



Whirlpool 121802 Installation Instructions And Use & Care Manual

Residential electric water heater

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Troubleshooting

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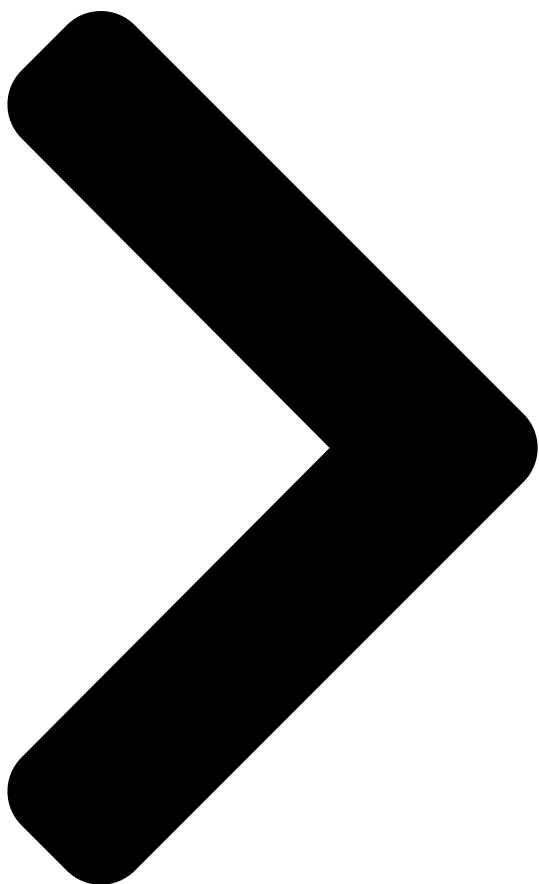
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Residential Electric
Water Heater
Installation
Whirlpool®
Instructions and
Use & Care Guide



To obtain technical, warranty or service assistance during or after the installation of this water heater, call toll free 1-877-817-6750

When calling for assistance, please have the following information ready:

1. Model number
2. 7 Digit product number
3. Serial number
4. Date of installation
5. Place of Purchase

Whirlpool®

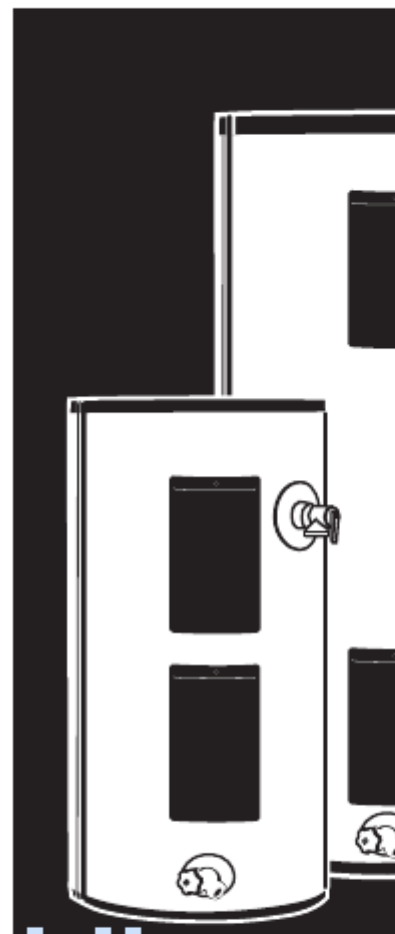
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[Water Heater Whirlpool 12307 Installation Instructions And Use And Care Manual](#)

Gas water heater with the flame lock safety system (28 pages)

[Water Heater Whirlpool 6510374 Installation Instructions And Use And Care Manual](#)

Energy smart gas water heater with the flame lock safety system (28 pages)

[Water Heater Whirlpool E1A30HS035V Installation And Use Manual](#)

Residential electric water heater (16 pages)

[Water Heater Whirlpool W10123243 Installation Instructions And Use & Care Manual](#)

(9 pages)

[Water Heater Whirlpool FG1H5040T3NOV Installation And Use Manual](#)

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Gas water heater with the flame lock (32 pages)

[Water Heater Whirlpool WKL71311Q Instruction Manual](#)

Automatic gas water heater (36 pages)

Summary of Contents for Whirlpool 121802

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Residential Electric Water Heater Installation Instructions and Use & Care Guide To obtain technical, warranty or service assistance during or after the installation of this water heater, call toll free 1-877-817-6750 When calling for assistance, please have the following information ready: 1.

[Page 2: Water Heater Safety](#)

WATER HEATER SAFETY Your safety and the safety of others are very important. We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages. This is the safety alert symbol. This symbol alerts you to potential hazards that can kill or hurt you and others.

[Page 3: Installing Your Water Heater](#)

INSTALLING YOUR WATER HEATER Consumer Information This water heater should be installed in accordance with the local code authority having jurisdiction, the power company or electric utility, and this installation manual. In the absence of local code requirements, follow the regulations set forth in the latest edition of The National Electric Code, NFPA 70.

[Page 4: Location Requirements](#)

Location Requirements Site location Select a location near the center of the water piping system. It must be installed indoors and in a vertical position on a level surface. The water heater should be located in an area not subject to freezing temperatures.

[Page 5: Electrical Requirements](#)

Electrical Requirements WARNING Electric Shock Hazard Disconnect power before servicing. Replace all parts and panels before operating. Failure to do so can result in death or electrical shock. WARNING Fire Hazard Use 10 gauge solid copper wire. Use a UL listed or CSA approved strain relief.

[Page 6: Water System Piping](#)

Water System Piping Piping, fittings, and valves should be installed according to the installation drawing (Figure 6). If the indoor installation area is subject to freezing temperatures, the water piping must be properly insulated. Water supply pressure should not exceed 80% of the working pressure of the water heater.

[Page 7: Temperature And Pressure Relief Valve](#)

Please note the following: • The system should be installed only with piping that is suitable for potable (drinkable) water such as copper, CPVC, or polybutylene. This water heater must not be installed using iron piping or PVC water piping. •...

[Page 8: Installation Checklist](#)

Devices for Hot Water Supply Systems, ANSI Z21.22 - latest edition. This valve must be marked with the maximum set pressure not to exceed the marked maximum working pressure of the water heater. Install the valve into an opening provided and marked for this purpose in the water heater, and orient it or provide tubing so that any discharge from the valve exits only within 6 inches above, or at any distance below, the structural fl...

[Page 9: Operating Your Water Heater](#)

OPERATING YOUR WATER HEATER Before Using 1. Make sure the water heater has been properly installed. See "Installing Your Water Heater" section. 2. Completely fill the tank with water. (See Figure 2) 3. After the water heater tank is completely filled with water, connect electrical power to the water heater.

[Page 10: Adjusting The Thermostat/High Limit Control](#)

Adjusting the Thermostat/High Limit Control This water heater is equipped with one or more adjustable temperature regulating thermostats and a manual reset high limit control. The following procedures must be performed when changing the temperature of the stored water or resetting the high limit control.

[Page 11: Operational Conditions](#)

Operational Conditions Anode Rod/Water Odor Each water heater contains at least one anode rod, which will slowly deplete while protecting the glass-lined tank from corrosion and prolonging the life of the water heater. Once the anode is depleted, the tank will start to corrode, eventually developing a leak.

[Page 12: Temperature And Pressure](#)

MAINTENANCE OF YOUR WATER HEATER Temperature and Pressure Relief Valve WARNING Explosion Hazard If the temperature and pressure relief valve is dripping or leaking, have a qualified person replace it. Examples of a qualified person include: licensed plumbers, authorized gas company personnel, and authorized service personnel.

[Page 13: Troubleshooting Chart](#)

Figure 13 Screws 5. Clean the area where the gasket(s) fits to the tank. If you are replacing the bottom element, remove the accumulated sediment on the bottom of the tank. 6. Make sure the replacement element(s) has the correct voltage and wattage rating by matching it to the rating plate on the water heater.

[Page 14: Parts List](#)

REPAIR PART ILLUSTRATION REPAIR PARTS Repair parts may be ordered through your plumber, local distributor, home improvement center, or by calling 1-877-817-6750. When ordering repair parts always give the following information: 1. Model, serial and product number 2. Item number 3.

[Page 15: Thermostat Wiring Chart And Diagram](#)

INTERLOCKING (NON-SIMULTANEOUS) WIRING FOR DOUBLE ELEMENT HEATER WHIRLPOOL is a registered trademark of Whirlpool, U.S.A. © 2007 Whirlpool Corporation. All rights reserved. Manufactured under license by American Water Heater Company, Tennessee. FUSED DISCONNECT BRANCH CIRCUIT SIZING GUIDE OR CIRCUIT BREAKER NEUTRAL Based on N.E.C.

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