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> [Helios Titan Infrared Electric Outdoor Patio Heater \(1500W\) Instruction Manual](#)

## Helios SP Titan1-120-WT

# Helios Titan Infrared Electric Outdoor Patio Heater

MODEL: SP TITAN1-120-WT (1500W)

## IMPORTANT SAFETY INSTRUCTIONS

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**Read all instructions carefully before using this heater. Failure to follow these instructions may result in fire, electric shock, injury, or property damage.**

- **Electrical Safety:** Ensure the power supply matches the heater's requirements (120V, 60Hz). Do not overload circuits. Always use a properly grounded outlet. Do not operate with a damaged cord or plug.
- **Placement:** Maintain a minimum clearance of 3 feet (0.9 meters) from combustible materials (e.g., furniture, curtains, paper, clothing) to the front, sides, and top of the heater. Do not install directly below a power outlet.
- **Outdoor Use Only:** This heater is designed for outdoor and commercial use. While rain and splash-proof, avoid direct exposure to heavy rain or water jets.
- **Mounting:** Mount the heater securely to a wall or ceiling using the provided hardware. Ensure the mounting surface can support the heater's weight. Refer to the 'Setup/Installation' section for detailed instructions.
- **Supervision:** Do not leave the heater unattended while in operation. Keep children and pets away from the heater.
- **Maintenance:** Disconnect power before cleaning or performing any maintenance. Do not attempt to repair the heater yourself; contact qualified service personnel.
- **Hot Surface:** The heater's surface becomes hot during operation. Avoid direct contact.

## PRODUCT OVERVIEW

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The Helios Titan Infrared Electric Outdoor Patio Heater provides efficient and targeted heating for outdoor spaces. Its robust design is suitable for both residential and commercial applications, offering reliable warmth with convection and radiant heating methods.

## Package Contents

- Helios Titan Infrared Electric Heater Unit (1500W)
- Wall Mounting Bracket
- Mounting Hardware (screws, anchors)
- User Manual

## Product Features

- **Heating Method:** Convection and Radiant
- **Power Source:** Corded Electric (1500 Watts)
- **Mounting Type:** Wall Mount
- **Indoor/Outdoor Usage:** Outdoor
- **Special Feature:** Portable design for flexible placement
- **Durability:** Rain and Splash-proof (Industrial Grade)
- **Heating Area:** Approximately 160-215 sq ft (depending on installation height)

## SETUP AND INSTALLATION

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Proper installation is crucial for the safe and efficient operation of your Helios Titan heater. Please follow these steps carefully.

### 1. Choosing a Location

- Select a wall or ceiling location that is structurally sound and can support the heater's weight (approximately 8.73 lbs).
- Ensure the chosen location allows for the minimum clearances from combustible materials as specified in the 'Important Safety Instructions'.
- Recommended installation height is between 11 to 15 feet for optimal heating coverage of 160-215 sq ft.
- Avoid areas with excessive wind or direct exposure to heavy precipitation, despite its splash-proof rating.

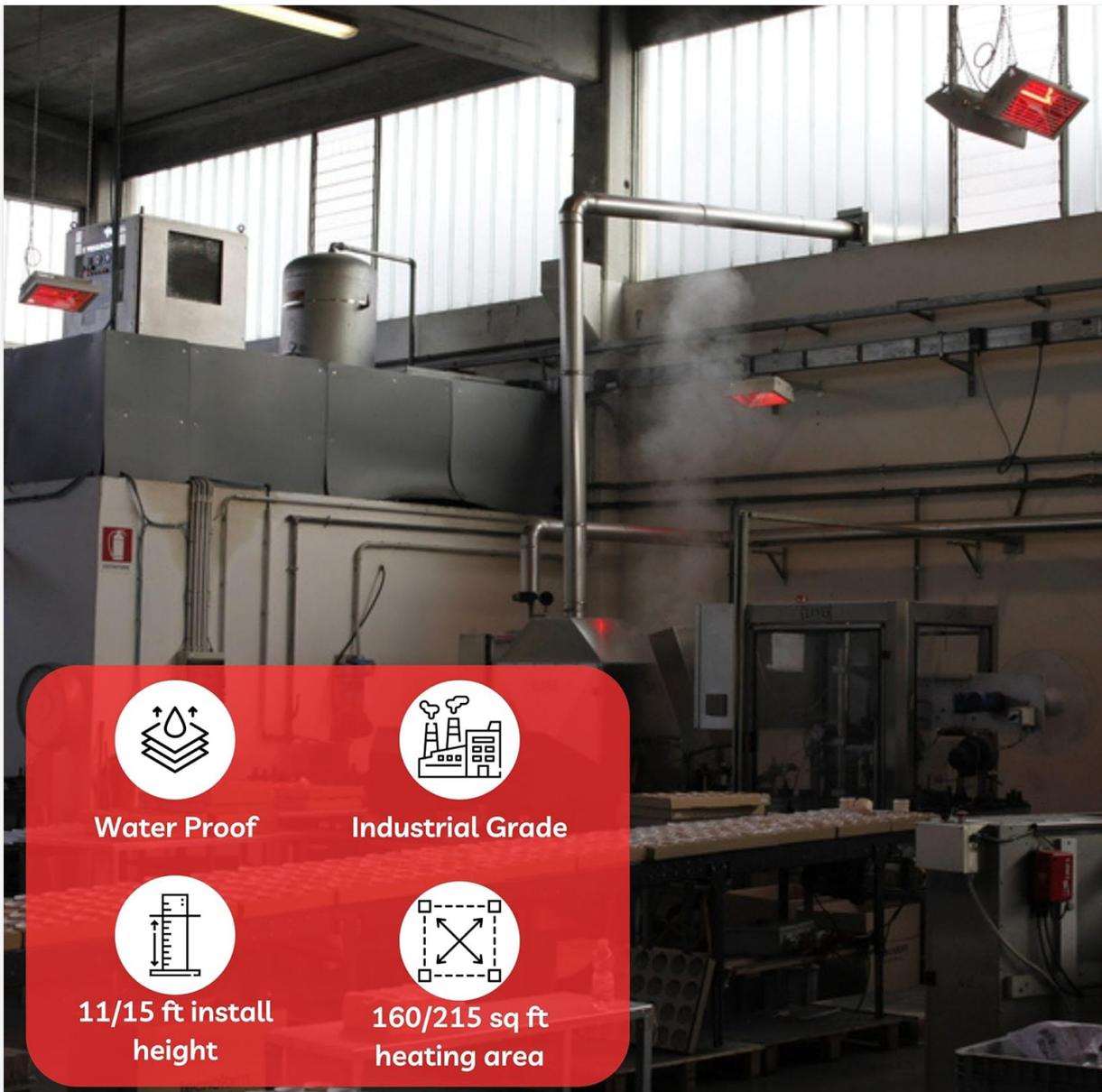


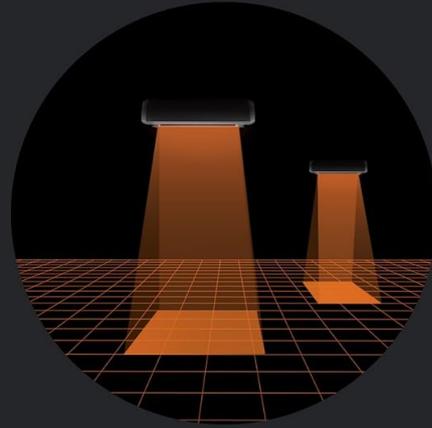
Image: Helios Titan heater in an industrial environment, demonstrating its robust construction and suitability for various installation heights and heating areas. Features highlighted include water resistance, industrial grade, 11-15 ft install height, and 160-215 sq ft heating area.

## 2. Mounting the Heater

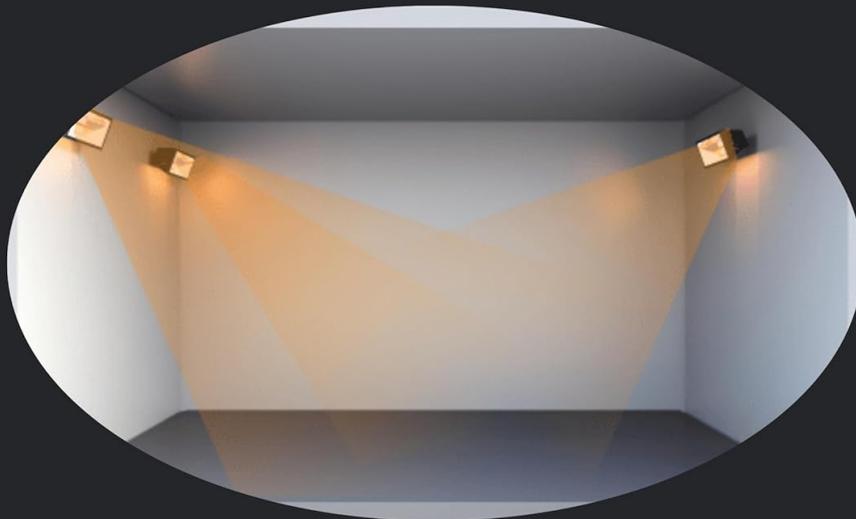
1. Mark the desired mounting points on the wall or ceiling using the mounting bracket as a template.
2. Drill pilot holes at the marked points. If mounting into drywall or hollow surfaces, insert appropriate wall anchors.
3. Secure the mounting bracket to the surface using the provided screws. Ensure it is firmly attached.
4. Attach the heater unit to the mounting bracket. Follow the specific instructions for securing the heater to the bracket, ensuring it is locked into place and stable.

# WHY HELIOS TITAN?

Local Warming technology  
allows for substantial energy  
savings



**CONCENTRATE** heat  
only on needed areas



**MAXIMIZE** heating efficiency

Image: Illustration demonstrating the local warming technology of the Helios Titan heater, showing how it concentrates heat on needed areas to maximize heating efficiency and save energy.

### 3. Electrical Connection

- Ensure the heater is unplugged before making any electrical connections.
- Connect the heater's power cord to a grounded 120V, 60Hz electrical outlet.
- Do not use extension cords unless absolutely necessary, and if used, ensure it is a heavy-duty outdoor-rated cord suitable for the heater's wattage (1500W).
- Ensure the outlet is protected by a Ground Fault Circuit Interrupter (GFCI) for outdoor safety.

## OPERATING INSTRUCTIONS

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Once installed, operating your Helios Titan heater is straightforward.

### 1. Powering On/Off

1. Plug the heater into a suitable electrical outlet.
2. Locate the power switch on the heater unit. Flip the switch to the 'ON' position. The heating element will begin to glow and emit heat.

- To turn off the heater, flip the power switch to the 'OFF' position. Unplug the heater from the outlet when not in use for extended periods.

## 2. Adjusting Settings

This model operates at a fixed 1500W output. There are no adjustable heat settings. The heater provides consistent radiant and convection heat when powered on.

## MAINTENANCE

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Regular maintenance ensures the longevity and optimal performance of your heater.

### Cleaning

- **Always disconnect the power supply before cleaning.** Allow the heater to cool completely.
- Wipe the exterior surfaces with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish.
- Do not immerse the heater in water or spray water directly onto it.
- Periodically check the heating element for dust or debris. If necessary, gently clean with a soft brush or compressed air.

### Storage

- If storing the heater for an extended period, ensure it is clean and dry.
- Store in a cool, dry place, protected from dust and moisture.

## TROUBLESHOOTING

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If you encounter issues with your Helios Titan heater, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Heater does not turn on.	No power supply, power switch off, tripped circuit breaker/GFCI.	Check if plugged in securely. Ensure power switch is ON. Reset circuit breaker or GFCI. Test outlet with another device.
Heater emits unusual smell.	New heater burning off manufacturing residues, dust accumulation.	Initial odor is normal and should dissipate. Clean the heater if dust is present (ensure power is off and unit is cool). If odor persists or is strong/burning, unplug immediately and contact support.
Reduced heat output.	Dust on heating element, improper placement, external factors (wind).	Clean heating element (ensure power is off and unit is cool). Ensure heater is not obstructed. Consider repositioning to reduce wind exposure.

## SPECIFICATIONS

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<b>Brand</b>	Helios
<b>Model Number</b>	SP Titan1-120-WT
<b>Power Output</b>	1500 Watts
<b>Voltage</b>	120V
<b>Frequency</b>	60Hz
<b>Heating Method</b>	Convection, Radiant
<b>Mounting Type</b>	Wall Mount
<b>Indoor/Outdoor Usage</b>	Outdoor
<b>Product Dimensions (D x W x H)</b>	6"D x 19"W x 9"H
<b>Item Weight</b>	8.73 pounds
<b>Special Feature</b>	Portable

## WARRANTY AND SUPPORT

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Helios products are manufactured to high-quality standards. This product comes with a standard manufacturer's warranty against defects in materials and workmanship.

- **Warranty Period:** Please refer to the warranty card included with your product or visit the official Helios website for specific warranty terms and duration.
- **Customer Support:** For technical assistance, troubleshooting, or warranty claims, please contact Helios customer service.
- **Contact Information:** For support, please visit the manufacturer's website or refer to the contact details provided on your purchase documentation.