

## STANDARD INFORMATION

**Standard:** UL 174

**Standard ID:** Household Electric Storage Tank Water Heaters [UL 174:2004 Ed.11+R:22Feb2021]

**Previous Standard ID:** Household Electric Storage Tank Water Heaters [UL 174:2004 Ed.11+R:15Sep2020]

## EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

**Effective Date:** **September 30, 2022**

## IMPACT, OVERVIEW, AND ACTION REQUIRED

**Impact Statement:** Per our accreditation, Intertek is required to review reports against the standard revisions to confirm compliance. Once compliance is confirmed, the standard reference in the report is updated to show continued compliance to the technical requirements of the standard.

**Overview of Changes:** Temperature-Regulating Control and Temperature-Limiting Control Requirements. Specific details of new/revisted requirements are found in table below.

***Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.***



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CLAUSE	VERDICT	COMMENT
		<p>Additions to existing requirements are <u>underlined</u> and deletions are shown <del>lined out</del> below.</p>
47	Info	<p><b>Ratings</b></p> <p><b><i>New clause added;</i></b></p> <p>A marking on, or in addition to, the nameplate shall be provided on a cord-connected unit if that unit has a marked ampere rating which exceeds 50 percent of the rating of the branch circuit to which it may be connected in accordance with ANSI/NFPA 70. The marking shall be permanent, in letters not less than 4.8 mm (3/16 inch) high located adjacent to the cord entrance of the product enclosure. This marking shall read: "Use on Single Outlet Circuit Only."</p> <p>Exception: The marking on a unit with a 15 ampere attachment plug may read: "Use on 15 Ampere Single Outlet Circuit or shared 20 Ampere circuit," if the marked rating of the unit does not exceed 10 amperes.</p>
48	Info	<p><b>Warning Notices</b></p> <p><b><i>New clause added;</i></b></p> <p>48.10 A cord- and plug-connected water heater shall be plainly and permanently marked with the word "CAUTION " and the following or the equivalent: A damaged power supply cord must be replaced with one supplied by the unit manufacturer and not repaired.</p>
51	Info	<p><b>Safety Instructions</b></p> <p>The statement "IMPORTANT SAFETY INSTRUCTIONS" or the equivalent shall precede the list, and the statement "SAVE THESE INSTRUCTIONS" or the equivalent shall either precede or follow the list. The word "WARNING" shall be entirely in upper case letters or shall be emphasized to distinguish it from the remainder of the text.</p> <p><b>IMPORTANT SAFETY INSTRUCTIONS</b></p> <p>51.5 WARNING – When using electrical appliances, basic safety precautions to reduce the risk of fire, electric shock, or injury to persons should be followed, including:</p> <ol style="list-style-type: none"><li>1. READ ALL INSTRUCTIONS BEFORE USING THIS WATER HEATER.</li><li>2. This water heater must be grounded. Connect only to properly grounded outlet. See "GROUNDING INSTRUCTIONS" found on (specific page or section to be included).</li></ol>



CLAUSE	VERDICT	COMMENT
		3. Install or locate this water heater only in accordance with the provided installation instructions.
		4. Use this water heater only for its intended use as described in this manual.
		5. Do not use an extension cord set with this water heater. If no receptacle is available adjacent to the water heater, contact a qualified electrician to have one properly installed.
		6. As with any appliance, close supervision is necessary when used by children.
		7. Do not operate this water heater if it has a damaged cord or plug, if it is not working properly, or if it has been damaged or dropped.
		8. This water heater should be serviced only by qualified service personnel. Contact nearest authorized service facility for examination, repair, or adjustment.
		<u>9. Do not use surge protectors or multi-outlet adaptors with this water heater.</u>

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**SAVE THESE INSTRUCTIONS**