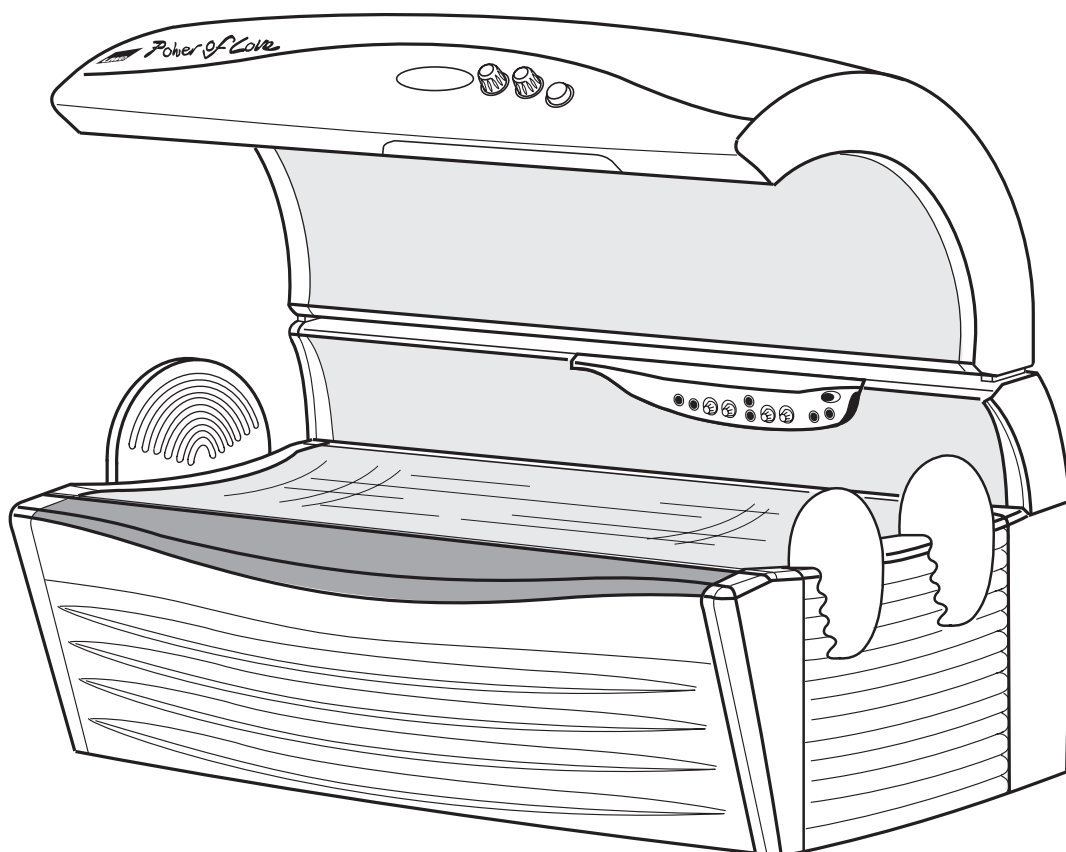


INDOOR TANNING EQUIPMENT CARE, USE AND INSTALLATION INSTRUCTIONS



**Model:
POWER FOR YOU**

**PC MARKETING
1040 WILT AVENUE
RIDGEFIELD, NJ 07657**



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.

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1 – SAFETY INSTRUCTIONS:

1.1 Before installation and placing in operation, the Safety Instructions and 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.



Warning

1.3 SAFETY / WARNING

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 sunlamp 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 likely to tan from the use of this product. **WEAR PROTECTIVE EYEWEAR: FAILURE TO MAY RESULT IN SEVERE BURNS OR LONG – TERM INJURY TO THE EYES.**



Function

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 frequent than once every two days.

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

RECOMMEDED EXPOSURE SCHEDULE	Skin Type	WEEK 1	WEEK 2	WEEK 3	WEEK	WEEKLY
		1 ST -3 RD Session	4 TH -6 TH Session	7 TH -10 TH Session	11 TH -15 TH Session	Subsequent Session
	II - Fair	2 min.	3 min.	6 min.	10 min.	10 min.
	III - Average	3 min.	4 min.	6 min.	10 min.	10 min.
	IV - Brown	3 min.	6 min.	8 min.	10 min.	10 min.
	V - Dark Brown	3 min.	6 min.	8 min.	10 min.	10 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 of two (2) weekly 10 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.

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 likely to tan from this product.

Certain drugs – particularly those designed to enhance photosensitivity – maybe cause individuals under their influence to experience adverse effects and those people ought to 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. It will go away within approximately 24 hours and should not reappear. This rash can be lessened or prevented by applying moisturising lotion to the affected area after the tanning session is complete.

CAUTION:

WHILE THERE IS NO IMMEDIATE CLINICAL EVIDENCE REGARDING UV 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 individual 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 bodies determining how quickly and darkly you can tan.

NOTE

THE TAN PRODUCED BY THIS 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 BURNS 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 EASILY AND ABOVE AVERAGE WITH EACH EXPOSURE.

SKIN TYPE V - THIS INDIVIDUAL RARELY BURNS, TANS EASILY

RECOMMENDED EXPOSURE SCHEDULE

RECOMMENDED EXPOSURE SCHEDULE	Skin Type	WEEK 1 1 ST -3 RD Session	WEEK 2 4 TH -6 TH Session	WEEK 3 7 TH -10 TH Session	WEEK 11 TH -15 TH Session	WEEKLY Subsequent Session
	II - Fair	2 min.	3 min.	6 min.	10 min.	10 min.
	III - Average	3 min.	4 min.	6 min.	10 min.	10 min.
	IV - Brown	3 min.	6 min.	8 min.	10 min.	10 min.
	V - Dark Brown	3 min.	6 min.	8 min.	10 min.	10 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 moisturiser 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

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

WARNING!

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

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 hazards and only in dry rooms. The rooms must be well-ventilated (adequate air inflow and air 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 with these remarks is improper, and the manufacturer will not accept liability for any resulting damage or injury. Proper operation also includes compliance with the operating, maintenance and repair conditions specified by the manufacturer. Qualified service technicians authorized by PC Marketing, Inc should only perform maintenance work, and repair work. 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 Emergency Procedure

Switch off the electrical supply to the unit by operating the main power switch or circuit breakers, and source the unit to prevent it from being switched on again without authorization.

1.7 Explanation of Danger Symbols



Warning

Warning!

In these Operating Instructions, we have used the word warning to mark all concerns that relate to operating safety. Please post safety instructions for all users.



Function

In these Operating Instructions, we have used the word note to mark all concerns, which contain essential information for operating the unit. Please be sure they are followed in order to avoid damage to the unit.

Note Various diagrams are referred to in the text, i.e....(30/2) refers to figure 30, item 2.

1.8 Location of the Person Using the Unit

In front of the unit and on the unit's lounge acrylic for tanning.

OPERATION INFORMATION FOR THE USER OF THE UNIT



Function

2 OPERATION

2.1 Equipment – Special Features

Important Information! PLEASE READ!

1. Please inform each user of this information before using the unit.

INTERACTIVE OPERATION

You can regulate the tanning intensity and cooling for your body and face separately.

HIGH-PRESSURE SHOULDER TANNERS

The unit is equipped with two high-pressure shoulder tanners.

AIR SHOWER

There is an air vent in the canopy, which allows cool air to pass directly over the upper body.

BREEZE

There is a nozzle in the canopy, which, if desired, sprays a fine mist of distilled, sterile water inside the unit.

AROMA

The base casing houses an aroma module. If desired, a fragrance can be mixed with the cooling air when introduced into the unit.

HEADPHONES SOCKET

Plug in access socket of a 3.5 mm headphone jack to enjoy the central sound system.

LOUDSPEAKER

The unit is equipped with two speakers allowing you to enjoy the music from the central sound system while you tan.

FANS

The fans are factory-set to continue running for approx. 6 minutes after the tanning session to allow the unit to cool.

SERVICE MODULE

The service module makes it easier to service and check the parts subject to wear and tear for ageing.

BREAKSAFE

The transparent filter glass for high-pressure lamps and shoulder tanners are protected by a BREAKSAFE device. If a transparent filter glass breaks, the power supply is interrupted and the unit cannot be restarted. The blue filter glass must be visually checked.

BINGO

Due to FDA/CSA regulations, the BINGO feature (additional exposure time for the face) is not implemented in export models for USA and Canada.

WARM AIR RECIRCULATION

When the room reaches the appropriate temperature, warm air is blown into the unit via a thermostat-controlled extract air flap in the extract air chimney maintaining a comfortable tanning environment.

2.2 START OF TANNING

Observe the recommended exposure chart.

Do not exceed the tanning time recommended for your skin type.

You may stop the tanning session at any time by means of the STOP button on the operating panel. When the unit is started, the initial delay period begins. The unit starts automatically after the end of the initial delay. The unit can be restarted (providing there is time remaining on the central remote timer) by means of the START button.



Warning

PRE – START DELAY TIME

1. Make your selections according to the prompts on the display (1/1) of the canopy operating Panel (1/5):
 - Use the right knob (1/3) to select your personal tanning level
 - Use the left knob (1/2) to select your personal air-conditioning level
2. If you do not make any selections the unit will automatically start with its basic settings.

- Tanning level for body and face	Level 5
- Air-conditioning levels for body and face	Level 3
- AROMA, BREEZE	OFF
- Volume	setting

Note The tanning program you have chosen will appear on the display (1/1). You can change your chosen tanning program at any time during the tanning session. Operate the interior-operating panel from the bed. If you do not switch on the unit within 5 minutes the programme will revert to the basic settings. The unit switches on automatically after the pre-start delay time depending on the remote timer operation.

2.3 INTERIOR TANNING SPACE

1. Lie down on the lounge.



Warning

Keep your body away from the front edge of the bed. Danger of squeezing!

2. Pull down the canopy with the handle (1/6) you can reach with your left hand.

Your distance from the lamps is fixed by the design of the unit.

If the tanning session has not yet begun, the pre-start delay time is still active. The lamps switch on automatically after the pre-start delay time.

Ending the Pre-Start Delay Time Prematurely (early starting or remote starting)

1. Press the START button (2/1) on the interior operating panel. The unit starts immediately (overrides the pre-start delay time).

2.3.1 Interior Operating Panel



Warning

You can interrupt the tanning session at any time by pressing the STOP button (2/2).

• STOP and START Buttons

During the tanning session you can press the STOP button (2/2) to interrupt tanning and the START button (2/1) to re-start tanning (Warning: the high-pressure lamps only reignite after a cooling time of approx. 4 minutes). The tanning time continues during the interruption, i.e. the display (2/9) continues to count off the minutes elapsed.

• Cooling Control

You can control the desired climate by these two knobs. Knob (2/3) controls the cool air inflow from the fan at the base of the unit and knob (2/4) controls the cool air inflow from the vent at the top of the canopy. The blue LED lamps light up according to the air conditioning you have selected.

- **Tanning Intensity Control**

Knobs (2/6) and (2/7) allow you to control the tanning intensity on your body and face separately. Lamps are turned on depending on the position of the knob. The red LED lamps light up according to the tanning level you choose.

- **AROMA Button**

Pressing button (2/13) with the AROMA symbol will mix a fragrance into the body cooling air before it flows over your body. The area around the button glows red (active). Press the button again to stop the fragrance being blown into the unit and the area around the button glows green (inactive).

- **BREEZE Button**

Pressing the button (2/5) with the BREEZE symbol will cause a fine mist of distilled water to be sprayed over the upper body and face from a nozzle in the canopy. The area around the button glows red when the spray is activated. When the spray cycle has ended (including a delay of approx. 2 minutes) the area around the button glows green and you can press the button again.

- **Volume Buttons**

Buttons (2/10) and (2/11) allow you to control the volume of the music played on the central sound system.

- **LED Display**

The 2-digit LED display (2/9) counts the time of the tanning session in intervals of 1 minute once the sunlamps are switched on, showing you how many minutes of your tanning session have elapsed. After the tanning session is complete the unit switches off and the display shows 0.

2.4 Cleaning the Acrylic Sheets: Use PC Marketing's Hygiene/Acrylic Cleaner

The bed and BREEZE nozzle (5/1) must be disinfected and cleaned after every tanning session.

Ensure extremely strict hygiene on the tanning unit and in its vicinity. Dust deposits reduce the tanning effect. Do not pour liquids over the unit so as to avoid moisture penetrating under the covers and onto the electronics. Use cleaners in accordance with the instructions. Follow the recommended waiting time for acrylic cleaners as per manufacturer's instructions.



Warning

Cleaning the Acrylic Sheet

1. Clean the acrylic sheets after every tanning session with PC Marketing's Hygienic Acrylic cleaner or approved equal.
2. Always dry the panel afterwards with a clean cloth.

Cleaning the BREEZE Nozzle (5/1)

1. After every tanning session clean the BREEZE nozzle with Hygienic Acrylic cleaner and a clean cloth.

2.5 Maintaining the AROMA Containers

Removing the Large Covering Panel in Front of the Base

1. Grip the covering panel (18/8) by the ventilation slots.
2. Remove the covering panel by pulling forwards. The recesses in the covering panel will release from the spring clips (18/7).
3. Remove the safety grille (27/6).

* Maintaining the AROMA Containers

1. Using a coin, turn the slit in the bolt (27/4) to the vertical position.
2. Pull out the drawer (27/3) containing the four AROMA containers.
3. Thoroughly stir the AROMA containers once a week.
4. Push the drawer back in as far as it will go.
5. Lift the draw a little then insert the tip of the bolt (27/4) into the socket (37/1) and then turn the slit with a coin to the horizontal position.
6. Replace the safety grille (27/6).

Replacing the Large Covering Panel in Front of the Base

1. Insert the bottom flaps of the covering panel (18/8) into the spring clips (18/7).
2. Press the covering panel on completely.

INFORMATION FOR THE OPERATOR

3 Initial Operation

3.1 Important information! PLEASE READ!

Instructions to operator:



Warning

Do not place any malfunctioning equipment into operation.

Observe the maximum permissible room temperature (75°F), otherwise there's the danger that the acrylic area to lie on gets too hot.

Disinfect the acrylic shield with UVT (UltraViolet Transmitting) acrylic cleanser by PC Marketing.

Provide protective eyewear and require their use during tanning.

Observe and follow recommended exposure schedule, which list skin types, exposure times and frequencies.

Keep operating instructions available at all times.

Display the safety instructions in a clearly visible position.

There is a sticker on the acrylic panel of the bed providing important information in 4 languages. Please read this information and then remove the sticker.

Never operate the unit for long periods of time with the canopy open.

Stir the AROMA containers once a week to increase the intensity of the fragrance.

3.2 Before Initial Operation

Before installation and placing in operation, the Safety Instructions and Operating Instructions must be carefully read and observed.

In the service module you can change the factory settings (e.g. BINGO time) within certain limits to suit your preferences (see Section 5.3).

3.3 Using the Unit for the First Time

Before the unit is placed in operation, the local safety Instructions must always be observed. When the unit is completely installed, electrically connected and connected to the remote timing system, it can be in operation.

4 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 liquids over the unit so as to avoid moisture penetrating under the covers and onto the electronics. Use cleaners in accordance with the instructions. Follow the recommended waiting time for acrylic cleaners as per manufacturer's instructions.

- **Canopy Operating Panel (17/16)**

1. Never clean the panel with a wet cloth.
2. Do not spray liquids onto the panel.
3. Clean the panel with a dry cloth.

- **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 these are used, we cannot accept any warranty liability. Occasionally, also clean the side of the acrylic sheet facing the lamps. To do this, take the acrylic sheet off.

- **Reflector**

When changing the lamps, clean the reflectors with a cloth soaked with alcohol.

Cleaning the Acrylic Sheets

1. Only use the PC Marketing acrylic cleaner or approved equal.
2. Follow the manufacturer's instructions for waiting period
3. Always dry the acrylic afterwards with a clean cloth.
4. Occasionally clean the underside of the lounge, the waved formed acrylic sheet beneath the lounge and the acrylic sheet in the canopy.

Rising the Lounge Sheet

Note The rear, long side of the lounge sheet is inserted in a clamping rail which can be pulled forwards about 2 inches on 2 pins.

1. Use a screwdriver.
2. Press the bolt (3/2) down and turn 90 degrees.
3. Do the same with the second bolt. The bed panel moves up a little.
4. Holding the lounge acrylic (3/1) along the front long side, pull approx. 2 inches forwards until the clamping rail (3/3) engages.
5. Lift up the lounge acrylic.
6. Take the long rod (4/3) and use it to support the lounge acrylic in the center.
7. Lift the lower acrylic sheet (4/2) and support it with the shorter rod (4/4).
8. Anchor this shorter rod in the first (bottom) acrylic sheet.
9. Clean the underneath of the bed panel and the lower acrylic sheet with PC Marketing acrylic cleaner or approved equal.

Lowering the Acrylic Sheet

1. Secure the short rod (4/4) in the holder.
2. Lower the lower acrylic sheet.
3. Secure the long rod (4/3) in the holder.
4. Lower the lounge acrylic.
5. Turn both bolts (3/2) back 90 degrees.
6. Grip the front long side of the lounge acrylic (3/1) and push backwards until it engages.

• BREEZE Nozzle

1. Each day before the first tanning session wipe the spray nozzle (5/1) with a clean cloth and the PC Marketing acrylic cleaner or approved equal.

• Reflector

1. When replacing lamps, wipe the reflectors with a cloth which has been soaked in alcohol.

5 TECHNICAL DATA

5.1 Operating Hours

5.1.1 Viewing the Operating Hours

The operating hours can be viewed in the service module. See section 5.3

5.2. Warm Air Circulation

The warm air circulation can be set in the Service Module. See Section 5.3.

5.3 Service Module / Exclamation Marks on the External Display

The service module has 3 subprograms which can be called up consecutively on the external display.

The service module encourages servicing and checking the most important parts of the unit subject to wear and tear for ageing.

5.3.1 Operating the Service Module

1. Simultaneously press 4 buttons on the interior operating panel: START button (2/1), STOP button (2/2) and the 2 buttons used to control the volume (2/10) and (2/11).
2. Press this button combination for about 4 seconds. The program menu appears first on the external display (1/1).
3. You can move the cursor through the menu using the two knobs.
4. Move the cursor vertically using the left knob (1/2).
5. Move the cursor horizontally using the right knob (1/3) and select the settings with this knob. The settings you choose are saved when you change lines.
6. If you move the cursor down you reach service menu 1 and service menu 2.
7. Press the BINGO button (1/4) in service menu 1 to reset the settings, for example if the filter pads have been exchanged and the elapsed time for the filter pads must be reset to 150 hours.
8. **If you unplug the unit within 4 minutes of leaving the service module the parameters you have changed will be saved and activated.**

Note If you change the parameters but then do not unplug the unit after leaving the service module all settings which were active before entering the service module remain the same. If you do not make any changes in the service module within 4 minutes, the unit automatically quits the service module and returns to the operator prompting screen ("Hello and welcome...").

5.3.2 Subprograms of the Service Module

Program Menu

In the program menu you can change the factory settings to your preferences within certain limits (see Table 1.1 in Section 5.3.3).

Service Menu 1 - Exclamation Marks on the External Display

In Service Menu 1 you can change the intervals at which the wearing parts should be replaced (see Table 1.1 in Section 5.3.3). Read the entire operating time.

Example: Filter pads

1. Set the exchange interval to 150 operating hours.
When this time has elapsed, an exclamation mark (!) appears in the bottom right-hand corner of the external display (1/1).
2. Call up Service Menu 1.
3. Check which wearing part has exceeded its operating time (in this example, the filter pads).
4. Change the filter pads.
5. In the "reset" line for filter pads press the BINGO button to reset the time to 150 seconds (Reset).

Service Menu 2 - Error Message on the External Display

• Supply / Exhaust Air

In service menu 2, the temperatures of the fresh supply air and of the extract air are measured and displayed. These temperatures are compared with the permitted temperature limits.



Function

If the temperature limits are exceeded, "F1" appears in the bottom right corner of the display.

1. Call up Service Menu 2.
2. Check the display.
3. Contact PC Marketing technical service if necessary.

• Warm Air Recirculation

The operator can close (max.) or open (min.) the air vent in the exhaust duct or select a temperature for inside the unit (see Chapter 5.3.3, Table 1.2)

• Bleeding the BREEZE System

If you replace a component of the BREEZE module, e.g. the water can, the BREEZE system must be bled.

1. In the Bleed BREEZE position, press the BINGO button (max. 1 minute) until the nozzle produces a fine, cone-shaped spray of water.



Function

Wait one minute before you reactivate the pump of the BREEZE system.

Overview of Possible Settings

- F1 Temperature exceeded (exhaust air temperature exceeds 100°F)
- F2 EPROM error
- F3 Sensor short-circuit
- F4 Sensor broken

Procedure

1. Contact PC Marketing technical service if necessary.

5.3.3 Overview of Possible Settings

	Factory Settings	Possible setting ranges for the operator
Language	English	Choice of 14 languages
		Minimum value Maximum value
Overrun time	6 minutes	4 min. 6 min.
Low-pressure lamps	500 operating hours (hrs)	350 hrs 700 hrs
High-pressure lamps	500 Operating Hours	350 hrs 700 hrs
Filter pads	150 Operating Hours	100 hrs 300 hrs
Starter	1000 Operating Hours	700 hrs 1400 hrs
BREEZE module	1900 spraying operations	Cannot be changed Warning! After 1920 operations the BREEZE button is locked
AROMA module	300 AROMA operating hours. Cannot be changed	
BINGO	Due to FDA/CSA regulations, the BINGO feature (additional exposure time for the face) is not implemented in export models for USA and Canada.	

Table 1.1

The time can be set in steps of 0.5 minutes for the overrun time and BINGO time and in steps of 50 hours for the other wearing parts such as the low-pressure lamps.

Warm Air Recirculation		
Can be set by the operator	Exhaust air flap position	Effects
Limit stop min = Level 1	open	No warm air inside unit. Warm air in exhaust duct
Level 2 (62°F-65°F) Level 3 (65°F-67°F) Level 4 (67°F-69°F) Level 5 (69°F-72°F) Level 6 (75°F)	Flap open	The flap setting maintains the temperature inside the unit to your set level
The temperatures indicated are for guidance only due to the differences in temperature in the room		

Table 1.2

5.4 Resetting the temperature switch

The temperature switch on the top of the face tanner housing (37) is meant to switch the lamps off in case of failure of the cooling fan. After settling the detected cooling problem you can reset the switch by pressing the red knob (37).

6 MAINTENANCE AND REPAIR

Always unplug the unit from the main power source!

When working on the canopy the large covering panel (31/2) can be supported on a bar (31/1), i.e. the covering panel need not be removed completely.

The canopy is secured by a stay.

6.1 Changing the Acrylic Sheet

The acrylic sheets are produced and formulated from specially treated acrylic material 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 bed, pull off the protective covering. DO NOT operate the unit without acrylic sheets in place, as the cooling of the lamps cannot be assured.

If damage or injury occurs, the manufacturer cannot accept liability.



Warning

The acrylic sheet of the canopy and side tanner and the lounge sheet are frosted on one side.

1. During installation ensure that the frosted side of the acrylic sheet always faces the lamps.
2. **DO NOT** polish the frosted side of the acrylic sheet with polish.

6.1.1 Acrylic Sheet Lounge

There are 2 acrylic sheets on top of one another in the lounge. The back long side of the upper lounge sheet (acrylic) is inserted in a clamping rail which can be moved forward approx. 2 inches on 2 castors.

Removing the Acrylic Sheets

1. With a screwdriver.
2. Using the screwdriver, press the bolt (3/2) down and turn 90 degrees.
3. Do the same with the second bolt. The lounge acrylic can move up a little.
4. Hold the lounge acrylic (3/1) along the front long side.
5. Pull the lounge acrylic and clamping rail (8/2) forward approx. 2 inches until the clamping rail engages with its pins (8/3).
6. Remove the lounge acrylic and clamping rail.
7. Remove the waved acrylic sheet below the lounge acrylic.

Replacing the Acrylic Sheets

1. Insert the lower acrylic sheet (corrugated) in the lounge.



Function

The wide recesses in the corrugated acrylic sheet should be at the bottom of the lounge.

2. Hook the lounge acrylic with the pins (8/3) on the clamping rail (8/2) into the fixture (8/4).
3. Place the lounge acrylic on the lounge.
4. Turn both bolts (3/2) back 90 degrees.
5. Push the lounge acrylic back until it engages.

6.1.2 Acrylic Sheet Side Tanner

Removing the Acrylic Sheet

1. Lift up the operating panel (8/1).
The operating panel locks in position.
2. Turn the slots in the 3 bolts (6/1) horizontal.
3. Tilt the acrylic sheet (6/2) forwards onto the long side.
4. Lift the acrylic sheet out of the rail's groove (6/3).

Replacing the Acrylic Glass Sheet

1. Lift up the operating panel (8/1).
The operating panel locks in position.
2. Lift the acrylic sheet according to the screen printing.
3. Insert the acrylic sheet (6/2) into the rail's groove (6/3).
4. Move the acrylic sheet back against the side tanner.
5. Turn the 3 bolts (6/1) to the vertical position.
6. Lower the operating panel (8/1).
The operating panel locks in position.

6.1.3 Acrylic Sheet of Canopy

Removing the Acrylic Sheet

1. Turn the slots in the 4 bolts (7/1) horizontal.
2. Tilt the acrylic sheet (7/2) forwards.
3. Lift the acrylic sheet out of the rail's groove (7/3).

Replacing the Acrylic Sheet

1. Position the acrylic sheet in the rail's groove (7/3) according to the screen printing.
2. Tilt the acrylic sheet (7/2) towards the canopy.
3. Turn the 4 bolts (7/1) to the vertical position.

6.2 Servicing the High-Pressure lamps

The high-pressure lamps must only be used with the two filter glass plates. If the filters are damaged or missing the unit must not be operated. Danger of burning!

If the face tanner is switched on again right away, it will either not ignite immediately or will not produce full power as it requires a 4-minute cooling off cycle.

When replacing the high-pressure lamp, please contact the unit manufacturer or your specialist dealer. No liability can be accepted if others than a new original lamp are installed.

BREAKSAFE

The transparent filter glass of the face and shoulder tanners are protected by a BREAKSAFE device. Should one of the transparent filter glass break, the power supply is interrupted and the unit can only be restarted when the filter glass has been replaced with a new one.



Warning

6.2.1 Changing the High-Pressure Lamp in the Side Tanner

Warning!

Hold the high-pressure lamp by the rectangular base (10/1) only.

Never pull the high-pressure lamp by the glass bulb.

Never touch the glass bulb of the high-pressure lamp with your fingers.

If you touch the glass bulb by accident, wipe off the finger prints with a clean cloth soaked in alcohol.

Removing the Acrylic Sheet

1. Lift up the operating panel (8/1).
The operating panel locks in position.
2. Turn the slots in the 3 bolts (6/1) horizontal.
3. Tilt the acrylic sheet forwards onto its long side (6/2).
4. Lift the acrylic sheet out of the lower rail's groove (6/3).

Lowering the Lounge Acrylic

1. Secure the rod (4/3) in its holder.
2. Lower the lounge acrylic (4/1).
3. Turn the bolts (3/2) back 90 degrees.
4. Push the lounge acrylic back until it engages.

Assembling the Acrylic Sheet of the Shoulder Tanner

1. Replace the acrylic sheet (14/2).
2. Screw in the screws (14/1).

6.3 Changing the Lamps

Burning-in the Lamps

Note

New lamps differ slightly in color, but these differences disappear over time. The lamps are darker at the ends. This is a physical property and not a defect with the lamps.

6.3.1 Changing the Long Sunlamp

Changing the Lamp

1. Remove the appropriate acrylic sheet (see Chapter 6.1).
2. Turn the sunlamp (5/11) in either direction until the contact pins (5/9) can be seen in the slot (5/8) of the lamp holder.
3. Remove the lamp.
4. Clean the reflector (5/3) with a cloth soaked in alcohol.
5. Hold the new sunlamp horizontal so that the contact pins (5/9) are vertically in line.
6. Press the sunlamp into the lamp holder in this position. Turn the sunlamp 90 degrees so that the notch (5/10) in the metal ring at the end of the lamp is at the top.

If using a reflector lamp, the lighter reflector side of the lamp must face the unit and the label on the lamp must face the user.

7. Replace the appropriate acrylic sheet.



Function

6.3.2 Changing the UPP Lamp

Changing the UPP Lamp

1. Remove the appropriate acrylic sheet (see Section 6.1).
2. Turn the lamp (5/2) in either direction so that the contact pin (5/4) appears in the slot in the holder which is open at the bottom (5/6).
3. Remove the lamp by pulling downwards.
4. Hold the new lamp horizontal so that the contact pins (5/4) are vertically in line.
5. Insert the lamp in this position into the groove which is open at the bottom (5/6). Tilt the lamp so that the contact pin fits securely in the socket of the holder.
6. Turn the lamp so that the second contact pin clips into the other socket.
7. Replace the appropriate acrylic sheet.

6.3.3 Changing the Illumination Lamp

There is an illumination lamp behind the front canopy holder and, on some models, along the front edge of the bed (**floor light**).

• Canopy Illumination Lamp

Removing the Acrylic Sheet

1. Turn the slots in the 4 bolts (7/1) horizontal.
2. Tilt the acrylic sheet (7/2) forwards.
3. Lift the acrylic sheet out of the lower rail groove (7/3).

Changing the Lamp

1. Remove the first two sunlamps behind the front canopy bracket (26/1).
The illumination lamp (26/2) is located underneath these sunlamps.
2. Exchange the illumination lamp (see Chapter 6.3.1).
3. Replace the sunlamps.

Replacing the Acrylic Sheet

1. Position the acrylic sheet in the rail groove (7/3) according to the screen printing.
2. Tilt the acrylic sheet (7/2) towards the canopy.
3. Turn the 4 bolts (7/1) to the vertical position.

- **Bed Illumination Lamp (floor light)**

Removing Large Covering Panel in Front of the Base

1. Grip the covering panel (18/8) by the ventilation slots.
2. Remove the covering panel by pulling forwards. The recesses in the covering panel becomes free from the spring clips (18/7).

Changing the Lamp

1. Slacken the 2 screws 6.3 x 16 (16/2).
2. Hold the handle (16/3) and pull out the lounge approx. 8 inches.
3. The illumination lamp (16/4) is located underneath the front edge of the lounge (16/1). This is where . . . ??
4. Exchange the illumination lamp (see Section 6.3.1).
5. Hold the handle of the lounge (16/3) and push the lounge back as far as it will go.
6. Tighten down the 2 screws 6.3 x 16 (16/2).

Replacing the Large Covering Panel in Front of the Base

1. Insert the bottom flaps (18/8) of the covering panel into the spring clips (18/7).
2. Press the covering panel on completely.

6.3.4 Canopy Panel Lighting

Removing the small cover panel

1. Position the solid rubber suction (31/3) supplied on the small cover panel (31/4).
2. Pull the panel up a little with the suction.
3. Guide the lugs at the back of the small cover panel (31/4) out of their recesses in the large cover panel (31/2).
4. Remove the cover panel upwards.

Dismantling the large Covering Panel

1. Slacken the 2 screws (31/5).
2. Press the front side of the covering panel and simultaneously tilt upwards until the lugs slip out of their recesses in the light panel (17/16).

Removing the Canopy Operating (light) Panel

1. Unscrew the screws (17/17) from the light panel (17/16).
2. Swing the light panel out a little.
3. Disconnect the 2 cables from the printed circuit board of the light panel.
4. Remove the light panel.

Changing the Lighting Lamps

1. Unscrew the screws (17/13).
2. Remove the halogen lamp (17/10).
3. Replace the new halogen lamp into the holder.
Do not touch the lamps with your fingers.
If this does not work, replace the temperature fuse (17/9).
4. Replace the light panel and the two covers of the canopy.



Function

6.3.5 UWE Light Logo in the Bed

Removing the Large Covering Panel in Front of the Base

1. Grip the covering panel (18/8) by the ventilation slots.
2. Remove the covering panel by pulling forwards. The recesses in the covering panel become free of the spring clips (18/7).

Replacing the Lamp

The light casing (18/3) with the lamp is beneath the sliding lip.

1. Remove the screws (18/6).
2. Swing the light casing (18/3) down.
3. Withdraw the lamp (18/5) from its holder (18/4) and fit the new lamp into the holder.
4. Reassemble the light casing.

Replacing the Large Covering Panel in Front of the Base

1. Hook the covering panel (18/8) with its lower slots into the spring clips (18/7).
2. Press the covering panel on completely.

6.3.6 Emblem Lighting

Removing the Small Canopy Covering Panel

1. Position the solid rubber suction (31/3) supplied on the small cover panel (31/4).
2. Pull the panel up a little with the suction.
3. Guide the lugs at the back of the small cover panel (31/4) out of the recesses in the large cover panel (31/2).
5. Remove the cover panel upwards.

Dismantling the large Canopy Covering Panel

1. Slacken the 2 screws (31/5).
2. Press the front long side of the covering panel (31/2) and simultaneously tilt upwards until the lugs slip out of the recesses in the light panel (17/16).

Replacing the Emblem Lamp

1. Bend the clip (17/5) to the side.
2. Pull the slider (17/2) of the lamp holder.
3. Exchange the lamp (17/3).
4. Move the clip (17/5) back.
5. Fit the large and small covering panels of the canopy.

6.4 Changing the Filter Pads

The air used to cool the unit is passes through micro-filter pads as it enters the unit. These pads filter out fluff, hair, dust particles etc. to minimise the need for cleaning internal parts such as lamps. The filtered particles clog the pads after long-term use and reduce the cooling effect of the unit, so the filter pads should therefore be replaced from time to time to prevent the unit overheating. The frequency of replacement depends on the operating time and amount of dirt.



Function

Always use original filter pads obtainable from your dealer or PC Marketing.

Note

Your unit has a service module (see Section 5.3). An exclamation mark will appear on the external display to indicate when the filter pads need replacing, for example.

6.4.1 Filter pads in the Base Casing

Removing Large Covering Panel in Front of the Base

1. Grip the covering panel (18/8) by the ventilation slots.
2. Remove the covering panel by pulling forwards. The recesses in the covering panel become free of the spring clips (18/7).

Replacing the Filter Pads

1. Pull the wire clips (18/10) out of the filter frame (18/1).
2. Replace the filter pads (18/11).
3. Reattach the wire clips.

Replacing the Large Covering Panel in Front of the Base

1. Hold the covering panel (18/8).
2. Insert the bottom flaps of the covering panel into the spring clips (18/7).
3. Press the covering panel on completely.

6.4.2 Filter Pads in the Canopy

Removing the Small Canopy Covering Panel

1. Position the solid rubber suction (31/3) supplied on the small cover panel (31/4).
2. Pull the panel up a little with the suction.
3. Guide the lugs at the back of the small cover panel (31/4) out of the recesses in the large cover panel (31/2).
4. Lift away the small covering panel.

Replacing the Filter Pads

1. Remove the wire clips (31/7) which hold the filter pads (31/6) in place.
2. Insert new filter mat (31/6) according to the shape.
3. Replace the wire clips (31/7).

Replace the small canopy covering panel.

1. Stand in front of the unit.
2. Hold the small covering panel (31/4).
3. Clip the brackets on the back of the small covering panel into the recesses in the large covering panel (31/2).
4. Lower the covering panel down and insert it into the lugs on the opposite side of the panel.

6.5 Changing the AROMA Containers

Removing Large Covering Panel in Front of the Base

1. Grip the covering panel (18/8) by the ventilation slots.
2. Remove the covering panel by pulling forwards. The recesses in the covering panel become free of the spring clips (18/7).
3. Remove the covering grille (27/6).

Replacing the AROMA Containers

1. Using a coin, turn the slot in the bolt (27/4) to the vertical position.
2. Pull out the drawer (27/3) containing the four AROMA containers.
3. Replace the AROMA containers (27/1).

Remember to remove the lids of the new AROMA containers you have replaced.

4. Push the drawer back in as far as it will go.
5. Lift the drawer a little then insert the tip of the bolt (27/4) into the socket (27/8) and then turn the slit with a coin to the horizontal position.
6. Replace the covering grille (27/6).



Function

Replacing the Large Covering Panel in Front of the Base

1. Lift the covering panel (18/8).
2. Insert the bottom flaps of the covering panel into the spring clips (18/7).
3. Press the covering panel on completely.

6.6 Changing the BREEZE Module

For health reasons, regular tap water or only distilled water must not be used. Always use the water provided by UWE in the original water can - this water is triple distilled and sterile.

Removing the Large Covering Panel in Front of the Base

1. Grip the covering panel (18/8) by the ventilation slots.
2. Remove the covering panel by pulling forwards. The recesses in the covering panel become free of the spring clips (18/7).

Changing the water can

1. Pull the silicone tube (24/3) out of the empty can.
2. Unscrew the sealed cap from the full can and screw the cap (24/2) with the hole and connection piece from the empty can onto it.
3. Insert the tube (24/3) through the hole and push it until it touches the base of the can.
4. Place the can in its recess in the base.



Warning

Warning! You must now bleed the BREEZE system.

5. Enter service menu 2 (Chapter 5.2) to bleed the system.
6. In the Bleed BREEZE position, press the BINGO button (max. 1 minute) until the nozzle produces a fine, cone-shaped spray of water.

Wait 1 minute before re-starting the pump of the BREEZE system.

Replacing the Large Covering Panel in Front of the Base

1. Hook the covering panel (18/8) with its lower slots into the spring clips (18/7).
2. Press the covering panel on completely.



Warning

6.7 Stay Position in the Support Arms

The canopy cannot be lowered if the stay activates.

Please contact PC Marketing Technical Service if this happens.

7 GENERAL TROUBLESHOOTING GUIDE



Warning

Always unplug the unit before you begin servicing and repair work.

Repairs must only be performed by an authorized technician.

Safety features must not be disassembled or put out of operation.

- **Dark spots at the ends of the lamps**

Dark spots which appear at the ends of the lamps when switched off have no effect on the performance of the tan. Change the starter as a precautionary measure.

- **One or several lamps not lit (change starter)**

Changing the Starter

1. Remove the appropriate acrylic sheet.
2. Check that the lamp is inserted correctly.
3. Check that the starter is inserted correctly.
4. Remove the starter of the lamp (see Table 2) which does not light by turning it counter-clockwise and then reinsert by turning clockwise.
5. If the lamp still does not light, try inserting the starter from a lit lamp.
6. If this does not work, you must check the lamp.
7. Insert the lamp which does not light into a lamp holder where the lamp does light up. If the lamp does not light it is faulty and must be replaced. If it does light up however there is an electric short in the unit.

Inspection by an authorized service technician

	Starter position	Action
Canopy	In back of canopy	Remove covering panel
Side tanner	At bottom of side tanner	Pull out the Lounge
Lounge	Lamp holder at top of lounge	Remove acrylic sheet
Illumination lamp	At lamp holder	

Table 2

The tanning canopy or tanning lounge becomes too hot

1. Check if the air filters (filter pads) are blocked.
2. With direct air return, ensure that the warmed cooling air is discharged to outside without excessive loss. The air must not be trapped in the hose or in the ventilation duct since this can cause the unit to overheat. The exhaust air hose must not be kinked.

8 LAMP DISPOSAL

Lamp

Fluorescent lamps, U-P-P lamps and high-pressure lamps are hazardous waste. They cannot be disposed of with domestic waste. The local authorities provide information about how to dispose of these lamps.

TECHNICIAN'S SPECIFICATIONS

9 INSTALLING THE UNIT

The unit may only be set up by authorized persons. At least two people are required to set up the unit. The rooms in which the units are set up must be well ventilated otherwise there is a risk of overheating.

9.1 SITE AND DELIVERY LOCATION

The unit is transported and delivered pre-assembled on a pallet. (Exception: the covering panel for the body cooling unit is delivered separately). The unit is firmly secured on the pallet with straps and wrapped in protective wrap. The pallet is unloaded on-site using a hydraulic ramp or fork-lift truck. The unit must be dismantled from the pallet and then reassembled at the installation site. All units are intended solely for tanning indoors. The unit may only be operated in dry rooms and must not be exposed in hazardous areas. The rooms must be well-ventilated.

9.2 Installation and Assembly

Note Remove the straps and packaging wrap.

9.2.1 Disassembling the Lounge

Removing Large Covering Panel in Front of the Base

1. Grip the covering panel (18/8) by the ventilation slots.
2. Remove the covering panel by pulling forwards. The recesses in the covering panel come free of the spring clips (18/7).

Removing both Filter Frames

1. Turn the slots in the bolts (18/2) horizontal.
2. Hold the filter frame by the handle (18/1).
3. Lift the filter frame with its pilot pins (18/9) out of the holes.
4. Place the filter frame with its pilot pins on the floor.
5. Thread the filter frame downwards and out.
6. Dismantle the second filter frame in the same way.
7. Take both filter frames to the installation site.

Removing the Lounge Acrylic

1. Push up the canopy.
2. Remove the head cushioning and various individual parts, e.g. the fan cowl (23/4).
3. Use a screwdriver.
4. Push the bolt (3/2) down, turning it 90 degrees at the same time.
5. Do the same with the second bolt. The lounge panel moves up a little.
6. Hold the lounge acrylic (3/1) by its front long side.
7. Pull the lounge acrylic and clamping rail (3/3) forward approx. 2 inches until the clamping rail engages.
8. Remove the lounge acrylic and clamping rail.

Pulling out the Lounge

1. Completely unscrew the two screws 6 x 16 (16/2) on the underside of the lounge.
2. Pull out the lounge using the handle (16/3) as far as it will go.
3. Loosen the retaining cord (16/5) on the back of the lounge.

Check that the plug-in connections (20/9) between the lounge and the lounge board (No. 6) is disconnected.

4. Pull out the lounge again and lift up (the lounge should be lifted by two people.)
5. Carry the lounge to the installation site.



Function

9.2.2 Dismantling the Boards and Air Conditioning Unit

Separating the Plug-In Connections

1. Remove the retaining frame (25/3) and holder (25/4) over the cables.
2. Pull the sockets (20/6) from the plugs (20/5).
3. Unscrew the screws (20/3).
4. Remove the holders (20/4) with the plugs (20/5).
5. Pull the plugs (20/19) out of the sockets (20/20) which are fixed on the control board.

Do not disconnect the power cable from the control board (20/1).

6. Separate all other plug connections between the unit and boards.
7. Remove the cable (20/16) from the main processor board (20/17).



Function



Function

Dismantling the Boards and Air Conditioning Unit

1. Remove the retaining frame in front of the air conditioning unit.
2. Remove the air conditioning unit (20/12) a little.
3. Disconnect the 3-pin coupling (20/11) on the air conditioning unit from the coupling (20/12) coming from the terminal in the right-hand base section.
4. Pull the 6 boards (nos. 1-6) and the assembly plate with the main processor board (20/18) from the guide rails.

The power cable (29/5) runs to the exterior via a pressure screw at the rear of the unit.

5. Slacken the retaining clip on the large pressure screw (29/4) at the rear of the unit.
6. Remove the control board (20/1).

9.2.3 Disassembling the Side Tanner

Removing the Acrylic Sheet

1. Lift up the operating panel (8/1).
The operating panel locks in position.
2. Turn the slots in the 3 bolts (6/1) horizontal.
3. Tilt the acrylic sheet (6/2) forwards onto the long side.
4. Lift the acrylic sheet out of the lower rail groove (6/3).

Disassembling the Side Tanner

1. Remove the sunlamps (30/4) of the side tanner in the area near the body.
2. Dismantle the frame on which the lamp holders are mounted at the bottom of the unit and tilt it inwards.
3. Slacken the 4 screws 8 x 15 (30/2) with washers (30/3) which secure the side tanner to the bracket of the frame holders.
4. Remove the side tanner.

9.2.4 Disassembling the Exhaust Unit

Loosening the Expansion Bellows

1. Loosen the lower spring clips (21/2) of the two bellows (21/1).
2. Push the expansion bellows upwards.

Disassembling the Air Duct

1. Loosen the 3 accessible screws (21/3).
2. Remove the air duct (21/4).

Disassembling the Exhaust Chimney

1. Remove the caps (21/7) and unscrew the screws (21/8) with their inserts (21/9).
2. Carry the exhaust chimney (21/5) to the desired place of installation.

Dismantle the cover plate and guide plates at the rear of the unit.

1. Remove the caps (21/7) and unscrew the screws (21/8) with their inserts.
2. Carry the cover plate (21/10) to the desired place of installation.
3. Dismantle the two guide plates (21/11) for the louvre.

9.2.5 Disassembling the Casing

All the plastic casing sections for the base are secured to the base with EJOT-PT screws 6 x 20 and held together with connecting lugs.

1. Disconnect the yellow cable (22/1) for the shoulder tanner and the fan cable (22/2) from the terminal on the right at the back of the base.
2. Remove the connecting lugs (22/6) and (23/2) from between the casing sections and unscrew the EJOT-PT screws from the base.
2. Remove the casing section with the shoulder tanners (22/3).
3. Remove the casing sections (22/5, 22/7, 23/1, 23/6) from the corners of the base.



Function

Note The cables for the BINGO loudspeaker etc. can be left fitted to the corresponding casing section.

The casing section (23/4) for the body cooling element is delivered separately and need not be dismantled here.

9.2.6 Disassembling the Canopy

Removing the Small Canopy Covering Panel

1. Place the solid rubber suction (31/3) supplied on the small covering panel.
2. Pull the panel up a little with the suction.
3. Guide the lugs at the back of the small cover panel (31/4) out of the recesses in the large cover panel (31/2).
4. Lift the cover panel up and away.

Removing the Large Canopy Covering Panel

1. Stand behind the unit.
2. Slacken the 2 screws (31/5).
3. Press the front side of the covering panel and simultaneously tilt upwards until the brackets slip out of the recesses in the light panel (17/16).
3. Remove the covering panel.

Removing the Acrylic Sheet

1. Turn the slots in the 4 bolts (7/1) horizontal.
2. Tilt the acrylic sheet (7/2) forwards.
3. Lift the acrylic sheet out of the lower rail groove (7/3).

Disconnecting the BREEZE Pipes

Note The BREEZE unit in the base is connected by a black PA pipe (24/7) to the pump in the canopy and by a light silicone pipe (24/6) to the nozzle in the canopy.

1. Press the silver-coloured slider of the coupler (24/8).
2. Pull out the plug (24/9).
3. Pull the two hose connector sections (24/4, 24/5) apart.

Removing the Canopy

Note Some tips for easier canopy removal:

1. Press the canopy down.
2. Push a 7 mm diameter pin (28/8, part no. 260 551) through the recess in the mechanism (28/6) on each side of the retaining arm.



Function

The 2 pins are assembly aids only and must be removed once the canopy is assembled.

Next steps

3. Dismantle the louvre (31/8) together with its mounting rail (31/10).
4. Unscrew the 8 socket head cap screws (28/1), 8 x 20, and washers.
5. Lift up the canopy above the retaining brackets (28/7).
6. Take the canopy to the place of installation.



Function

Avoid damaging the aluminium panel (30/5) if placing the canopy on the floor.

9.2.7 Disassembling the Base

Note Leave the AROMA module (27/3) and the BREEZE module (24/1) in the base casing.

Opening the Base

Note The base casing consists of 2 elements which are held together by screws.

1. Separate the plug connection (25/8, 25/9) between the right and left hand sections of the base.
2. Remove the 6 screws 6.3 x 16 (25/13) with their lock washers (25/14).
3. Take the 2 base sections to the desired place of installation.

Dismantle the retaining arms (if necessary because of space).

1. Remove the fixing screws (25/10, 25/12) that are screwed into the retaining arms at the side and rear.
2. Remove the retaining brackets by lifting upwards.

9.2.8 Installing the Exhaust Unit

Installing the Exhaust Unit

1. Install the exhaust unit (21/5) in the center at the back of the tanning room.

9.2.9 Assembling the Base

Assembling the Base

1. Arrange the two sections of the base in the tanning room as shown in Figure 25.
2. Assemble the base sections with the 6 screws 6,3 x 16 (25/13) and lock the washers (25/14).
3. Make the plug-in connection (25/8, 25/9) between the right and left hand sections.

Assembling the Retaining Arms (if disassembled)

1. Take the retaining arms (25/6, 25/11) and guide them into the corresponding recesses in the base from above.

The retaining brackets (25/7) for the side tanner should face inwards.

2. Attach each of the retaining arms from behind using 3 screws M10 x 16 (25/12) and from the side with 4 screws M10 x 10 (25/10).

Make sure to tighten down the short screws at the side so as not to impair the movement of the mechanism.

9.3 Assembling the Casing

The plastic corner sections around the base are secured with EJOT-PT screws 6 x 20 which are screwed in from inside the base.

Ensure that you insert the EJOT-PT screws vertically and screw them in vertically.

1. Fasten the front sections of the casing (22/7, 23/1) to the corners of the base using 4 screws each.
2. Attach the lower rear vertical casing section (23/6) with 5 screws and the upper rear vertical section (22/5) with 6 screws to the corner of the base.
3. Pull the cables of the upper vertical casing sections in through the slot in the right hand base wall.
4. Pull out the AROMA module drawer (27/3).
5. Unscrew the cover plate (23/8).
6. Hold the covering panel (23/4) with the ventilation grille.
7. Attach this covering panel with 5 screws from inside the base.

Note

You will have to reach through the hole in the cover plate (23/8) to fasten 3 of the screws.

8. Connect the lower 3 vertical covering panels with the 2 connecting lugs (23/2).
9. Replace the cover plate (23/8).
10. Push the AROMA Module drawer back in.
11. Lift the covering panel (22/3) with the shoulder tanners.
12. Pull the cables for the shoulder tanner (22/1) and fan (22/2) through the hole in the right hand wall of the base.
13. Connect these cables to the terminal as shown on the wiring diagram.
14. Assemble the covering panel (22/3) to the wall of the base with 5 screws.
15. Connect the upper 3 vertical covering panels with the 2 lugs (22/6).

9.3.1 Assembling the Boards and Air Conditioning Unit

Inserting the Boards

The control board (20/1) has components on both sides.

1. Insert the control board in the left-hand slots. The capacitors and timer (20/19) point to the left.
2. Insert the main power cable (29/5) through the pressure screw (29/4) to the outside of the unit.
3. Tighten the clip on the pressure screw (29/4).
4. Check that the coding cable (29/6) is through the pressure screw (29/3), that the clip is tight and that the coding plug (29/2) is inserted in the socket (29/1) and locked in position.
5. Insert the boards numbered 1 - 6 into the slots according to the numbering from left to right (Figure 20).

Note

The recesses in boards 1 - 6 must always be at the front lower corner of the board.

6. Insert the board (20/17) with the main processor board into the corresponding slot. The main processor board is on the right.
7. Pull the 29-way connector from the terminal at the rear left hand side of the base through the square opening (20/8) to the front, and fit the plug into the socket on the left hand side of the board (20/17).
8. Attaching the plug-in connections between mainboard and aroma unit
Pull the 9-pin coupling (20/21) from the left side of the mainboard (20/18) through the recesses of the ballast trays (20/1..6) and the quadratic opening in the relay tray (20/1). Plug in the connector (25/16) on the top side of the aroma unit housing.

Inserting the Air Conditioning Unit

1. Connect the 3-pin coupling (20/11) of the air-conditioning unit with the coupling (20/12) from the terminal in the right hand part of the base.
2. Push the air-conditioning unit into the recess as far as it will go to the rear and to the right up against the rubber seal.
3. Adjust the air conditioning unit with the mounting bracket (20/14).
4. Attaching the connections for A/C
Pull the cable from the main processor board through the quadratic opening in the housing. Fasten the socket in the opening at the front of the A/C housing left of the A/C unit (35/9) and plug in the A/C cable (35/9).

9.3.2 Assembling the Canopy

Assemble the Canopy

1. Lift the canopy.
2. Hold the canopy above the retaining arms (28/7).
3. Insert the lugs (28/4) on the retaining arms into the holes (28/2) in the canopy.

Take care not to damage the aluminium rail (30/5)!

4. Insert the four screws 8 x 20 (28/1) on each side.

Ensure that the screws are tight.

If you followed the previous mounting suggestion:

1. Press the canopy down.
2. Remove the 2 pins (28/8) that you pushed through the holes in the retaining arm.

Next steps

Inserting the Air Duct

1. Insert the air duct (21/4).
2. Screw in the 3 accessible screws (21/3).

Attaching the Bellows

1. Pull the bellows down (21/1).
2. Attach the bellows to the air ducts using the appropriate spring clips (21/2).

Pulling the cables through.

1. Pull the canopy cables through and down.
2. Attach the holders (20/4) with the plugs according to their numbering (connector X11 etc.) in the holes in the base using 2 screws each (20/3).
3. Pull the two cables (20/15) of the light panel down into the base through the round 30 cm diameter hole (20/9) in the base and connect them to the main processor board.

BREEZE

The BREEZE unit in the base is connected by a black PA pipe (24/7) to the pump in the canopy and by a light silicone pipe (24/6) to the nozzle in the canopy.

1. Connect the coupler (24/8) and plug (24/9) together. The coupler and plug must audibly engage.
2. Now connect the plug-in connector (24/4, 24/5) on the light silicone pipe.

Replacing the Acrylic Sheet

1. Position the acrylic sheet (7/2) in the rail groove (7/3) according to the screen printing.
2. Tilt the acrylic sheet towards the canopy.
3. Turn the 3 bolts (7/1) to the vertical position.



Function



Function

9.3.3 Assembling the Side Tanner

Mounting the Side Tanner

The face section of the side tanner must be at the top.

1. Slide the top of the side tanner into the side casing (30/6) until the edge of the side tanner (30/8) is against the bracket (30/7).
2. Swing the bottom of the side tanner to the unit.
3. Lift up the operating panel (30/1).

The operating panel locks in position.

4. Line up the 4 holes in the side tanner with the holes in the 4 brackets. (25/7).
5. Insert the 4 screws 8 x 15 (30/2) and washers (thick washer) from the inside of the tanning area.

Ensure that the screws are tight.



Warning

6. If you have dismantled the frame for the lamp holders at the bottom of the unit, replace and secure this now.
7. Insert the side tanner lamps (30/4).
8. Attach the plug with bracket (20/4) with the 2 screws (20/3) in the corresponding hole (connector X13) in the base.
9. Attach the canopy cables (28/3) and the side tanner cable to the base using the cable ties (25/4).
10. Attach the cover (25/3) over the connections.
11. Pull the 2 cables of the interior operating panel through the round hole (20/9) in the base and connect them into the corresponding sockets on the main processor board (20/16).

Replacing the Acrylic Panel

1. Lift up the operating panel (8/1).
2. Position the acrylic panel (6/2) in the rail groove (6/3) according to the screen printing.
3. Move the acrylic sheet back against the side tanner.
4. Turn the bolts (6/1) to the vertical position.

9.3.4 Mounting the Covering Panels in the Canopy, Louvre and Exhaust Chimney

Mounting the Louvre

1. The louvre (31/8) is attached to the canopy frame by its mounting rail (31/10) from behind.

Mounting the Cover Plate

1. Mount the cover plate (21/10) to the rear corner casing sections with the inserts (21/9), screws (21/8) and caps (21/7).
2. The two guide lugs (21/11) for the louvre are attached with the inserts (21/9), screws (21/8) and caps (21/7).

Mounting the Exhaust Chimney (21/5)

1. The exhaust chimney (21/5) is mounted with the inserts (21/9), screws (21/8) and caps (21/7).
2. Attaching the plug-in connections between mainboard and exhaust unit
Attach the 4-pin coupling which leads from the main processor board to the warm air circulation actuator by pulling the cable through the quadratic opening in the back wall of the base housing.

Attaching the Large Canopy Covering Panel (31/2)

1. Stand in front of the unit and lower the canopy.
2. Locate the rear edge of the covering panel in the back grooves in the mounting rail (31/10).
3. Push the covering panel back and guide the lugs on the covering panel into the holes in the light panel (17/16).
4. Place the covering panel on the canopy.
5. Insert the 2 screws (31/5).

Attaching the Small Canopy Covering Panel

1. Stand in front of the unit.
2. Lift the small covering panel (31/4).
3. Clip the lugs at the back of the small covering panel into the holes in the large covering panel (31/2).
4. Swing the covering panel down and locate the lugs on the opposite side.

9.3.5 Attaching the Plug-In Connections

1. Attach all the plug-in connections except for the connection between the lounge and the lounge board (20/10).
2. The plug connections can be found in Table 3.
3. As you make the plug connections, pull them along the front recesses in the boards.

9.3.6 Assembling the Lounge

Note Installing the Lounge

The edge with the foam padding must be to the front.

1. Pull the socket (20/10) of the lounge board (No. 6) back through the square hole (20/8) in the base.
2. Position the lounge so that its back track is resting on the base.



Warning

Warning:

Be careful not to trap the lounge cable. It must drop into the base.

2. Push the whole lounge back by its handle (16/3) a little way (like a drawer).
3. Attach the retaining cord (16/5) to the back of the lounge.
4. Attaching the connections for the lounge
Plug in both connectors (20/9 and 20/10).
5. Push the lounge back as far as it will go.
6. Tighten down the 2 screws 6 x 16 (16/2).
7. Check that all plug-in modules are pushed home and that all plug connections have been made.

Replacing the Lounge Acrylic (16/1)

1. Locate the lounge acrylic with the pins (8/3) on the clamping rail (8/2) into the fixture (8/4).
2. Place the lounge acrylic on the lounge.
3. Turn both bolts (3/2) back 90 degrees.
4. Push the lounge acrylic back until it engages.

Attaching the Filter Frame

1. Hold the filter frame by the handle (18/1).
2. Move the handle under the foam-covered front edge of the lounge.
3. Insert the filter frame with pilot pins (18/9) into the drilled holes in the base.
4. Swing the filter frame and handle towards the base.
5. Turn the bolts (18/2) to the vertical position.
6. Mount the second filter frame in the same way.

Attaching the Large Covering Panel in Front of the Base

1. Lift the covering panel (18/8).
2. Insert the bottom flaps of the covering panel into the spring clips (18/7).
3. Push the covering panel up until the top recesses engage in the spring clips (18/7).

9.4 Connecting the Exhaust

Warm Air Re-circulation

You can close (max.) or open (min.) the exhaust air flap in the exhaust duct (21/5) or select a temperature for inside the unit.

Refer to the service module (see Section 5.3.1).



Warning

Warning! Important Information!

The heated air must be extracted from the exhaust duct (21/5) of the unit via a direct air outlet (central exhaust duct). We recommend the use of the special exhaust chimney for this purpose which is supplied with the unit.

Exhaust Chimney

The air can be extracted directly from the exhaust duct of the unit to the ceiling of the room by a special exhaust chimney (33/1)

The 2 main sections of the exhaust chimney are telescopic so that the height of the exhaust chimney can be adjusted to the height of your unit.

An exhaust hose or cap can be attached to the exhaust chimney using adapters to suit your space requirements.

Attaching the Exhaust Chimney

1. Screw the exhaust chimney onto the exhaust duct (32/3) of the unit.
2. Pull the upper section of the exhaust chimney (32/2) up to suit your ceiling height.
3. Fasten the top of the exhaust chimney to the room wall or ceiling with the screws (32/1).



Warning

Warning, Important Information! Please Read, Danger of Overheating!

If the exhaust air is discharged to the outside via a ventilation shaft, ensure minimum flow resistance inside the shaft. Use a booster fan if required. We advise you to consult your HVAC contractor.

The discharge airflow is approx. 1500 cfm/hour, so the same amount of fresh air must be able to enter into the room at the same rate. You should therefore provide fresh air vents in the room wall providing a total opening cross section of at least 2500 cm².



Warning

9.5 Electrical Connection

Warning:

Electrical connections must only be performed by a qualified electrician in accordance with the local wiring codes.

The unit is not delivered with a power cable for connection. The three-phase current cable must be installed by a licensed electrician. Each unit is supplied with a wiring diagram.

1. The power cable should be attached to an independent circuit breaker to allow the unit to be completely isolated from the main power source.

9.6 Remote Timer Control

Insert the coding plug with the cable into the mating socket with retaining clip, which is situated on the inside of the ballast compartment on the far left top level shelf. This cable forms the connection to the remote timer. The cable has four cores (phase, switched phase, second phase and ground). Therefore the remote control system does not require a separate electrical connection. The remote system must be capable of handling an inductive load of up to 16 amps.

Using the red and black wires within the cable, the unit will operate on most timing systems. The white wire is only used when 220 V switching is required. Route the cable toward the back left side of the unit through the access opening and cable restrain.

Note Cap off white wire when not in use, it supplies line voltage.

10 INITIAL OPERATION

10.1 Technical Specifications, Dimensions and Lamp Configuration

	POWER FOR YOU	
Unit Type VX	7019/86 VX	Air Condition
Power (incl. Air-Cond.) VX	16,000 W	885 W
Operating Voltage V	3 Phase 220 V 60 Hz or 2 Phase 220 V 60 Hz	115 V 60 Hz
Fuse rating (A) VX	60	100 A 16 A
Weight (lbs.) Version VX	1700	
Dimensions (in inches) Length Width Height (Canopy open)	95 57 70	
Room Temperature for operation max. 76°F (°C).		
The installation site must have a floor loading capacity of at least 110 lbs. per square foot and must be level.		

*We reserve the right to make technical changes

Designation	UV Configuration and Re-lamping Type	
POWER FOR YOU		
Version Vx		
Canopy, face - UV Cosmolux	10 x 400W – Heraeus P/N BQ470Z4 P/N LS25W	16 x 25 U·P·P
Canopy, body - UV	24 x 140W VHR Cosmolux P/N 16150	
Canopy lighting	6 x halogen SYLV 12 V 20 W	
Emblem lighting	1 x TLU 20 W white	
Canopy	1 x TLD 18W/18 blue	
Background lighting		
Side tanner, face - UV	2 x 400 W Heraeus P/N BQ471Z4	4 x 25 U·P·P P Cosmolux P/N LS25W
Side tanner, body - UV	6 x 140 W VHR	
Lounge - UV	20 x 160 W VHR Cosmolux P/N 16180	
Lounge illumination (Floorlight)	1 x TL-D 36 W/18 blue	
Lounge Logo Light	1 x 7 W	
Shoulder Tanner – UV	2 x 400W Heraeus P/N BQ470Z4	

! 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**

Sunlamp Covering

The sources of UV light are covered by a panel of 2.5 mm thick acrylic in the canopy and by two acrylic sheets in the lounge. One 4 mm thick (waved form) and one 5 mm thick. The acrylic sheets are frosted on the lamp side except for the lower lounge (waved form) acrylic sheet. The high pressure lamps are covered by a 3.1 mm thick filter type MUG 6 plus (manufacturer's part no. 22010) and a 3.75 mm thick filter type 02932 (manufacturer's part no. 02932).

All face tanners also have a frosted lens of 2.5 mm thick acrylic sheet. A reflector made of mirror-finish rolled, electronically polished and anodised aluminium is inserted between the lamps and the canopy and lounge support.

11 CUSTOMER SERVICE ADDRESS

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