

STANDARD INFORMATION

Standard: UL 174

Standard ID: Household Electric Storage Tank Water Heaters [UL 174:2004 Ed.11+R:14Oct2021]

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

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **October 14, 2023**

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. Reports not updated to this version by the effective date above will be withdrawn.

Overview of Changes: Addition of requirements for integral mixing valves. Specific details of new/updated 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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined-out below.</i>
23	Info	Temperature-Regulating Controls
		The temperature-regulating control required by 23.1 shall be set before leaving the factory to a control position corresponding to a water temperature no higher than 51.7°C (125°F).
23.3		<u>Exception: When the water heater is equipped with a thermostatic mixing valve in addition to the temperature regulating control, the factory setting of the water temperature mixing valve shall be no higher than 51.7°C (125°F), and the temperature-regulating control shall be factory set no higher than 60°C (140°F).</u>
		<i>New clause added;</i>
23.4		When the water heater is equipped with a thermostatic mixing valve, the mixing valve shall not be used as the sole means of water temperature regulation to meet the requirements of 23.1, and the mixing valve shall comply with the requirements of ASSE 1017 “Performance Requirements for Temperature Actuated Mixing Valves for Hot Water Distribution Systems” or an equivalent nationally recognized standard.