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Qmark CWH3404F

Qmark CWH3404F Wall Heater Instruction Manual

Model: CWH3404F

1. INTRODUCTION

This manual provides essential instructions for the safe installation, operation, and maintenance of your Qmark CWH3404F Wall Heater. Please read all instructions carefully before installation and use to ensure proper function and safety. Keep this manual for future reference.

2. IMPORTANT SAFETY INFORMATION

WARNING: Risk of electric shock, fire, or injury. Installation and repairs must be performed by qualified service personnel.

- Always disconnect power at the main service panel before installing or servicing this heater.
- This heater is equipped with a manual reset thermal overhear protector. If the heater overheats due to accidental blockage, this protector will disconnect power. To reset, remove the obstruction and allow the unit to cool before manually resetting the protector.
- 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.
- Maintain a minimum clearance of 6 inches (15 cm) from the front of the heater to any combustible materials.
- Ensure the heater is properly grounded according to local electrical codes.

3. PRODUCT OVERVIEW

The Qmark CWH3404F is a commercial-grade electric wall-mounted, fan-forced heater designed to provide supplemental heat in various indoor environments. Its durable steel grille ensures optimized airflow.

Key Features:

- **Versatile Design:** Suitable for both residential and commercial applications due to its low-profile look and commercial-grade steel construction.
- **Fan-Only Option:** Allows for air circulation without heat during warmer periods.
- **Overheat Protection:** Features a manual reset thermal overhear protector for enhanced safety.
- **Low Maintenance:** Equipped with a permanently lubricated fan motor for extended operational life.



CWH3404F WALL HEATER

Figure 1: Qmark CWH3404F Wall Heater branding.

This unit is designed for installation in various indoor locations including homes, basements, offices, conference rooms, lobbies, hallways, and vestibules.

USE ANYWHERE



Figure 2: Example installation of the CWH3404F in a hallway, suitable for various indoor spaces.

4. SETUP AND INSTALLATION

The Qmark CWH3404F is a wall-mount electric heater. Due to its electrical nature and the requirement for proper wiring, **professional installation by a licensed electrician is strongly recommended** to ensure safety and compliance with all local electrical codes.

Installation Considerations:

- **Location:** Choose a wall location that allows for adequate air circulation and is away from curtains, furniture, or other obstructions.
- **Mounting:** The heater is designed to be recessed into a wall. Ensure the wall cavity dimensions are sufficient to accommodate the unit.
- **Electrical Supply:** This unit requires a 240 Volt electrical supply. Verify that the circuit can handle the heater's amperage (16.67 Amps for 4000 Watts).
- **Wiring:** All wiring must conform to national and local electrical codes.

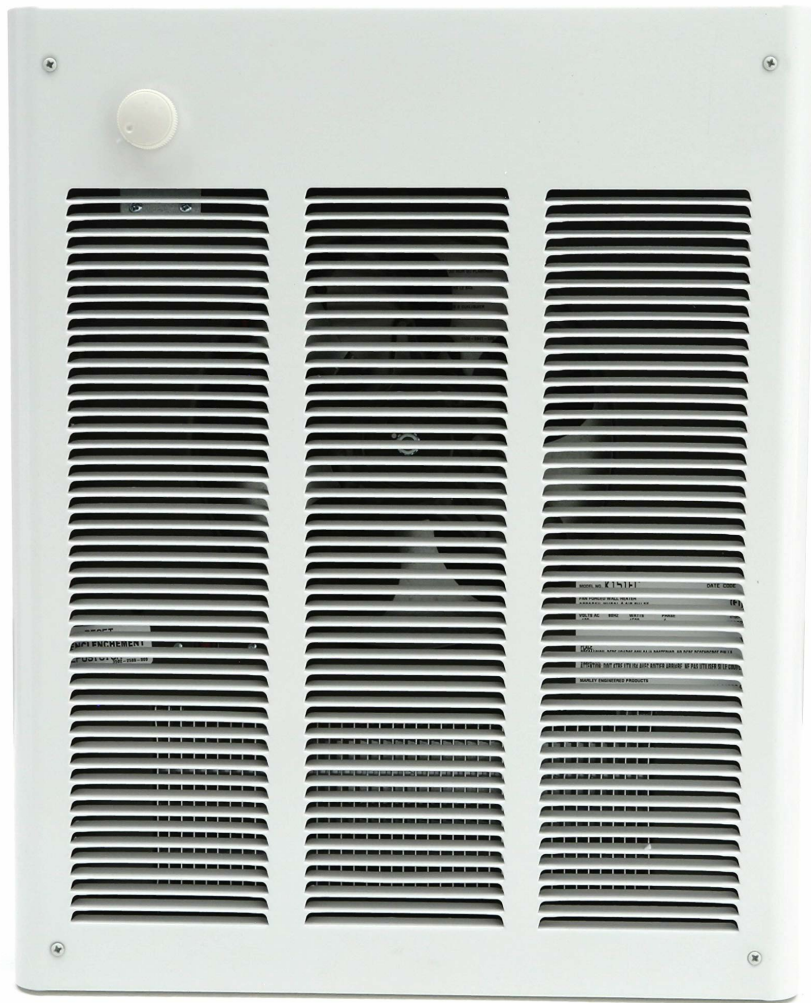


Figure 3: Rear view of the CWH3404F unit, illustrating mounting points and electrical connection access.

Refer to the detailed wiring diagrams and mounting instructions included in the packaging for specific installation steps. Improper installation can lead to electrical hazards or heater malfunction.

5. OPERATING INSTRUCTIONS

Once properly installed and powered, the Qmark CWH3404F Wall Heater is designed for straightforward operation.

Basic Operation:

- **Power On/Off:** The heater is typically controlled by a wall switch or an external thermostat (if installed separately).
- **Heat Function:** When the unit is powered on and heat is required, the heating element and fan will activate.
- **Fan-Only Mode:** This heater includes a fan-only option. Consult your specific model's controls or external thermostat settings to activate the fan without heat, useful for circulating air during warmer months.

Note: This model does not include an integrated thermostat for temperature control or fan speed adjustment. Temperature regulation typically relies on an external wall thermostat, which must be purchased and installed

separately. The fan operates at a fixed speed when active.

6. MAINTENANCE

The Qmark CWH3404F Wall Heater is designed for low maintenance, featuring a permanently lubricated fan motor. Regular cleaning is recommended to ensure optimal performance and longevity.

Cleaning Instructions:

- Disconnect Power:** Always turn off the power to the heater at the main service panel before performing any cleaning or maintenance.
- Clean Exterior:** Use a soft, damp cloth to wipe down the exterior surfaces and grille. Do not use abrasive cleaners or solvents.
- Remove Dust:** Periodically use a vacuum cleaner with a brush attachment to remove dust and lint from the grille and interior components visible through the grille. Ensure no debris obstructs the airflow.

Do not attempt to lubricate the fan motor or any other internal components. This heater is designed for minimal user maintenance beyond cleaning.

7. TROUBLESHOOTING

If your Qmark CWH3404F 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; tripped circuit breaker; manual reset thermal protector tripped.	Check circuit breaker. Ensure power switch is on. If thermal protector tripped (due to blockage), remove obstruction, allow to cool, and manually reset.
Heater produces no heat, but fan runs.	Heater is in fan-only mode; heating element failure.	Check controls to ensure heat mode is selected. If problem persists, contact a qualified electrician for inspection.
Heater is noisy or rattling.	Normal fan operation; loose components; debris in fan.	Fan-forced heaters produce some operational noise. If excessive, disconnect power and inspect for loose components or debris. Contact support if noise is unusual or persistent.
Heater cycles on and off frequently.	External thermostat setting; improper sizing for room; airflow obstruction.	Adjust external thermostat settings. Ensure no airflow obstructions. Consult an HVAC professional for proper sizing if cycling is constant.

For issues not listed above or if solutions do not resolve the problem, contact a qualified service technician or Qmark customer support.

8. SPECIFICATIONS

Detailed technical specifications for the Qmark CWH3404F Wall Heater:

Attribute	Specification
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Attribute	Specification
Brand	Qmark
Model Number	CWH3404F
Heat Output	4000 Watts
Voltage	240 Volts
Amperage	16.67 Amps
Fuel Type	Electric
Mounting Type	Wall Mount (Recessed)
Product Dimensions (D x W x H)	30"D x 8"W x 6"H (Note: These dimensions appear to be shipping or package dimensions. Actual unit dimensions for recessing may vary. Refer to installation guide.)
Item Weight	21.5 pounds
Special Feature	Overheat Protection
Color	White
Indoor/Outdoor Usage	Indoor

9. WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the warranty card included with your product or visit the official Qmark website. Warranty terms and conditions may vary.

If you require technical assistance, replacement parts, or have questions not covered in this manual, please contact Qmark customer support directly. Have your model number (CWH3404F) and purchase date available when contacting support.

Manufacturer: QMark