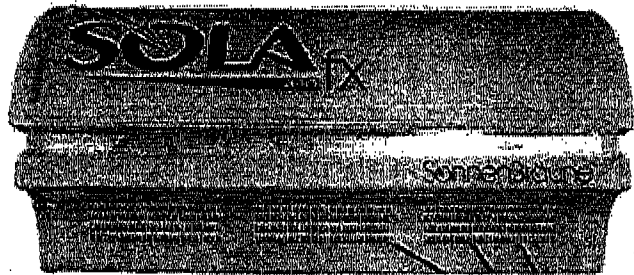
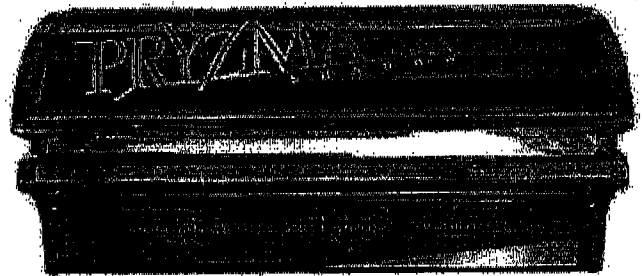
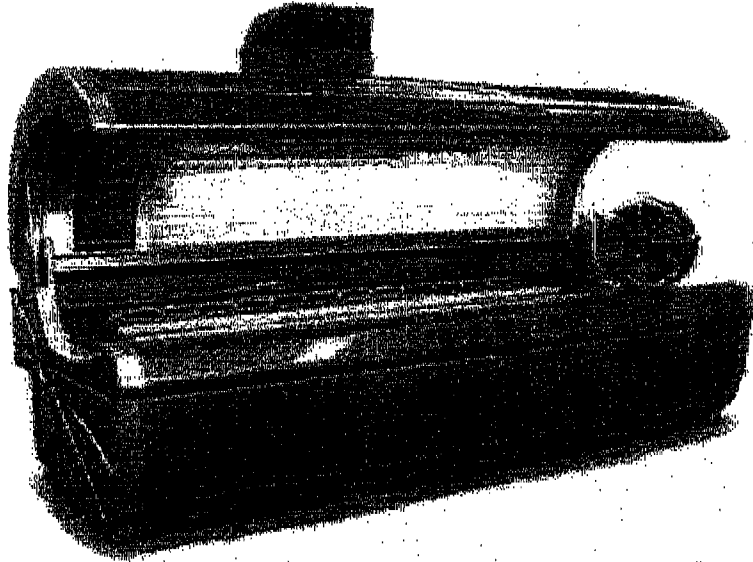


ASSEMBLY & OPERATING MANUAL

Pryzma™

Pryzma™ Shadow 1044

Sola FX 840



SonnenBräune

SonnenBräune, Inc.
6362 Battlefield Parkway
Ringgold, Georgia 30736 USA
800-829-6533
www.sonnenbraune.com

Volume Edition 1/07

©2007 SonnenBräune, Inc.



Elements of the unit



Elements

- a Filter flap
- b Handle
- c Intensive face tanner
- d Upper part (canopy)
- h Trim panel
- i Control elements*
- j Foot end
- k Exhaust air channel
- l Bodyfan, foot end
- g Lower part (bed)

Packing List

- 1 x Plastic part, head endcap
- 1 x Plastic part, foot endcap
- 1 x Cushion
- 1 x Accessory bag with screws
- 1 x Assembly and operating instructions with circuit diagram and pairs of sunglasses
- 1 x Packing docket

Pryzma/Pryzma Shadow Product Specifications & Technical Data

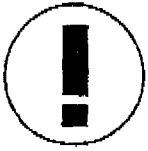
Pryzma & Pryzma Shadow	1044
Color options	White or black shell with prismatic graphics
Reflector tubes in the canopy (#/watts)	24 @ 160W
Reflector tubes in the bench (#/watts)	20 @ 160W
Beauty/Metic facials in the canopy (#/watts)	4 @ 500W
Mechanical lift and lower of canopy with gas pistons	yes
Electrical supply (volts/watts)	220/10,040W
Recommended breaker rating	60 amps
Solarium tan time	12 minutes
Totally filtered air cooling system	yes
Waste hot air tower	yes
Body cooling from head & foot section pillar	yes
Electrical component service tray	yes
Tanning surface with double acrylic decks	yes
Appliance measurements completely assembled	88.25" x 43.25"
Approximate ship weight in lbs.	820 lbs.
Appliance construction	steel
Certification code	ETL
Suggested minimum solarium room size	10' x 8'

Packing List

- 1 x Plastic part, head endcap
- 1 x Plastic part, foot endcap
- 1 x Cushion
- 1 x Accessory bag with screws
- 1 x Assembly and operating instructions with circuit diagram and pairs of sunglasses
- 1 x Packing docket

Sola FX 840 Product Specifications & Technical Data

Sola FX	840
Standard Color	White with multicolor graphics
Reflector tubes in the canopy (#/watts)	21 @ 160W
Tubes in the bench (#/watts)	19 @ 100W
Mechanical lift and lower of canopy with gas pistons	yes
Electrical supply (volts/watts)	220 volts 7,170W
Recommended breaker rating	40 amps
Solarium tan time	15 minutes
Totally filtered air cooling system	yes
Waste hot air tower	yes
Body cooling from the foot section pillar	yes
Electrical component service tray	yes
Tanning surface with double acrylic decks	yes
Appliance measurements completely assembled	88.25" x 43.25"
Approximate ship weight in lbs.	720 lbs.
Appliance construction	steel
Certification code	ETL
Suggested minimum solarium room size	10' x 8'



WARNING LABEL - PLEASE READ

Located on tanning bed canopy - Please read important safety information relating to the proper operation of this equipment.

DANGER: ULTRAVIOLET RADIATION, FOLLOW INSTRUCTIONS, AVOID OVER EXPOSURE, AS WITH NATURAL SUNLIGHT, OVEREXPOSURE CAN CAUSE EYE AND SKIN INJURY AND ALLERGIC REACTION. REPEATED EXPOSURE MAY CAUSE PREMATURE AGING OF THE SKIN AND SKIN CANCER.

WEAR PROTECTIVE EYEWEAR; FAILURE TO MAY RESULT IN SEVERE BURNS OR LONG-TERM INJURY TO THE EYES

CAUTION! EXPOSURE POSITIONS OTHER THAN SPECIFIED CAN BE HARMFUL AND ARE NOT RECOMMENDED

THIS PRODUCT IS IN CONFORMANCE WITH FEDERAL REGULATIONS AND IS LISTED IN THE PRODUCT CATALOGS UNDER NO. 21 OF THE SUBCHAPTER J.

MEDICATION OR COSMETICS MAY INCREASE YOUR SENSITIVITY TO THE ULTRAVIOLET RADIATION. CONSULT PHYSICIAN BEFORE USING SUNLAMP IF YOU ARE USING MEDICATIONS OR HAVE A HISTORY OF SKIN PROBLEMS OR BELIEVE YOURSELF ESPECIALLY SENSITIVE TO SUN LIGHT. IF YOU DO NOT TAN IN THE SUN, YOU ARE UNLIKELY TO TAN FROM THE USE OF THIS PRODUCT.

SKIN TYPE	RECOMMENDED EXPOSURE SCHEDULE:			
	WEEK 1 SESSIONS 1-3	WEEK 2 SESSIONS 4-6	WEEK 3 SESSIONS 7-10	WEEK 4 SESSIONS 11-15
II FAIR	2 MIN.	4 MIN.	6 MIN.	8 MIN.
III MEDIUM	2 MIN.	4 MIN.	6 MIN.	8 MIN.
IV DARK	4 MIN.	8 MIN.	10 MIN.	12 MIN.
V VERY DARK	4 MIN.	8 MIN.	10 MIN.	12 MIN.

MAXIMUM USE TIME: 12 MINUTES

IN MOST CASES, TANNING WILL OCCUR WITHIN SIX HOURS OF THE FIRST APPLICATION. PROVIDED YOUR SKIN IS CAPABLE OF DEVELOPING A TAN, A TANNING RITZEL MAY BE USED AFTER EACH TANNING SESSION. THIS SYSTEM IS INTENDED TO BE USED ONLY WITH THE INSOLEF-SYSTEM BODYSCAN XITE FT41616X BIPUS AND PHILIPS CLEO HP4000 SIX 400W.

THIS DEVICE IS INTENDED TO BE USED BY ONE PERSON AT A TIME. YOU MAY USE DIRECTLY ON TANNING SURFACE.

THE MINIMUM EXPOSURE POSITION IS 05-IN. (1.27CM) FROM THE LAMP'S SURFACE (PRESET BY THE MANUFACTURER). READ THE INSTRUCTION BOOKLET BEFORE USING THIS DEVICE.

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

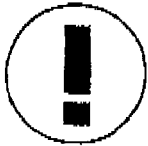
SKIN TYPE III - OFTEN REFERRED TO AS "AVERAGE" COMPLEXION, BURNS MODERATELY AND TANS ABOUT AVERAGE.

SKIN TYPE IV - THIS INDIVIDUAL BURNS MINIMALLY, TANS EASILY AND ABOVE AVERAGE.

SKIN TYPE V - THIS INDIVIDUAL'S SKIN RARELY BURNS, TANS EASILY AND SUBS PANTALLY.

FOR PARTS AND SERVICE CALL:

Sonnenstudio, Inc.
Ringsdorf GA
1-800-628-6583



> WARNING LABEL - PLEASE READ

Located on tanning bed canopy -
Please read important safety information
relating to the proper operation of this
equipment.

DANGER: ULTRAVIOLET RADIATION, FOLLOW INSTRUCTIONS. AVOID OVER EXPOSURE AS WITH
NATURAL SUNLIGHT. OVEREXPOSURE CAN CAUSE EYE AND SKIN INJURY AND ALLERGIC REACTION.
REPEATED EXPOSURE MAY CAUSE PREMATURE AGING OF THE SKIN AND SKIN CANCER.

**WEAR PROTECTIVE EYEWEAR; FAILURE TO MAY
RESULT IN SEVERE BURNS OR LONG-TERM INJURY
TO THE EYES**

**CAUTION! EXPOSURE
POSITIONS OTHER
THAN SPECIFIED CAN
BE HARMFUL AND ARE
NOT RECOMMENDED**

THIS PRODUCT IS IN CONFORMITY WITH PER-
FORMANCE STANDARDS FOR SUNLAMP PRO-
DUCTS UNDER IEC 21 CFR SUBCHAPTER J.

MEDICATION OR COSMETICS MAY INCREASE YOUR
SENSITIVITY TO THE ULTRAVIOLET RADIATION.
CONSULT PHYSICIAN BEFORE USING SUNLAMP IF
YOU ARE USING MEDICATIONS OR HAVE A HISTORY
OF SKIN PROBLEMS OR BELIEVE YOURSELF
ESPECIALLY SENSITIVE TO SUN LIGHT. IF YOU DO
NOT TAN IN THE SUN, YOU ARE UNLIKELY TO TAN
FROM THE USE OF THIS PRODUCT.

SKIN TYPE	RECOMMENDED EXPOSURE SCHEDULE:			
	WEEK 1 SESSIONS 1-3	WEEK 2 SESSIONS 4-6	WEEK 3 SESSIONS 7-10	WEEK 4 SESSIONS 11-15
I (FAIR)	3 MIN	6 MIN	6 MIN	10 MIN
II (FAIR TO MEDIUM)	3 MIN	6 MIN	6 MIN	10 MIN
III (DARK)	3 MIN	8 MIN	10 MIN	15 MIN
IV (VERY DARK)	3 MIN	8 MIN	10 MIN	15 MIN

MAXIMUM USE TIME: 15 MINUTES

IN MOST CASES, TANNING WILL APPEAR WITHIN SIX HOURS OF THE FIRST APPLICATION. PROVIDE YOUR
SKIN WITH SUFFICIENT REST BETWEEN EACH TANNING SESSION. DO NOT TANNING FOR EACH DAY.
IF YOU ARE SENSITIVE TO SUNLIGHT, WEAR PROTECTIVE EYEWEAR FOR YOUR ENTIRE TANNING SESSION.
ON THE EYES AND WEAR PROTECTIVE EYEWEAR FOR YOUR ENTIRE TANNING SESSION.

THIS DEVICE IS INTENDED TO BE USED BY ONE
PERSON AT A TIME. YOU MAY LIE DIRECTLY ON
TANNING SURFACE.

THE EXPOSURE POSITION IS 21 IN. (1.175M)
FROM THE LAMP'S SURFACE (PRESET BY THE
MANUFACTURER). READ THE INSTRUCTION
BOOKLET BEFORE USING THIS DEVICE.

SKIN TYPE I - THIS IS THE INDIVIDUAL THAT USUALLY
BURNS EASILY AND SEVERELY. THIS MINIMALLY OR
LIGHTLY AND PEELS.
SKIN TYPE II - OFTEN REFERRED TO AS "AVERAGE"
COMPLETELY BURNS MODERATELY AND TANS ABOUT
AVERAGE.
SKIN TYPE III - THIS INDIVIDUAL BURNS MINIMALLY.
TANS EASILY AND AVERAGE.
SKIN TYPE IV - THIS INDIVIDUAL'S SKIN RARELY BURNS.
TANS EASILY AND SUBSTANTIALLY.

FOR PARTS AND SERVICE CALL:

Benjamin's, Inc.
1400 222-5533

CONTENTS FOR ASSEMBLY AND OPERATION:

2 **WARNING LABELS - PLEASE READ**
5 **WELCOME**
6 **PACKING LIST & TECHNICAL DATA**
8-14 **ASSEMBLY INSTRUCTIONS**
15 **CONTROL SWITCHES**
16-17 **OPERATING INSTRUCTIONS**
18 **HEALTH DANGERS**
19 **RECOMMENDED EXPOSURE TIMES**
20 **FACIAL TANNER EXPOSURE & INFORMATION**
21-23 **CLEANING UNIT & CHANGING FILTERS**
24-25 **REPLACING FACIAL LAMPS**
26 **CHANGING LAMPS AND STARTERS**
27 **REPLACING FILTER MATS & INDIRECT LIGHTING**
28 **TROUBLESHOOTING**
29 **DISPOSAL OF LAMPS AND SPARE PARTS**
30-33 **WIRING DIAGRAM**



SonnenBräune Headquarters, Showroom
& Factory
6362 Battlefield Parkway
Ringgold, Georgia USA
706.937.2005
800.829.6533
Fax 706.937.5609
web: www.sonnenbraune.com
email: sales@sonnenbraune.com



Congratulations on the purchase of your SonnenBräune tanning bed. This quality bed is one of the finest crafted, most dependable and highly profitable beds available on the market today. We pride ourselves not only on the high standards we uphold in the design and development of these beds, but also on the quality control and customer service we offer in production and throughout installation and operation.

Of course, you purchased this bed because you have faith in our product and what it can do for your salon. Your new SonnenBräune bed was developed to make your salon more profitable. Paired with your salon's advertising and promotion, this bed can help you bring in more customers by offering exotic SonnenBräune features, and increasing your turn around through faster tan times.

And, no matter where you are in the world, there is a SonnenBräune distributor to serve you. Our worldwide network was developed to serve the global demand for our product. So if you ever have a question regarding your SonnenBräune tanning bed, feel free to call your personal distributor, or contact SonnenBräune by phone or through the internet at sales@sonnenbraune.com. You can also visit our web site for more information about the entire line of SonnenBräune products and the latest innovations at www.sonnenbraune.com.

Thanks for purchasing your SonnenBräune bed... The Solar System beyond.

www.sonnenbraune.com

> Before Assembly

The assembly instructions provide important safety directions and information necessary for the correct assembly of the unit. Please read the assembly instructions completely and carefully.

For Your Safety During Assembly

- Danger of injury by sharp edges. Be sure to wear safety shoes and gloves when assembling the unit.
- Danger of electrocution. Never take the safety equipment out of operation.
Never bypass the safety equipment. Ineffective safety equipment could cause harm.
- Work on the electrical supply may only be performed by qualified electricians.
This work must be performed in compliance with electrical rules and regulations.
- Use only original fuses with the specified voltage and current ratings.
- When installing the unit, ensure that the color codings of the plugs and sockets match.
- The voltage of the power source must conform to the specifications of SonnenBräune, Inc.
- Do not put the unit into operation if the power lead or the unit is damaged.
- Protect the cables against heat and moisture.



Transport Damage

Check that the unit has been delivered in a good, undamaged condition immediately upon arrival of shipment. Inform the delivery service of any transport damage or missing items: Compare the delivered parts with the packing list. If there is damage, the damage report should be made immediately, at least within four days of delivery. The notification period begins on the date of delivery. For easier clarification, damage should be photographed.

Notes on Transport Before Assembly

- When transporting, loading or unloading the unit, special care and consideration is necessary. Never use force.
- Do not transport the unit in an assembled condition.
- Only remove the packing material and the transport braces at the final location.
- Replace damaged or worn parts.
- Use only original parts.

Installation Site

- Place the unit in a dry room protected against water spray and drops.
The air humidity must not exceed 70% at the maximum permissible room temperature of 82.4° F
- The ceiling of the room in which you intend to install the unit must be open for ventilation.
- Always ensure sufficient air circulation in the room.

Intended Use

The tanning unit is intended exclusively for cosmetic tanning of the human skin. Other use is not intended. The manufacturer will not accept liability for damages caused by misuse.

The intended use includes:

- The observation of all notes in the assembly and operating instructions.
- Compliance with the specified cleaning and maintenance work.

Assembly Directions

Depending on your room space, the unit must first be dismantled in at least two components (canopy / bench) before the actual assembly. Instructions for this are to be found on the following pages.

Packing List

- 1 x Plastic part, head endcap
- 1 x Plastic part, foot endcap
- 1 x Cushion
- 1 x Accessory bag with screws
- 1 x Assembly and operating instructions with circuit diagram and pairs of sunglasses
- 1 x Packing docket

Sola FX 840 Product Specifications & Technical Data

Sola FX	840
Standard Color	White with multicolor graphics
Reflector tubes in the canopy (#/watts)	21 @ 160W
Tubes in the bench (#/watts)	19 @ 100W
Mechanical lift and lower of canopy with gas pistons	yes
Electrical supply (volts/watts)	220 volts 7,170W
Recommended breaker rating	40 amps
Solarium tan time	15 minutes
Totally filtered air cooling system	yes
Waste hot air tower	yes
Body cooling from the foot section pillar	yes
Electrical component service tray	yes
Tanning surface with double acrylic decks	yes
Appliance measurements completely assembled	88.25" x 43.25"
Approximate ship weight in lbs.	720 lbs.
Appliance construction	steel
Certification code	ETL
Suggested minimum solarium room size	10' x 8'

- Remove the outer packaging and the sheeting. Detach all adhesive tapes.
- Remove the trim panel at the front of the unit. (see Fig. 1)



Abb. 1 / Fig. 1

- Unplug all plug connectors at the connector strips. (see Fig. 2)

Note!

Connector strips and plugs are colour-coded for later assembly.

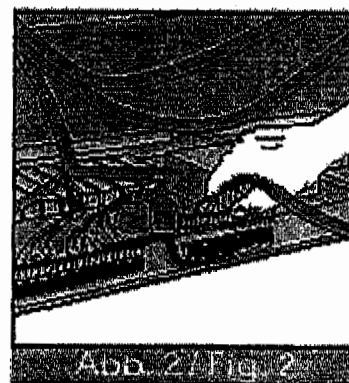


Abb. 2 / Fig. 2

- Disconnect the power cable by detaching the wires from the connector block. (see Fig. 3)



Abb. 3 / Fig. 3

- Remove the ballast plates. Doing this, hold up the cables or clip them into their respective clips. (see Fig. 4)

Note!

- The cables are clipped in in the manufacturing plant.
- The clips are located underneath the bed.

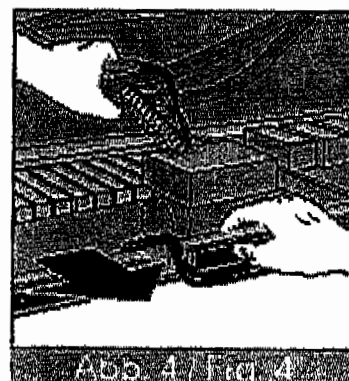


Abb. 4 / Fig. 4

- Remove the rear profile strip from the canopy housing above the white plastic sealing. (see Fig. 5)



Abb. 5 / Fig. 5

- Unscrew the outer two screws. (see Fig. 6)
- Unscrew the two pneumatic springs

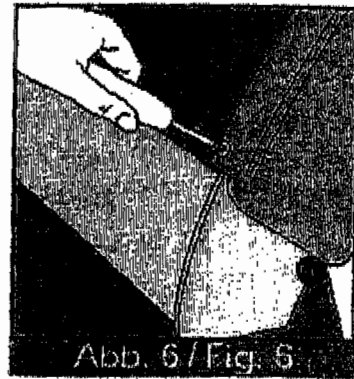


Abb. 6 / Fig. 6

- Loosen the screws of the plastic sealings at the front ends of the white plastic sealing. For this, lift the front end covers of the upper part (canopy) a little bit, you can then loosen the screws. (see Fig. 7)



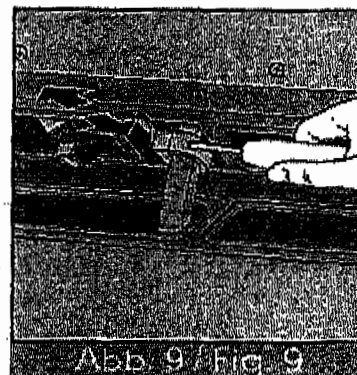
Abb. 7 / Fig. 7

- Loosen the screws above the white plastic sealing. The screws must not be fully unscrewed. (see Fig. 8)
- Take out the white plastic sealing to the bottom.

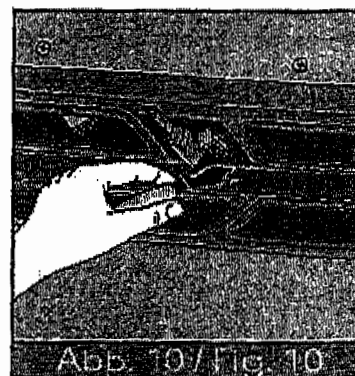


Abb. 8 / Fig. 8

- Undo the cable clip. Pull the cables which are in the spring out a little way and unplug the plug connectors. (see Fig. 9)

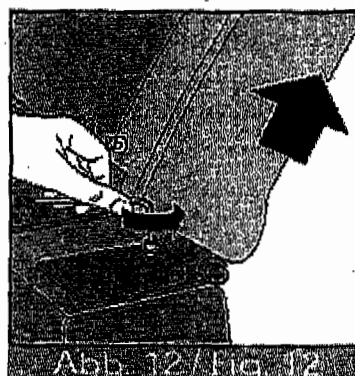


- Pull the cables with the plug connectors out of the springs behind the bars. (see Fig. 10)



- Detach the lower screws of the hinges fixing the upper part (canopy) to the lower part (bed) as follows:

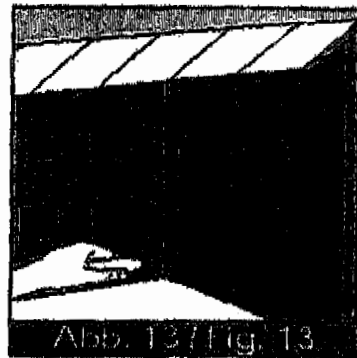
1. First screw out the outer row of hinge screws at the bed part. (see Fig. 11)
2. Have one person available at each of the two front ends of the unit who can lift off the upper part.
3. Unscrew the inner row of hinge screws (see Fig. 12). At the same time, the upper part must be lifted and taken off.



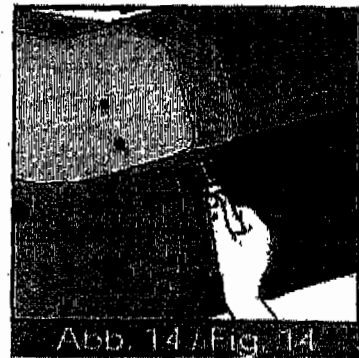


Material breaking!
 Always put the canopy down on a soft base. Put the canopy down as in its assembly position and do not turn it on its back.

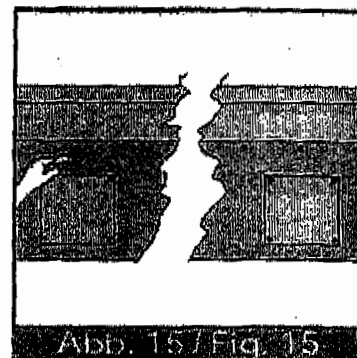
- Loosen the screws of the “fan seal plate” at the front of the unit. The “fan seal plate” is located underneath the bed, behind the insert space of the ballast plates. (see Fig. 13)



- Remove the two outer plastic side parts.
- Loosen the screws between bed and base. For this, unscrew the outer “left” and the outer “right screw” underneath the bed. (see Fig. 14)



- Loosen the screws between rear panel and bed. For this unscrew the 11 screws at the back of the unit (see Fig. 15)
- The bed can now be taken off the base.



• **Assembly of the unit is carried out in reverse order of the dismantling.**

• **Screw the pneumatic shock absorbers into the ball joint in the upper part (canopy).**

• **Fix the pneumatic shock absorbers to the bed.**
(see Fig. 16)

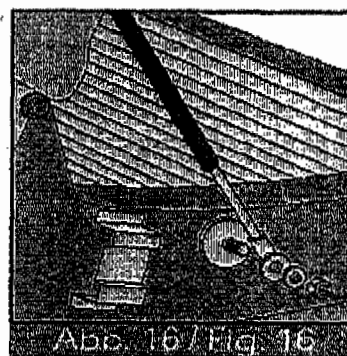


Abb. 16 / Fig. 16

• **Plug the plastic end caps at head- and footside on the bench and screw them.**
(see Fig.17)

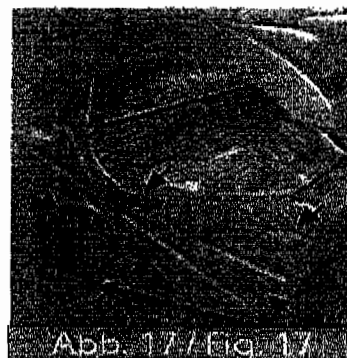


Abb. 17 / Fig. 17

Control Switches

Standby lighting at Canopy

• **You can adjust the lighting time of the logo using the timer mounted on the ballast plate. For this, turn the dial of the timer to the desired lighting time.**
(see Fig. 28)

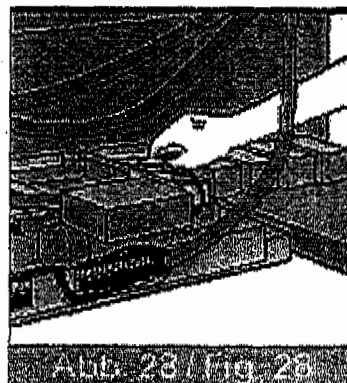


Abb. 28 / Fig. 28

Handle

- Open the unit by lifting up the canopy.
(see Fig. 23)
- When starting a tanning session,
close the canopy using the handle.
The unit should now be fully closed.

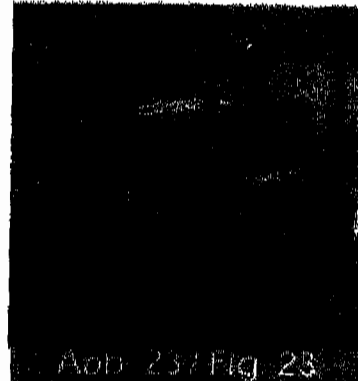


Abb. 23 / Fig. 23

Switch "face tanner"*)

- With this switch you turn on the
"400 W intensive face tanner" (see
Fig. 24).



Abb. 24 / Fig. 24

Switch "fan"

- With this switch you turn the fan
function on or off. (see Fig. 25)



Abb. 25 / Fig. 25

Switch "START"*)

- After connection to a Timer, the start
button is used for the starting function.
(see Fig. 26)



Abb. 26 / Fig. 26

>Operating Instructions

This unit complies with the accepted rules of technology and the pertaining ETL safety regulations.

This unit is screened in compliance with the EMT guidelines (electromagnetic tolerance).

SAFETY DIRECTIONS

Observe the safety directions in the assembly instructions.



General Dangers

- Never allow unsupervised children to use the unit.
- Use the unit only when it has no visible deficiencies.
- Use the unit only when all safety and protective devices such as facial glass is installed and in order.
- Materials which fade in sunlight (e.g. paintings) should not be exposed to the UV light of this unit.



Danger of Overheating

- This unit can overheat if adequate cool air is not supplied.

Never cover the ventilation slots or hot air outlet openings of the cooler fan. If the fan fails, switch off the unit immediately.

Danger of Burns

- Elements of the unit get hot! Never touch the facial glass or lamps during tanning.
- The unit must fully cool before cleaning or maintenance work is done.

CAUTION!

Do not operate this equipment without all Guards, End-caps, Filters, Front Panel, etc. installed on unit. Doing so can cause serious damage to your tanning bed!

THIS DEVICE IS INTENDED TO BE USED BY ONE PERSON AT A TIME. YOU MAY LIE DIRECTLY ON TANNING SURFACE.

THE MINIMUM EXPOSURE POSITION IS 0.6 IN. (1.27CM) FROM THE LAMP'S SURFACE (PRESET BY THE MANUFACTURER). READ THE INSTRUCTION BOOKLET BEFORE USING THIS DEVICE.

SKIN TYPE I - THIS IS THE INDIVIDUAL THAT USUALLY BURNS EASILY AND SEVERELY. TANS MINIMALLY OR LIGHTLY AND PEELS.
 SKIN TYPE II - OFTEN REFERRED TO AS "AVERAGE" COMPLEXION. BURNS MODERATELY AND TANS ABOUT AVERAGE.
 SKIN TYPE III - THIS INDIVIDUAL BURNS MINIMALLY. TANS EASILY AND ABOVE AVERAGE.
 SKIN TYPE IV - THIS INDIVIDUAL'S SKIN RARELY BURNS. TANS EASILY AND SUBSTANTIALLY.

FOR PARTS AND SERVICE CALL:
 SpinerBräune, Inc.
 Ringgold GA
 1-800-628-6636

MEDICATION OR COSMETICS MAY INCREASE YOUR SENSITIVITY TO THE ULTRAVIOLET RADIATION. CONSULT PHYSICIAN BEFORE USING SUNLAMP IF YOU ARE USING MEDICATIONS OR HAVE A HISTORY OF SKIN PROBLEMS OR BELIEVE YOURSELF ESPECIALLY SENSITIVE TO SUN LIGHT. IF YOU DO NOT TAN IN THE SUN, YOU ARE UNLIKELY TO TAN FROM THE USE OF THIS PRODUCT.

DANGER: ULTRAVIOLET RADIATION, FOLLOW INSTRUCTIONS, AVOID OVER EXPOSURE, AS WITH NATURAL SUNLIGHT, OVEREXPOSURE CAN CAUSE EYE AND SKIN INJURY AND ALLERGIC REACTION. REPEATED EXPOSURE MAY CAUSE PREMATURE AGING OF THE SKIN AND SKIN CANCER.

WEAR PROTECTIVE EYEWEAR; FAILURE TO MAY RESULT IN SEVERE BURNS OR LONG-TERM INJURY TO THE EYES

CAUTION! EXPOSURE POSITIONS OTHER THAN SPECIFIED CAN BE HARMFUL AND ARE NOT RECOMMENDED

SKIN TYPE	RECOMMENDED EXPOSURE SCHEDULE:			
	WEEK 1 SESSIONS 1-3	WEEK 2 SESSIONS 4-6	WEEK 3 SESSIONS 7-10	WEEK 4 SESSIONS 11-15
I (FAIR)	2 MIN	4 MIN	6 MIN	10 MIN
II (MEDIUM)	2 MIN	4 MIN	6 MIN	10 MIN
III (DARK)	4 MIN	6 MIN	10 MIN	12 MIN
V (VERY DARK)	4 MIN	6 MIN	10 MIN	12 MIN

MAXIMUM USE TIME: 12 MINUTES
 IN MOST CASES, TANNING WILL APPEAR WITHIN SIX HOURS OF THE FIRST APPLICATION. PROVIDED YOUR SKIN IS CAPABLE OF DEVELOPING A TAN, A MOISTURIZER MAY BE USED AFTER EACH TANNING SESSION. THIS SYSTEM IS INTENDED TO BE USED ONLY WITH THE WOLFF SYSTEM BODYSUN X200 FT 17111610W BDPIN AND PHILIPS CLEAR RIMMER SKX 4000.

THIS PRODUCT IS IN CONFORMITY WITH PERFORMANCE STANDARDS FOR SUNLAMP PRODUCTS UNDER NO. 21, CFR SUBCHAPTER J.

>Operating Instructions

This unit complies with the accepted rules of technology and the pertaining ETL safety regulations.

This unit is screened in compliance with the EMT guidelines (electromagnetic tolerance).

SAFETY DIRECTIONS

Observe the safety directions in the assembly instructions.



General Dangers

- Never allow unsupervised children to use the unit.
- Use the unit only when it has no visible deficiencies.
- Use the unit only when all safety and protective devices such as facial glass is installed and in order.
- Materials which fade in sunlight (e.g. paintings) should not be exposed to the UV light of this unit.



Danger of Overheating

- This unit can overheat if adequate cool air is not supplied.

Never cover the ventilation slots or hot air outlet openings of the cooler fan. If the fan fails, switch off the unit immediately.

Danger of Burns

- Elements of the unit get hot! Never touch the facial glass or lamps during tanning.
- The unit must fully cool before cleaning or maintenance work is done.

CAUTION!

Do not operate this equipment without all Guards, End-caps, Filters, Front Panel, etc. installed on unit. Doing so can cause serious damage to your tanning bed!

THIS DEVICE IS INTENDED TO BE USED BY ONE PERSON AT A TIME. YOU MAY LIE DIRECTLY ON TANNING SURFACE.

THE MEDIUM EXPOSURE POSITION IS 0.5 W. (1.575W) FROM THE LAMP'S SURFACE (PRESET BY THE MANUFACTURER). READ THE INSTRUCTION BOOKLET BEFORE USING THIS DEVICE.

SKIN TYPE I - THIS IS THE INDIVIDUAL THAT USUALLY BURNS EASILY AND SEVERELY, TANS MINIMALLY OR LIGHTLY AND PEELS.
 SKIN TYPE II - OFTEN REFERRED TO AS "AVERAGE" COMPLEXION, BURNS MODERATELY AND TANS ABOUT AVERAGE.
 SKIN TYPE III - THIS INDIVIDUAL BURNS MINIMALLY, TANS EASILY AND ABOVE AVERAGE.
 SKIN TYPE IV - THIS INDIVIDUAL'S SKIN RARELY BURNS, TANS EASILY AND SUBSTANTIALLY.

FOR PARTS AND SERVICE CALL:
 Sonnenbänne, Inc.
 Rancho CA
 1-800-829-6533

APPLICATION OR COSMETICS MAY INCREASE YOUR SENSITIVITY TO THE ULTRAVIOLET RADIATION. CONSULT PHYSICIAN BEFORE USING SUNLAMP IF YOU ARE USING MEDICATIONS OR HAVE A HISTORY OF SKIN PROBLEMS OR BELIEVE YOURSELF ESPECIALLY SENSITIVE TO SKIN LIGHT. IF YOU DO NOT TAN IN THE SUN, YOU ARE UNLIKELY TO TAN FROM THE USE OF THIS PRODUCT.

BI-WEEKLY MAINTENANCE SESSIONS
12 MIN.
12 MIN.
15 MIN.
15 MIN.

WEEK 4 SESSIONS 11-15
10 MIN.
10 MIN.
15 MIN.
15 MIN.

WEEK 3 SESSIONS 7-10
8 MIN.
8 MIN.
10 MIN.
10 MIN.

WEEK 2 SESSIONS 4-6
6 MIN.
6 MIN.
8 MIN.
8 MIN.

WEEK 1 SESSIONS 1-3
3 MIN.
3 MIN.
3 MIN.
3 MIN.

RECOMMENDED EXPOSURE SCHEDULE:
 MAXIMUM USE TIME: 15 MINUTES

DANGER: ULTRAVIOLET RADIATION, FOLLOW INSTRUCTIONS, AVOID OVER EXPOSURE, AS WITH NATURAL SUNLIGHT, OVEREXPOSURE CAN CAUSE EYE AND SKIN INJURY AND ALLERGIC REACTION. REPEATED EXPOSURE MAY CAUSE PREMATURE AGING OF THE SKIN AND SOBBY CANCER.

WEAR PROTECTIVE EYEWEAR; FAILURE TO MAY RESULT IN SEVERE BURNS OR LONG-TERM INJURY TO THE EYES

CAUTION! EXPOSURE POSITIONS OTHER THAN SPECIFIED CAN BE HARMFUL AND ARE NOT RECOMMENDED

THIS PRODUCT IS IN CONFORMANCE WITH PERFORMANCE STANDARDS FOR SUNBATHING EQUIPMENT'S UNDER NO. 21 CFR 808.101-1.

ALMOST ALL CASES OF TANNING RELATED FEAR WITHIN SIX HOURS OF THE FIRST APPLICATION, PROVIDED YOUR SKIN IS CAPABLE OF BEING OPERATED. A MOISTURIZER MAY BE USED AFTER EACH TANNING SESSION. THIS SYSTEM IS INTENDED TO BE USED ONLY WITH THE MOLTIF SYSTEM BODYSCAN FOR 160W FT/41616W SPIN OR THE CAROLY AND WOLFF SYSTEM BODYSCAN X FT/41616W SPIN IN THE BENCH.

Health Dangers

- It is essential that you do not exceed the initial and maximum tanning times specified on page 16 & 17.

Attention: the tanning times are based on the skin type (see table of tanning times).

- If you have a skin disorder, consult your doctor prior to tanning.
- Do not use UV radiation units if you have an abnormal skin reaction caused by intensive sunlight.
- If irritations or blisters appear on the skin after tanning, consult your doctor.
- Persons with pacemakers should consult their doctor to determine whether exposure to radiation in UV radiation is harmless to them.
- Protect your eyes. Always use suitable eye protection during tanning. Close your eyes during tanning. Unprotected eyes can develop surface irritations. Excessive radiation can damage the retina or lead to loss of sight.
- Do not use sunscreen. Modern tanning units emit mainly UVA radiation. Sunscreens protect the skin against UVB radiation only. UVB radiation causes sunburn 100-1000 times more severe than UVA radiation.
- Remove cosmetics applied to the skin several hours before tanning.

UV Radiation and Drug Interactions

- Medicines which seriously increase UV sensitivity are antibiotics, psychopharmaceuticals, diuretics, etc. Persons taking these types of drugs have a lower threshold for tanning, phototoxic and photoallergene skin reactions. Consult your physician prior to using a tanning bed.

Examples of Medicines Which Can Cause Increased Sensitivity to UVRadiation

(phototoxic and photoallergene reactions):

> External Applications (brand names)

- Dermatics
- Antimykotics (Multifungin)
- Photochemotherapeutics (Meladinin)

> Internal Applications (brand names)

- Antidiabetics (Euglucon, Rastinon)
- Chemotherapeutics
- Antibiotics (Tarivid, Ciprobav, Nogram)
- Antimalaria agents / antirheumatics (Resochin)
- Antimalarial agents (Lariam)
- Neuroleptics / antihistamines (Atosil, Neurocil, Psyquil, melleril, Taxilan)
- Diuretics (Esidrix, DytideH, Moduretik)
- Antihistamines (Soventol)
- Antitussives (Benadryl)

Observe the safety directions in the assembly instructions.

General Dangers

Elements of the unit get hot! Never touch the filter plates, lamps or tubes during operation.

Please note the permissible room temperature! The maximum permissible room temperature of 28 C may not be exceeded. If the room temperature is higher, the unit will heat up excessively and there is a risk of burns for you. The unit must have fully cooled before cleaning or maintenance work is done.



>Operating Instructions



The tanning units are equipped with special UV radiation lamps which generate little UVB radiation for the development of pigments and a high proportion of mild UVA tanning radiation.

- The skin is tanned inside the shortest possible time by the optimum composition of the radiation and the danger of sunburn is avoided.
- Apart from the cosmetic effect of the tanned skin, healthy vitamin D3 is created by moderate tanning. This can have a healing effect on metabolic disorders, rachitis and colds. Furthermore, a favorable effect can be achieved against skin diseases such as acne or seborrhoea.
- The optimum properties of the tanning units can only be achieved when the user possesses the normal conditions for tanning.
- After tanning, it is advisable to use a skin lotion.
- The thickness of the skin is not equal on all parts of the body. This results in differing light sensitivity. In the region of thin parts of the skin (e.g. the female breast), the tanning time should be reduced or sensitive parts of the skin should be covered when a part of the tanning period has expired.
- The attainment of an optimum tan depends on the skin type. This requires a tanning series of five to 10 sessions. Approximately two sessions per week are sufficient to maintain the achieved tan.
- If the skin reacts sensitively (skin tension), you should reduce the tanning period or temporarily interrupt a tanning session.
- In cases of insomnia, the sessions should be taken in the mornings.
- Overly excessive UV sessions in sunlight or with UV units can cause damage to the skin or eyes.
- The skin can become sunburnt after excessive exposure to radiation. Excessive UV sessions in sunlight or with UV units can lead to premature aging of the skin and to an increased risk of skin tumors.

Skin Types

The human skin reacts differently to exposure to UV light depending on the skin type. The recommended tanning times specified in the table are not generally applicable, but depend on the skin type. To find the correct tanning time for you (see table of tanning times), choose the appropriate skin type for yourself.

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.

Skin type V: This individual's skin rarely burns, tans easily and substantially.

SKIN TYPE	RECOMMENDED EXPOSURE SCHEDULE:				BI-WEEKLY MAINTENANCE SESSIONS
	WEEK 1 SESSIONS 1-3	WEEK 2 SESSIONS 4-6	WEEK 3 SESSIONS 7-10	WEEK 4 SESSIONS 11-15	
II FAIR	2 MIN.	4 MIN.	6 MIN.	8 MIN.	10 MIN.
III MEDIUM	2 MIN.	4 MIN.	6 MIN.	8 MIN.	10 MIN.
IV DARK	4 MIN.	6 MIN.	10 MIN.	12 MIN.	12 MIN.
V VERY DARK	4 MIN.	6 MIN.	10 MIN.	12 MIN.	12 MIN.

MAXIMUM USE TIME: 12 MINUTES

1044

SKIN TYPE	RECOMMENDED EXPOSURE SCHEDULE:				BI-WEEKLY MAINTENANCE SESSIONS
	WEEK 1 SESSIONS 1-3	WEEK 2 SESSIONS 4-6	WEEK 3 SESSIONS 7-10	WEEK 4 SESSIONS 11-15	
II FAIR	3 MIN.	6 MIN.	8 MIN.	10 MIN.	12 MIN.
III MEDIUM	3 MIN.	6 MIN.	8 MIN.	10 MIN.	12 MIN.
IV DARK	3 MIN.	8 MIN.	10 MIN.	15 MIN.	15 MIN.
V VERY DARK	3 MIN.	8 MIN.	10 MIN.	15 MIN.	15 MIN.

MAXIMUM USE TIME: 15 MINUTES

840

This exposure schedule provides information on tanning times, depending on the skin type and specific unit.

- Do not exceed the specified tanning times.
- In the first 50 to 80 hours of operation, the unit generates approximately 20% higher power. Reduce the session times specified in the table by approximately 20%.
- The interval between two sessions should be at least 24 hours,
- Avoid additional sunbathing on the days of the sessions.

Facial Tanner

The Facial Tanner is equipped with a higher radiating power than the other lamps. This attains a more intensive tanning of the facial skin.



Danger of injury by intensive radiation and high brightness. Never look into the lamps during operation. Use the UV blocking eyewear provided.

Danger of skin injury by excessively long tanning. The maximum tanning time is specified in the table of tanning times.

The filter glass of the tanning bed becomes hot. Avoid all contact during tanning. Never tan without facial glass. If the tanning unit has visible deficiencies (e.g. filter or timer defective), the unit must not be put into operation.

The tanning times specified in the tables are recommended tanning times and apply only to the lamp types listed in the tables.

Danger of Burns. Observe the lamps with which your unit is equipped. If tanning lamps of other manufacturers or tanning lamps with higher ratings are used, skin injuries can be caused. The specified tanning times in the tables are then no longer valid.

Danger of skin injuries by excessively frequent sessions.

IN MOST CASES, TANNING WILL APPEAR WITHIN SIX HOURS OF THE FIRST APPLICATION, PROVIDED YOUR SKIN IS CAPABLE OF DEVELOPING A TAN. A MOISTURIZER MAY BE USED AFTER EACH TANNING SESSION. THE PRYZMA SYSTEM IS INTENDED TO BE USED ONLY WITH THE WOLFF SYSTEM BODYSCAN XXR® F71 BIPIN 160W AND PHILIPS CLEO HPA/30 SIV 400W. THE SOLA SYSTEM IS INTENDED TO BE USED ONLY WITH THE WOLFF SYSTEM BODYSCAN X® F71 BIPIN 100W AND BODYSCAN XXR® F71 BIPIN 160W.

See safety warning labels on page 2 & 3 of this manual.

Material damage!

Never clean the unit with scouring cream or aggressive cleaning agents. Do not use disinfectants such as Sagrotan or similar. Clean the unit with a damp cloth and a common mild household detergent only.

**Danger of burns!**

Elements of the unit become hot. Allow the unit to cool down completely before cleaning it.

Danger of electrocution!

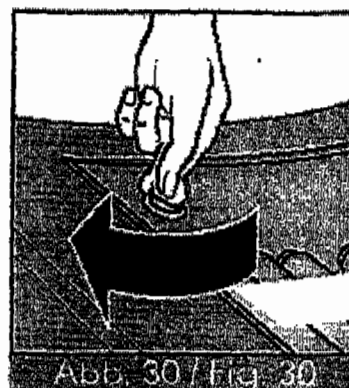
Always disconnect the mains plug before cleaning. Ensure that no water gets into the unit while it is being cleaned.



Cleaning the acrylic panel (bed)

Clean the panels with a damp cloth. Only use common mild household detergent.

- Open the canopy.
- Open the panel clips of the bed by twisting them through 90° using a coin. (see Fig. 30)



- Lift the acrylic panel a little upwards. Then pull the acrylic panel using the holding rail out of the rear panel. (see Fig. 31)

- Clean the acrylic panel on both sides and replace it in the reverse order.

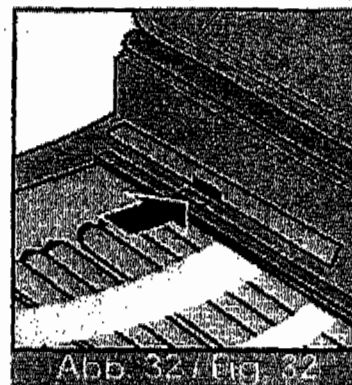


Note!

The guide clips of the panel holding rail must be replaced into the respective notches. (see Fig. 32)

Note!

It is easiest to clean the panels when they are standing on their ends.



Cleaning the acrylic panels (canopy)

Clean the acrylic panel with a damp cloth. Only use common mild household detergent.

- Open the canopy.
- Press gently on the acrylic panel with one hand and open the panel clips by twisting them through 90° using a coin.
- Lower the acrylic panel a little. Then pull the acrylic panel using the holding rail out of the rear panel.
- Clean the acrylic panel on both sides and replace it in the reverse order.

- **The guide clips of the panel holding rail must be replaced into the respective notches.**
- **It is easiest to clean the panels when they are standing on their ends.**

Cleaning the reflectors and radiation lamps

- Remove the panels as described.
- Clean the reflectors and the radiation lamps with an antistatic cloth.
- Keep the ventilation slots clean with a dust brush.
- Replace the filter mats if they are dirty and clogged (see chapter "Maintenance and care").

Returning to operation

Only use the unit when all safety and protective equipment such as the safety panels have been re-assembled.

Danger of electrocution!

Always disconnect the mains plug before maintenance work.

Danger of burns!

Elements of the unit become hot. Allow the unit to cool down completely before starting your maintenance work.

Material damage!

If parts made by other manufacturers are used, this can influence the performance and functions of the unit

- Never use normal fluorescent tubes for the unit.
- Only use original spare parts.

Information on the radiation lamps!

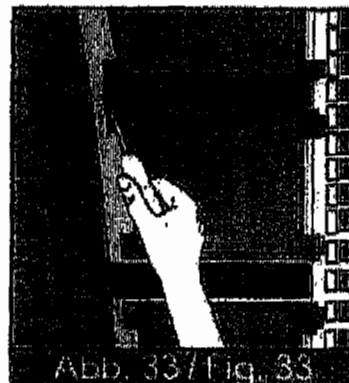
- The radiation lamps can show different colours.
- Dark patches can appear at the ends of the tubes after a longer period of use. The effectiveness and life of the tubes are not affected.
- If the intensity of the radiation lamps decreases, you may compensate for this by an approx. 20% longer tanning time.

Replacing the high-pressure lamps

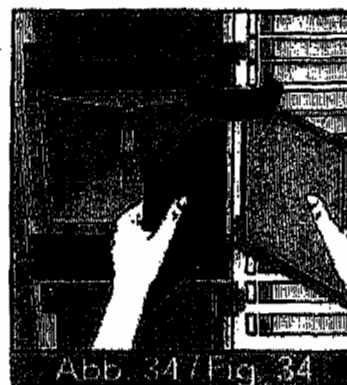
Danger of burns!

The high-pressure lamps become very hot. Allow the lamps to cool down completely before replacing them.

- Open the canopy.
- Remove the acrylic panel on the canopy as described in the chapter "Cleaning".



- Unscrew the two screws on the filter plate frame. (see Fig. 33)
- Open the filter plates. (see Fig. 34)
- Press the high-pressure lamp against the socket in longitudinal direction and take it out. (see Fig. 35)



Note!

Pay attention not to touch the new high-pressure lamps with your fingers when replacing them. To protect the high-pressure lamp only touch it with a dry cloth.

- Clean dirty high-pressure lamps with spirit.
- Replace defective high-pressure lamps and insert them in the socket.



Changing the lamps

- Remove the acrylic panel as described in the chapter "Cleaning" on the part of the unit where you want to replace the lamps (bed / canopy).
- Turn the lamps 90° in any direction and pull them out of the sockets. (see Fig. 36)

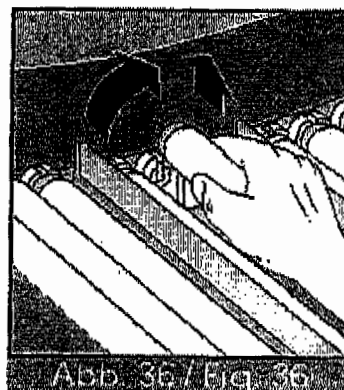


Abb. 36 / Fig. 36

- Insert the new lamps with the reflector side (coating) facing towards the side of the unit into the sockets. They are correctly installed when the marking on the lamp is aligned with the socket. (see Fig. 37)
- Turn the lamps 90° in the sockets.



Abb. 37 / Fig. 37

Replacing the starters

- Remove the acrylic panel as described in the chapter "Cleaning" on the part of the unit where you want to replace the starters (bed / canopy).
- Remove the lamp for which you wish to replace the starter.
- Turn the starter a little to the left and then remove it from the socket. (see Fig. 38)
- Insert a new starter in the socket and turn it a little to the right.

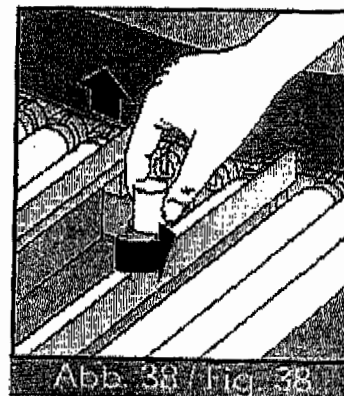


Abb. 38 / Fig. 38

Filter mats

Clean or replace the filter mats at regular intervals, at the latest, however, when they are dirty. Soft carpets or rooms without ventilation cause faster soiling of the filters. (see Fig. 39)

Replacing the filter mats (canopy)

- Remove the profile strip from its clipped lock.
(see Fig. 39)



Abb. 39 / Fig. 39

- Unscrew the marked 3 screws in the following order:
 1. outer left screw
 2. outer right screw
 3. center screw
 (see Fig. 40)
- Swing the filter flap open downwards and replace the filter mat. (see Fig. 41)
- Close the filter flap and attach the profile strip



Abb. 40 / Fig. 40

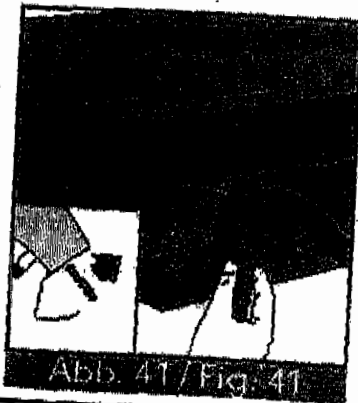


Abb. 41 / Fig. 41

Replacing the indirect lighting

- Note!**
To replace the lamp of the indirect lighting, you have to remove the 3rd radiation lamp first.
- The lamp for the indirect lighting can now be seen and can be replaced with an identical one. (see Fig. 42)
 - Installation is done in the reverse order.

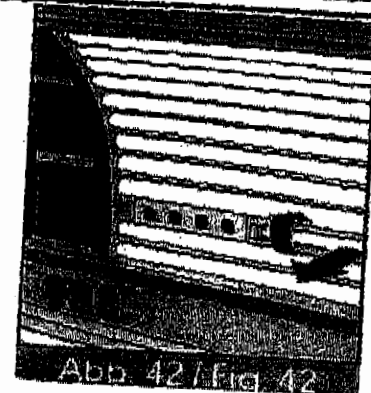


Abb. 42 / Fig. 42

>TROUBLESHOOTING

If your unit does not operate satisfactory, several helpful tips are listed below.

What to do when the unit will not start.

Your SonnenBräune tanning bed has been equipped with certain safety devices that will not allow the unit to operate under certain conditions that may damage your investment. Here is a list of troubleshooting tests in the event your tanning bed will not start.



All electrical testing and installation of parts must be performed by a certified electrical technician. Your electrician should contact SonnenBräune's Service Department prior to making any adjustments.

All repairs must be performed by a SonnenBräune approved electrical technician. All warranty conditions could be voided if this procedure is not followed.

- Check all safety switches and also check the circuit breaker in your breaker panel to make sure it is on.
- Check the On/Off switch on the unit. Make sure it is on.

What to do when the tanning bed will not start when the cooling fans are running.

Your SonnenBraune bed is equipped with a safety device that will not allow the unit to run in the event that the air filtering system becomes clogged with lint or other materials. Prior to notifying your electrician, remove all filters, clean and reinstall. The unit should start at this point. In the event that it does not, call your SonnenBräune service department for further instructions.

What to check when one or several lamps do not burn.

- Turn the power off.
- Remove the acrylic to inspect lamps and connections.
- Check to see if the lamp is properly fitted.
- If it still will not work, replace the defective lamp with a new lamp. If the new lamp lights, it can be assumed that the old lamp is bad if it don't light try replacing the starter.
- If the lamp still doesn't work, contact your SonnenBräune service representative.

What to do when you are not satisfied with your tan.

- Review the exposure schedule on page 19.
- Check the exposure positioning. The distance between the tanning surface and body should be two to four inches. In no event should the exposure position be less than two inches between the body and the tanning surface. However, you may lie directly on the tanning surface of the bench.
- Check your power supply to be sure you have proper voltage!
- Review section on "Cleaning and Maintenance" starting on page 21. The tanning performance of your tanning bed will be greatly reduced when these procedures are not followed.
- Check the hours on your lamps. They may need replacing.

> ENVIRONMENTAL CONSERVATION AND SPARE PARTS

Disposal

The separate, environmentally compatible disposal of materials or material residues promotes the reuse of valuable materials.

The reflector lamps should not be put in household waste, but should be disposed of separately (special waste). The lamps must not be destroyed before disposal.

The disposal of wastes from private households and the commercial sector is possible through the public special waste collection points.

Information on disposal can be obtained from your waste department.

Spare Parts

Use only manufacturer approved spare parts as shown on parts list.

If spare parts from other manufacturers are used, this can affect the performance of the unit, and your warranty.

Please Read:

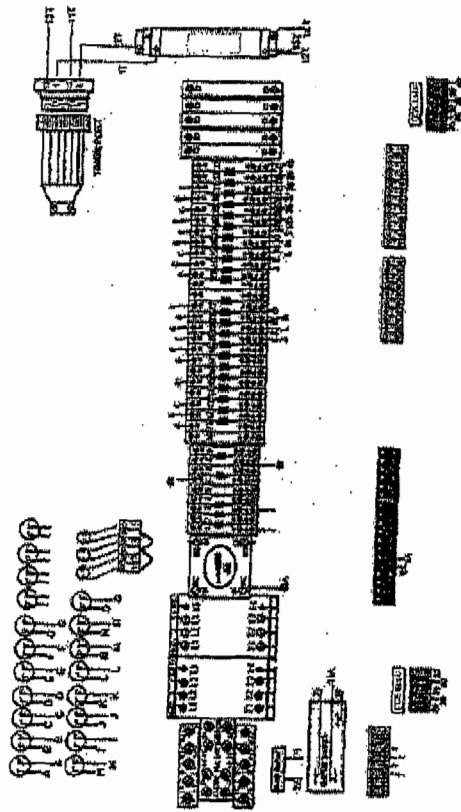
> REPAIRS AND WIRING DIAGRAMS

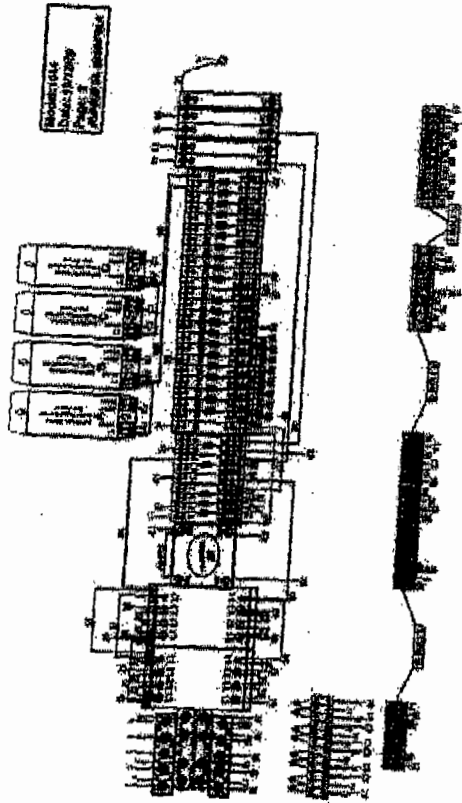
Diagram

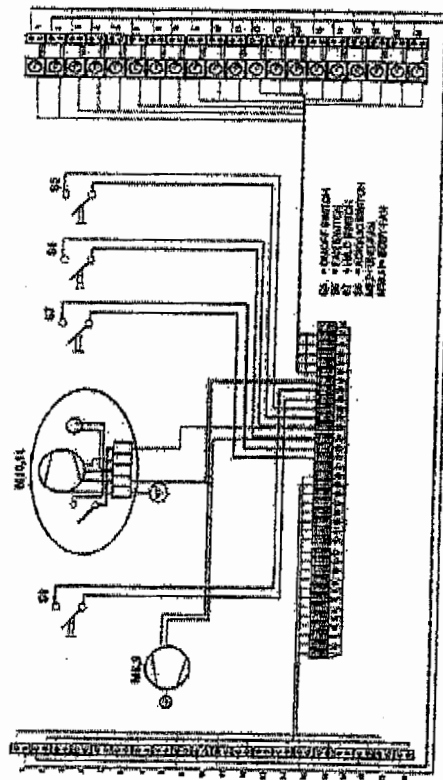
The following are wiring diagrams that pertain to the 1044 Pryzma Series tanning beds or the 840 Sola FX produced by SonnenBräune. This is meant to be a resource when needed for technical repair. Diagrams are subject to change without notice, nor is notification to previous owners the responsibility of SonnenBräune, Inc.



DO NOT ATTEMPT TO REPAIR your SonnenBräune bed without first notifying your distributor or the SonnenBräune Service Center so an evaluation of electrical service may be determined. Provide this diagram to the certified technician if necessary.







27	96	Hagen	C	canopy
V758				
RU 1044				

- E = ignition
- F = thermostat
- M4-7 = unitfan
- SF = lamps-/startersocket
- S9 = interlock
- V = faceburner

