

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

> [sertheha](#) /

> [sertheha 2000W 110V Infrared Paint Curing Lamp Instruction Manual](#)

sertheha Paint Booth Heater

sertheha 2000W 110V Infrared Paint Curing Lamp Instruction Manual

Model: Paint Booth Heater

1. SAFETY INFORMATION

Please read and understand all safety instructions before installing, operating, or maintaining this product. Failure to follow these instructions may result in electric shock, fire, serious injury, or property damage.

- **Electrical Safety:** Ensure the power supply matches the specified voltage (110V) and frequency. Always disconnect power before performing any installation, maintenance, or cleaning. Use appropriate circuit protection.
- **Heat Hazard:** The lamp generates intense heat. Do not touch the heating elements or surrounding surfaces during operation or immediately after shutdown. Allow sufficient cooling time.
- **Fire Prevention:** Keep flammable materials, liquids, and vapors away from the lamp during operation. Ensure adequate ventilation in the work area.
- **Installation:** Installation should be performed by qualified personnel in accordance with all local electrical codes and regulations. Ensure the mounting surface is capable of supporting the unit's weight.
- **Personal Protective Equipment (PPE):** Wear appropriate PPE, including heat-resistant gloves and eye protection, when working near the operating lamp.
- **Intended Use:** This product is designed for paint curing and baking applications in controlled environments such as paint booths. Do not use for purposes other than its intended use.

2. PRODUCT OVERVIEW

The sertheha Infrared Paint Curing Lamp is designed to provide efficient and uniform heat for accelerating the drying and curing process of painted surfaces. This unit features high-powered infrared heating elements housed in a durable metal casing, suitable for various professional and industrial applications.



Image 2.1: Multiple sertheha infrared paint curing lamps, showcasing the product's design and quantity in a set.

Key Features:

- **High-Powered Heating:** Equipped with 2000W infrared heating lamps for efficient curing.
- **Versatile Application:** Suitable for automobile paint booths, workshops, garages, and industrial settings.
- **Durable Construction:** Sturdy metal housing and high-quality components ensure longevity.
- **Safety Features:** Includes overheat protection and automatic shut-off for safe operation.



Image 2.2: A detailed view of the infrared heating elements and the protective grille inside the lamp unit.

3. WHAT'S IN THE BOX

Upon unpacking, verify that all components are present and undamaged. The standard package includes:

- Infrared Paint Curing Lamp Unit(s)

Note: The number of units may vary based on the specific product set purchased.

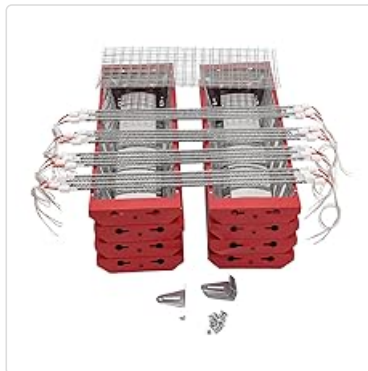


Image 3.1: A stack of multiple curing lamps, illustrating the typical packaging and included mounting hardware.

4. SETUP AND INSTALLATION

Proper installation is crucial for the safe and effective operation of the paint curing lamp. It is recommended that installation be performed by a qualified electrician or technician.

4.1 Mounting Location

- Select a location in your paint booth, workshop, or garage that allows for optimal heat distribution over the target area.
- Ensure the mounting surface (wall or ceiling) is structurally sound and can safely support the weight of the lamp unit(s).
- Maintain adequate clearance from walls, ceilings, and other objects to prevent overheating and ensure proper air circulation. Refer to local codes for specific clearance requirements.



Image 4.1: An infrared paint curing lamp mounted on a wall, demonstrating a typical installation scenario next to a vehicle.

4.2 Electrical Connection

- Ensure the main power supply is turned OFF at the circuit breaker before making any electrical connections.
- Connect the lamp's wiring to a dedicated 110V power circuit, ensuring proper grounding.
- All wiring must comply with national and local electrical codes.
- Verify all connections are secure and insulated to prevent short circuits.



Image 4.2: The rear view of the lamp unit, highlighting the electrical wiring connections for installation.

5. OPERATING INSTRUCTIONS

Follow these steps for safe and effective operation of your infrared paint curing lamp.

5.1 Pre-Operation Checks

- Ensure the lamp is securely mounted and all electrical connections are tight.
- Verify that the work area is clear of obstructions and flammable materials.
- Confirm adequate ventilation is in place.

5.2 Powering On and Curing Process

1. Turn on the main power supply to the lamp. The heating elements will begin to glow and emit infrared heat.
2. Position the lamp at an appropriate distance from the painted surface. The optimal distance will depend on the paint type, desired curing speed, and ambient conditions. Start with a greater distance and gradually move closer if needed, while monitoring the surface temperature.
3. Monitor the curing process closely to prevent overheating or damage to the paint or substrate.
4. Allow the lamp to operate for the recommended curing time as specified by the paint manufacturer.



Image 5.1: Examples of the infrared paint curing lamp in various application environments, including automobile paint booths and workshops.

5.3 Powering Off

- Once curing is complete, turn off the power supply to the lamp.
- Allow the unit to cool down completely before handling or storing.

6. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your paint curing lamp.

- **Cleaning:** Ensure the lamp is completely cool and disconnected from power. Gently wipe the exterior with a soft, dry cloth. Do not use abrasive cleaners or solvents. Keep the heating elements and reflectors free of dust and debris.
- **Inspection:** Periodically inspect the power cord, wiring, and heating elements for any signs of damage, wear, or loose connections. Replace any damaged components immediately.
- **Storage:** When not in use, store the lamp in a clean, dry environment, protected from dust and moisture.

7. TROUBLESHOOTING

If you encounter issues with your paint curing lamp, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Lamp does not turn on	No power supply Loose electrical connection Faulty heating element	Check circuit breaker and power outlet Verify all wiring connections are secure Contact qualified technician for inspection/replacement
Insufficient heat output	Incorrect distance from surface Dust/debris on elements Partial element failure	Adjust lamp distance to target Clean heating elements (when cool and off) Contact qualified technician
Uneven curing	Improper lamp positioning Inconsistent distance	Adjust lamp angle and distance for uniform coverage Ensure consistent lamp-to-surface distance
Overheating/Automatic shut-off	Blocked ventilation Prolonged operation Internal fault	Ensure clear airflow around the unit Allow unit to cool down; reduce operating time Contact qualified technician

If the problem persists after attempting these solutions, contact a qualified service technician.

8. SPECIFICATIONS

Technical specifications for the sertheha Paint Booth Heater.

Specification	Detail
Brand	sertheha
Model	Paint Booth Heater
Power Output	2000W (per unit)
Voltage	110V

Specification	Detail
ASIN	B0DJL1BDLP
Dimensions (Approx.)	63cm (24.8in) Length x 18cm (7.09in) Width

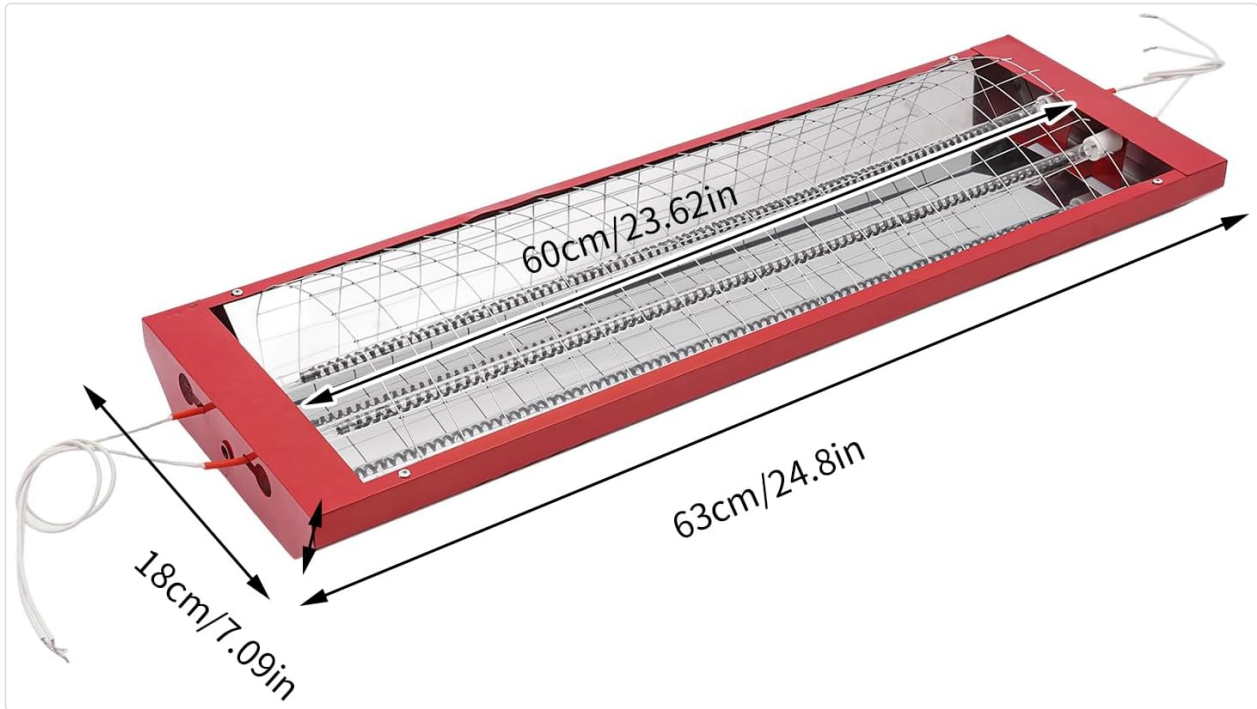


Image 8.1: A diagram illustrating the approximate dimensions of the paint curing lamp unit.

9. WARRANTY AND SUPPORT

For information regarding product warranty, please refer to the documentation provided at the time of purchase or contact your seller directly. Warranty terms and conditions may vary.

For technical support, troubleshooting assistance beyond this manual, or to inquire about replacement parts, please contact the manufacturer or your authorized dealer. Keep your purchase receipt and product model information readily available when seeking support.