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› Dayton 3UG57 Electric Wall Heater User Manual

## Dayton 3UG57

# Dayton 3UG57 Electric Wall Heater User Manual

Model: 3UG57 | Brand: Dayton

## 1. INTRODUCTION AND OVERVIEW

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This manual provides essential instructions for the safe installation, operation, and maintenance of your Dayton 3UG57 Electric Wall Heater. This unit is designed to provide supplemental or primary heating for indoor spaces. Please read this manual thoroughly before installation and use, and retain it for future reference.



**Figure 1:** Front view of the Dayton 3UG57 Electric Wall Heater, featuring a white grille and a circular thermostat control knob located in the upper left corner.

## 2. IMPORTANT SAFETY INFORMATION

Failure to follow these safety instructions could result in fire, electric shock, personal injury, or property damage. Always observe basic safety precautions when using electrical appliances.

- Read all instructions before installing or using this heater.
- This heater is hot when in use. To avoid burns, do not let bare skin touch hot surfaces. Keep combustible materials, such as furniture, pillows, bedding, papers, clothes, and curtains, at least 3 feet (0.9 meters) from the front of the heater and keep them away from the sides and rear.

- Extreme caution is necessary when any heater is used by or near children or invalids and whenever the heater is left operating and unattended.
- Do not operate any heater with a damaged cord or plug 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.
- Do not use outdoors. This heater is intended for indoor use only.
- 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.
- To disconnect heater, turn controls to off, then remove plug from outlet.
- 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 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 it in areas where gasoline, paint, or flammable vapors or liquids are used or stored.
- Use this heater only as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.
- Always connect heaters directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
- Installation must be performed by a qualified electrician and in accordance with all local and national electrical codes.

### 3. INSTALLATION AND SETUP

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Proper installation is crucial for the safe and efficient operation of your Dayton 3UG57 Electric Wall Heater. If you are not familiar with electrical wiring, consult a qualified electrician.

#### 3.1 Choosing a Location

- Select a wall location that is free from obstructions and allows for proper air circulation.
- Ensure the location is away from water sources, flammable materials, and direct sunlight.
- Maintain minimum clearances from walls, ceilings, and floors as specified by local codes and the heater's labeling.

#### 3.2 Electrical Requirements

The Dayton 3UG57 heater requires a dedicated electrical circuit. Verify that your electrical supply matches the voltage and wattage requirements specified on the heater's rating label. All wiring must comply with national and local electrical codes.

#### 3.3 Mounting and Wiring

1. **Prepare the Wall Opening:** Create an opening in the wall according to the dimensions provided in the heater's installation guide (not provided here, but implied for a wall heater).
2. **Run Electrical Wiring:** Route the appropriate gauge electrical wiring from your circuit breaker panel to the wall opening.
3. **Connect Wiring:** Following the wiring diagram provided with the heater, connect the electrical supply wires to the heater's terminals. Ensure all connections are secure and properly insulated.

4. **Secure the Heater:** Insert the heater into the wall opening and secure it using the provided mounting screws. Ensure the heater is flush with the wall surface.
5. **Install Grille:** Attach the front grille to the heater unit.
6. **Restore Power:** Once installation is complete and all connections are verified, restore power at the circuit breaker.

## 4. OPERATION

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The Dayton 3UG57 Electric Wall Heater features an adjustable thermostat for precise temperature control.

### 4.1 Turning On/Off

- To turn the heater on, rotate the thermostat knob clockwise from the "OFF" position.
- To turn the heater off, rotate the thermostat knob counter-clockwise to the "OFF" position.

### 4.2 Adjusting Temperature

- Rotate the thermostat knob clockwise to increase the desired temperature setting.
- Rotate the thermostat knob counter-clockwise to decrease the desired temperature setting.
- The heater will cycle on and off to maintain the set temperature.

## 5. MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your heater. Always disconnect power to the heater at the circuit breaker before performing any maintenance.

### 5.1 Cleaning the Heater

- Allow the heater to cool completely before cleaning.
- Use a soft, damp cloth to wipe the exterior surfaces. Do not use abrasive cleaners or solvents.
- Carefully vacuum or brush away any dust or debris from the grille openings. Do not obstruct the air vents.

### 5.2 Seasonal Storage

If the heater will not be used for an extended period, ensure it is clean and the power is disconnected at the circuit breaker.

## 6. TROUBLESHOOTING

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If your Dayton 3UG57 Electric Wall Heater is not operating correctly, refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Heater does not turn on.	No power supply. Thermostat set too low. Circuit breaker tripped.	Check circuit breaker. Increase thermostat setting. Reset circuit breaker.

Problem	Possible Cause	Solution
Heater produces insufficient heat.	Thermostat set too low. Room size too large for heater capacity. Air vents blocked.	Increase thermostat setting. Consider supplemental heating or a higher capacity unit. Clear any obstructions from vents.
Unusual noises or odors.	Dust accumulation. Loose components. Electrical issue.	Clean heater thoroughly. Disconnect power and inspect for loose parts (consult electrician if unsure). Immediately disconnect power and contact a qualified electrician.

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

## 7. SPECIFICATIONS

**Brand:** Dayton

**Model:** 3UG57

**Type:** Electric Wall Heater

**Special Feature:** Adjustable Temperature

**Color:** White

**Indoor/Outdoor Usage:** Indoor Only

**Manufacturer:** Dayton

**ASIN:** B01M0EZFMP

**Date First Available:** October 13, 2008

**National Stock Number:** 4520-01-285-1346

## 8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries regarding your Dayton 3UG57 Electric Wall Heater, please contact Dayton customer service directly. Keep your purchase receipt and model number (3UG57) available when contacting support.

Contact information for Dayton can typically be found on their official website or on the product packaging.