

Fahrenheit FUH54

Fahrenheit FUH54 Electric Garage Heater Instruction Manual

Model: FUH54 | Brand: Fahrenheit

1. INTRODUCTION

The Fahrenheit FUH54 Electric Heater is designed to provide efficient and comfortable warmth in large, hard-to-heat areas such as garages, workshops, basements, warehouses, and covered outdoor spaces. This unit features a smart automatic control that delays fan operation until the heating element is adequately warmed. For enhanced safety and durability, the fan continues to operate after the heating element is turned off or reaches maximum capacity, ensuring proper cooling and preventing the circulation of cold air. Engineered with aesthetics, functionality, safety, and longevity in mind, the FUH54 is a reliable electric comfort heating solution.



Figure 1: Front view of the Fahrenheit FUH54 Electric Heater.

2. IMPORTANT SAFETY INFORMATION

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

- **Electrical Installation:** This heater requires a 208V or 240V electrical system with a dedicated 50 Amp circuit. Installation should only be performed by a licensed electrician in accordance with all local and national electrical codes.
- **Overheat Protection:** The unit is equipped with a high-level cutout that automatically shuts off the heater to prevent overheating. The heater will reactivate once the temperature returns to normal operating levels.
- **Fan Operation:** The automatic control delays fan use until the heating element is warmed. When the heater is at maximum capacity or turned off, the fan continues to operate until the heating element is cooled, preventing cold air circulation and ensuring component longevity.
- **Clearance:** Maintain adequate clearance from combustible materials. Refer to the installation section for specific clearance requirements.
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged upon unpacking. If any parts are missing or damaged, do not attempt to install or operate the heater. Contact customer support for assistance.

- Fahrenheit FUH54 Electric Heater Unit
- Ceiling Mounting Bracket
- Remote Control

- Installation Hardware (screws, anchors)
- User Manual

4. SPECIFICATIONS

Feature	Specification
Brand	Fahrenheit
Model Number	FUH54
Special Feature	Manual Thermostat, Overheat Protection
Color	Beige
Form Factor	Wall or Ceiling Mountable
Indoor/Outdoor Usage	Indoor, Outdoor (covered spaces)
Product Dimensions	12.5"D x 12.4"W x 14"H
Recommended Uses	Garage, Outdoor, Workshop, Warehouse, Basement
Mounting Type	Ceiling Mount
Heating Coverage	400 sq ft
Burner Type	Electric
Fuel Type	Electric
Voltage	240V (compatible with 208V)
Amperage	20.83 Amps
Min Temperature Setting	45 Degrees Fahrenheit
Max Temperature Setting	135 Degrees Fahrenheit
Wattage	5000 watts
Material	Steel
Item Weight	24 pounds

5. SETUP AND INSTALLATION

The Fahrenheit FUH54 heater is designed for either wall or ceiling mounting. Ensure the mounting surface is structurally sound and can support the weight of the unit. A dedicated 50 Amp circuit is required for operation. Consult a licensed electrician for proper wiring and installation.

5.1 Mounting

The heater includes a versatile mounting bracket that allows for both vertical and horizontal positioning. This enables you to direct heat precisely where needed. The bracket offers four different positions for optimal angling.



Figure 2: Fahrenheat FUH54 Electric Heater mounted on a ceiling in a workshop, angled downwards.



Figure 3: Fahrenheat FUH54 Electric Heater mounted on a ceiling, providing warmth to a garage space.

5.2 Electrical Wiring

The FUH54 is designed for hardwired applications. It requires a 240V or 208V connection to a dedicated 50 Amp circuit. The unit features knockouts on both sides in two different sizes to accommodate various wiring configurations. Always ensure power is disconnected at the circuit breaker before attempting any wiring.

Video 1: Official Fahrenheat FUH Electric Heater overview, including installation and wiring details. This video demonstrates the product's features and provides guidance on its setup.

The wiring panel is accessible via a single Phillips head screw. Connect two hot leads (L1 and L2) and a grounding wire. For permanent wiring, use a minimum of 6 AWG wire. The unit will beep and display the incoming voltage upon initial power-up. If no beep or voltage display occurs, check the power supply and wiring connections.



Figure 4: Side view of the Fahrenheat FUH54 Electric Heater, highlighting the adjustable mounting bracket.

6. OPERATING INSTRUCTIONS

The Fahrenheat FUH54 heater features a built-in thermostat and comes with a remote control for convenient operation. Adjustable louvers on the front allow you to direct the heat flow.

6.1 Control Panel and Remote

Upon powering on, the unit will display the current room temperature. Use the mode button on the remote or control panel to cycle through Off, Fan Only, and Heating modes. Adjust the desired temperature using the up/down buttons. The heater will automatically maintain the set temperature.

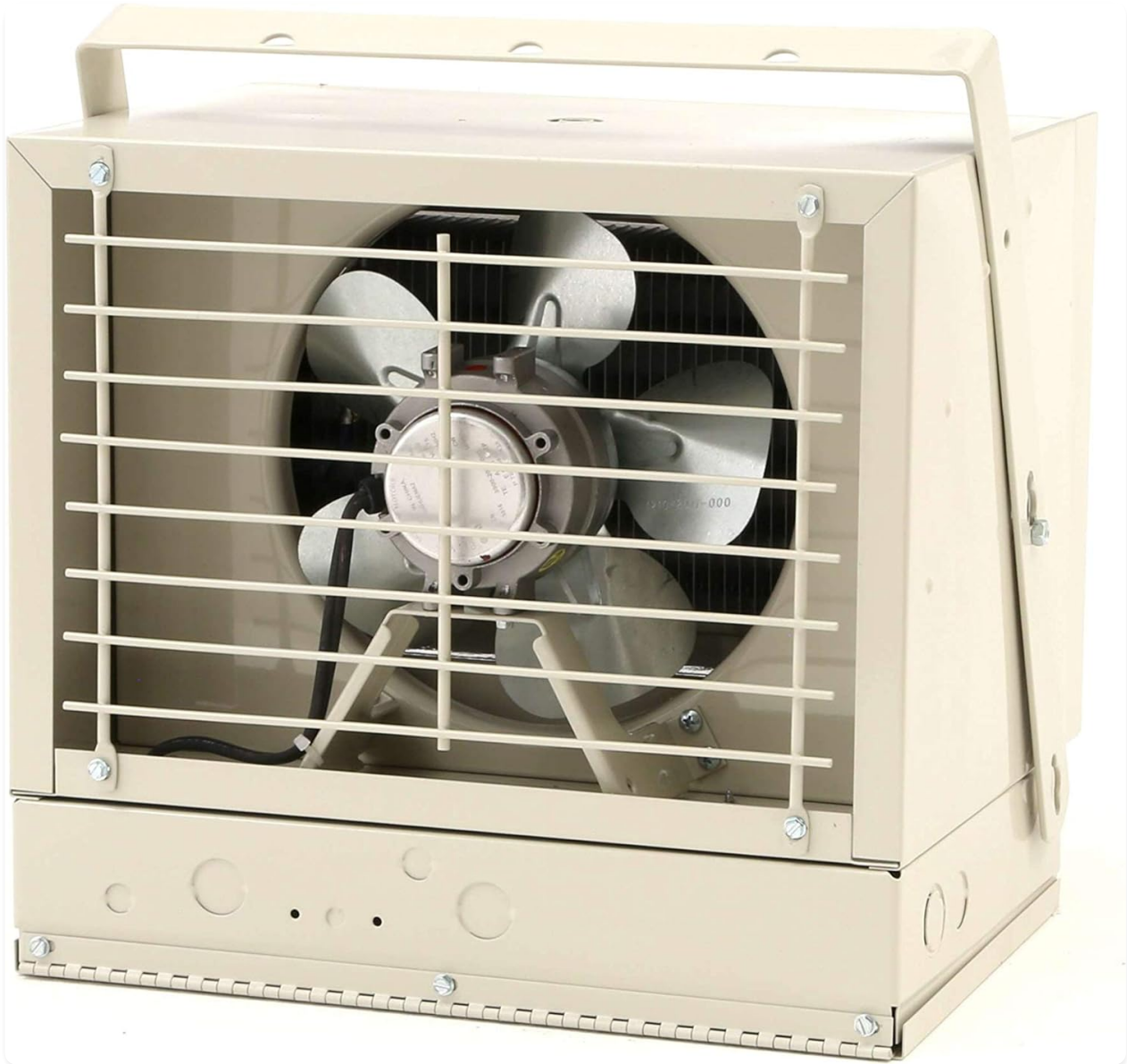


Figure 5: Close-up of the Fahrenheat FUH54 Electric Heater's control panel and remote control.

6.2 Thermostat Settings

The built-in single pole thermostat can be adjusted from 45 to 135 degrees Fahrenheit. An external thermostat can also be wired to the unit by flipping the toggle switch on the back of the unit to the 'External Thermostat' setting. Otherwise, keep it on the 'Heater's Thermostat' setting to use the internal controls.



Figure 6: Rear view of the Fahrenheat FUH54 Electric Heater, showing the toggle switch for internal or external thermostat control.

6.3 Timer Function

The heater includes a delay timer function, allowing you to set it to run for 1 to 8 hours. This is useful for ensuring the heater turns off automatically after a set period, preventing unnecessary energy consumption.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Fahrenheat FUH54 heater. Always disconnect power to the unit before performing any maintenance.

- **Cleaning:** Periodically clean the exterior of the heater with a soft, damp cloth. Ensure the air intake and output grilles are free from dust and debris to maintain efficient airflow.
- **Inspections:** Annually inspect all electrical connections for tightness and signs of wear. Check the fan blades for any obstructions or damage.
- **Professional Service:** For any internal repairs or complex issues, contact a qualified service technician.

8. TROUBLESHOOTING

If your Fahrenheit FUH54 heater is not operating correctly, refer to the following common issues and solutions:

- **Heater does not turn on / No beep on power-up:** Check the circuit breaker to ensure power is supplied to the unit. Verify all electrical wiring connections are secure and correct.
- **No heat output:** Ensure the heater is in heating mode and the thermostat is set above the current room temperature. Check for any obstructions around the heating elements.
- **Fan is noisy or rattling:** Inspect the fan for any obstructions. Check mounting screws for tightness, as loose screws can cause rattling.
- **Heater cycles on and off frequently:** This may indicate the high-level cutout is activating due to overheating. Ensure proper clearance around the unit and that air vents are not blocked.

9. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Fahrenheit website. If you require technical support or have questions regarding your FUH54 heater, please contact Fahrenheit customer service.

Customer Service Contact: Refer to your product packaging or the official Fahrenheit website for the most current contact information.