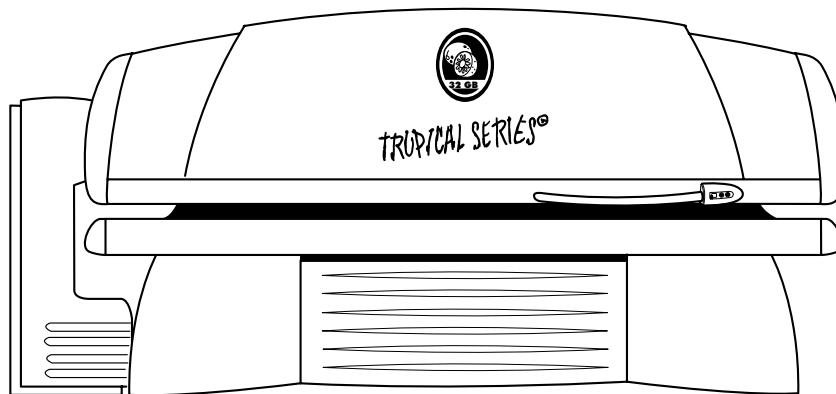


# INDOOR TANNING EQUIPMENT

Care, Use and Installation

Instructions



**Tropical Series, 32 GB, 41 U-P-P**



**PC MARKETING  
1040 WILT AVENUE  
RIDGEFIELD, NJ 07675**

**1-800-FAST TAN**

**Preface**

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.

<b>TABLE OF CONTENTS</b>	<b>PAGE</b>
<b>1. USER INSTRUCTIONS</b> .....	<b>3-6</b>
1.1 Before Placing in Operation .....	3
1.2 Placing the Unit in Operation .....	3
1.3 Safety / Warnings .....	3-5
1.4 Proper Operation .....	5
1.5 Product Liability .....	5
1.6 Emergency Procedure .....	5
1.7 Explanation of Danger Symbols .....	5
1.8 Location of Person Using Unit .....	6
<b>2. OPERATION / INFORMATION FOR THE USER OF THE UNIT</b> .....	<b>6-7</b>
2.1 Start of Tanning. ....	6
2.2 Important Technical Details .....	6
2.3 Interior Tanning Space .....	6-7
2.4 Cleaning the Acrylic Sheets .....	7
<b>3. INSTALLING THE UNIT</b> .....	<b>7-10</b>
3.1 Installation Site and Delivery Condition .....	7
3.2 Installation and Assembly.....	7-9
3.3 Connection of Air Outlet .....	9
3.4 Electrical Connection .....	10
3.5 Remote Timer Control .....	10
<b>4. PLACING INTO OPERATION</b> .....	<b>10</b>
4.1 Technical Data and Dimensions .....	10
4.2 Before Placing the Unit into Operation .....	10
4.3 Placing the Unit into Operation for the First Time .....	10
<b>5. CLEANING - IMPORTANT INFORMATION FOR THE OPERATOR</b> .....	<b>11</b>
<b>6. MAINTENANCE AND REPAIR</b> .....	<b>11-13</b>
6.1 Changing the Acrylic Sheet .....	11-12
6.2 Maintenance of the Face Tanners (GB VERSION) .....	12-13
6.3 Changing the Tanning Lamps .....	13
6.4 Changing the Filters .....	13
<b>7. NOTES</b> .....	<b>13</b>
<b>8. GENERAL TROUBLE SHOOTING GUIDE</b> .....	<b>13-14</b>
<b>9. FIGURES 1 THRU 7</b> .....	<b>16</b>
<b>10. ITEMIZED PARTS LIST</b> .....	<b>16-17</b>
<b>11. WARRANTY</b> .....	<b>17-18</b>

## 1 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. Medications or cosmetics may increase your sensitivity to the ultraviolet radiation. 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 use of this product. Repeated exposure may cause premature aging of the skin and skin cancer. **WEAR PROTECTIVE EYEWEAR: FAILURE TO DO SO MAY RESULT IN SEVERE 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

Schedule for lamps type: see lamps page 12 at **15 Min.-Timer**.

SKIN TYPE	WEEK 1 1ST-3RD SESSIONS	WEEK 2 4TH-6TH SESSIONS	WEEK 3 7TH-10TH SESSIONS	WEEK 4 11TH-15 <sup>TH</sup> SESSIONS	WEEK 5 & SUBSEQUEN SESSIONS
II - FAIR	3 MIN	5 MIN	9 MIN	15 MIN	15 MIN
III - AVERAGE	5 MIN	6 MIN	9 MIN	15 MIN	15 MIN
IV - BROWN	5 MIN	8 MIN	11 MIN	15 MIN	15 MIN
V- DARK BROWN	5 MIN	8 MIN	11 MIN	15 MIN	15 MIN

Schedule for lamps type: see lamps page 12 at **20 Min.-Timer**.

SKIN TYPE	WEEK 1 1ST-3RD SESSIONS	WEEK 2 4TH-6TH SESSIONS	WEEK 3 7TH-10TH SESSIONS	WEEK 4 11TH-15 <sup>TH</sup> SESSIONS	WEEK 5 & SUBSEQUENT SESSIONS
II - FAIR	4 MIN	8 MIN	12 MIN	20 MIN	20 MIN
III - AVERAGE	4 MIN	8 MIN	14 MIN	20 MIN	20 MIN
IV - BROWN	5 MIN	10 MIN	16 MIN	20 MIN	20 MIN
V- DARK BROWN	5 MIN	10 MIN	18 MIN	20 MIN	20 MIN

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 15 minute sessions is recommended from the fifth week onward.

**USE PROTECTIVE EYEWEAR (Schmerter model no. 2255, PC MARKETING ART. NO 81455) 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 photo-sensitive medications, consult your physician before using this product.

Children, persons with fair skin, elderly persons and persons who have a history of skin problems or believe yourself especially sensitive to sunlight, should avoid using this product. If you do not tan in the sun you are unlikely to tan from the use of 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. One pair of 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 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 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 OVER-EXPOSURE TO NATURAL SUNLIGHT OR UVB TANNING SYSTEMS.

- SKIN TYPE II- THIS IS THE INDIVIDUAL THAT USUALLY BURNS EASILY AND ASILY 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**

**TIMER 15 Min.**

SKIN TYPE	WEEK 1 1-3RD SESSION	WEEK 2 4-6TH SESSION	WEEK 3 7-10 <sup>TH</sup> SESSION	WEEK 4 11-15TH SESSION	WEEK 5 & SUBSEQUENT SESSIONS
II - FAIR	3 MIN	5 MIN	9 MIN	15 MIN	15 MIN
III - AVERAGE	5 MIN	6 MIN	9 MIN	15 MIN	15 MIN
IV - BROWN	5 MIN	8 MIN	11 MIN	15 MIN	15 MIN
V - DARK BROWN	5 MIN	8 MIN	11 MIN	15 MIN	15 MIN

## TIMER 20 Min.

SKIN TYPE	WEEK 1 1-3RD SESSION	WEEK 2 4-6TH SESSION	WEEK 3 7-10 <sup>TH</sup> SESSION	WEEK 4 11-15TH SESSION	WEEK 5 & SUBSEQUENT SESSIONS
II - FAIR	4 MIN	8 MIN	12 MIN	20 MIN	20 MIN
III – AVERAGE	4 MIN	8 MIN	14 MIN	20 MIN	20 MIN
IV – BROWN	5 MIN	10 MIN	16 MIN	20 MIN	20 MIN
V - DARK BROWN	5 MIN	10 MIN	18 MIN	20 MIN	20 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.

SINCE YOUR 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 UNIT IS REQUIRED FOR COMFORTABLE OPERATION.



## WARNING

COMMERCIALY 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 POLYETHYLENE/GLYCOL MONO LAURATE** AND ARE DESIGNED FOR USE WITH INDOOR TANNING EQUIPMENT. FAILURE TO COMPLY WITH RECOMMENDATIONS AND WARNINGS STATED ABOVE MAY VOID THE MANUFACTURER'S WARRANTY.

THIS UNIT **MUST NOT** BE USED IF THE TIMER IS FAULTY OR IF A FILTER GLASS IS BROKEN.

### 1.4 Proper Operation

All units are intended solely for indoor tanning. 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 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 unauthorised 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 by operating the main power switch or circuit breakers, and secure the unit to prevent it from being switched on again without authorization.

### 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 in the unit's interior tanning space.

## 2 OPERATION / 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 Button (3) on the operating panel.

### 2.2 Important Technical Details



**Important information ! - You must read this!**

- Desired air inflow (super body fan blower) switch the rocker switch (5) on the operating pane inside the unit to adjust desired body cooling air inflow.
- Fans - to cool down the unit, the fans continue to run for approximately four 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 along the rails of the lounge; there is a danger of crushing.**

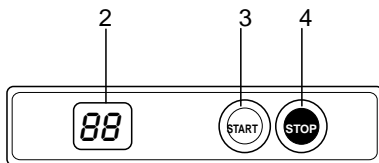
Pull the canopy down by means of the handle (1), which you can easily reach with your left hand.

### Operating Panel



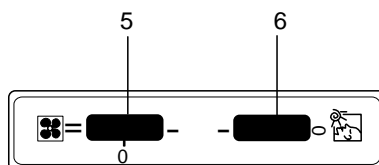
**By pressing the button (3) you can interrupt the tanning session at any time**

#### Panel 1



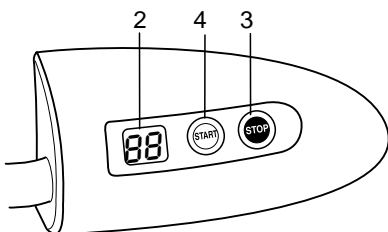
The functions on panel 1 in the tanning interior space on panel 3 in the hand grip are identical and switched in parallel. You can therefore use the one which is in the most comfortable position for you.

#### Panel 2



The 2-digit LED display (2) counts up the time in increments of one minute and will display the time spent tanning. After the end of the session, the unit switches itself off and the display shows 0.

#### Panel 3



During tanning you can stop the session by me means of the STOP button (3), and you can start it again by means of the START button (4). The session time continues to run down during this interruption, i.e. the display continues to count down.

By means of the rocker switch with the fan symbol (5), you select the desire air inflow during tanning. This rocker switch (5) controls the inflow of cooling air from the Superfan (7) situated at the foot end of the bed. The setting of the rocker switch selects the intensity of the inflow of cooling air.

- |                               |                                 |
|-------------------------------|---------------------------------|
| Middle Setting                | - Inflow of cooling air OFF     |
| Symbol: Circle half filled in | - Half inflow of cooling air    |
| Symbol: Circle filled in      | - Maximum inflow of cooling air |

By means of the rocker switch with the face symbol (6), the U-P-P Lamps or the face tanners (depending on the type of unit) are switched on to supplement the long fluorescent lamps.

## 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 as directed on label. Always dry it off with a clean cloth.

## 3 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

Dismantling the canopy (figure 1)

Remove packing and the Superfan . Remove the front cover (18) (figure 2) by grasping it on the two thin sides and then pulling forward. The Velcro strips come undone.

Remove the cover plate (19) by undoing screws (20). Raise the canopy and remove the headrest (84). Take off the upper cover (8) by sliding the cover from the rear of the unit towards the middle until the cover slides out of the rear rail. Then take it out of the large cover (53). Take off the cover (9) by removing the caps(10), screws (11) and inserts (12). Disassemble the cover (13) and the cover plate 941 the same way. Always unscrew the two hexagon head bolts (15) with washers (16) from the two holders (14) on the rear side of the canopy and put them aside for later assembly.



**DO NOT remove the upper pan head screw (17). By means of this screw the canopy is suspended in the holders of the lift (14).**

Check that all connectors in the right hand cavity of the pedestal (30) are undone. Take the canopy off by pulling the pan head screws (17) over the holders (14).



**Do not disassemble the two long grey cable (43) from the canopy, they should remain attached.**

#### • Dismantling the Lounge, Pedestal and Lift (figure 2)

Pull the drawer (21), the canopy drawer (22) and the controls drawer (23) out of the guide rails.



**Important! The GB Model has only two drawers.**

Undo the nuts (24) and washers from the centring pins (49) which secure the lounge. With an assistant lift the lounge and place it on a suitable surface. Be careful with the connecting cables (42). Remove the 4 hexagon head bolts (25) and washers (26) from the inside of the pedestal. Keep these parts in a safe place for later assembly. Remove the two rear trim pieces (27 & 28) which are fixed with strips of Velcro. Disassemble the side trim panels (31,33) by removing the screws. On trim panel (32) only slacken the two screws (88) and remove the other two screws (89) completely. The cover can then be pulled off to the front. Carry all the parts when you install the unit.

• **Assembly of the Lift and Pedestal. (figure 2)**

Set up the lift (29), and position the pedestal (30) centrally and flush in front of the lift. Now, working from the inside of the pedestal, join the lift (29) and the pedestal (30) by screwing the four hexagon socket-head screws (25) and washers (26) again.

• **Assembly of the pistons. (figure 7)**

Both pistons must be installed when assembling your new tanning unit on site. Insert the pistons in the stand before the canopy is mounted.

TROPICAL SERIES 41 U-P-P:	2 pistons	with 950 N
TROPICAL SERIES 32 GB:	1 piston	with 950 N
	1 piston	with 950 N

Hold the piston (figure 7) between the U-shaped part of the stand so that the fixing fork (2) of the piston shows in the direction of the holder for the canopy (3). The piston must be assembled with the fat end (body) down and the skinny end (shaft) up. (see figure 7)



**All bolts must be lubricated**

Take the shorter bolt (4) which is 23 mm long and put it through the fixing fork of the piston and through the holder for the piston. Fasten the bolt by the two washers (5). Take the bolt of 46 mm length (6) and lead it through the U-shaped part of the stand, through both spacers (7) and through the piston. Fasten also this bolt by the 2 washers (5). Install the second piston the same way. Now the canopy can be assembled.

Push the lounge drawer (21) onto the upper guide rails, the canopy drawer (22) onto the middle guide rails and the controls drawer (23) onto the lower guide rails.



**The Unit with high pressure facial (GB) has only 2 drawers. The drawer with the operating hour counter (34) is the controls drawer. Always slide this control drawer on the lower guide rails. Join the connectors of the high pressure facial unit in same manner as the low pressure unit U-P-P . All connectors are coded.**

Pull the supply power cable (34) from the controls draer outwards over the clamping screw (35) and strain relief clamp which is on the right front part of the pedestal. Leave enough cable in the right hand space of the pedestal so that the controls drawer can still be pulled out. Connect the short cable socket (36) to the plug on the clamp (37). Connect the lounge drawer connector (38) and the canopy drawer connector (39) to the main drawer.



**The connectors are marked 1-1 and 2-2. Join the same numbers together**

Place the 29 pole socket (40) from the lounge drawer on the right in the insede of the pedestal. The socket is connecting the lounge. ull the two 29 pole socket (47 and 48) from the canopy module (22) also into the right of the pedestal open space.

• **Assembly of the Canopy (figure 1)**

Lift the canopy with an assistant and hold it above the lift so that the head of the pan head screws (17) can be inserted in the lift holders (14).



**For safety, screw in the four hexagon head bolts (15) and washers (16) and be sure to tighten them.**

Guide the two large grey cables (43) between the two lift cross members (44), through the air intake hole and along the pedestal rear wall to the right hand open space on the front of the pedestal. Connect the two plugs (45 and 46) to the two control module sockets (47 and 48).

Fix the cover (13) with screws. Then mount the cover plate (41), the cover (9) with the inserts (12), screws (11) and partially with the caps (10). Put the upper cover plate (8) back in place . guide this first into the slot in the large cover (53), then press it further in this direction until it locks in the rear rail. Fix the cover (104) again by screwing in the screws (105) and by tightening the screws (106). Fix the cover (45) from behind with the inserts, screws and (in some cases) the covering caps.



**The connectors are coded.**

• **Assembly of the Lounge (figure 2)**

Hold the base over the pedestal so that the centering (49) are in the front. Place the lounge on the pedestal so that the centering pins slide into the holes (50) provided for them and the lounge cable falls into the right hand pedestal space. Connect the lounge cable plug (42) to the lounge drawer socket (40). Secure the lounge with nuts (24) and washers.





**Switch the rocker switch (54) to coin operation or if the equipment is to be used privately, to timer operation (see chapter 9, Privately Operated Unit)**

Always read the total operating hours from the operating hours counter (34) Mount the cover plate (19) by screwing in the screws (20). Then mount the side trim panels (31, 33). It should be noted that the supply power cable must be fed through the circular opening in the right hand trim panel (31). Put the cover (32) on by sliding it from the front under the head of the screwed in screw (88) and then tighten screws (88,89). The front cover (18) and the two rear trim panels (27 and 28) are each fitted with strips of Velcro. Press on these to mount the side trim panels.

- **Assembly of the Superfan**

Put the Superfan (7) approx. 2 inches from the front of the lounge on the foot side in the opening in the two covers (32 and 33). Connect the Superfan cable (51) to the appropriate socket (52) on the pedestal.

**Note:**

If the construction of the room space is limited for side access, it is possible to mount the Superfan from the front. To do this slightly loosen the two rear screws (88) on the side trim panel (32) and completely remove the front screws (89). Pull the trim panel (32) out forwards. Then slide the Superfan (plug in the cable) and then the trim panel into their positions from the front. Tighten all four screws on the cover.

### **3.3 Connection of the Unit's Air Outlet (figure 1)**

The unit are designed so that the heated cooling air is either blown into the room and is discharged from there via the cubicle air extraction system, or is blown towards the rear or at the right hand side directly into the outside area via the central air-discharge connection which is present on each unit. In its delivered state, the unit is designed so that the heated air is blown into the room.



**However, direct discharge of air (central air discharge) is the most effective manner and is recommended.**

**Optional accesories: pipe connectors, hose clamps, air outlet hose.**

**Direct discharge of air with the air outlet at the rear (figure 1)**

Replace the rear cover plate (55) the connecting plate (56), and replace the slotted air discharge cover (57) at the side by the solid cover plate (55). If the hole in the wall cannot be made directly behind the connecting plate (56), the distance can easily be bridged with an air hose. Fixing the hose to the connecting plate (56) is done by a hose clamp. The hose adapters (connecting plate, hose clamps, etc) can be obtained from your authorized dealer.

- **Direct discharge of air with the air outlet at the side (figure 1)**

Remove the slotted air discharge cover (57) from the side air-outlet. There, attach a connecting plate, and to that you must connect an air discharge hose by means of a hose clamp. The air discharge opening at the rear remains closed. By means of duct connecting plates, a wall sleeve and automatic outlet flap, route the air discharge hose into the outside atmosphere, or connect it to an air duct.

- **Air Discharge Collar Accessory**

The direct discharge of outlet air can be performed by an air discharge collar (90) which replaces the connecting plate (56). Using this air discharge collar part of the warmed cooling air can be fed into the room and can pleasantly warm the during the cold periods of the year without additional costs. The amount of warm air fed into the room is controlled by opening the air slot on the air discharge collar with the round knob. The air discharge collar can be obtained from your dealer or from PCM. Please call for details.



**Attention, important information ! You must observe this; there is a danger of overheating!**

**To avoid excessive resistance to the air flow, the hose should not be longer than 6 feet and should be laid so that any bends have as large a radius of curvature as possible, and without kinks. If the air is discharged to the outside by a ventilation duct, it must be ensured that the flow resistance in the interior of the duct is as low as possible; if necessary, an additional fan might need to be installed there. In this case, please consult a ventilation engineer. The rate of discharge is about 1500 m<sup>3</sup> / hour; accordingly, fresh air must be allowed to enter the room at the same rate. Therefore, you must provide fresh air openings in the wall of the cubicle, having unobstructed cross section of at least 700 cm<sup>2</sup>.**

### 3.4 Electrical Connection



**Important:** The electrical connection work should only performed by a certified electrician in accordance with local laws



**Important:**

In the case of connection to a fault current circuit-breaker (<=) 30 mA, it must be noted that, during the ignition process, discharge current peaks occur which are so short that they can only be detected with an oscilloscope. Therefore, if several units are operated together to one and the same fault current circuit-breaker, the peaks can be additive and can cause the fault current circuit-breaker to trip even although there are no defects in the units.

### 3.5 Remote Timing Control



**Therefore, never connect more than one unit to one and the same fault current circuit-breaker (< =) 30 mA**

- **Disconnect the unit from the mains!**

The unit is equipped for connection to a remote timer system for central control.

- **Coding plug for connection to a remote timing system (Figure 2)**

Insert the coding plug (85) with cable (86), which is situated on the right-hand end face of the pedestal, into the special socket with retaining clip. This cable forms the connection to the token box of remote system. The cable has four cores (phase, switched phase, neutral). Therefore, the remote control system does not need a separate electrical connection ground.

## 4 PLACING INTO OPERATION

### 4.1 Technical Data and Dimensions\*

Designation	Tropical Series	
	32 GB	41 U·P·P-i
Power (W)	4,600	4,300
Operating Voltage	220V 60 Hz Single Phase	220V 60 Hz Single Phase
Amperage	40	30
Weight	685 lbs	640 lbs
Length with InterCooler	88.5 in.	88.5 in.
Width	44 in.	44 in.
Height Canopy Open	55 in.	55 in.

\* We reserve the right to make technical changes

### 4.2 Before Placing in Operation

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

### 4.3 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 supplied by 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.

## 5 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.

## 6 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 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.

### 6.1 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 lounge: installation and removal (figure 3)

Remove the two pan head screws (60). Push the acrylic sheet (82) from the front long side back between the reflector and side rail until the front long side of the sheet is free. Now tip the front free side of sheet up a little. Then lift the other side out of the long channel. Slide the sheet backwards between the reflector and rail until opposite front long edge can also be engaged. Adjust the acrylic sheet so that the notched holes in the acrylic sheet align with the holes in the front part. replace the screws (60).

#### • Acrylic sheet on the canopy: installation and removal (figure 4)

Remove the six pan head screws (61). The acrylic sheet is now free. Press the acrylic sheet (83) back in the direction of the lamps and the rail until the sheet can be re-moved from the long channel on the front rail. Now tip the free side of the sheet down a little. Then lift the other side out of the long channel. When reinstalling place the acrylic in the long channel. Press the sheet backwards in the direction of the lamps and strut until the opposite front long side can also be installed. Adjust the acrylic so the the notched holes in the sheet align with th holes in the front part. Replace the screws (61).

**RELAMPING INSTRUCTIONS  
REPLACEMENT LAMP TYPES**

**CAUTION: REPLACE ONLY WITH ORIGINAL LAMPS OR FDA APPROVED EQUIVALENT**

	<b>15 Min. Timer</b>	<b>20 Min. Timer</b>
<b>41 U.P.P CANOPY:</b>	<b>COSMEDICO - COSMOLUX VLR FR71 100W BI-PIN (PART NO: 18810) COSMEDICO - SHORT LAMPS LS 25W BI-PIN (PART NO. 10 030)</b>	<b>COSMEDICO - COSMOLUX SP 25 short lamp (10039) WOLF SYSTEMS – ETERNAL SUN F 71 100 W BI PIN (21 182)</b>
<b>LOUNGE:</b>	<b>COSMEDICO - COSMOLUX VLR FR71 100W BI-PIN (PART NO: 18 810)</b>	<b>WOLF SYSTEMS – ETERNAL SUN F 71 100 W BI PIN (21 182)</b>
<b>32 GB CANOPY:</b>	<b>COSMEDICO - COSMOLUX VLR FR59 80 W BI-PIN (PART NO: 18 790) HEREAUS NOBLELIGHT - 400W Q460Z4 (PART NO. 44 005)</b>	<b>WOLF SYSTEMS – ETERNAL SUN F 51 80 W BI PIN (26 021) HEREAUS NOBLELIGHT - 400W Q460Z4 (PART NO. 44 005)</b>
<b>LOUNGE:</b>	<b>COSMEDICO - COSMOLUX VLR FR71 100W BI-PIN (PART NO: 18 810)</b>	<b>WOLF SYSTEMS – ETERNAL SUN F 71 100 W BI PIN (21 182)</b>

**6.2 Maintenance of the Face Tanners - (GB Version)**



The High Pressure face tanner can only be used with the two glass filter plates in place; if these are damaged or missing, tanning **MUST NOT** take place! **There is a danger of burns!** **Danger of eye injury cause by excessive intensity!**

When the face tanner has been running and is switched off and on again immediately, it may not light up again, and will not provide full power, since it requires a cooling down phase of about (4) minutes. The low pressure lamps require no cool down period for restarting.

**• Changing the High Pressure Lamp (figure 4)**

Remove the acrylic sheet in accordance with the previous description. Remove the cheese-head screw (62) on the glass filter plate holder (63). Tilt the glass filter plate holder down. Hold the filter plate holder with both hands, and push it towards the end cover so that it becomes detached. Grasp the high pressure lamp (64) by the rectangular end of the lamp, and pushing it in the lengthsways into the holder (65) until it is released at the other end. Now pull it out in a downward direction.



**You must NEVER pull on the glass of the lamp.**

Hold the new high pressure lamp by the end of the lamp only. Plug the lamp (64) into the holder (65). Push the holder back. Insert the new lamp.



**You must NEVER touch the glass of the high pressure lamp with your fingers.**

If you have touched it by accident, wipe off your fingerprints by means of a clean cloth moistened with alcohol.



**To obtain replacement tanning lamps for the high pressure facial tanners, please contact PC Marketing. No liability can be accepted if replacements other then genuine lamps, and starters are installed.**

**• Cleaning the reflectors**

Before you insert the new lamps, wipe the reflectors by means of a cloth moistened with alcohol.

**• Cleaning the glass filter plates**

Unscrew the two cheese-head screws (66) on the filter plate holder (63). Take off the cover plate (67). Pull out the dark glass filter plate (91) and the clear glass filter plate (69). Clean both glass filter plates with warm water to which some detergent can be added. Wipe the glass filter plates dry with a clean cloth.



**When re-assembling :** **Dark glass filter plate - on user's side !!**  
**Clear glass filter plate - on lamp side !!**



**The face tanner MUST NOT be used without the glass filter plates!!**



**Extreme care must be taken not to scratch the glass filter plates.**

Re-insert the filter plate holder (63) with the cleaned glass filter plates. Screw the filter plate holder in place again by means of the screw (62).

### 6.3 Changing the Tanning Lamps (figure 5)

In accordance with previous description, remove the acrylic sheet. Rotate the tanning lamp (71) in either direction until the contact pins (72) are visible in the groove of the holder (73). Pull the lamp out. Clean the reflectors by means of a cloth moistened with alcohol. Hold the new tanning lamp horizontally so that the contact pins are vertically above one another. In this position, press the tanning lamp into the holder. Rotate or twist the tanning lamp 90 degrees so that the notch (74) in the metal ring at the end of the lamp is facing upwards and the brighter reflector side of the lamp is facing towards the unit.

#### • Changing the short lamps (U-P-P VERSION)

Remove the acrylic sheet as previously described. Rotate the short lamp (75) in either direction so that one contact pin (76) goes into the groove (77) (which is open at the bottom) of the holder. Pull the short lamp out downwards. Hold the new short lamp horizontally so that the contact pins (76) 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.

### 6.4 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 often. After prolonged use, these filtered-out particles clog the filters and thus impair the cooling of the unit. Therefore, you must occasionally replace the filter pads to prevent overheating of the unit. The replacement 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 than half clogged**

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

#### • Changing the filter on the lounge (Figure 2)

Pull the front cover (18) off forwards. There is a large filter pad (79) attached to the cover plate (19) with strips of velcro. Pull off the filter pad and put on the new pad. Press the front cover (18) back into place.

#### • Changing the filters on the canopy (Figure 1)

Remove the upper cover (8) by pressing the cover from the rear of the unit in the direction of the middle. This can then be removed from the large cover (53) using the tabs. The filter pad is now accessible. Remove the wire clips (81), change the filter pad and put the wire clips back on. Refit the cover (8)

## 7 NOTES

#### • 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 fluorescent lamps should be replaced after approximately 800 hours of operation.

## 8 GENERAL TROUBLESHOOTING GUIDE



**Before you begin maintenance and repair work, you must disconnect unit from the main power supply. Repairs should only be performed by authorized persons. Safety devices must not be removed or disabled.**

#### • Dark spots at the ends of the lamps

If dark spots are present at the ends of the lamps when they are off, this will not affect the performance of the unit. However, as a precaution, replace the starter.

• **One or more lamps are not lighting (change of starter)**

Take off the acrylic sheet of the lounge or canopy. Check whether the lamp is inserted properly. Then check that the starter is seated properly.

Starter - Tanning Lamp in lounge - On lamp holders at the head end; take off the acrylic sheet (82)

Tanning Lamp in canopy - On lamp holders at the foot end; take off the acrylic sheet (83)

Short Lamps in canopy - Take off the covers (83 and 53)

Remove the starter for the lamp that is not lighting then turning it counter clockwise, and then put it back in again by turning it clockwise. If the lamp still does not light, insert the starter from a working lamp. If this is not successful, the lamp must be checked. Insert the lamp that is not lighting into a holder where a lamp does light. If the lamp does not light, it is defective and will have to be replaced. If it does light, there is an electrical short in the unit.



**Any electrical shorts should be checked by an authorized technician approved**

**by PC Marketing.**

• **The canopy or the lounge gets too hot.**

Check whether the air intake filters (filter pads) are clogged. In the case of units with direct discharge of air, ensure that the heated cooling air is passed into the outside atmosphere without excessive resistance. There must not be excessive hindrance of the air flow, either in the flexible duct or in the ventilation duct, because this will cause overheating of the unit.



**This check should be performed by an authorized technician approved**

**by PC MARKETING.**

figure 1

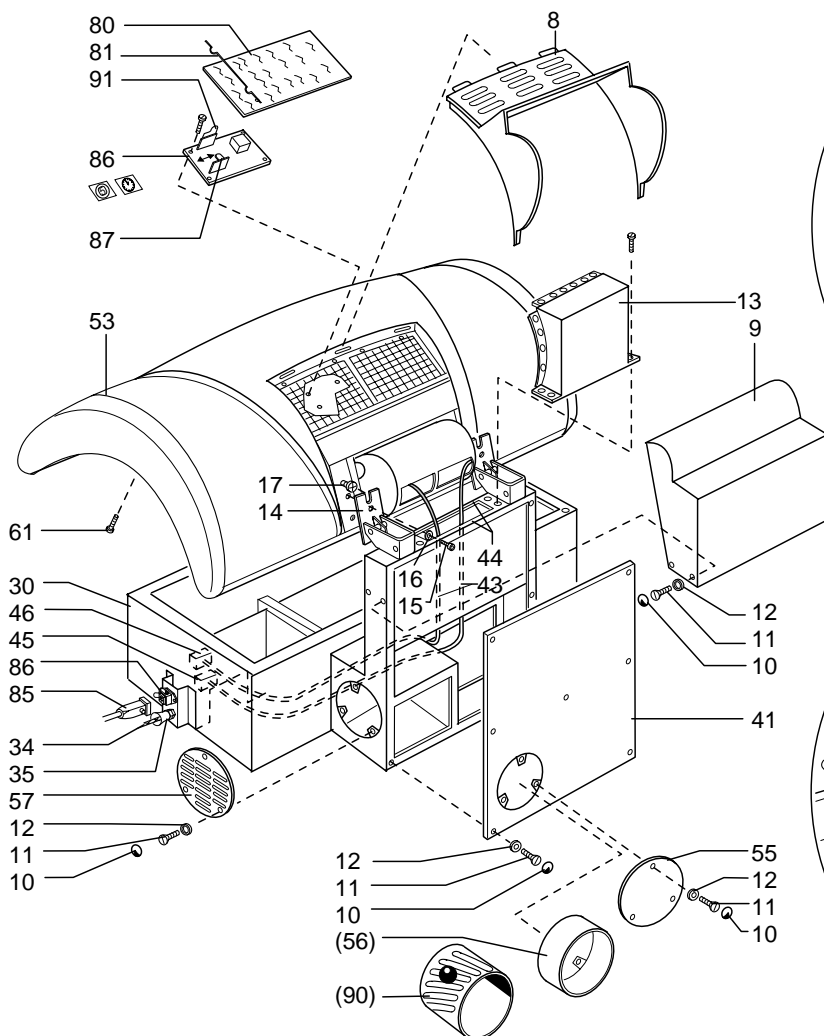


figure 1.1

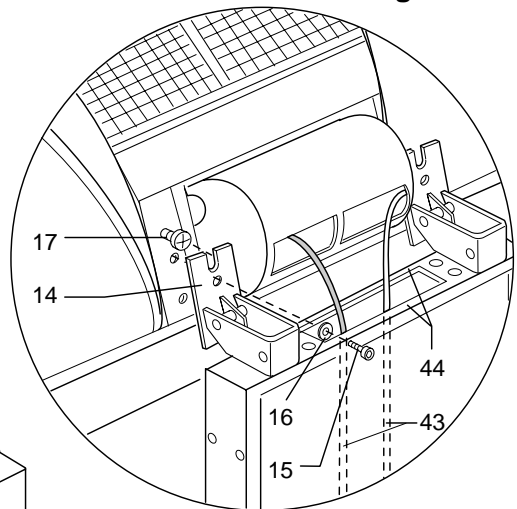


figure 1.2

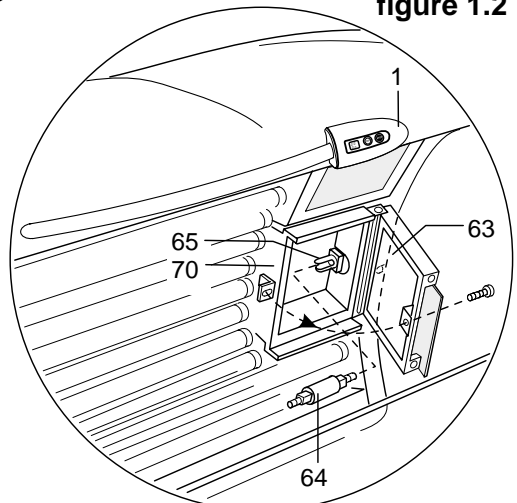


figure 2

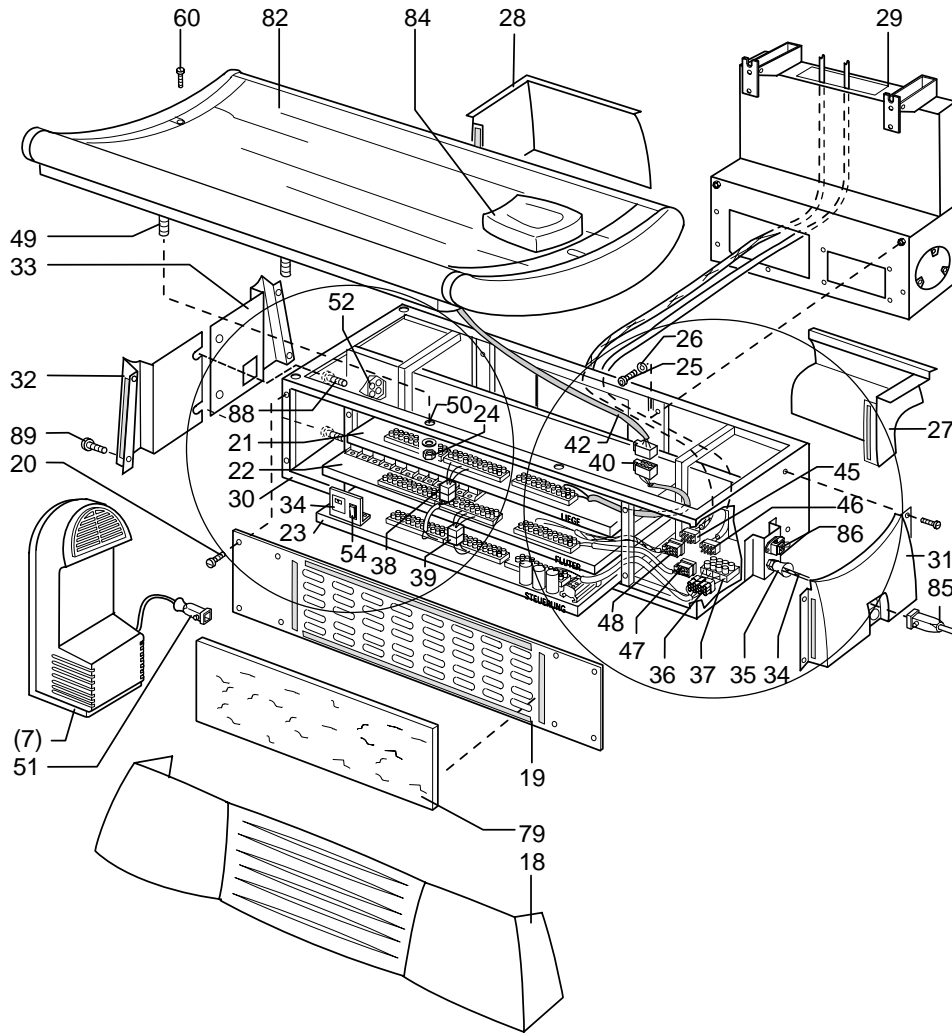


figure 2.1

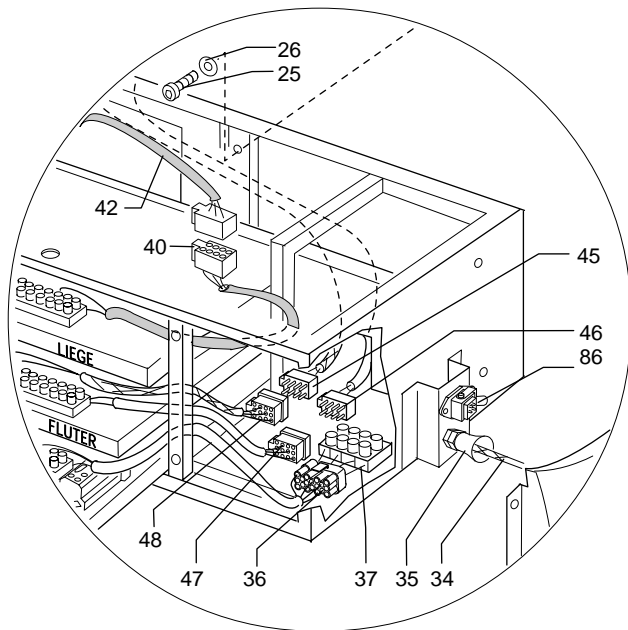


figure 2.2

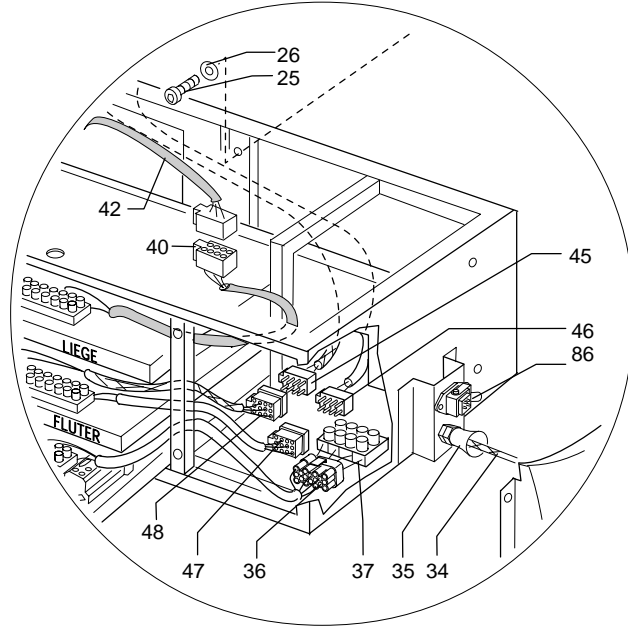
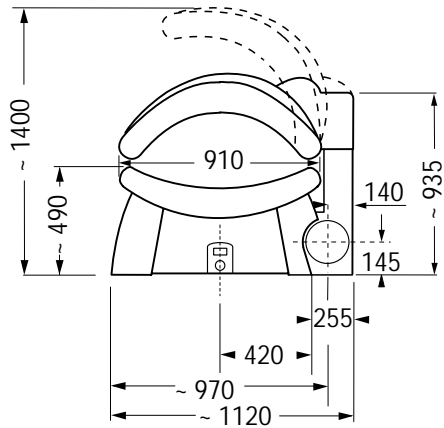


figure 3



All measures in mm

figure 4

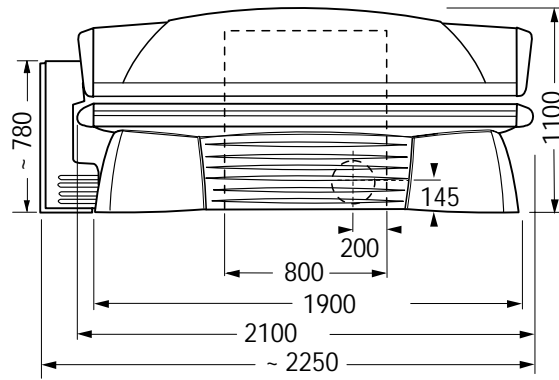


figure 5

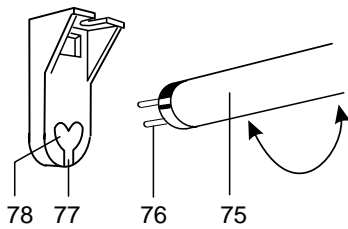


figure 6

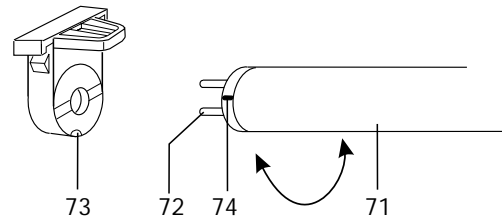
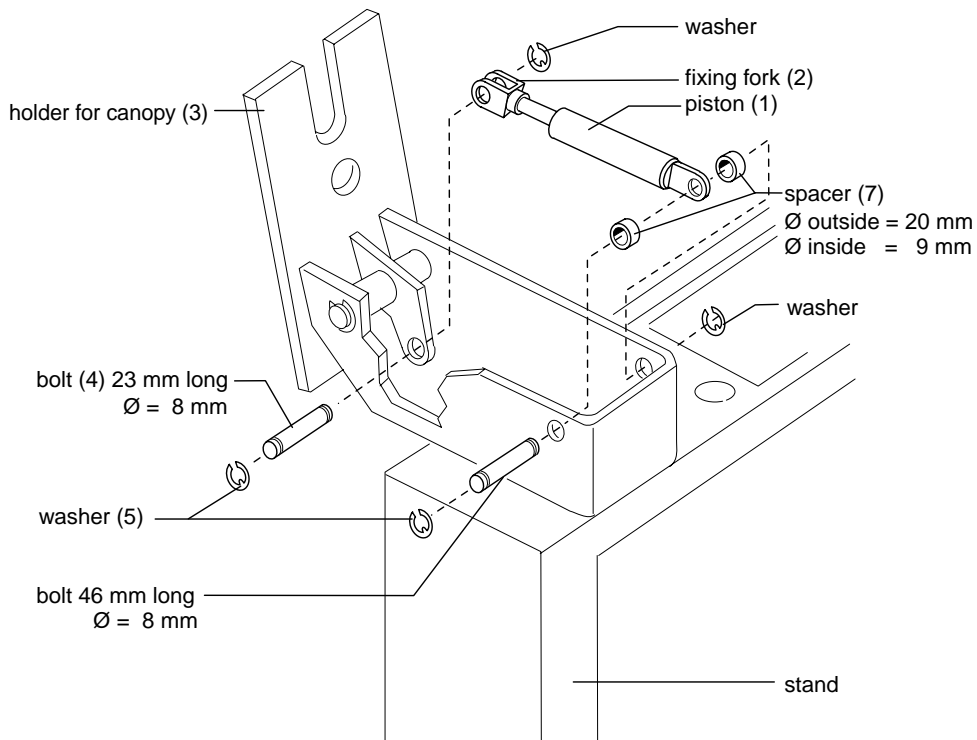


figure 7



## 10 ITEMIZED PARTS LIST

- |    |                                      |    |                    |    |                         |
|----|--------------------------------------|----|--------------------|----|-------------------------|
| 1  | Handle                               | 12 | inserts            | 24 | nuts                    |
| 2  | LED display                          | 13 | cover              | 25 | head bolts              |
| 3  | STOP button OFF                      | 14 | lift holder        | 26 | washers                 |
| 4  | START button ON                      | 15 | hexagon head screw | 27 | rear trim panel         |
| 5  | rocker Switch (superfan ventilation) | 16 | washers            | 28 | rear trim panel         |
| 6  | rocker Switch (face symbol)          | 17 | head crews         | 29 | lift                    |
| 7  | Superfan                             | 18 | front cover        | 30 | pedestal                |
| 8  | upper cover                          | 19 | cover plate        | 31 | side trim panel         |
| 9  | cover                                | 20 | screw              | 32 | cover                   |
| 10 | caps                                 | 21 | lounge             | 33 | side trim panel         |
| 11 | screws                               | 22 | canopy drawer      | 34 | operating hours counter |
|    |                                      | 23 | controls drawer    | 35 | clamping screw          |



36	cable socket	55	rear cover plate	74	notch
37	clamp	56	connecting plate (optional)	75	U-P-P Short Lamp
38	lounge drawer connector	57	air discharge cover	76	contact pin
39	canopy drawer connector	58	coding socket	77	groove
40	pole socket	59	special plug	78	wing of the groove
41	cover plate	60	head screw	79	large filter pad
42	lounge cable plug	61	head screw	80	filter pad
43	grey cable	62	cheese-head screw	81	wire clip
44	lift cross members	63	filter plate holder	82	acrylic sheet lounge
45	plug	64	high pressure lamp	83	acrylic sheet canopy
46	plug	65	holder	84	headrest (pillow)
47	canopy drawer socket	66	cheese-head screw	85	coding plug with cable
48	canopy drawer socket	67	cover plate	86	socket with retaining clip
49	centralising	68	blue filter plate	87	rocker switch
50	holes	69	clear filter plate	88	screw
51	Superfan cable	70	lamp housing	89	screw
52	socket	71	tanning lamp	90	air discharge collar (optional)
53	large cover	72	contact pin	91	wire clip
54	rocker switch	73	groove		

---

## PC MARKETING INC. THE TROPICAL SERIES 11 WARRANTY

- 1. WARRANTY** PC Marketing Inc. warrants that electrical components are free from defects in its materials and workmanship, under normal use, for one year (“Warranty Period”) beginning from the date the Product is purchased from an authorized Distributor of PC Marketing Inc., or from an authorized Dealer or Representative of such Distributor (collectively “PC Marketing Distributor), if you, the original purchaser, retain ownership during the Warranty Period. This Warranty is nontransferable. THE WARRANTY CONTAINED IN THIS SECTION 1 IS SUBJECT TO VOIDANCE IN ACCORDANCE WITH SECTION 3.
- 2. WARRANTY FOR ITEMS NOT COVERED BY THE ONE YEAR WARRANTY SET FORTH IN (SECTION 1).** EXCEPT ACRYLIC SURFACES, and pistons are prorated (1) year from the date the Product is purchased from PC Marketing Inc. or its authorized Distributor. Lamps, lamp starters, filter glass plates, metal structure, plastic covers and air filters are not covered under this warranty. THE WARRANTY CONTAINED IN THIS SECTION 2 IS SUBJECT TO VOIDANCE IN ACCORDANCE WITH SECTION 3.
- 3. VOIDANCE OF THE WARRANTY.** THE WARRANTIES SET FORTH IN SECTIONS 1 AND 2 HEREINABOVE ARE VOID IF YOU: TRANSFER THE PRODUCT TO A THIRD PARTY, MODIFY THE PRODUCT, MISUSE THE PRODUCT, SUBJECT THE PRODUCT TO ABNORMAL CONDITIONS OF OPERATION, ATTEMPT UNAUTHORIZED REPAIRS TO THE PRODUCT, DO NOT FOLLOW THE CARE AND USE INSTRUCTIONS MANUAL CONCERNING SPACE, ELECTRICAL AND ENVIRONMENTAL REQUIREMENTS, SUBJECT THE PRODUCT TO ACCIDENT, MISUSE OR MISAPPLICATION; OR. SERVICE THE PRODUCT BY ANYONE OTHER THAN PC MARKETING INC. OR AN AUTHORIZED SERVICE REPRESENTATIVE OF PC MARKETING INC.
- 4. WARRANTY RETURNS.** All warranty claims can be handled through the authorized PC Marketing Inc. Distributor. If you do not know their phone number, contact PC Marketing Inc. at 1-800-FAST-TAN, Monday through Friday from 9:00 AM to 5:00 PM EST. Warranty covered items are to be returned on a part for part replacement. All freight charges are the sole responsibility of the original purchaser.
- 5. DISTRIBUTOR’ WARRANTIES.** To the extent representations, warranties or commitments are extended to the End User by a PC Marketing Inc. Distributor, such representations, warranties and commitments will be those of the PC Marketing Inc. Distributor alone, and will not be attributed to PC Marketing Inc. and PC Marketing Inc. shall not be responsible for same.

**6. DISCLAIMER OF WARRANTIES.** EXCEPT AS EXPRESSLY STATED IN SECTION 1 AND 2 HEREINABOVE, THERE ARE NO OTHER WARRANTIES OF PC MARKETING INC., EXPRESSED OR IMPLIED, BY OPERATION OF LAW OR OTHERWISE. PC MARKETING INC. DISCLAIMS ALL IMPLIED AND EXPRESS WARRANTIES, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

**7. LIMITATION OF LIABILITY.** PC MARKETING INC. SHALL NOT BE LIABLE, WHETHER IN CONTRACT OR TORT, FOR ANY LOSS OR DAMAGE, INCLUDING BUT NOT LIMITED TO SPECIAL, INDIRECT, CONSEQUENTIAL, PROPERTY, ECONOMIC OR PERSONAL DAMAGES OF THE END USER, OR THIRD PARTIES, EVEN IF ADVISED OF THE POSSIBILITIES OF SUCH DAMAGES, ABOVE OR BEYOND THE REPAIR, REPLACEMENT OR REFUND OF ANY DEFECTIVE PRODUCT, WHICH SHALL BE END USER'S SOLE REMEDY. THE PURCHASE PRICE OF THE PRODUCT IS A CONSIDERATION IN LIMITING PC MARKETING INC.'S LIABILITY.

**8. LOCAL LAWS.** Laws pertaining to the rights and limitations of the Warranty vary from state to state. The limitations set forth herein may not be applicable to you, or you may have other legal rights not referenced herein.

## **9. MISCELLANEOUS**

### **9.1 GOVERNING LAW.**

This Warranty shall be governed by, interpreted and enforced in accordance with the substantive and procedural laws of the State of New Jersey, and the United States of America, conflict of laws notwithstanding. This Warranty, and all claims in any such claims, disputes or actions is domiciled. PC Marketing Inc., Distributor and End User hereby agree to submit to the subject matter and personal jurisdiction and venue of said courts to resolve any disputes. If any term or provision of this Warranty is adjudicated to be invalid by any Court having jurisdiction, such provision shall be inoperable and deemed omitted and shall not invalidate the remaining provisions hereof.

### **9.2 ENTIRE AGREEMENT.**

This Warranty constitutes the entire agreement of the End User, Distributor and PC Marketing Inc. as to the subject matter and there are no other understandings, agreements or terms, whether oral or written, between PC Marketing Inc. and End User.

### **9.3 READ AND UNDERSTAND THIS WARRANTY.**

Before signing and returning this Warranty, End User acknowledges that End User has read and understands the terms herein, or has had the opportunity to have them read and explained to End User by third parties.

## **10. VALIDATION.**

To validate that you are the original purchaser of the Product from an authorized Distributor and to ensure that you receive the above-recited benefits under the Warranty, please provide the information on the warranty card, sign the card and drop it in the mail within (30) days of purchase.

## **11. SPARE AND REPLACEMENT PARTS.**

Original Manufacturer's lamps and replacement parts are available by direct order. To order, call 1-800-FAST-TAN. Please have Credit Card information when calling.

## **Or Write:**

PC MARKETING INC.  
1040 WILT AVENUE  
RIDGEFIELD, NJ 07657



PC MARKETING  
1040 WILT AVENUE  
RIDGEFIELD, NJ 07657

1-800-FAST TAN



MARKETING

ID.-NR. 237 883/ 08/02