

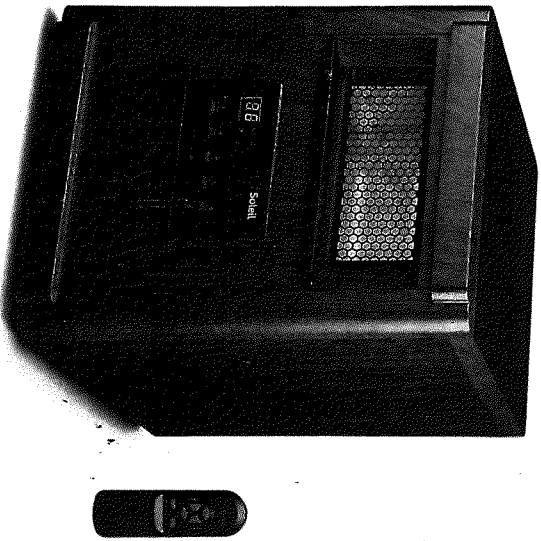


Soleil™

INSTRUCTION MANUAL AND OWNERS GUIDE

Quartz Infrared Heater with Remote Control

Model PH-91E-WD



INFORMATION HOT LINE: If, after reading this owner's guide, you have any question or comments, please feel free to write us or call us at (877) 469-9553 or e-mail us at service@iqi.cn. Our customer service representative will be happy to help you.

PLEASE READ AND SAVE THESE INSTRUCTIONS

IMPORTANT INSTRUCTIONS:

PLEASE READ AND SAVE THESE IMPORTANT SAFEGUARDS

Thank you for choosing an Optimus heater. To ensure the best performance from your heater, please read and save the following instructions.

When using this electric unit, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

- Read ALL instructions before using this unit.
- **CAUTION:** Risk of Electric Shock: DO NOT open or try to repair the heater yourself.
- This heater may get hot when in use. To avoid burns, DO NOT let bare skin touch hot surfaces. If provided, use handles when moving this heater.
- Keep combustible materials, such as furniture, pillows, bedding, paper clothes, and curtains at least 3 ft from the front of the heater and keep them away from the sides, top, and rear. DO NOT place towels or other objects on the heater.
- Extreme caution is necessary when any heater is used by or near children or the disabled, or when the heater is left operating and unattended.
- DO NOT operate any heater with a damaged cord or after the heater malfunctions, has been dropped or damaged in any manner. Return heater to authorized service facility for examination, electrical or mechanical adjustment, or repair.
- This heater is not intended for use in bathrooms, laundry areas and similar indoor locations. NEVER locate heater where it may fall into a bathtub or other water container. To protect against electrical hazards, DO NOT immerse in water or other liquids.
- DO NOT touch the control panel or plug with a wet hand.
- DO NOT run cord under carpeting. DO NOT cover cord with throw rugs, runners, or similar coverings. Arrange cord away from traffic area and where it will not be tripped over.
- DO NOT insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the heater.
- To prevent a possible fire, DO NOT block the air intakes or exhaust in any manner. DO NOT use on soft surfaces, like a bed, where openings may become blocked.
- A heater has hot and arcing or sparking parts inside. DO NOT use in areas where gasoline, paint, explosive and/or flammable liquids are used or stored. Keep unit away from heated surfaces and open flames.
- Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
- To avoid fire or shock hazard, plug the unit directly into a 120 V AC electrical outlet.
- To disconnect heater, turn controls to OFF, then remove plug from outlet. Pull firmly on the plug. DO NOT unplug by pulling on the cord.
- Always unplug the unit before moving or cleaning, or whenever the heater is not in use.
- Use only for intended household use as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons. The use of attachments not recommended or sold by unauthorized dealers may cause hazards.
- Always use on a dry, level surface. Use on floor only.
- DO NOT use outdoors.
- **WARNING:** To reduce the risk of fire or electric shock, DO NOT use this unit with any solid-state speed control device.
- DO NOT attempt to repair or adjust any electrical or mechanical functions on this unit. Doing so will void your warranty. The inside of the unit contains no user serviceable parts. Qualified personnel should perform all servicing only.
- Connect to properly grounded outlets only.

SAVE THESE INSTRUCTIONS

This heater is for use on 120 volts. The cord has a plug as shown in Figure A. See Figure 1 for grounding instruction. An adapter as shown at C is available for connecting three-blade grounding type plugs to two-slot receptacles. The green grounding plug extending from the adapter must be connected to a permanent ground such as a properly grounded outlet box. The adapter should not be used if a three-slot grounded receptacle is available. Always plug heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).

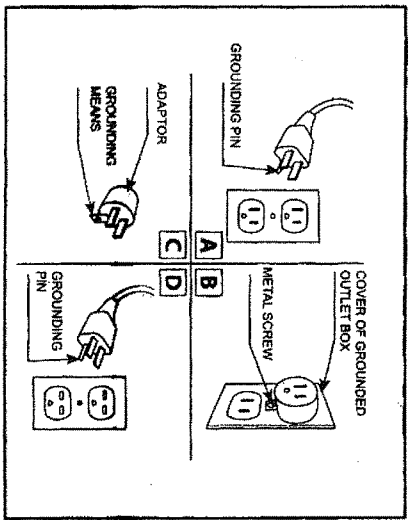


Fig. 1

WARNING

To avoid injury from unexpected starting or electrical shock, do not plug the power cord into a source of power during unpacking and assembly. The cord must remain unplugged whenever you are adjusting/assembling the heater. If any part is missing or damaged, do not attempt to use or plug in the power cord until the missing or damaged part is correctly replaced. To avoid electric shock, use only identical replacement parts when servicing double-insulated tools.

CLEANING/ MAINTENANCE INSTRUCTIONS:

- During Season Care:**
- Before cleaning, be sure to turn off and UNPLUG the heater.
 - Clean the Heater with a vacuum brush attachment on your vacuum cleaner. This will remove lint and dirt from the inside of the heater.
 - Do not immerse the Heater in water.
 - Never use gasoline, benzene or thinner. This will damage the surface of the heater.
 - After cleaning, be sure to completely dry the unit with a cloth or towel.

After Season Care:

- Store heater in a cool and dry location with power cord properly secured.
- Please store the unit in its original carton or suitable container.

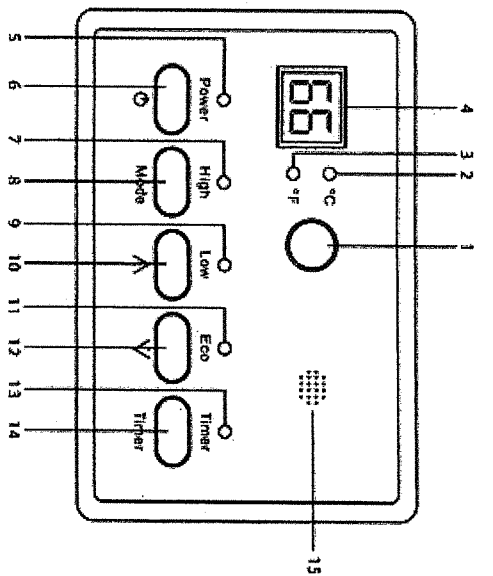
OPERATING INSTRUCTIONS:

- PRE-OPERATING INSTRUCTIONS:**
- Carefully remove your heater from the box (please save the carton for off-season storage).
 - Make sure the unit is in the OFF position before plugging the heater into the outlet.
 - Put the heater on a flat and stable surface.

OPERATING INSTRUCTIONS:

- Plug the cord into a 120V/60Hz electric outlet. Only operate heater in upright position with caster wheels attached.
- Turn the MAIN POWER switch at the BACK of the heater.

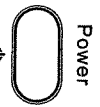

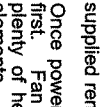



CONTROL PANEL



1. C/ °F Button: Alternates between Fahrenheit and Celsius.
2. Celsius indicator light: Will be lit when temperature displayed is in Celsius.
3. Fahrenheit indicator light: Will be lit when temperature displayed is in Fahrenheit.
4. Digital display: Indicates set room temperature or time.
5. Power indicator light: Indicates that the heater is receiving power from outlet. Will flash when powered "ON".
6. ON/OFF Button: turns heater on or off.
7. High Mode indicator light: Will be lit when High Heat mode is engaged.
8. Mode button: To select between High, Low and Eco modes.
9. Low Mode indicator light: Will be lit when Low Heat mode is engaged.
10. Temp up button: To increase desired temperature.
11. Energy-saving mode indicator: Will be lit when energy-saving mode is engaged.
12. Temp down button: To decrease desired temperature.
13. Timer indicator light: Will be lit when the Timer mode is engaged.
14. Timer button: Used to engage timer mode and to set hour value for the timer.
15. Signal receiving window: For receiving remote control signal.

OPERATING INSTRUCTIONS

1. Start and select working mode

 Power  OR 	<p>Turn the heater on by pressing the ON/OFF button on the control panel or by pressing the Power button on the supplied remote control.</p> <p>Once power is off, heating element will stop working at first. Fan will prolong working for 1 minutes to emit plenty of heat inside and to cool down all the heating elements.</p>
 Mode  OR 	<p>Select a heat Mode Press the MODE button to toggle between the three heat modes.</p>

	<p>High Mode uses 1500W; Low Mode uses 750W. ECO mode is an Economic Energy Saving Function. When ECO mode is chosen, the heater will set the temperature automatically to 68°F (20°C) under this mode.</p>
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	<p>Adjust the desired temperature by pressing the Up/Down arrows on the control panel or remote control.</p>
	<p>Desired temperature options vary from 59°F to 86°F, or from 15°C to 30°C. Once you have chosen the desired temperature, the heater will remain on until the room temperature increases to the temperature on the digital display. The heater will cycle on and off to maintain the desired room temperature.</p>
	<p>Press °C/°F button to change the display temperature between Fahrenheit and Celsius.</p>
	<p>The Fahrenheit indicator LED will light when the temperature is displayed in Fahrenheit. The Celsius LED will light when the temperature is displayed in Celsius.</p>

<p>3. Setting the POWER-OFF-TIMER Function Note: The Power-Off-Timer Function will allow for the heater to power OFF after a certain set time, and can only be set while the heater's display is in the "Or" position.</p>	
	<p>Turn the heater to the "Or" position. Press the Timer button on the heater's control panel or the remote.</p>
	<p>The digital display changes from the "temperature" to the "hours" option for the timer. Continue to press the timer button to change the number of hours you would like the heater to run before powering itself off. The hour options for the timer are from 0 to 12 hrs. (in 1 hr increments).</p>

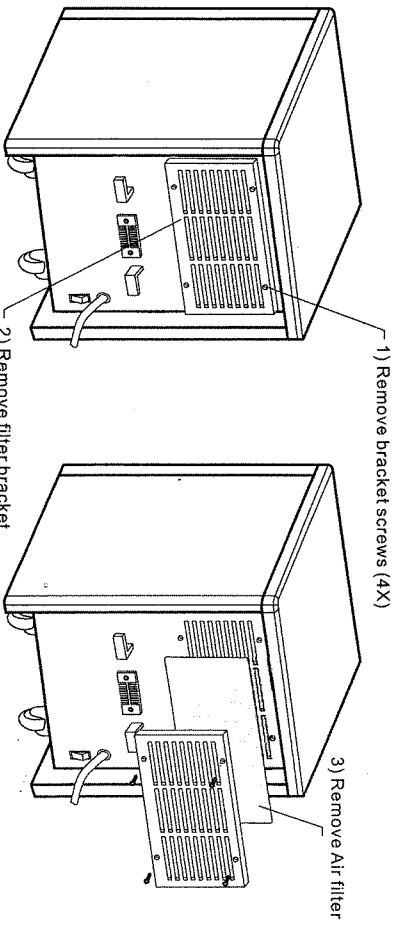
	<p>The selected hour increments will flash for a few seconds, then revert back to the set desired temperature. The Timer Indicator light will remain lit as long as the Timer is set. The heater will power OFF when the internal heater clock counts down the hour increments you set.</p>
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<p>4. Setting the POWER-ON-TIMER Function Note: The Power-ON-Timer Function will allow for the heater to power ON after a certain set time, and can only be set while the heater's display is in the "Off" position.</p>	
	<p>Turn the heater to the "OFF" position. Press the Timer button on the heater's control panel or the remote.</p>
	<p>The digital display shows the "hours" option for the timer. Continue to press the timer button to change the number of hours you would like the heater's internal clock to count down before powering itself on. The hour options for the timer are from 0 to 12 hrs. (in 1 hr increments).</p>
	<p>The Timer indicator light will remain lit as long as the Timer is set. The heater will power itself ON when the internal heater clock counts down the hour increments you set.</p>

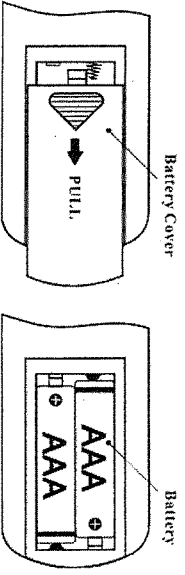
<p>5. Setting electro lock The Electro Lock can help avoid the heater from being accidentally engaged by children. The locking mechanism can be set in both the ON and OFF modes.</p>	
	<p>Press Temp Up and Temp Down buttons at the same time for 3 seconds. Locking is complete when you hear a beep. When locked, the functions of the control panel and remote will be locked for use.</p>
	<p>When you need to unlock it, press Temp Up and Temp Down buttons at the same time for 3 seconds. You will hear a beep. The control panel and remote control will become functional again.</p>

- MAINTENANCE**
1. Turn off the power switch in the rear of the unit.
 2. Unplug the unit and let it cool completely.
 3. To keep the heater clean, the outer shell may be cleaned with a soft, damp cloth. You may use a mild detergent if necessary. After cleaning, dry the unit with a soft cloth. **CAUTION: DO NOT** let liquid enter the heater.

4. DO NOT use alcohol, gasoline, abrasive powders, furniture polish, or rough brushes to clean the heater. This may cause damage or deterioration to the surface of the heater.
5. DO NOT immerse the heater in water.
6. Wait until the unit is completely dry before use.
7. Air filter needs cleaning after being used for 3 months. Please take off the filter following the 3 steps in the drawing below. Flush and clean the filter with water and then, dry it out and re-assemble.



8. If you do not use the heater for a long time, please take out the remote batteries (to prevent corrosion) as shown below. Store the remote in a safe place. Do not mix old and new batteries and Do not mix alkaline, standard (carbonzinc) or rechargeable (ni-cad, ni-mh, etc.) batteries



SAFETY FEATURES

This unit is equipped with a tip-over safety feature. Once the heater is tipped over, an internal switch will automatically shut the heater off. Once the heater is restore in the upright position, the heater will reset. To continue the operation, turn on the heater using the supplied remote control or the control panel on the heater.

OVERHEAT SAFETY FEATURE

This heater is equipped with an overheat safety feature. When the heater's internal components reach a certain temperature that could cause overheating and possible fires, the heater will automatically shut off.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Your heater shuts off unexpectedly or fails to operate.	<ol style="list-style-type: none"> 1. No electric power. 2. One of the safety features may have activated to prevent overheating, including the tip-over safety switch and thermal overload protector. 	<ol style="list-style-type: none"> 1. Be sure the power cord is plugged into a working electrical outlet. <ol style="list-style-type: none"> 2. a. Check your thermostat setting. The heater may be off because it has reached the desired temperature setting. <ol style="list-style-type: none"> b. Unplug the heater and wait 10 minutes for the unit to cool down. After 10 minutes, plug the unit in again and operate normally.

SERVICE INSTRUCTIONS:

- Do not attempt to repair or adjust any electrical or mechanical functions on this unit. Doing so will void the warranty.
- If you have any questions regarding this unit's operation or believe any repair is necessary, please call (877) 469-9553 to speak with a Customer Service Representative or email us at service@lilq.cn.

Warranty Information:

1 Year Limited Warranty:

Warrants that for a period of one year from the date of purchase, this product will be free from defects in material and workmanship. Soleil Heaters at its option, will repair or replace this product or any component of the product found to be defective during the warranty period. Replacement will be made with a new product or component. If the product is no longer available, replacement may be made with a similar product of equal or greater value. This is your exclusive warranty. DO NOT attempt to repair or adjust any electrical or mechanical functions on this product. Doing so will void this warranty.

Keep the original sales receipt. Proof of purchase is required to obtain warranty performance. This warranty does not cover normal wear of parts or damage resulting from any of the following: negligent use or misuse of the product, use on improper voltage or current, use contrary to the Operating Instructions, disassembly, repair or alteration. The warranty does not cover: Acts of God, such as fire, flood, hurricanes and tornadoes.

Please read and understand this entire manual before attempting to assemble, operate or install the product. If you have any questions regarding the product, please call customer service at 877-469-9553, 9 a.m. - 5 p.m., EST, Monday - Friday.

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