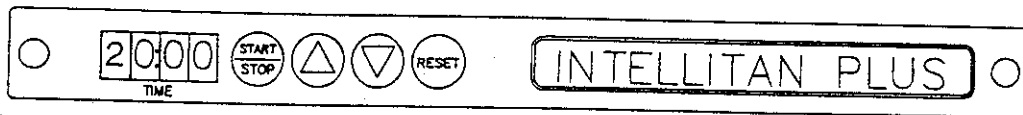
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STEP #18





Intellitan Plus by Sun Industries, Inc.


Operating Instructions





To Set Time


STEP 1: Press  to reach desired setting, in minutes.

STEP 2: Press  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 display will continue to flash as the time counts down according to the programming. The countdown is not visually displayed on the timer but is reported to the control device (CCS-1, IPI, Console, etc.) if connected. At **one (1) minute** before that start of the tanning session, an audible beep will sound (if programmed in P02), another will sound at **thirty (30) seconds** before the start of the tanning session. At **ten (10) seconds** the beep will sound and continue once each second until tanning unit lights. The tanning unit can be started before the expiration of the session delay simply by pressing .

To Stop Unit

STEP 1: Press  anytime during a session. This will stop the countdown and hold time. To restart the unit simply press  again.

NOTE: If a session delay is preprogrammed (P04) Press  twice to restart the unit.

To Clear Time

STEP 1: Press , the timer clears to read 00:00.





NOTE: If the unit is counting down, Start/Stop button must be pressed before resetting.


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.

Enter Password Clearance

P01

Press  and  at the same time and hold in for one (1) second, then release. The colon will disappear and the display now reads 0000. Press  once and release. The four (4) zeros (0000) will now flash. Press  and hold down until the timer display scrolls up to 0010 (for level 1 or view password) or 0102 (for level 2 or edit password) then release the button.


Now press  once and release. The display will stop flashing and read 0001 if level 1 was selected or 0002 if level 2 was selected. System is now in **Parameter Mode**. To edit the parameters, be sure to use the above instructions and use the level 2 (EDIT) password 0102 instead of the level 1 (0010). Keep all passwords in a safe place to prevent misuse.

Important Note:

Proceed slowly through viewing and editing of various parameters. You **cannot** view parameters in reverse order. That is, you **cannot** go for Parameter 7 to Parameter 6. If you proceed too quickly or inadvertently pass by the parameter you wish to view/edit, you must exit the system, (press **Start/Stop** button until you reach 00:00) then re-enter password clearance to get back into system.

To view the current parameter that you are in, simply press the down button. Parameter will be immediately displayed. You cannot check parameter if display is flashing.


In network mode (when the tanning unit is connected to a series of other units) all keys except the Start/Stop key is locked to prevent unauthorized use. Before changing any parameters the tanning unit must be disconnected from the timer network for at least 30 seconds before the keys will unlock. Be sure to reconnect the timer network after completing any programming.

Now press  once to reach **Parameter 2, (P 02)**, the **Alarm Enable/Disable** function.




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 enabled or disabled.. The unit comes with the chime mechanism enabled to provide an audible beep.

When parameter 02 is shown, the display will read 0001. To maintain the chime mechanism,

press the  new and go to **P03**. To silence it, do the following:

To Change Parameter 2, Alarm Enable/Disable

Press  once then release it. The display will begin to flash. Press  and hold it down, scrolling down to 0000. Now press  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  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 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 disabled.

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


To Change Parameter 3, Fan Delay

Press  once then release it, the display will begin to flash. Now press either  or  to reach desired setting. Time is displayed from 1.0 to 3.0, with decimal representing **tenths** of a minute. For Example: 1.5 equals 1 minute, 30 seconds. After setting the fan delay press  once then release it. The fan is now set.

Important Note about the Fan Delay

Time is not displayed on the timer during the fan delay. Time is, however, displayed on the CCS-1 or other control device during the fan delay to indicate how long the fan delay has remaining. When displayed on the CCS-1 or other control device the time counts down in three second increments.

When the Intellititan Plus timer is on a network no new time can be placed on the timer until after the fan delay has expired. The fan delay can not be disabled.





Now press  to reach **Parameter 4, (P04)**, the **Session Delay, Prep-Time Monitor** 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 on 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  once then release it. the display will begin to flash. Now press  or  to reach desired setting. Time is displayed from 0.0 to 5.0, with the decimal representing tenths of a minute. For Example: 2.5 equals 2 minutes, 30 seconds. After reaching desired setting, press  once and release it. Session delay is now set.





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


P05

Parameter 5 is the station address. The station address allows the tanning unit to be identified for interface with the CCS-1, the 1-10 unit console timer, the Intellititan Single Station Console, and the IPI, the Intellititan Protocol Interface for your computer system. The unit comes with a station address of 1 preprogrammed.

To Change Parameter 5, Station Address

When parameter 05 is shown, the display will read 0001 for station address one. To change the station address, do the following:

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

Now press  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 resetable 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 disabled through parameter 2.

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

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

P07


Parameter 7 is the measurement of 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. To update the

display and take another voltage reading press  once and release.

Now press  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. To update

the display and take another voltage reading press  once and release.


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


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  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. To update the display and take another temperature reading press  once and release.


Now press  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. To update the display and take another temperature reading press  once and release.


Now press  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. To update the display and take another temperature reading press  once and release.




Now press  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. To update the display and take another temperature reading press  once and release.

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

P15.. Parameter 15 is the clean room feature. When enabled, the clean room feature will show all dashes (----) on the timer display 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. The IPI will show that the room is "Dirty" and the CCS-1 will display DLY 00:00 to show to the front desk personnel that the room needs to be cleaned. To reset the clean room feature from the room indicating that the room has been cleaned, simply press the  twice in rapid succession. When the clean room feature is reset, the timer will display 00:00, the remote console will display "99", the CCS-1 will display "Bed xx Available" and the IPI utility program will display "Ready." The unit comes with the clean room feature disabled.


To change Parameter 15, Clean Room Feature

Press  once then release it, the display will begin to flash. Now press  once to display 0001, then press  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  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 reading is displayed immediately. Measurement is in cents and tenths of a cent. This function is read only and can not be changed.

For Example-> A reading of 10.7 would equal 10.7 cents.

Now press  once and release it to reach Parameter 17, (P17), Cost Per Session.


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 $\text{Unit_KwH_Draw} \times \text{National_Average} / 60_minutes = \text{cost per minute}$. In the case of the R32B 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  once then release it, the display will begin to flash. Now press  or  until the desired cost per minute is displayed. Measurement in cents and tenths of a cent. For Example. A reading of .4 would equal for tenths of one cent. Once the desired reading is displayed press  once and release it. The Cost Per Minute is now set.

Now press  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.

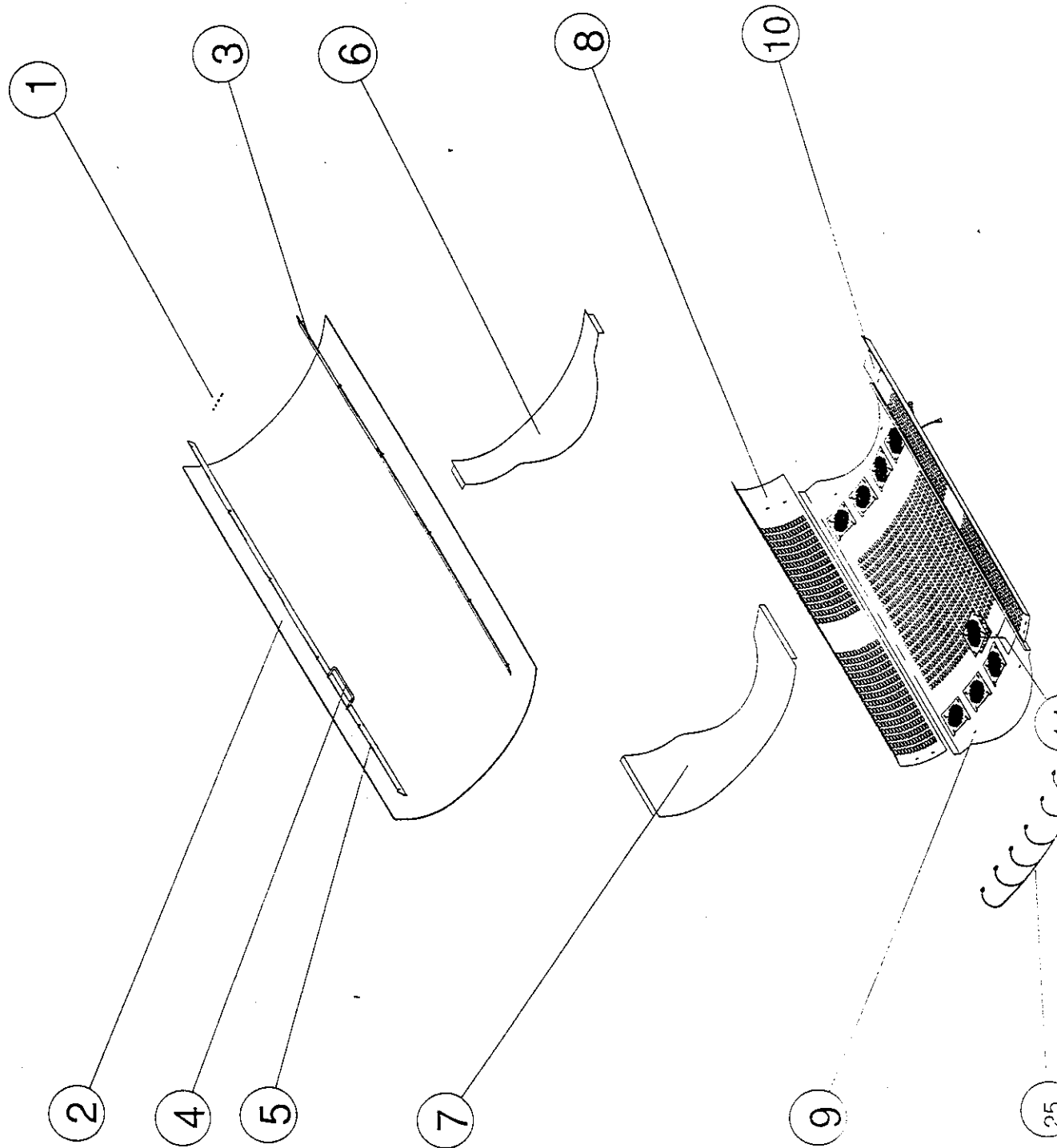
Now press  once and release it to reach **Parameter 19, (P19), Total Hour Accumulation.**

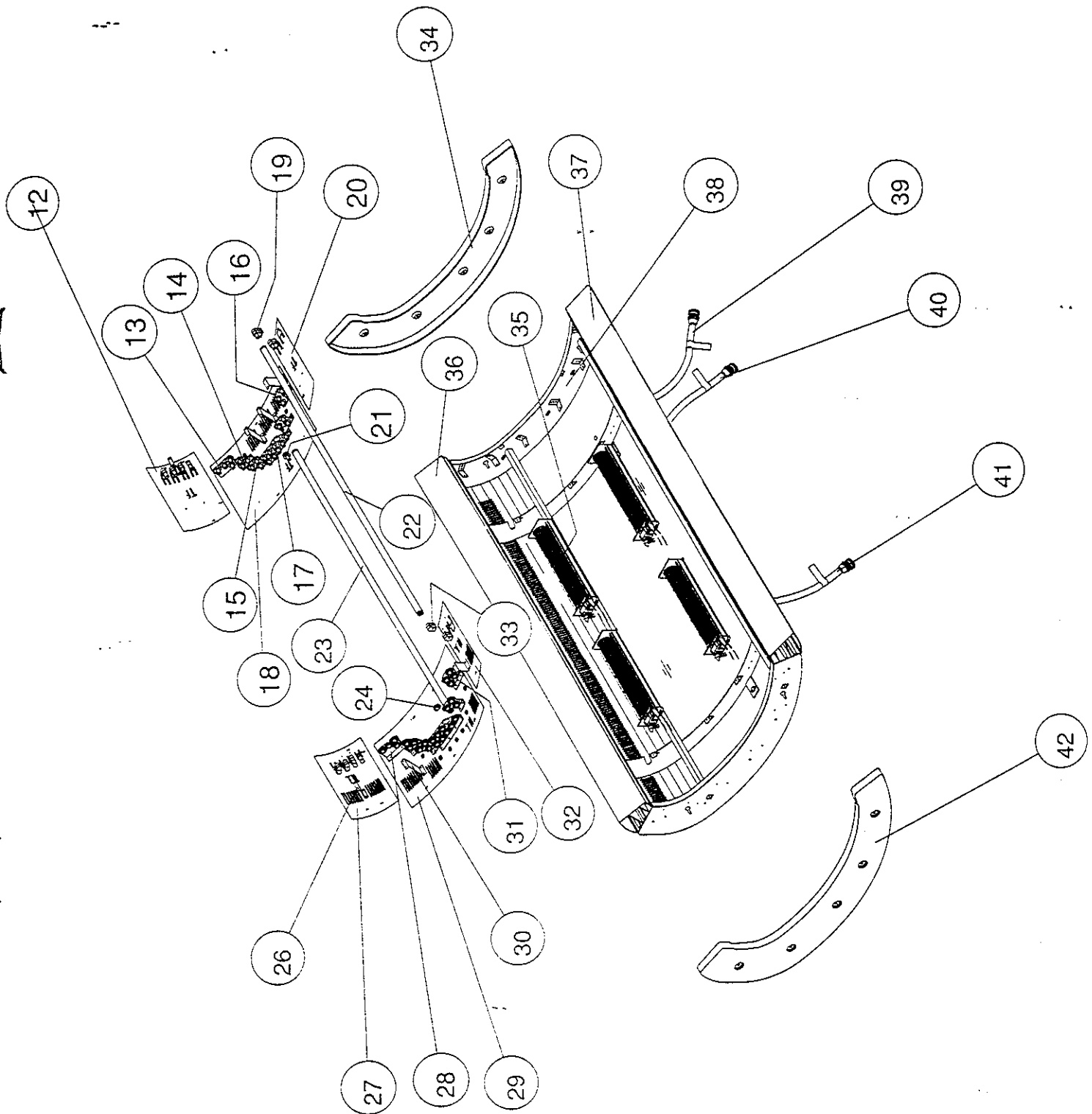
P19 Parameter 19 is the total hour accumulator. This accumulator displays the total number hours on the unit since first day of operation. The accumulator counts from 0000 to 9999 then rolls over. The total hour accumulator cannot be adjusted or reset.

Now exit parameter mode by pressing  until the display reads 00:00. The remaining parameters are for future expansion and are not used at this time.

Your Tanning System can easily be adapted for front desk and/or remote operation. Contact Sun Industries or your factory representative for more information on the Intellitan Console, CCS-1 or IPI computer interface.

	Part Number	Description
1.	003196	Fstnr, 1/4 Turn 84-20-080-10
2.	035154	Acry, Sta 2 CD52
3.	011623	Paint, Acry Rail CD52
4.	006027	Misc, Handle ATO-35 Wire Black
5.	011749	Paint, Acry Rail Front Top CD52
6.	011627	Paint, Lampcover TF CD52
7.	011628	Paint, Lampcover TH CD52
8.	011613	Form, Reflector Top Front CD52
9.	011612	Form, Reflector Top Cntr. CD52
10.	011614	Form, Reflector Top Back CD52
11.	041955	Assy, Ref/Fan Access Panel CD52
12.	011644	Punch, Lampchassis TF FRT CD52
13.	011603	Form, Lamp Brkt TF FRT 4CD52
14.	011607	Form, Lamp Brkt FRT 3 CD52
15.	011600	Form, Lamp Brkt FRT/BCK 3 CD52
16.	011601	Form, Lamp Brkt Back 4 CD52
17.	011604	Form, Lamp Brkt Cntr. CD52
18.	011642	Punch, Lampchassis TF Cntr. CD52
19.	002069	Elec, Lampholder Tel 1640.1
20.	011643	Punch, Lampchassis TF Back CD52
21.	002060	Elec, Lampholder Tel 775-02
22.	002020	Lamp, Bellarium BHO BH2-10-160W
23.	002021	Lamp, Bellarium SR RA1-12-160W
24.	002070	Elec, Lampholder Sta 1640.2
25.	021052	Elec, Fancord Assy 6 Pos
26.	010422	Form, Lampcover Brkt
27.	011647	Punch, Lampchassis TH FRT CD52
28.	011608	Form, Lamp Brkt TH FRT 4 CD52
29.	011645	Punch, Lampchassis TH CTR CD52
30.	011615	Form, Lampcover Brkt Top CD52
31.	011606	Form, Lamp Brkt TH Back 4 CD52
32.	011646	Punch, Lampchassis TH Back CD52
33.	002070	Elec, Lampholder Sta 1640.2
34.	003701	Plst, Endcap Foot CD52
35.	002395	Elec, Blower transflow 4C745
36.	011749	Paint, Acry Rail Front top CD52
37.	011723	Drill, Rail Back CD52
38.	011719	Paint, Top STA 1 CD52
39.	021321	Elec, Bed Cord Assy #6 CD52
40.	021268	Elec, Bed Cord Assy #5 CD52
41.	021267	Elec, Bed Cord Assy #4 CD52
42.	003700	Plst, Endcap Head CD52
43.	011716	Paint, Hinge Cover CD52
44.	003702	Plst, Top Hinge CVR LS CD52
45.	003703	Plst, Top Hinge CVR RS CD52
46.	005000	Label, Logo Large "CYBERDOME"

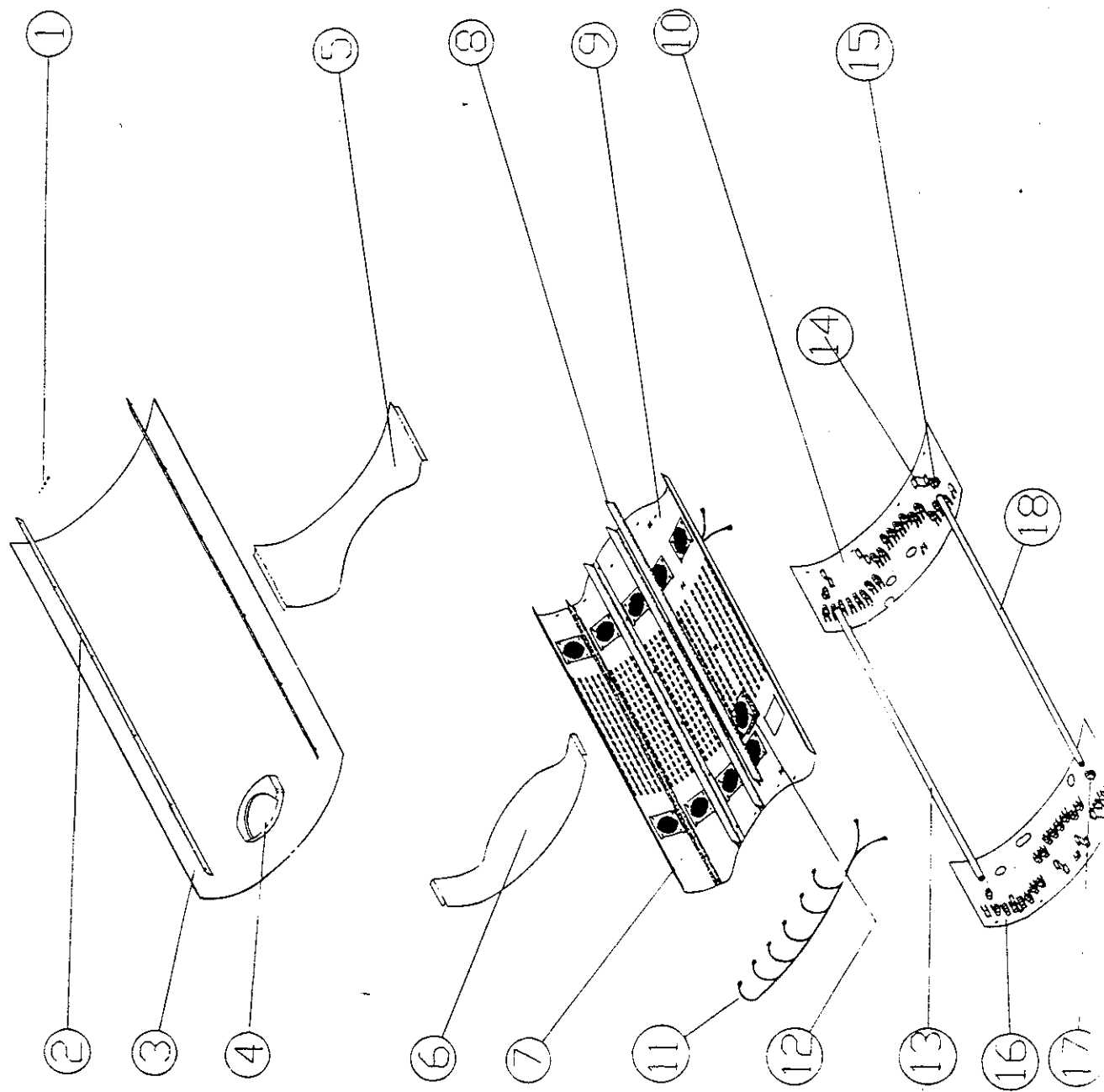




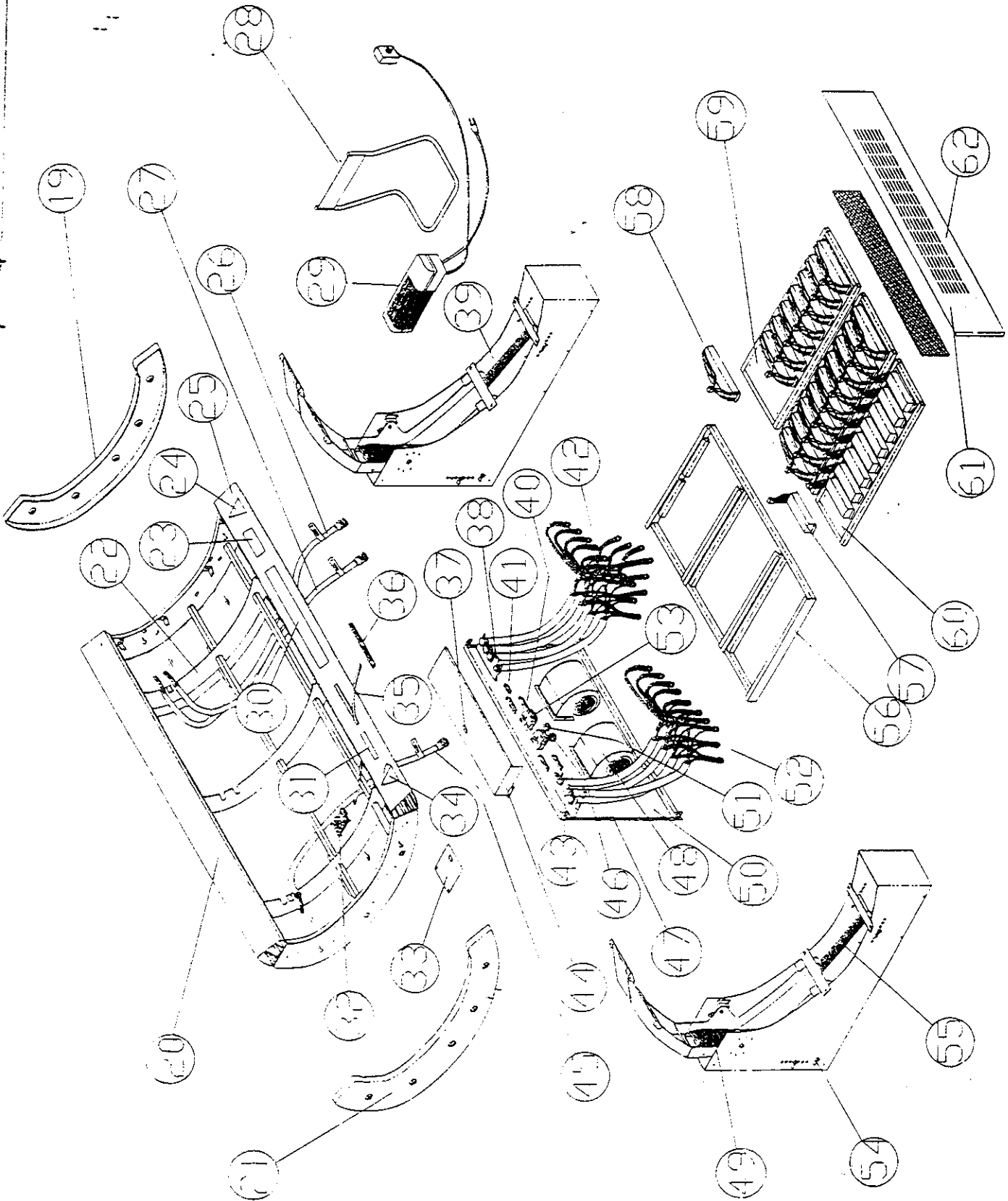
	Part Number	Description
1.	003196	Fstnr, 1/4 Turn 84-20-080-10
2.	011623	Paint, Acry Rail CD52
3.	035154	Acry, STA 2 CD52
4.	006000	Misc, Cushion Sundash 95
5.	011721	Paint, Lampcover BF CD52
6.	011720	Paint, Lampcover BH CD52
7.	011621	Form, Reflector BTM Back CD52
8.	011320	Form, Acrylic Brace 71.875"
9.	011622	Form, Reflector BTN Front CD52
10.	011673	Punch, Lampchassis Btm FT CD52
11.	021052	Elec, Fancord Assy 6 Pos
12.	041955	Assy, Ref/Fan Access Panel CD52
13.	002020	Lamp, Bellarium VHO VH2-10-160W
14.	010422	Form, Lampcover Brkt
15.	002069	Elec, Lampholder Tel 1640.1
16.	011672	Punch, Lampchassis BTM HD CD52
17.	002070	Elec, Lampholder STA 1640.2
18.	002014	Lamp, Bellarium S SA1-10-100W
19.	003701	Plst, Endcap Foot CD52
20.	011723	Drill, Rail Back CD52
21.	003700	Plst, Endcap Head CD52
22.	011722	Paint, Bottom Sta 1 CD52
23.	005110	Label, High-Definition Tanning
24.	005112	Label, Sun Rainbow Triangle
25.	011602	Drill, Rail Front BTM CD52
26.	021320	Elec, Bed Cord Assy #3 CD52
27.	021266	Elec, Bed Cord Assy #2 CD52
28.	010685	Paint, Bodyblower Stand
29.	041011	Assy, Bodyblower White
30.	005108	Label, UV Warning Cyberdome
31.	005109	Label, Logo, Small "CYBERDOME"
32.	002710	Elec, Timer Pwr Brd INTEL+AID
33.	011368	Paint, Timer Access Panel AID
34.	005111	Label, Sun Pyramid
35.	002598	Elec, FFC 12 Conductor 278387-1
36.	003624	Plst, Bezel Intellitan Plus CPU
37.	002114	Elec, Hobbs Elapsed #20001 SUN
38.	011732	Paint, Elec Harn Brkt RHT CD52
39.	011629	Paint, Leg CD52
40.	002672	Elec, Term Blk Marathon 32 Pos
41.	002682	Elec, Term Blk Marathon 16 Pos
42.	021264	Elec, Bal Har Assy #2 CD52
43.	011731	Paint, Elec Harn Brkt LFT CD52
44.	011734	Paint, Elec Cover CD52

Part Number	Description
45. 021265	Elec, Bed Cord Assy #1 CD52
46. 021271	Elec, Term BLK Assy 2 Pos CD52
47. 041925	Assy, Elec Panel CD52
48. 002393	Elec, Blower Transflow 4C848
49. 006122	Misc, Spring Upper CD52
50. 011733	Paint, Elec. Panel CD52
51. 021272	Elec, Term BLK Assy 3 Pos CD52
52. 021263	Elec, Bal Har Assy #1 CD52
53. 002193	Elec, Relay 120VAC T&E 12 Amp
54. 003348	Misc, Hairpin Clip CD52
55. 006123	Misc, Spring Lower CD52
56. 011730	Paint, Bal H-Frame CD52
57. 002035	Elec, Ballast 8G4035W10T
58. 021350	Elec, Ballast 1201 VHO Assy 9P
59. 011729	Paint, Bal Tray VHO CD52
60. 011728	Paint, Bal Tray HO CD52
61. 006134	Misc, Filter MTL SNI 8 x 48
62. 041939	Assy, Front Plate CD52

CD-52 PARTS DIAGRAM - BOTTOM UNIT CD-52



CD-52 PARTS DIAGRAM - BOTTOM UNIT CD-52



Cord No. 1, 2 & 3

<u>Pair No.</u>	<u>Wire Color</u>	<u>Pin No.</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
*Timer	Black	23
*Timer	Brown	24
*Timer	White	25
*Timer	Green	26
*Timer	Blue	27
*Timer	Red	28
*Fan	White	34
*Fan	Green	35
*Fan	Blue	36

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

Cord No. 4, 5 & 6

<u>Pair No.</u>	<u>Wire Color</u>	<u>Pin No.</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
11	Brown	21
11	Brown	22
12	Brown	23
12	Brown	24
13	Brown	25
13	Brown	26
14	Brown	27
14	Brown	28
15	Brown	29
15	Brown	30
16	Brown	31
16	Brown	32
*Fan	Blue	33
*Fan	White	34
*Fan	Green	35
*Fan	Blue	36
*Fan	White	37

NOTE: Cords 5 & 6 don't have any fan wires.

Harness Cord #1

<u>Pin No.</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.
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
34	White	To Neutral Term.Block
35	Green	To Ground Screw
36	Blue	To Fan Term.Block

Harness Cord #2, #3

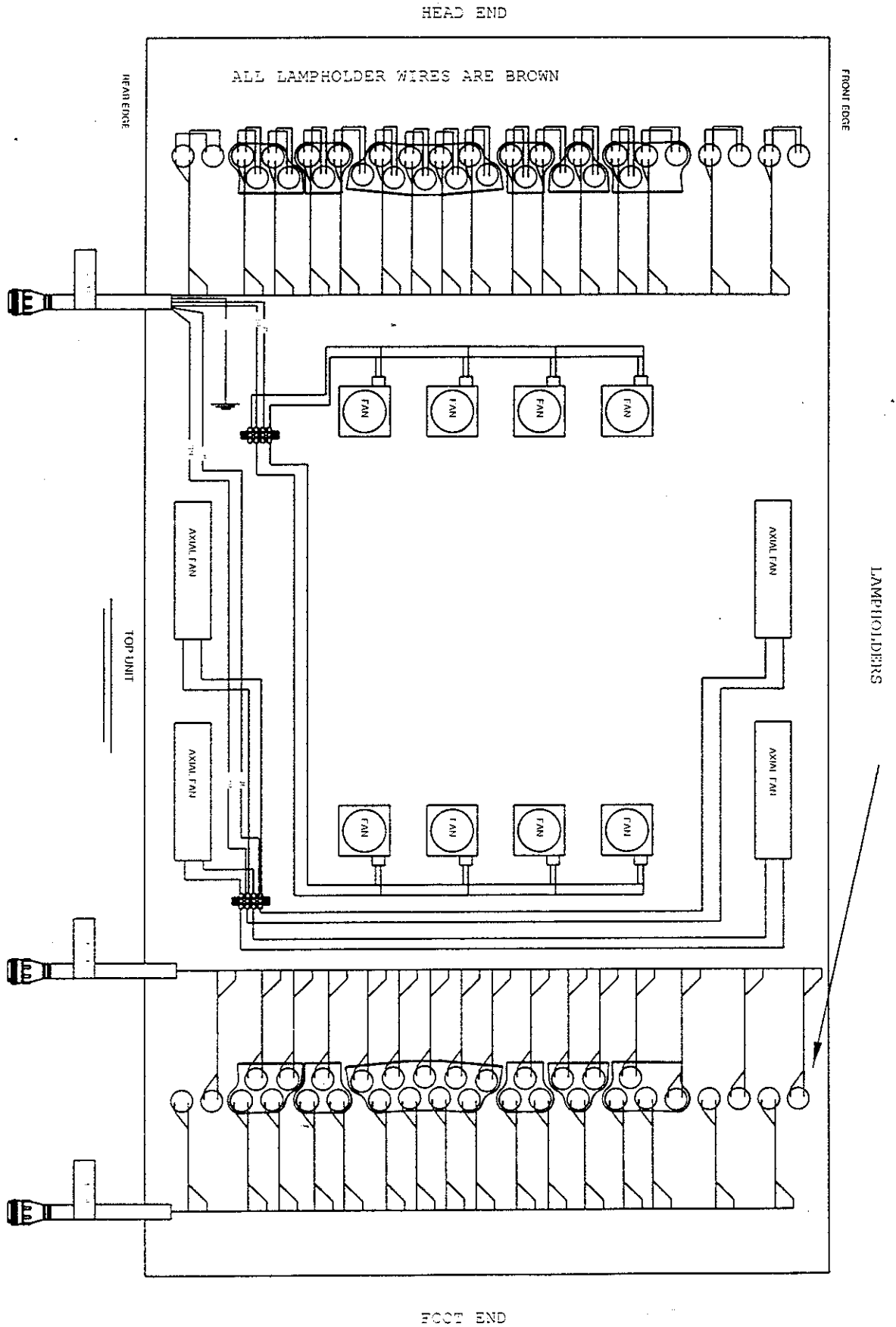
<u>Pin No.</u>	<u>Color</u>	<u>Destination</u>
1 - 2	Brown	To Bal. 1 Btm.
3 - 4	Brown	To Bal. 2 Btm.
5 - 6	Brown	To Bal. 3 Btm.
7 - 8	Brown	To Bal. 4 Btm.
9 - 10	Brown	To Bal. 5 Btm.
11 - 12	Brown	To Bal. 6 Btm.
13 - 14	Brown	To Bal. 7 Btm.
15 - 16	Brown	To Bal. 8 Btm.
17 - 18	Brown	To Bal. 9 Btm.
19 - 20	Brown	To Bal. 10 Btm.

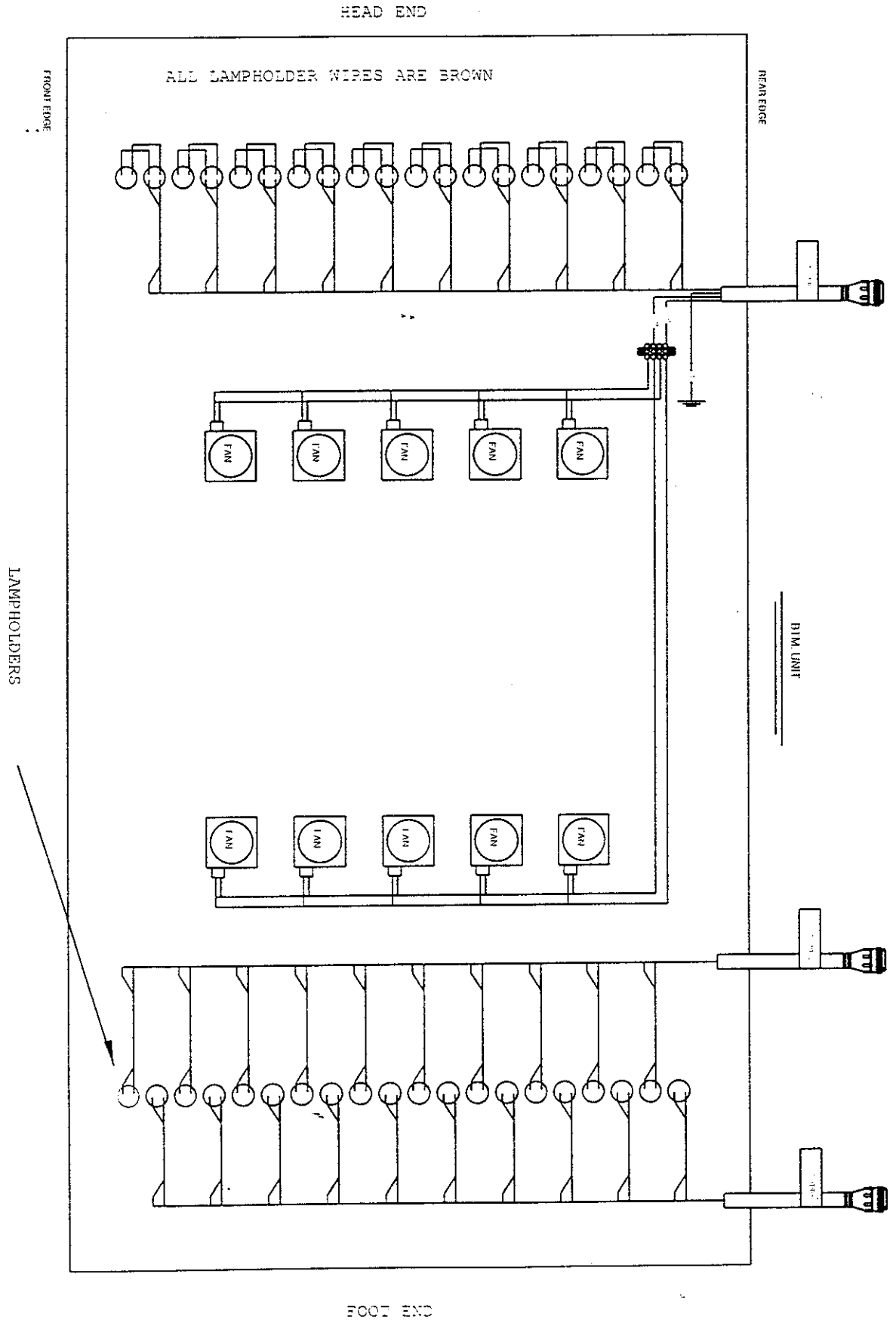
Harness Cord #4

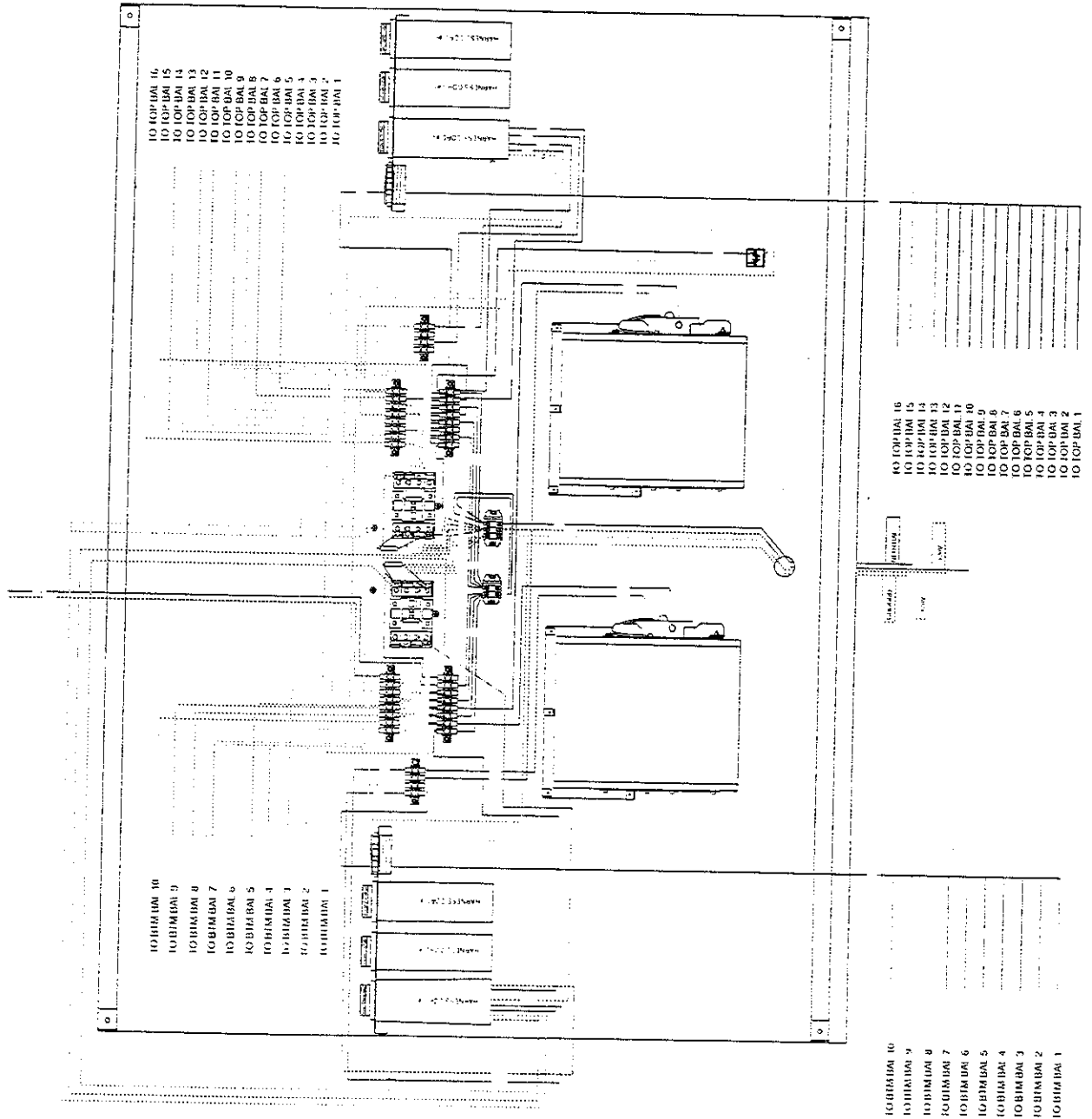
<u>Pin No.</u>	<u>Color</u>	<u>Destination</u>
1 - 2	Brown	To Bal. 1 Top
3 - 4	Brown	To Bal. 2 Top
5 - 6	Brown	To Bal. 3 Top
7 - 8	Brown	To Bal. 4 Top
9 - 10	Brown	To Bal. 5 Top
11 - 12	Brown	To Bal. 6 Top
13 - 14	Brown	To Bal. 7 Top
15 - 16	Brown	To Bal. 8 Top
17 - 18	Brown	To Bal. 9 Top
19 - 20	Brown	To Bal. 10 Top
21 - 22	Brown	To Bal. 11 Top
23 - 24	Brown	To Bal. 12 Top
25 - 26	Brown	To Bal. 13 Top
27 - 28	Brown	To Bal. 14 Top
29 - 30	Brown	To Bal. 15 Top
31 - 32	Brown	To Bal. 16 Top
33	Blue	To Blower Term.Block
34	White	To Neutral Term.Block
35	Green	To Ground Screw
36	Blue	To Fan Term.Block
37	White	To Neutral Term.Block

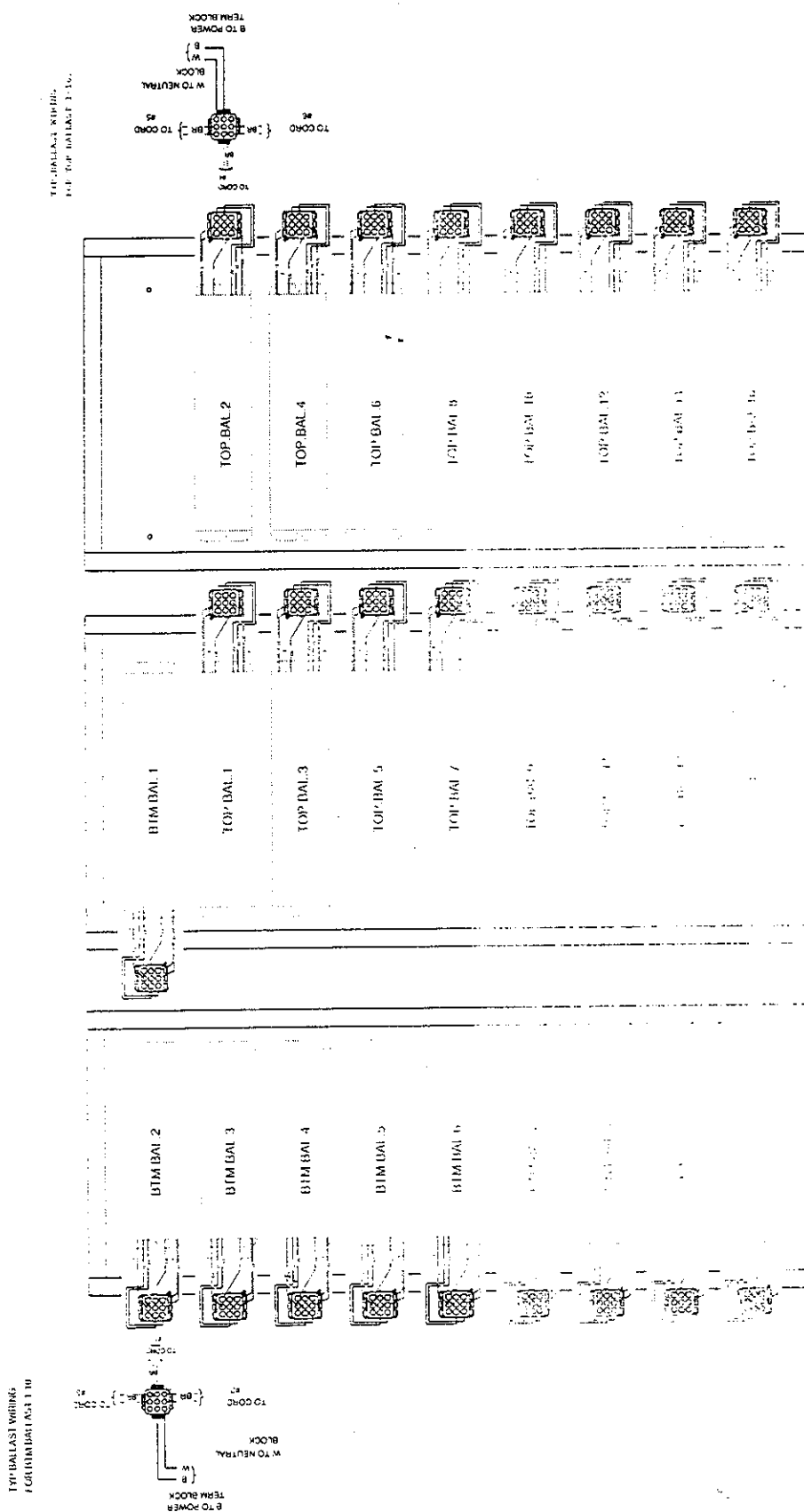
Harness Cord #5, #6

<u>Pin No.</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 - 22	Brown	To Bal. 11 Top
23 - 24	Brown	To Bal. 12 Top
25 - 26	Brown	To Bal. 13 Top
27 - 28	Brown	To Bal. 14 Top
29 - 30	Brown	To Bal. 15 Top
31 - 32	Brown	To Bal. 16 Top









General Troubleshooting Guide

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.U. board. Contact Sun Industries or your local representative for information.)

2. Lamps won't light or lamps flicker.

CAUSE

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

SOLUTION

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

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 any problems which may occur and is not intended for 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 authorized 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 connections 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 won't 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.

Important Note

PREVENTIVE MAINTENANCE SCHEDULE

Your Wolf System Tanning Unit 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 eye-wear, lamps, timers, acrylic and reflectors must be in compliance with CFR 21 1040.20.

ACCESSORY ITEMS

Contact our Merchandising Department to order all your tanning supplies including lotions, moisturizer, accelerators, shower gels, massage oil, acrylic cleaner and a complete selection of both home and commercial tanning accessories. Call **1-800-235-8555**.

SUN INDUSTRIES, INC.

LIMITED WARRANTY

Sun Industries, Inc. 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 Industries, Inc. or its authorized dealer or distributor, and is not transferable.

Sun Industries, Inc.'s 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 Industries, its authorized dealers or distributors may be used. Transportation costs for parts shipped to the consumer and the return of defective parts to Sun Industries 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 Industries prior to start of repairs, and must coincide with Sun Industries, Inc.'s 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 Industries, Inc. 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 Industries, Inc., 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 INDUSTRIES, INC. 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 Industries, Inc. for any liability in connection with the sale or use of these goods.

LIMITED ACRYLIC WARRANTY

Sun Industries, Inc. 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 use on tanning surfaces that cannot be controlled by Sun Industries, Inc., after the first thirty (30) days of warranty period, acrylic will be subject to a prorated cost to the consumer on breakage and sizing.

Sun Industries, Inc.'s obligations do not include transportation charges on replacement acrylic.

Sun Industries, Inc. 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 Industries, Inc. or Sun Industries, Inc. 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 INDUSTRIES, INC. AND ARE PROVIDED IN SUBSTITUTION OF ALL OTHER REMEDIES. CONSEQUENTIAL AND INCIDENTAL DAMAGES ARE EXCLUDED.

Sun Industries, Inc.
P.O. Box 2026
Jonesboro, Arkansas 72402
1-800-445-0624
501-935-1130 (In Arkansas)

WARRANTY CLAIMS 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 Industries, Inc.'s Limited Warranty as described in this manual before any Warranty Claim will be considered.

2. Where to call to place a Warranty Claim:

Sun Industries, Inc. 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 non-warranty 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 Industries, Inc., 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

1. Customer calls Sun Industries, Inc. and notifies the Service Department of problem.
2. Sun Industries, Inc.'s Service Department determines course of action.
3. Sun Industries, Inc. ships part and R.A.I. to customer freight collect and bills customer on net 30 basis for part only.
4. Customer, within 15 days of receiving new part, returns defective part to Sun Industries, Inc. along with R.A.I.
5. Upon receipt of defective part and R.A.I., Sun Industries, Inc. 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 Industries, Inc. 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 Industries, Inc., then a 30% restocking fee will be charged in addition to the retail purchase price of part.

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

LABOR WARRANTY CLAIM/CREDIT PROCEDURES

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

Please contact our Service Department for authorization and billing procedures.

LIMITED LIFETIME WARRANTY

Sun Industries, Inc. warrants specific individual components of the R-26P, R-32P, R-26B, R-32B, 416SL and 424SL 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
- Cast Aluminum End Caps
- Structural Steel Frame Components
- Aluminum Extruded Rails
- 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 Industries, Inc. headquarters.

Sun Industries, Inc. 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 INDUSTRIES, INC. AND ARE PROVIDED IN SUBSTITUTION OF ALL OTHER REMEDIES - CONSEQUENTIAL AND INCIDENTAL DAMAGES ARE EXCLUDED.