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Eemax HA024240

Eemax HA024240 Electric Tankless Water Heater User Manual

Model: HA024240

1. Introduction

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Eemax HA024240 Electric Tankless Water Heater. Please read all instructions carefully before installation and use. Retain this manual for future reference.
The Eemax HA024240 is designed to provide on-demand hot water, offering energy efficiency and space-saving benefits compared to traditional tank water heaters.

2. Safety Information

WARNING: Improper installation, adjustment, alteration, service, or maintenance can cause property damage, injury, or death. Read the installation, operating, and maintenance instructions thoroughly before installing or servicing this equipment.

- This appliance must be installed by a qualified electrician and plumber in accordance with all national and local electrical and plumbing codes.
- Ensure the electrical supply matches the unit's requirements (240 Volts, 24 Watts).
- Do not operate the unit if any part is submerged in water. Immediately contact a qualified service technician to inspect the appliance and replace any part of the control system that has been submerged.
- Before performing any service or maintenance, disconnect all power to the unit at the main electrical panel.
- Avoid setting the water temperature too high to prevent scalding.

3. Setup and Installation

Professional installation is highly recommended for this electric tankless water heater to ensure proper function and safety.

3.1 Unpacking

Carefully remove the unit from its packaging. Inspect for any shipping damage. Do not install a damaged unit.

3.2 Mounting

The Eemax HA024240 is designed for wall mounting. Select a suitable location that is protected from freezing temperatures and easily accessible for maintenance. Ensure the wall can support the weight of the unit when filled with water.

Figure 1: Angled view of the Eemax HA024240 unit, showing its compact design and side mounting brackets.

3.3 Plumbing Connections

Connect the cold water inlet and hot water outlet to the appropriate plumbing lines. Ensure all connections are secure and leak-free. Use appropriate shut-off valves for isolation.

3.4 Electrical Connections

This unit requires a dedicated 240 Volt electrical circuit. Consult a qualified electrician to ensure proper wiring and circuit breaker sizing. The unit is rated for 24 Watts.

4. Operating Instructions

The Eemax HA024240 features a user-friendly control panel for temperature adjustment.

Figure 2: Front view of the Eemax HA024240, highlighting the digital display and temperature control knob.

4.1 Powering On/Off

To power the unit on or off, press the 'CLICK FOR ON/OFF' button located on the control panel. The digital display will illuminate when the unit is on.

4.2 Setting Temperature

Use the central knob to adjust the desired water temperature. Rotate the knob towards 'LOW' to decrease the temperature or towards 'HIGH' to increase it. The digital display will show the set temperature. The maximum temperature is 140 degrees Fahrenheit.

4.3 Temperature Unit Selection (C/F)

To switch between Celsius and Fahrenheit display, press the 'C/F' button located below the power button.

5. Maintenance

Regular maintenance helps ensure the longevity and efficient operation of your water heater.

- **Annual Inspection:** It is recommended to have a qualified technician inspect the unit annually for any signs of wear, leaks, or electrical issues.
- **Cleaning:** Keep the exterior of the unit clean and free from dust and debris. Use a soft, damp cloth for cleaning. Do not use abrasive cleaners or solvents.
- **Water Quality:** In areas with hard water, periodic descaling may be necessary to maintain efficiency. Consult a professional for descaling procedures.
- **Leak Checks:** Periodically check all plumbing connections for any signs of leaks. Address any leaks immediately to prevent water damage and potential electrical hazards.

6. Troubleshooting

This section addresses common issues you might encounter. For problems not listed here or if solutions do not resolve the issue, contact a qualified technician.

- **No Hot Water:**
  - Check if the unit is powered on.
  - Verify the circuit breaker for the unit has not tripped.
  - Ensure water flow is sufficient to activate the heater.
- **Inconsistent Water Temperature:**
  - Check the set temperature on the control panel.
  - Ensure the incoming water temperature is within the unit's operating range.
  - Verify that multiple hot water fixtures are not running simultaneously, exceeding the unit's flow capacity.
- **Unit Making Unusual Noises:**
  - Loud noises can indicate sediment buildup or air in the lines. Contact a professional for inspection.
- **Water Leakage:**
  - Immediately turn off the water supply and electrical power to the unit.

- Inspect plumbing connections for loose fittings.
- If the leak is from within the unit, contact a qualified technician.

7. Specifications

Feature	Specification
Brand	Eemax
Model Number	HA024240
Product Dimensions	17"W x 17"H
Color	White
Wattage	24 watts
Voltage	240 Volts
Maximum Flow Rate	6 Gallons Per Minute
Maximum Temperature	140 Degrees Fahrenheit
Efficiency	High
Mounting Type	Wall
Item Weight	1 pounds
UPC	091654918384
ASIN	B00J2N2QCG

8. Warranty and Support

For warranty information and technical support, please refer to the documentation provided with your purchase or contact Eemax customer service directly. You may also visit the official Eemax store for more information: Eemax Store.

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