INDOOR TANNING EQUIPMENT
Care, Use and Installation Instructions

MONTEGO BAY ®

PREMIUM TANNING EQUIPMENT

MODEL:
MONTEGO BAY
VIPER™ VHR®

PC MARKETING
1040 WILT AVENUE
RIDGEFIELD, NJ 07675

1-800-FAST TAN

02/22/00 3:00 PM9

Your unit has been built in accordance with the latest state of the art technology. Persons installing the unit, placing it into operation, operating, maintaining and repairing it must read and understand the operating instructions and especially the user safety instructions before the unit is used for the first time.

TABLE OF CONTENTS

1.0 USER SAFETY INSTRUCTIONS

1.1 Before installation and placing in operation, the safety instructions and the operating instructions must be carefully read and observed.

1.2 Before the unit is placed in operation, the local safety regulations and the safety instructions must be complied with.

1.3 **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. Consult physician before using sun lamp if you are using medication 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. **WEAR PROTECTIVE EYEWEAR: FAILURE TO MAY RESULT IN SEVER BURNS OR LONG-TERM INJURY TO THE EYES.**

Therefore, you must observe the following safety instructions:

The ultraviolet radiation is very intense. **DO NOT** look at the tanning lamps.

While tanning, close your eyes, and always use the protective eyewear that is supplied.

Before tanning, always remove jewelry.

DO NOT tan more frequently than once every two days.

For recommendations about exposure times and recommended frequencies, please see our RECOMMENDED EXPOSURE SCHEDULE, which is enclosed with every unit.

RECOMMENDED EXPOSURE SCHEDULE

ECOMMEND ED	Skin Type	WEEK 1 1st–3rd Session	WEEK 2 4th–6th Session	WEEK 3 7th–10th Session	WEEK 4 11th–15th Session	WEEKLY Subsequent Session
EXPOSURE	II - Fair	2 min.	5 min.	8 min.	10 min.	12 min.
	III - Average	4 min.	6 min.	8 min.	10 min.	12 min.
	IV - Brown	4 min.	8 min.	10 min.	12 min.	12 min.
	V - Dark	4 min.	8 min.	10 min.	12 min.	12 min.
SCHEDULE	Brown					

Tanning can begin on a regular basis (allowing 48 hours between sessions). An appearance of tanning normally occurs after a few exposures and maximizes after four (4) weeks of exposure following the recommended exposure schedule for your skin type. In order to provide for maintenance of a tan, a maximum of two (2) weekly 12-minute sessions is recommended from the fifth week onward.

USE PROTECTIVE EYEWEAR WHENEVER THE EQUIPMENT IS ENERGIZED. READ THE INSTRUCTION BOOKLET BEFORE USING THIS PRODUCT.

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 this product.

Certain drugs - particularly those designed to enhance photosensitivity - may cause individuals under their influence 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 use the tanning system. Use protective eyewear while tanning. Protective eyewear is provided with each unit sold.

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 is nothing more then 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 will go away within approximately 24 hours and should not reappear. This rash can be lessened or prevented by turning over occasionally during sessions in the unit, and by applying moisturizing lotion to the affected area after the tanning session is complete.

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 THIS PRODUCT.

EXPOSURE TIMES AND FREQUENCIES

Melanin, the brownish pigment produced by special cells in the base layers of the skin determines the individuals' ability to tan. As the skin is exposed to ultraviolet rays, 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 darkly you can tan.

NOTE

THE TAN PRODUCED BY THE UNIT IS A DEEP, RICH "COSMETIC" TAN. HOWEVER, REGARDLESS OF HOW MUCH AN INDIVIDUAL MAY TAN WITH THIS UNIT, IT WILL NOT PROVIDE ADEQUATE PROTECTION AGAINST OVEREXPOSURE TO NATURAL SUNLIGHT OR UVB TANNING SYSTEMS.

SKIN TYPE II -   THIS IS THE INDIVIDUAL THAT USUALLY BURN EASILY AND SEVERELY, TANS MINIMALLY OR LIGHTLY AND PEELS.

SKIN TYPE III -   OFTEN REFERRED TO AS "AVERAGE" COMPLEXION, BURNS MODERATELY AND TANS ABOUT AVERAGE.

SKIN TYPE IV -   THIS INDIVIDUAL BURNS MINIMALLY, TANS EASY AND ABOVE AVERAGE WITH EACH EXPOSURE.

SKIN TYPE V -   THIS INDIVIDUAL RARELY BURNS, TANS EASILY.

RECOMMENDED EXPOSURE SCHEDULE

RECOMMENDED	Skin Type	WEEK 1 1st–3rd Session	WEEK 2 4th–6th Session	WEEK 3 7th–10th Session	WEEK 4 11th–15th Session	WEEKLY Subsequent Session
EXPOSURE	II - Fair	2 min.	5 min.	8 min.	10 min.	12 min.
	III - Average	4 min.	6 min.	8 min.	10 min.	12 min.
	IV - Brown	4 min.	8 min.	10 min.	12 min.	12 min.
SCHEDULE	V - Dark Brown	4 min.	8 min.	10 min.	12 min.	12 min.

No two individual skin tones are the same. A tan to one person may be different to another, and session length may vary. It is recommended that, following a tanning session, a skin moisturizer be applied. This promotes a smoother more even looking tan. Equally important - many facial make-ups have oil bases and should be removed prior to each tanning session.

NOTE

SINCE THE BACK AND STOMACH AREAS OF THE BODY WILL RECEIVE THE MAJORITY OF THE TANNING RAYS, IT IS RECOMMENDED THAT INDIVIDUALS SPEND ONE HALF OF EACH SESSION LYING ON EACH SIDE OF THE BODY TO ACHIEVE A FULL-BODIED TAN.

WARNING

COMMERCIALLY AVAILABLE CREAMS, LOTIONS AND OILS CONTAIN SUNSCREENS WHICH FORM A PHYSICAL BARRIER ON THE SKIN THAT PREVENTS THE UVA RAYS FROM PENETRATING AND INDUCING A TAN. IT IS RECOMMENDED THAT YOU USE ONLY CREAMS, OILS OR LOTIONS THAT **DO NOT CONTAIN POLYETHYLENE/GLYCOL LAURATE OR POLYETHLENE/GLYCOL MONO LAURATE** AND ARE DESIGNED FOR USE WITH INDOOR TANNING EQUIPMENT. FAILURE TO COMPLY WITH RECOMMENDATIONS AND WARNINGS STATED ABOVE MIGHT VOID THE MANUFACTURER'S WARRANTY.

THIS UNIT **MUST NOT** BE USED IF THE TIMER IS FAULTY!

1.4 Proper Operation

All units are intended solely for tanning in the interior of buildings. Operate the unit only in places where there is no risk of hazard, and only in dry rooms. The rooms must be well ventilated (adequate air inflow and outflow). If the unit is operated in a tanning salon, extremely strict hygiene must be ensured both on the unit and in the room. Any type of use not complying is improper, and the manufacturer will not accept liability for any resulting damage or liability. Proper operation also includes compliance with the operating, maintenance and repair conditions specified by the manufacturer. Maintenance work, repair work should only be performed by a qualified service technician or by persons authorized by PC Marketing, Inc. If unauthorized modifications are made on the units, the manufacturer will not accept liability for any resulting damage or injury.

1.5 Product Liability

The unit may only be operated in the proper manner. If it is operated in an improper manner, the user assumes sole responsibility. In such cases, the manufacturer cannot accept any liability.

1.6 Procedure in an Emergency

Switch off the electrical supply to the unit at the main power switch or circuit breakers, and secure the unit to prevent it from being switched on again without authorization, until completely inspected.

1.7 Explanation of Danger Symbols

! WARNING!
In these operating instructions, we have used this symbol to mark all items that relate to operating safety.

⇒ IMPORTANT!
In these operating instructions, we have used this symbol to mark all items that contain essential information for operating the unit.

1.8 Location of the Person Using the Unit

In front of the unit and lying on the acrylic.

2.0 IMPORTANT / INFORMATION FOR THE USER OF THE UNIT

2.1 Start of Tanning

! Observe the recommended exposure chart. Do not exceed the tanning time recommended for your skin type. Never tan if you already have been over exposed. When tanning you must use protective eyewear. You may stop the tanning session at any time by means of the STOP/START switch on the operating panel.

2.2 Important Technical Details
⇒ Important information! - You **must** read this!
□ Fans - to cool down the unit, the fans continue to run for approximately three minutes after the unit is turned off.

2.3 Interior Tanning Space

Lie down on the acrylic **DO NOT place any part of your body outside the unit; there is a danger of crushing**. Pull the canopy down by means of the handle, which you can easily reach with your right hand.

Operating Panel

! With the STOP/START switch on the operating panel, you can stop the tanning session at any time.

The 2-digit LED display counts down the time in one-minute increments, from the time the unit is turned on. It displays the amount of time you have remaining in your session. At the end of the session, the unit switches itself off and the display shows a single period (.) indicating unit is now in "cool down mode" for approximately four minutes. After "cool down" a double period will appear, (. .) indicating unit has been used and needs to be reset. To clear the clean room indication, press and hold the Up button until the two periods disappear and a "0" appears. During tanning, you can stop and restart the session by means of the STOP/START switch. The session time continues to run during this interruption, i.e. the display continues to count down. By means of the rocker switch you can control the inflow of cooling air from the Body-Fan Super Blower situated at the foot end of the bed. (See additional timer information in section 4)

2.4 Cleaning the Acrylic Sheet: Use Approved Cleaner only!

! Always ensure strict hygiene.

After every use, the acrylic tanning surfaces must be disinfected and cleaned. Use cleaning materials in accordance with the manufacture's instructions. DO NOT pour or spill liquid over unit.

After every tanning session, clean the acrylic sheet with PC Marketing's acrylic cleaner. When using the cleaner, spray it on the acrylic sheet, let sit for 30 to 60 seconds. Always dry it off with a clean cloth.

3.0 INSTALLING THE UNIT

! To install the unit, at least two persons are needed. The room in which the unit is to be installed must be well ventilated. **There is a risk of overheating if proper air conditioning and exhaust is not installed in the tanning room.**

3.1 Installation Site and Delivery Condition

All units are intended only for tanning in the interior of buildings. Operate the unit in areas where there is no risk of hazard and only in dry rooms. The rooms must be well ventilated.
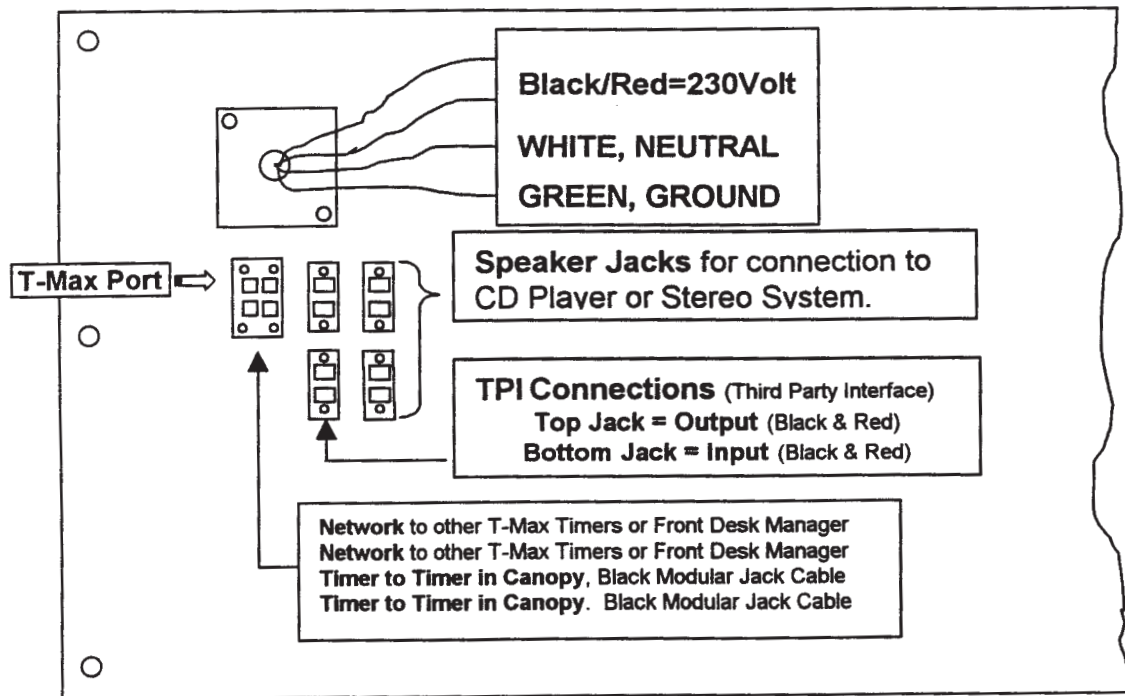
3.2 Installation and Assembly Instructions

1. Remove lift system from packaging and position lift system in room along back wall where tanning unit will exist. Open hardware kit and lay out for easy access during installation. Leave enough room behind lift system to allow securing of lift stand cover at later time.

2. Position base unit in room matching four studs in base to four holes in lift stand. Remove nut and washers from **_one end_** of lower and upper mounting brackets and move lift stand inward over studs and replace large washer, small washer and nuts – DO NOT TIGHTEN. Now remove nuts and washers from other end of brackets and position lift stand again over studs and replace hardware. At this point you can tighten nuts to permanently secure base to lift.

3. Remove four screws from front base cover and remove cover.

4. **DO NOT LAY CANOPY ON THE METAL SIDE. ALWAYS LAY CANOPY WITH ACRYLIC FACING DOWN.**

5. Bring Canopy into room with open area of canopy top facing the lift stand. Cut clear wire tie holding cables in coil and position cables over top of canopy hanging over front edge. Mount canopy to lift by positioning two ears on canopy over ¾" diameter steel rod, you may need to slide lift attachment arms on ¾" rod to match mount on canopy. While having someone hold canopy in upright position **(_CAUTION: DO NOT LIFT CANOPY TO HIGH – WATCH TO MATCH HOLE ALIGNMENT_)** secure canopy-using four (4) 3/8" x 2 x ¾" bolts, lock washers and flat washers. **_Do not tighten until all four bolts are in place._** Now TIGHTEN making sure front edge of canopy is parallel with the floor.

6. Route cables from canopy over ¾" steel mounting bar and down into base through square hole in base.

7. Guide the two thin Black cables (look like telephone cables) from canopy (T-Max Timer Cables) through the base and into the small hole in rear of base (This cutout is near the junction box). Connect cables to timer port, this port is located next to electrical junction box, has four telephone jacks located on it. Cables from canopy connect to TIMER ports; this is marked on circuit board. The other two ports are used in conjunction with the T-Max system (See Remote Timer controls).

Montego Bay Viper

Rear Panel Electrical Box, T-Max Connection, TPI (Third Party Interface) and Speaker Connections.

T-Max Port ⇨

Black/Red=230Volt

WHITE, NEUTRAL

GREEN, GROUND

Speaker Jacks for connection to CD Player or Stereo System.

TPI Connections (Third Party Interface)
Top Jack = Output (Black & Red)
Bottom Jack = Input (Black & Red)

Network to other T-Max Timers or Front Desk Manager
Network to other T-Max Timers or Front Desk Manager
Timer to Timer in Canopy, Black Modular Jack Cable
Timer to Timer in Canopy. Black Modular Jack Cable

8. Route small two- (2) wire cord with four (4) pin connector from stand blower into base area for future connection.

9. Move canopy up and down to assure proper lift movement. If canopy rises in lowered position, reduce tension on both springs equally on lift stand. Be certain that both nuts are locked together on spring eyebolts.

10. Move to rear of bed and secure white lift stand cover using four (4) ½" sheet metal screws.

11. Mount Vent Duct by using six (6) ½" sheet metal screws.

12. Attach white cover on front of lift stand (looks like a "W") using six (6) #8 x 3/8" sheet metal screws (smallest screws in hardware kit), small cap retainers and small white caps.

13. Mount top canopy hood (moving cover) using five (5) ½" sheet metal screws, cap retainers and white caps. Move canopy up and down to assure proper positioning. Readjust if necessary within slots on hood.

14. Bring lounge into room and position on base making sure mounting holes are aligned with flanges on base. Secure lounge to base using four (4) ¼" x ¾" Phillips screws and flat washers.

15. Bring Top tray into room (top tray has ballast, contactor, transformer, etc). Lay tray on floor in front of base and feed the four (4) wires (Black, Red, White, and Green) from this tray through large hole in right rear corner of base. These four wires are now available for the electrical connection in the junction box.

16. Now lift top tray into top rails and push top tray back into base. Make sure all cables from canopy and lounge are off to the left side of tray.

17. Bring bottom ballast tray in and slide tray (ballast and capacitors only) into bottom rails.

18. Connect large cable from top tray to bottom tray. This is a large black connector with three wires within it (Black, Red, and Green). Route cable on right side of trays from top to bottom. This is the jumper cable for power to the lower tray.

19. Now connect the other large cables on the left side of trays as marked.
(See illustration below)

Viper Top Component Tray
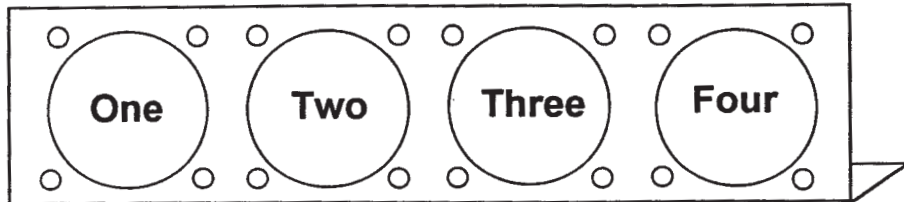
One: Empty
Two: To Base, (Blower, Speakers,TPI)
Three: To Canopy, Timer Functions
Four: To Lounge Lamps

Viper Bottom Component Tray
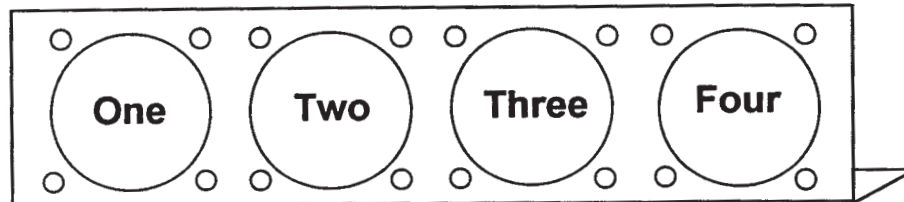
One: Empty
Two: To Canopy Lamps
Three: Empty
Four: Empty

20. Connect the two (2) small (4 pin) connectors to the matching connectors. The four (4) pin connector with two (2) wires connects to the lift stand blower and the other four (4) pin connector with three (3) wires connects to the lounge connector for the body fan.

21. Re-attach front base cover using four (4) ¾" sheet metal screws, cap retainers and white caps.

22. Slide body fan into slide mount on right end of lounge and connect plug to receptacle in lounge.

23. Remove wrapping from end caps. Larger caps fit on the canopy and smaller to lounge. Put fitted black filter material into end caps and remove paper backing off of all velcro squares. Push caps onto appropriate end. Using your thumb push in each indent to secure adhesive to the bed.

24. Connect speaker wires to rear of base if applicable (See diagram page 9).

3.3 Electrical Connection

! Important: The electrical connection should only be done by a qualified electrician. All wiring must conform to all local standards.

The unit is not delivered with a power cable for connection. A certified electrician must make all electrical connections to the appropriate power source as required for that particular model.

4.0 REMOTE TIMER CONTROL

The unit is equipped with an onboard T-Max 3A Timer Control. It can be used in a variety of ways by connection to a T-Max remote Manager system for central control by RJ-22 ports located on the rear base cover. *(refer to diagram on pg. 9)* These ports resemble telephone ports, or the remote timer is compatible with Database, F S T & other remote systems on the market, if T-Max is not being used. (see section 4.8).

4.1 IN-ROOM SINGLE BED CONTROL

4.1A Starting a Session

1) Press the Up or Down Button on the T-Max® 3A until the session time is displayed. If the display shows a 0, and you want to count down from the maximum time, press the down button.

2) Press and release the Start/Stop button to start the session. If a delay other than 0 is entered, the delay will count down. A period on the lower right corner of the display will flash rapidly. When the session starts, the period will flash at a once per second rate.

4.1B Pausing a Session

To pause a session, press the Start/Stop button. The flashing period on the lower right corner of the display will stop flashing. The session time will continue to count down.

To restart a session, press the Start/Stop button on the T-Max® 3A. The period on the lower right corner of the display will resume flashing.

4.1C Canceling a Session.

To cancel a session, press the Start/Stop button to pause the session then press the Up button. The display will show a solitary 0.

4.2 REMOTE SINGLE BED CONTROL

One additional T-Max® 3As is required for remote single bed control.

4.2A WIRING

Place the T-Max 3A at the desired remote location. Connect the 9V @ 200mA power supply to the power in on the back of the remote T-Max 3A.

Run the provided* modular cable from the tanning room to the remote T-Max 3A. Connect the modular cable to one of the RJ-22 ports on the remote T-Max 3A and the other end to one of the network ports on the rear of the tanning bed. Timer ports should have 2 black cables coming from inside of the bed. Plug the power supply into a 120VAC outlet and provide power to the tanning bed.

*Modular cable other than what is provided will interfere with connection. In addition cables must not be cut.

4.2B CONFIGURATION

Set the address on the onboard T-Max 3A in the tanning room to "01", and the address on the T-Max 3A at the front desk to "0" as described in Section 4.5. Disconnect the modular cables when setting the addresses on both T-Max 3As.

Use the Front Desk T-Max 3A to set the delay as described in Section 4.6. Any delay time set on the onboard T-Max 3A in the tanning room will be ignored.

4.2C SESSION CONTROL

Starting a session

1) Press the Up or Down Button on the T-Max 3A at the front desk until the session time is displayed.

2) Press the Start/Stop button on the front desk T-Max 3A to start the session.

If a delay other than 0 is set, the delay will start to count down. A period (.) on the lower right corner of the display will flash rapidly. When the session starts, the period will flash at once per second rate. If there is no delay entered, the session will start immediately.

Pausing during the session

To pause the session press the Start/Stop button on the onboard T-Max 3A. The flashing period on the lower right corner of the display will stop flashing and stay illuminated. The session time will continue to count down and reflect the remaining session time. To restart the session, press the Start/Stop button on the onboard T-Max 3A. The period will continue flashing.

Canceling a Session

Press the Up and Down buttons on the T-Max 3A at the front desk at the same time.

4.3   Using the T-Max 3A with A T-Max Manager or T-Max Manager/Plus

Refer to the T-Max® Manager or Manager/Plus User's Guide for operation.

4.4   Setting Parameters

Note: If you are using a T-Max Manager and multiple T-Max 3As, remove power from the T-Max Manager. Keep power removed from the T-Max Manager until all parameter changes are complete.

1) Apply power to the tanning bed

2) Press and hold the Start/Stop and up buttons on the onboard T-Max 3A until a .1 appears on the display. This should take about 5-6 seconds. Release the Start/Stop button.

3) Press the Up and Down Buttons until the parameter number that you want is displayed.

4) Press the Start/Stop Button to observe the current value for that parameter.

> The Display will show a number with a period in the lower center of the display. The numbers will stop flashing and stay illuminated. The number shown is the current value for that parameter.
>
> For Lamp Hours, Session Counts, etc. the value displayed can be as high as 9999. To display this value, the onboard T-Max 3A will flash two numbers-three times, then two numbers-three times, pause, two numbers-three times, two numbers-three times, pause, etc. For example, if you are checking lamp hours (Parameter 6) and the display flashes the numbers 53 three times, then 14 three times, pauses then repeats, then the total lamp hours stored in that onboard T-Max 3A is 5314 total lamp hours.

5) Press the Up and Down buttons to change the parameter to the desired value. If you want to clear the value for that parameter, press the up and down buttons at the same time until the display shows ".0".

6) Press the Start/Stop Button.
   The display will show the parameter number you just changed and a solid period in the lower center of the display. You may now change another parameter by pressing the up and down buttons until the parameter you want displayed. Repeat Steps 2-4.

7) To exit the Parameter mode and make the onboard T-Max 3A available for the next session, press and hold both the up and down buttons simultaneously until the display shows a 0 with no periods displayed.

Table 1 - Parameter Numbers for Observing and Changing Parameters.

Parm #	Description	Max #	Def ault	Notes
1	Address	255	254	Address of T-Max 3A
2	Beep Mode	1	0	Used for High Power beds. 0=Alarm only, 1=Alarm and Flip
3	Delay Time	5	0	Delay in minutes stored in the T-Max 3A.
4	Current Sense	1	0	For the T-Max Sentry™ Option. 0=Disabled, 1=Enabled.
5	Session Counts	65535	0	Total session counts for T-Max 3As.
6	Lamp Hours	65535	0	Bulb hours for each bed.
7	Bed Hours	65535	0	Number of hours a bed is on.
8	Manual Session Counts	65535	0	Counts the number of sessions the T-Max 3A has run while in Stand Alone Mode
9	Clean Room	1	1	0 = Clean Room Disabled, 1 = Enabled
10*	Manual Lockout	1	0	0 = Stand Alone Enabled, 1 = Disabled
13	Cool Down Mode	10	0	0 = Disabled, 1-10=Enabled. Time delay in minutes allowing bed to cool.
14	5 Min. Beep	1	0	0 = Disabled, 1 = Enabled. T-Max 3A will beep for 10 seconds every 5 minutes.
15	Fixed Session Counts	65535	0	Counts number of sessions ran through the T-Max 3A. This value cannot be changed at all. Used as point of reference.
16	Pulse Mode	1	0	0 = Disabled, 1 = Enabled. When session starts, the relay on the T-Max 3A will close for 1-2 seconds then open.
17	Clean Clear	1	0	0 = Press and hold the Up button for 3-4 seconds to clear the clean room. 1 = Press and release the Up button to clear instantly
18	Redisplay	2	0	0 = After a session ends and the clean room is cleared, the T-Max 3A will show a 0. 1 = After session ends and the clean room is cleared, the T-Max 3A will show the last session time entered. 2-10 = After the session ends and the clean room is cleared, the maximum time will show on the T-Max 3A.
19*	Third Part Interface (TPI) Mode.	1	0	When set to a 1, voltage must be applied by an out side source to the TPI input on the back of the T-Max/003. Use when either a FST or Database Series Timer is controlling the timer.

In this mode, the T-Max 3A cannot operate as a stand-alone timer.

15

4.5 Setting the address

1) Press and hold the Start/Stop and Up buttons until a .1 appears on the display. This should take about 5-6 seconds. Release the Start/Stop button.

2) Press and release the Start/Stop button. A period, number (i.e. .3) will be illuminated with the number flashing.

   Pressing and holding the Up button will cause the display to count up. Once the count reaches 100, the center period will flash rapidly. This is an indication that you are over 99. For example, if the display shows a 0.2 with the period flashing, this is address 102. The highest the display will count up is 254.

3) Press the Up and Down buttons until the address is displayed.

   Note: Set each T-Max 3A to a unique address. Do not set any address to 00. Do not set any address over 100. If the period is flashing, you are over address 100.

4) Press the Start/Stop button. A .1 will be displayed, with the 1 not flashing. To exit Parameter Mode, press and hold the Up and Down buttons until a 0 is displayed.

4.6 Setting Delay Time.

1) Press and hold the Start/Stop and Up buttons until a .1 appears on the display. This should take about 5-6 seconds. Release the Start/Stop button.

2) Press the Up and Down Button until a .3 is displayed.

3) Press and release the Start/Stop button.

   A number will appear on the display and be flashing. A period will be illuminated in the center of the display. This is the current delay time.

4) Press the Up and Down Button until the desired delay time is displayed.

   The highest delay time that can be set on the T-Max® 3A is 10 minutes. If you want no delay time, set the display to 0. If you set the Delay Time to 0, the session time will start immediately after the Start/Stop button is pressed.

5) Press the Start/Stop button until a .3 is displayed. The 3 will not flash. To exit Parameter Mode, press and hold the Up and Down button until a 0 is displayed.

4.7 Clean Room

Once the session time has elapsed, the display will show two solid periods only. This is an indication that the room needs to be cleaned. To clear the clean room indication, press and hold the Up button on the T-Max 3A in the tanning bed until a "0" appears. To disable the clean room feature, set parameter 9 to a 0. (Refer to Section .4.4)

4.8 Using a Database® or FST® Series timer – TPI (Third Party Input Mode)

If you are using a FST or Database Series timers, you will need to place the onboard T-Max 3A in the TPI mode.

4.8A Connecting the TPI Input (See Quick Installation Guide Below)

1. Set Parameter 19 to a 1 (Refer to Section 4.4) for TPI Mode.

2. Connect the two-actuator wires from the FST or Database timer to the TPI input located on rear of base near the junction box.

    When a session is started the FST timer will place 5V on these two wires. If you are using a Database Series Timer, 24 volts will be applied.

3. If you are using a Database Series timer, remove Jumper JP1on onboard timer located in canopy. If you are using an FST Series timer, leave this jumper on. To access onboard timer, remove head end endcap by removing 5 plastic caps and screws. Remove two acrylic screws and now 3 Phillips screws holding timer plate. Carefully pull timer past acrylic and rotate to access Jumper JP1.

4.8B Connecting the TPI Output (See Quick Installation Guide on pg. 18)

FST:

1. There are three wires coming from the FST Series Timer. Two are the actuator wires connected to the TPI input. Connect the third wire to one of the TPI relay output terminals.

2. Run a jumper from the black Actuator wire connected to the TPI input to the other TPI output terminals.

Database:

There are 4 wires coming from the Database Series Timer. Two are the actuator wires connected to the TPI input. Connect the two other wires to the TPI relay output located on rear of base.

When a session is started, voltage will be applied to the TPI input. The display on the T-Max 003 will show zero and count up. When the session ends, the voltage will be removed from the TPI input and bed will turn off.

Note: The T-Max/003 can not be used as a standalone time in the TPI mode.

If the FST or Database Series timers are in delay the T-Max/003 will show a 0. However, pressing the Start/Stop button on the T-Max/003 will eclipse the delay time and start the session. Pressing the Start/Stop button on the T-Max/003 will also clear the clean room indication on the FST and Database timers.

QUICK INSTALLATION GUIDE
(FST, DATABASE SERIES)

Three Wire FST Timer

Rear timer configuration	TPI Jacks (Tanning bed)	
1) (B) – Cold	2	Output
2) (W) – 5 Volts	1	Output
Add Jumper Wire	⇕	
	1	Output
3) (R) - Cold	3	Input

Four Wire FST Timer
(Using Standard Phone Wire)

Phone Wire from the FST	TPI Jacks (Tanning Bed)	
1) Black Wire - Output	1	Output
2) Red Wire – Input	4	Output
3) Green Wire – Input	2	Input
4) Yellow Wire - Output	3	Input

Database Timer

Rear Timer Configuration	TPI Jacks (Tanning Bed)	
1) Actuator Port	3	Output
2) Actuator Port	4	Output
3) Start Switch	1	Input
4) Start Switch	2	Input

- All wiring should be run directly from your desk control timer to your new Montego Bay Tanning Unit. No in room wall switches are needed. Please use diagram as shown. The TPI Jumper must remain on the two pins if installing an FST Timer. The TPI Jumper must be removed if installing the Database.

5.0 PLACING INTO OPERATION

5.1 Technical Data and Dimensions*

Designation	VIPER VHR
Operating Voltage	230V 60Hz 4wire, Single Phase**
Power Requirements	50 amp – 6 Gauge
Weight	1295 lbs.
Length with Body Blower	88 in.
Width	51.5 in.
Height Canopy Open	64.7 in.

*We reserve the right to make technical changes
**We recommend a Buck Boost transformer to properly regulate electrical current as currents vary from location to location.

5.2 Before Placing in Operation

Before installation and placing in operation, the safety instructions and operating instructions must be carefully read and observed.

5.3 Placing the unit into operation for the first time

Before the unit is placed in operation, the local safety regulations and safety instructions must be observed. When the unit is completely installed, electrically connected and connected to the remote timing system (if applicable), it can be placed in operation.

! Instructions to the operator:

DO NOT place any malfunctioning units into operation.
Disinfect the acrylic shield with a UVT (ultraviolet transmitting) acrylic cleaner available through PC Marketing.

Provide protective eyewear and require their use during tanning. Observe and follow recommended exposure schedule, which lists skin type, exposure times and frequencies.

Keep operating instructions available at all times.

Display the safety instructions in a clearly visible manner in the tanning room.

19

6.0 CLEANING IMPORTANT INFORMATION FOR THE OPERATOR

! Ensure extremely strict hygiene on the tanning unit and in its vicinity. Dust deposits reduce the tanning effect. DO NOT pour or spill liquids over the unit, so that no moisture can penetrate under the covers and into the electrical equipment. Use cleaning materials in accordance with manufacture's instructions. Follow the recommended waiting time for acrylic cleaners as per manufacture's instructions.

☐ Frame

Clean the painted external surfaces of the unit with a slightly damp cloth; some detergent can be added to the water. DO NOT use abrasive materials. Stubborn dirt can be removed with a soft cloth and a biodegradable cleaning material.

☐ Acrylic sheet

Use only the genuine PC Marketing acrylic cleaner, or approved equal. If cleaning materials other than the above are used, we cannot accept any warranty liability. When using the PC Marketing acrylic cleaner spray it on the acrylic sheet, let it sit for 30 seconds, and dry it off with a clean, dry cloth. Occasionally, also clean the side of the acrylic sheet facing the lamps. To do this, take the acrylic sheet off.

☐ Reflector
When changing lamps, wipe the reflectors by means of a cloth moistened with alcohol.

7.0 MAINTENANCE AND REPAIR

! Always disconnect the unit from the power source.

The owner / operator of this unit must ensure that the unit is always operated in a perfect working condition. Ensure regular maintenance and checking of all the technical equipment.

Only authorized technicians should work on this unit. Working procedures, which jeopardize the safety of the unit, must not be used. Always obtain genuine spare parts through PC Marketing. DO NOT operate the unit without the acrylics in place.

7.1 Changing the Acrylic Sheet

The acrylic sheets are produce and formulated from specially treated acrylic materials highly transparent to UV light. The process of forming and molding the acrylic sheets is done within an exact temperature controlled environment. Finally, the acrylics are annealed (oven baked) for longevity. This strict process of manufacturing can have no deviation.

⇒ Therefore, when replacing acrylic sheets, please be aware that all suppliers DO NOT manufacture acrylic sheets the same. To be sure you are receiving genuine replacement acrylic sheets. Contact PC Marketing.

When a replacement is delivered, the acrylic sheet is covered with a protective covering on both sides. Before installing in the tanning unit, pull off the protective covering. DO NOT operate the unit without the acrylic sheet, as the cooling of the lamps cannot be assured.

☐ **Acrylic sheet on the canopy: removal and installation**

Remove 4 screws, 2 on each end. This will release the acrylic allowing it to slip backward into the rear lip. The front edge of acrylic should now be exposed, with both hands let the front drop down and lift out of the canopy. Reverse steps for installation.

☐ **Acrylic sheet on the lounge: removal and installation**

Remove 2 screws, 1 on each end. This will release the acrylic allowing it to be pushed into the rear lip. The front edge of acrylic should now be exposed, with both hands on front edge of acrylic lift out of the lounge. Reverse steps for installation.

7.2 Changing the Tanning Lamps

! Turn off the power to the unit before changing lamps.

RELAMPING INSTRUCTIONS
REPLACEMENT LAMP TYPES
CAUTION: REPLACE ONLY WITH ORIGINAL LAMPS OR FDA APPROVED EQUIVALENT

LOUNGE: COSMEDICO 160W VHR BI-PIN TYPE: 16180 – 160W
CANOPY: COSMEDICO 160W VHR BI-PIN TYPE: 16180 – 160W
⇒ To obtain replacement-tanning lamps, please contact PC Marketing. No liability can be accepted if replacements other then genuine lamps, and starters are installed.

Instructions for changing the Tanning Lamps

Take off the acrylic sheet as previously described. Rotate the lamp in either direction so that one contact pin goes into the grove (which is open at the bottom) of the holder. Pull the lamp out downwards. Hold the new lamp horizontally so that the contact pins are vertically above one another. In this position, align the lamps into the groove, which is open at the bottom. Tilt the lamp so that one contact pin fits firmly in the wing of the groove. Rotate the lamp so that the second contact pin snaps into the other wing of the groove.

☐ **Burning in the lamps**

Initially, the lamps have slight color differences. This phenomenon disappears after a short time. The lamps shine less brightly at the ends. This is due to physical reasons and is not a defect in the lamps.

☐ **Replacing the tanning lamps**

The output of the lamps gradually decreases over time, and this effect cannot be visually detected. PC Marketing recommends that lamps should be replaced after approximately 800 hours of operation.

7.3 Changing the Filters

The air for cooling the unit enters it through micro filter pads. Lint, hair, dust particles etc., are filtered out there, so that the internal parts of the unit, such as lamps etc., do not have to be cleaned as often. After prolonged use, these filtered-out particles clog the filters and thus impair the cooling of the unit. Therefore, you must occasionally replace or clean the filter pads to prevent overheating of the unit. To clean filters remove end caps that are attached with velcro. Filter material can then be removed and cleaned by vacuuming or washed out using mild soapy water. Wring out filters and replace into end cap and back on bed. The replacement/cleaning interval is dependent upon operating times and local environmental conditions.

⇒ You must check the filters after every 200 hours of operation; the filters must not be more then half clogged.

Obtain genuine filter pads only through PC Marketing or authorized distributor.

8.0 GENERAL TROUBLESHOOTING GUIDE

The following trouble-shooting information is divided into two sections. **Section A** contains items, which the owner may check without the aid of a service technician. **Section B** contains items, which must be performed by a **qualified service technician only.** If you should have any questions other than the ones listed in your trouble-shooting guide, please contact your distributor or PC Marketing Inc. *(Note: All units are not the same, therefore some symptoms may not apply to your unit).*

SECTION A - without the aid of service technician

CAUSE:	SOLUTION:
1. Sunbed does not operate	
a. No power to unit	Check circuit breaker-servicing unit.
b. Timer will not start unit	Check timer instructions section 4.
2. Lamps will not light	
a. Lamps not properly seated	Remove lamp(s), inspect contact pins on lamp(s), reinstall securely into lamp holder(s).
b. Faulty lamp(s)	Replace
c. Faulty lamp starter(s)	Replace
3. Canopy does not hold its position when set	
a. Loose springs	Adjust spring tension by tightening eye-bolts (in rear pedestal stand)
b. Faulty piston(cylinders).	Replace
4. Unit is running hot	
a. Room too small, or improper ventilation	Provide sufficient space and ventilation
b. Air filter pads dirty	Clean or replace
5. Sunbed is not tanning	
a. Acrylic is dirty	Clean both sides of both acrylics
b. Lamps and reflectors are dirty	Remove lamps, wipe with damp cloth, dry. Also wipe reflectors
c. Effective lamp life near ending	Replace all lamps with new lamps
d. Effective acrylic life near ending	Replace with new acrylic sheets

SECTION B - to be performed by a qualified service technician.

All services in the following section are to be performed by a **qualified service technician.** This section is to aid in isolating and correcting any problems, which may occur. **It is not intended for use by the owner.** Refer to the assembly instructions included in this manual for guidance in disassembling and wiring the sunbed. Disconnect all power to the bed before servicing. <u>Use only factory authorized components for replacement parts.</u>

CAUSE:	SOLUTION:
1. Sunbed does not operate	
a. Incorrect incoming power	Check electrical connection against wiring diagram and correct as necessary
b. Faulty transformer	Replace
c. Faulty contactor	Replace
d. Faulty timer or connections	Check wiring circuit and correct as required.
e. Flag switch not engaging	Check flag switch in the base main blower
2. Lamps will not light	
a. Poor wire connection at lamp holder	Check for loose wire
b. Faulty or defective holder	Replace
c. Incorrect incoming voltage	Check voltage supply
d. Ballast not functioning properly	Check for loose wire (to and from)ballast, replace ballast if required
3. Sunbed running hot	
a. Incorrect incoming power	Check voltage supply and correct as required
4. Sunlamp is not tanning	
a. Incorrect incoming power	Check voltage supply and correct as required
5 Sunlamp will not shut off	
a. Faulty contactor	Replace
b. Faulty timer	Replace (must return defective to distributor).

9.0 Wiring Diagrams

VIPER VHR CANOPY
WIRING DIAGRAM
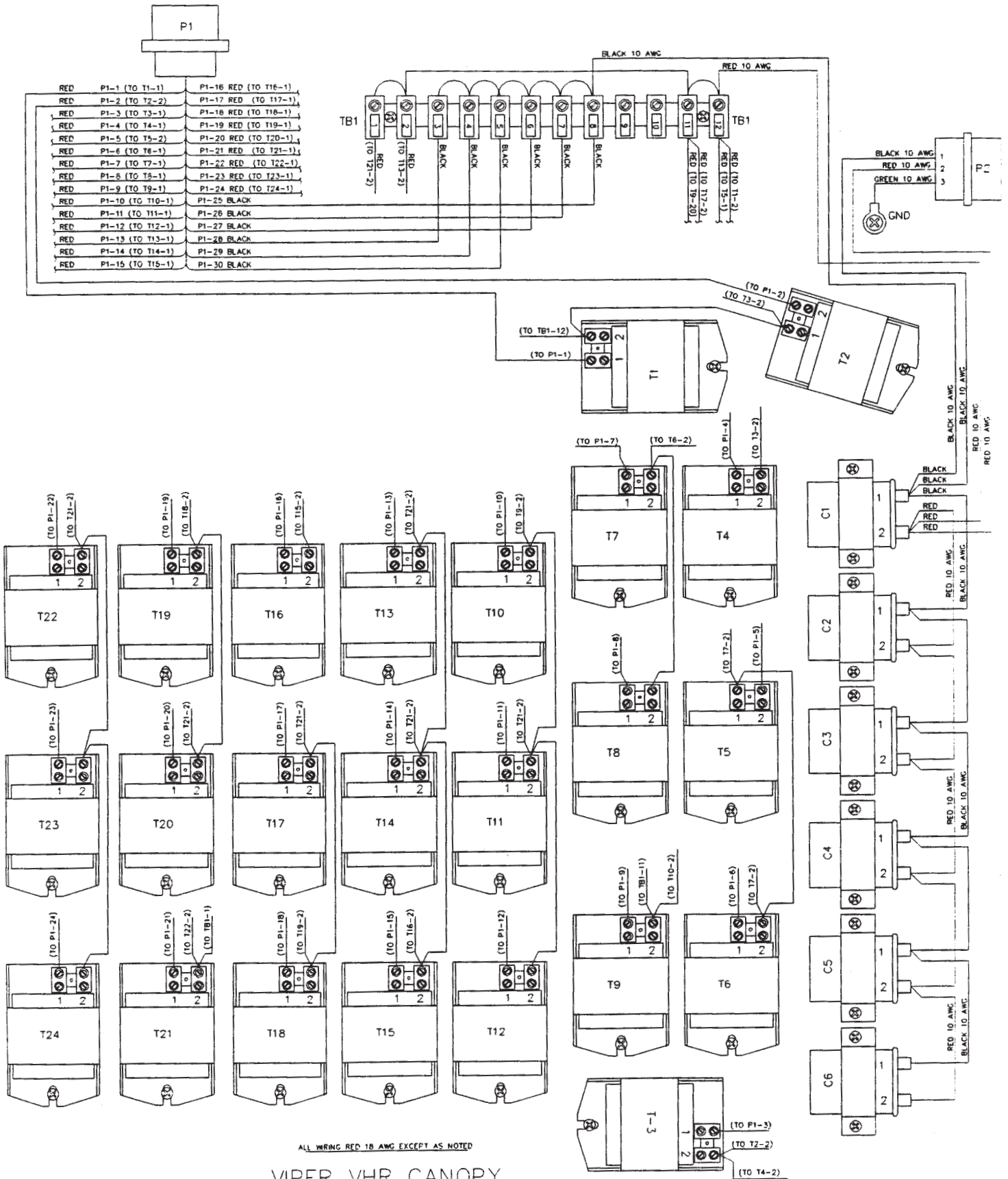
ALL WIRING RED 18 AWG EXCEPT AS NOTED

VIPER VHR LOUNGE
WIRING DIAGRAM

P1

BLACK	P1-1	(TO COIL1-L1)
BLACK	P1-2	(TO T18-1)
WHITE	P1-3	(T18-2)
BLACK	P1-4	(TO P5-1)
BLACK	P1-5	(TO T5-1)
RED	P1-6	(TO P5-3)
RED	P1-7	(TO P4-1)
BLACK	P1-8	(TO TB4-4)
RED	P1-9	(TO TB4-3)
BLACK	P1-10	(TO TB3-4)
RED	P1-11	(TO TB3-3)
BLACK	P1-12	(TO TB4-2)
RED	P1-13	(TO TB4-1)
YELLOW	P1-14	(TO TB3-2)
BROWN	P1-15	(TO TB3-1)

P2

RED	P2-1	(TO T1-1)	P2-16 (TO T16-1)	RED
RED	P2-2	(TO T2-1)	P2-17 (TO TB1-1)	BLACK
RED	P2-3	(TO T3-1)	P2-18 (TO TB1-2)	BLACK
RED	P2-4	(TO T4-1)	P2-19 (TO TB1-4)	BLACK
RED	P2-5	(TO T5-1)	P2-20 (TO TB1-3)	BLACK
RED	P2-6	(TO T6-1)	P2-21 (TO TB1-5)	BLACK
RED	P2-7	(TO T7-1)	P2-22 (TO TB1-7)	WHITE
RED	P2-8	(TO T8-1)		
RED	P2-9	(TO T9-1)		
RED	P2-10	(TO T10-1)		
RED	P2-11	(TO T11-1)		
RED	P2-12	(TO T12-1)		
RED	P2-13	(TO T13-1)		
RED	P2-14	(TO T14-1)		
RED	P2-15	(TO T15-1)		

T4 T7 T10 T13 T16
T1 T3 T6 T9 T12 T15
T2 T5 T8 T11 T14

C1
(TO TB2-11) RED 10 AWG
(TO TB2-7) BLACK 10 AWG
BLACK 10 AWG RED 10 AWG

C2

C3
BLACK 10 AWG RED 10 AWG

C4
(TO TB1-12) RED 10 AWG
(TO TB1-1) BLACK 10 AWG

TB4
4 BLACK (TO P1-8)
3 RED (TO P1-9)
2 BLACK (TO P1-12)
1 RED (TO P1-13)

TB3
4 BLACK (TO P1-10)
3 RED (TO P1-11)
2 YELLOW (TO P1-14)
1 BROWN (TO P1-15)

P4
1 RED (TO P1-7)
2 BROWN (TO COIL1-L3)
3 BLUE (TO COIL1-X-2)
4 BLACK (TO P1-41)

P5
1 BLACK (TO P1-5)
2 WHITE (TO COIL1-L2)
3 RED (TO P1-6)

T18
(TO P1-3) WHITE
(TO P1-2) BLACK
(TO COIL 1 L-2) WHITE
(TO COIL 1 L-3) BLACK
GREEN
GND

COIL 1
L3 L2 L1
(TO TB2-12) RED 10 AWG
(TO TB2-10) WHITE 10 AWG
(TO TB2-8) BLACK 10 AWG
LOWER LEVEL X-2
LOWER LEVEL X-1
BLUE (TO P4-4)
RED 8 AWG
BROWN (TO P4-2)
WHITE 8 AWG
WHITE (TO P5-2)
WHITE 18 AWG
BLACK 8 AWG
BLACK (TO P1-1)
BLACK (TO T18-4)
(TO T18-3)

TB2
11 12 RED 10 AWG (TO COIL1-T3)
9 10 WHITE 10 AWG (TO COIL1-T2)
7 8 BLACK 10 AWG
5 6 RED 10 AWG
3 4
1 2 BLACK 10 AWG

P3
1
2
3 GREEN 10 AWG
GND

TB1
1 BLACK (TO P2-17)
2 BLACK (TO P2-18)
3 BLACK (TO P2-20)
4 BLACK (TO P2-19)
5 BLACK (TO P2-21)
6 BLACK
7 WHITE (TO P2-22)
8 RED
9 RED (TO T1-1)
10 RED (TO T4-2)
11 RED (TO T3-2)
12 RED (TO T3-2)

BLACK 10 AWG WHITE 10 AWG RED 10 AWG

ALL WIRING 18 AWG EXCEPT AS NOTED