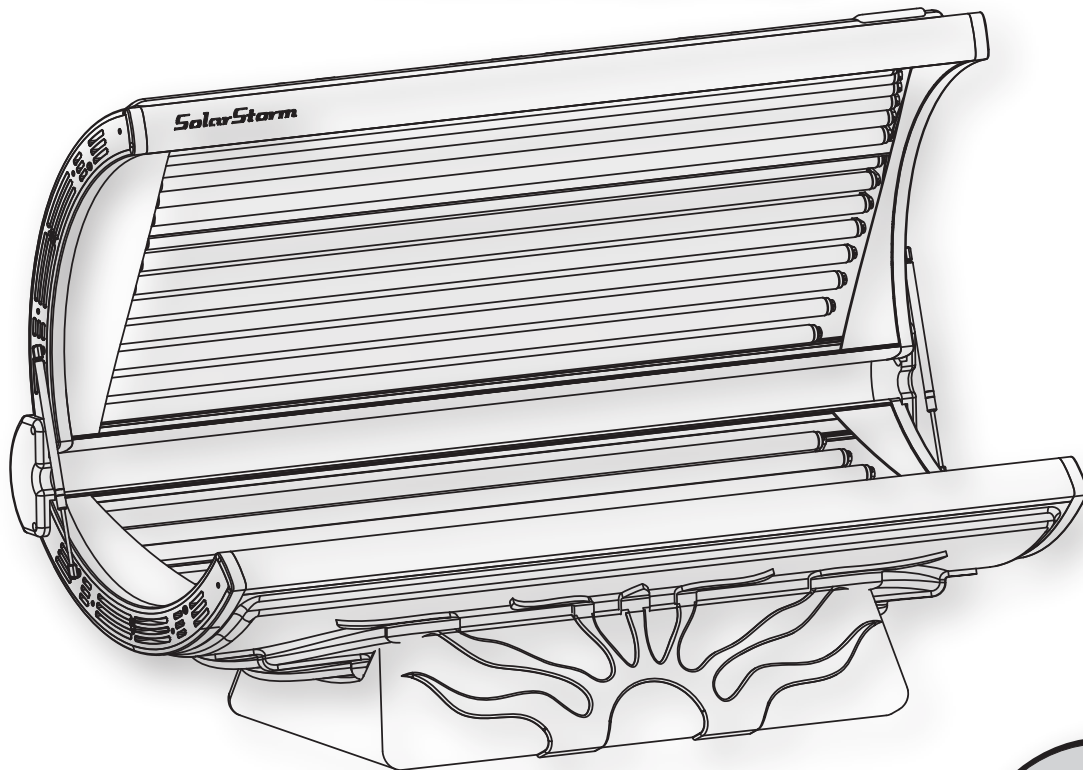


SolarStorm

16R / 24S / 24SR

24R / 32S / 32R

TANNING BED INSTRUCTION MANUAL



Danger Ultraviolet radiation. Follow instructions. Avoid Overexposure. As with natural sunlight, overexposure can cause eye and skin injury and allergic reactions. Repeated exposure may cause premature aging of the skin and skin cancer. WEAR PROTECTIVE EYEWEAR; FAILURE TO MAY RESULT IN SEVERE BURNS OR LONG TERM INJURY TO THE EYES. Medications or cosmetics may increase your sensitivity to the ultraviolet radiation. Consult physician before using sunlamp if you are using medications or have a history of skin problems or believe yourself especially sensitive to sunlight. If you do not tan in the sun, you are unlikely to tan from the use of this product. Children, the elderly, or fair skinned people who always burn easily and either never tan or tan minimally should not use this equipment.

To use, lie down under canopy and pull down as far as adjustment will allow. Do not use without clear plastic panel and wire grill in place. Untanned persons should not tan on consecutive days during their first week of tanning. Never tan more than once a day. Tanning normally appears after the first few sessions and maximizes after approximately four weeks. Tan once or twice per week thereafter to maintain appearance. Persons already having a base tan may begin at advanced levels corresponding to the extent of their base tan.

Skin Type:

- I Sensitive Skin (Burns easily and severely and does not tan.)
- II Light Skin (Burns easily and severely and tans minimally.)
- III Normal Skin (Burns moderately and tans average.)
- IV Dark Skin (Burns minimally, tans easily and above average.)

RECOMMENDED TANNING SCHEDULE	SKIN TYPE	MAXIMUM EXPOSURE TIME IN MINUTES - 15 MINUTE MODELS			
		Week 1	Week 2	Week 3	Week 4
		I	Sensitive Skin: Burns easily & severely Does not tan	Tanning Not Advised	
II	Light Skin: Burns easily & severely Tans minimally	4	6	8	10
III	Normal Skin: Burns moderately Tans moderately	6	8	10	13
IV	Dark Skin: Burns minimally Tans well/above average	8	10	12	15

RECOMMENDED TANNING SCHEDULE	SKIN TYPE	MAXIMUM EXPOSURE TIME IN MINUTES - 20 MINUTE MODELS			
		Week 1	Week 2	Week 3	Week 4
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New lamps emit approximately 10% more ultraviolet radiation during the first 50 hours of operation. Recommended tanning times should therefore be reduced by approximately 10% during that period.

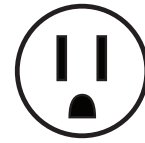
WARNING: Read these instructions before using this sunlamp product. All persons in the room should wear protective eyewear when lamps are on. Recommended eyewear: Provided eyeshields or equivalent eyewear as defined under 21 CFR 1040.20. Other types of eyewear may not provide adequate protection. Failure to use protective eyewear may result in severe burns or other eye injury. If discomfort develops, discontinue use and consult a physician.

The following lamps have been certified for use in the Solar Storm 16R, 24S, 24SR, 24R, 32S or 32R models:

2645 Inferno Wolff lamps (15 minute)
2393 CC 5.0 Wolff lamps (20 minute)

1704 FT LSI lamps (20 minute)
1705 BT LSI lamps (20 minute)

120V/240V Outlets



Standard 120V



NEMA 6-20
(220V)

Electrical Requirements

Your sunbed operates from a **120V or 220V AC** source. For 120V models, you should have a **standard** electrical outlet on a dedicated 20 Amp Circuit Breaker. For 220V models, you should have a **NEMA 6-20R** Electrical outlet on a dedicated **20 Amp** Circuit Breaker installed in the room in which you will use the unit. For SS32R models, **30 Amp** service will need to be hard-wired to the bed. We recommend installation by a professional electrician. The outlet must be earth grounded.

⚠ DANGER



Shock hazard.
Disconnect power before servicing or removing any protective covers.
Do not operate this device near water or while you are wet.

⚠ DANGER

Some medications may increase your sensitivity to ultraviolet light. It is recommended that you consult a physician before using this sunbed if taking any medication or if you suspect that your skin might be especially sensitive to sunlight.

⚠ WARNING

Wear protective eyewear. Failure to may result in severe burns or long term injury to the eyes.

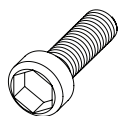
⚠ CAUTION

Air from the room is used to cool the sunbed. Maximum ambient room temperature should be 80°F. Place your sunbed no closer than 6" from any wall. Make sure nothing obstructs the airflow into the sunbed's endcaps or out of the fan openings. A poorly ventilated room may cause the unit to become hot and cause discomfort to the user.

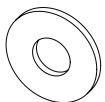
Unpacking and Inspection

Your sunbed comes in two cardboard cartons. Pull back the plastic sheet and, with a helper, grasp the bench and pull it from the carton bottom, leaving the plastic wrap and the carton packaging. Do not try to lift the unit with the plastic still on as it may slip. Do the same with the canopy. The canopy box contains the canopy and a pair of gas springs. The bench box contains the bench, assembly hardware and stand legs. Inspect the items and make sure they are free from any visible damage. Report the extent of any damage to the transportation company.

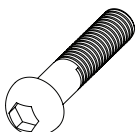
Hardware Inventory



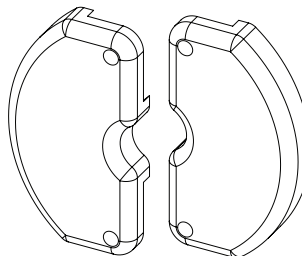
Allen-head Bolt 5/16 X 1"
Quantity 6



5/16" Metal Washer
Quantity 10



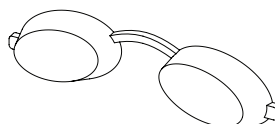
Allen-head Bolt 5/16 X 1.5"
Quantity 4



Hinge Brackets
(1) Left, (1) Right



Hex (Allen) Wrench
Quantity 1



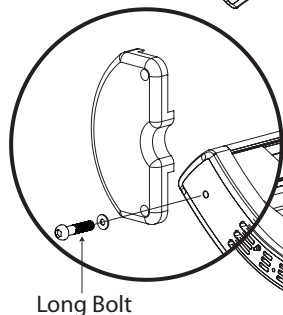
Safety Goggles
Quantity 1

Assembly Procedures

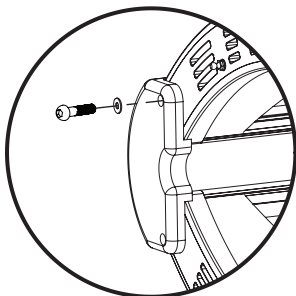
1 Lay the bench upside down on the floor. Locate the two stand legs.

2 Using six 5/16" X 1" bolts and six 5/16" washers, fasten the legs to the bench as shown, with the two small skirt mounting holes toward the back, by installing the center bolt first. You may have to gently push the sides of the legs in to align holes. Tighten with the allen wrench.

3 Turn bench over. Install hinge brackets to ends of bench. Secure using 5/16" X 1.5" Allen-head bolts and 5/16" metal washers. Tighten bolt snug, then an additional half turn.



4 Lift the canopy and hold it between the hinge brackets.



5 Insert 5/16" X 1.5" bolts with 5/16" washers into both hinge brackets. Tighten bolts into the endcap threaded inserts until snug, then an additional half turn. Do not overtighten to avoid damaging threaded inserts.

6 The gas springs have a locking mechanism. Pry back the locking clip with a flat screwdriver.

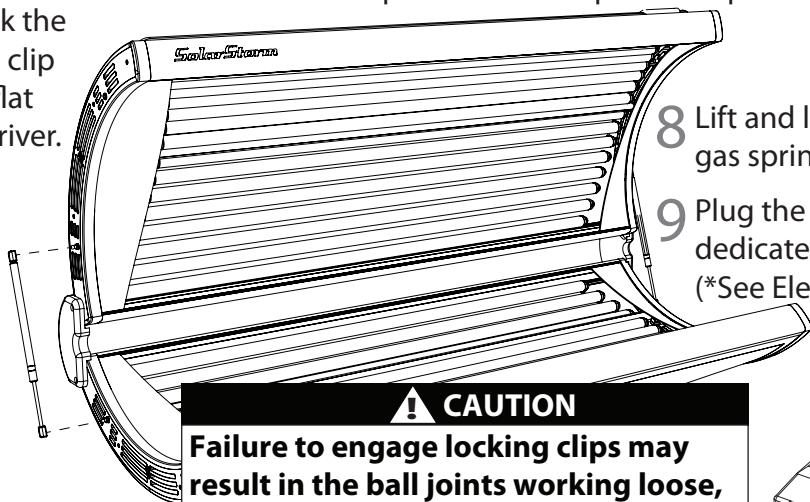


7 With a helper holding the canopy open, align ends of gas spring ball joints with pivot studs and push into place. Be sure rod end is down as shown.

DO NOT lower canopy until both gas springs are engaged!

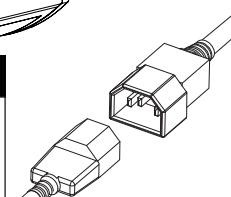
8 Lift and lower the canopy a few times to lubricate gas springs for optimum performance.

9 Plug the three-prong power cord into the proper dedicated outlet. 32R models are to be hard-wired. (*See Electrical Requirements.)



CAUTION
Failure to engage locking clips may result in the ball joints working loose, allowing the canopy to fall, which may result in damage to the unit and injury.

CAUTION
Voltage for 120V beds must be between 105-125 VAC.
Voltage for 220V beds must be between 215-230 VAC or will void warranty.



Using Your Sunbed

Before using your sunbed, please note the following:

- Your skin should be free of cosmetics, tanning oils, or other body lotions prior to tanning except for those specifically made for use with tanning devices. However, do not remove natural body oils by bathing or showering immediately before tanning.
- Keep treated hair from contacting sunbed surfaces. Many hair products can damage the sunbed acrylic. Wear a shower cap or towel if you use gels, mousses, sprays or other hair products.
- Your sunbed is designed for individual use. Always wear the safety goggles supplied with your sunbed or another approved pair of goggles, as defined under 21 CFR 1040.20. Regular sunglasses do not provide adequate protection from ultraviolet light.

Exposure Times

Follow the guidelines for skin type and exposure times according to your model as shown in the tables below. Untanned persons should not tan on consecutive days during their first week of tanning. Never tan more than once a day. Tanning normally appears after the first few sessions and maximizes after approximately four weeks. Tan once or twice per week thereafter to maintain appearance. Persons already having a base tan may begin at advanced levels corresponding to the extent of their base tan.

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Timer Overview

The LT1 Timer is ideal for controlling residential tanning beds.

Specifications

Depth	Width	Height	Current Draw	Relay Spec.	Configuration
1.408"	4.10"	2.1"	40mA	120VAC@5A	SPST Form A

Wiring

Connect the LT1 to the tanning bed using the white header connector on the back of the circuit board. See the diagram.

Session Control

To start a session, press the Set button on the LT1. The time will go to the maximum time then count down. The lamps will turn on automatically. You can decrease the time by pressing the Set button. To cancel a session, press the Start/Stop button on the LT1. The display will go to a 0.

Removal of Acrylic

Remove black acrylic locking strips first. To remove the acrylic locking strip, insert a flat head screwdriver into the front edge of the locking strip and pry up. After Acrylic locking strip is removed, go to the head of the bed. Place the flat head screwdriver between the acrylic and aluminum extrusion. You will then lift the acrylic up enough to get your hand under it. Please use a glove due to the acrylic is very sharp and will cut an unprotected hand. With your hand placed between the acrylic and extrusion, lift up on the acrylic until it pops out of the extrusion. Lift the acrylic out of the bed.

Replacing Acrylic

Insert Acrylic into aluminum extrusion lip in back of bed. Apply pressure to back aluminum extrusion while pushing acrylic down into the bed until it pops into the front aluminum extrusion. Replace black acrylic locking strips.

Care and Maintenance

Cleaning After Use

Clean and disinfect your tanning bed's bench and canopy after each use. Use a non-abrasive disinfectant cleaner that **does not contain ammonia or ammonia derivatives**. Ammonia may damage the acrylic shield. Spray the acrylic lightly with disinfectant and wipe dry with a clean soft cloth. Wipe the canopy grill with a soft cloth slightly dampened with disinfectant, then wipe dry.

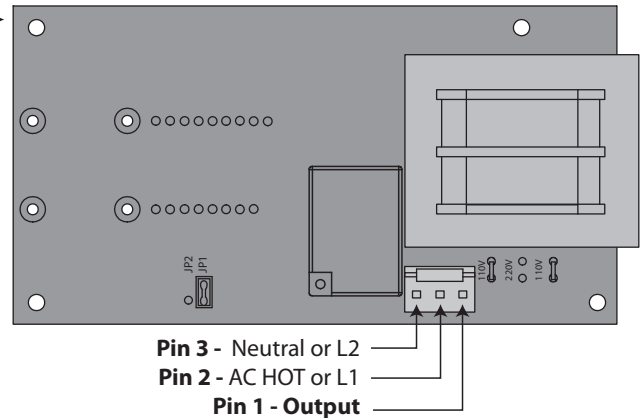
Thorough Periodic Cleaning

The cooling fans draw air through the bed and will cause a dust buildup on the lamps and reflectors. When a dust buildup is observed, it is necessary to thoroughly clean the inside of the bench and canopy.

- 1) Remove the acrylic shield, metal grill and lamps.
- 2) With a soft cloth, wipe the entire length of each lamp.
- 3) Clean both sides of the acrylic shield and grill with a non-ammonia disinfectant cleaner.
- 4) Wipe the reflectors with a clean damp cloth.
- 5) Re-install the lamps, acrylic shield and grill.

Mechanical Inspection

- Inspect the unit's fasteners verifying that all are firmly in place. Pay particular attention to the hinge bolts.
- Inspect gas springs for signs of wear. Replace gas springs that will not hold the canopy in the fully open position when raised.
- Inspect the AC power cord and its connections.
- Inspect the acrylic. Replace if broken, cracked or badly scratched.



Solar Storm Lamp Configuration

Use this table to determine the correct lamp type, quantity and placement for your Solar Storm model:

	<u>Canopy</u>		<u>Bench</u>		<u>Max. Exposure</u>
	<u>Quantity</u>	<u>Lamp</u>	<u>Quantity</u>	<u>Lamp</u>	<u>Time (Minutes)</u>
SS16R Dual	4	1704	8	2393 CC	20
	4	1705			
SS16R PW	4	1704PW	8	2393 CC	20
	4	2393 CC			
SS16R Bronze	8	2645 Inferno	8	2645 Inferno	15
SS16R	8	2393 CC	8	2393 CC	20
SS24S Dual	6	1704	12	2393 CC	20
	6	1705			
SS24S PW	6	1704PW	12	2393 CC	20
	6	2393 CC			
SS24S Bronze	12	2645 Inferno	12	2645 Inferno	15
SS24S	12	2393 CC	12	2393 CC	20
SS24SR	12	2645 Inferno	12	2645 Inferno	15
	6	2281 Renew T5			
SS24R Dual	6	1704	12	2393 CC	20
	6	1705			
SS24R PW	6	1704PW	12	2393 CC	20
	6	2393 CC			
SS24R Bronze	12	2645 Inferno	12	2645 Inferno	15
SS24R	12	2393 CC	12	2393 CC	20
SS32S Dual	8	1704	16	2393 CC	20
	8	1705			
SS32S PW	8	1704PW	16	2393 CC	20
	8	2393 CC			
SS32S Bronze	16	2645 Inferno	16	2645 Inferno	15
SS32S	16	2393 CC	16	2393 CC	20
SS32R	16	2393 CC	16	2393 CC	20
32R Bronze	16	2645 Inferno	16	2645 Inferno	15
SS32R PW	8	1704PW	16	2393 CC	20
	8	2393 CC			
SS32R Dual	8	1704	16	2393 CC	20
	8	1705			

Solar Storm
16R / 24S / 24SR / 24R / 32S / 32R

Manufactured by

LPI, INC.

1044 Fordtown Road - Kingsport, TN 37663
423-349-2900

Form# F-922-001