

STANDARD INFORMATION

Standard: UL 1563

Standard ID: Electric Spas, Equipment Assemblies, and Associated Equipment [UL 1563:2025 Ed.7]

Previous Standard ID: Electric Spas, Equipment Assemblies, and Associated Equipment [UL 1563:2009 Ed.6+R:10Sep2020]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: January 13, 2026

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 Reports not updated to this version by the effective date above will be withdrawn.

This standard contains Functional Safety requirements.

Overview of Changes: Specific details of new/revise requirements are found in table below.

- Addition of requirements for Cold Tubs and Ice Baths
- Addition of requirements for Heaters
- Addition of requirements for Circulation Systems and Filters
- Updates to Instructions
- Addition of requirements for Safety Instructions for Spas

Specific details of new/revise 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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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.



STANDARD INFORMATION

CLAUSE	VERDICT	COMMENT
		Additions to existing requirements are <u>underlined</u> and deletions are shown lined-out below.
8	Info	Component Specifications
8.5		<i>New section added;</i> Heaters
8.5.1		Heaters shall comply to the latest published editions of ANSI-Z21.56 for natural gas application, or UL 1261. Heat pumps shall comply with the latest published edition of UL 1995 or UL 60335-2-40, as it pertains to heat pumps and be evaluated for the application and listed by a laboratory that has been accredited to the latest published edition of the ISO 17025/IEC 17025 standard.
8.6		<i>New section added;</i> Heat pump
8.6.1		A heat pump or water chiller for providing cooled water (may also provide heated water), shall comply with UL 60335-2-40 4th edition, or UL 1995 5th edition.
8.6.2		A heat pump using refrigerant to cool the spa water, shall have double wall piping to reduce risk of spa water entering into refrigerant, and of refrigerant entering into spa water, or shall comply with Section 22, Construction, of UL 60335-2-40, or Clause 26.11 of Section 26, Switches and Controllers, of UL 1995.
8.6.3		Any controls that are part of a heat pump, that are intended for installation where accessible to the occupant of the Cold Spa, shall comply with Section 47, Available Current Test.
8.6.4		A heat pump or chiller that relies on a water flow sensing device to reduce the risk of fire, shall comply with the applicable requirements in 40.4.
8.6.5		A heat pump or chiller that uses flammable or Low Global Warming Potential (GWP) refrigerants is not covered by these requirements.
39		<i>New section added;</i> Temperature Controls
		A Cold Tub shall be provided with the following [both (a) and (b)]:
39.1		a) Temperature regulating control that controls the cooling of the water shall be accurate to the tolerances per Section 36, Temperature Sensing Thermistor Devices. The minimum setting for cooling shall be declared by the spa manufacturer.



CLAUSE	VERDICT	COMMENT
		b) Temperature-Limiting Control that: 1) Limits the water temperature at the inlet to the tub to a maximum not lower than 5 °C (9 °F) lower than the minimum temperature specified by the spa manufacturer in item (a) above; 2) Is in addition to any temperature-regulating control(s); 3) Opens all ungrounded power supply conductors in the cooling circuit; 4) Has a tolerance at the minimum temperature setting of not more than ± 3 °C (± 5 °F); and 5) Shall comply with additional requirements in Section 38, Temperature-Limiting Controls, as applicable.
40	Info	Reduction of Risk of Injury to Persons
		<i>New section added;</i>
40.11		Suction openings for cold tubs
40.11.1		A Cold Tub shall comply with 40.10, as applicable.
40.11.2		As an alternative to 40.11.1, a Cold Tub with low flow water recirculation or filtration only and not provided with high flow jet pump(s) and massage jets, for example with a single skimmer with vacuum break that complies with 40.10.8 and 40.10.9, may be considered acceptable.
		<i>New section added;</i>
		Circulation Systems and Filters
41		Complete circulation: A circulation system consisting of pumps, piping, return inlets, suction outlets, filters and other necessary equipment shall be provided for circulation of water throughout the spa or swim spa. See standard for details.
53	Info	Temperature Test
		<i>New clause added;</i>
53.11		For a spa that heats the water, the regulating control shall be set at maximum, and the unit is to be operated until constant temperatures are attained. For a cold tub that only cools the water, the regulating control shall be set at the minimum water temperature setting. For a spa that heats and cools the water, the test shall be conducted with the regulating control at minimum cool setting and again at maximum heat setting.
		<i>New clause added;</i>
53.12		Any blower shall not be operating and any air induction control shall be closed during the test to determine maximum water temperatures, but shall be operating during the normal temperature test. A blower that heats the water, if provided, shall be operating during the entire test.




CLAUSE	VERDICT	COMMENT
54	Info	Water Temperature Test
54.1		<p>To determine compliance with 37.1, the unit is to be operated as described in the Temperature Test, Section 53. Results are in compliance when:</p> <p>a) The maximum water temperature at any suction fitting or skimmer does not exceed 43 °C (109 °F);</p> <p>b) The maximum water temperature at any water inlet to the tub does not exceed 50 °C (122 °F);</p> <p>c) The temperature-limiting control does not operate; and</p> <p><u>d) For spas that cool the water, while in cool mode set to lowest (coldest) setting, the water temperature shall not be lower than that of the minimum setting on the user control.</u></p>
74	Info	Temporary Markings for Spas

Figure 74.1 has been updated. New figure shown below:

Temporary Marking for Spas

Figure 74.1

 WARNING ^a
REDUCE THE RISK OF ELECTROCUTION ^b 1. Never place an electric appliance within 5 feet of spa. ^c
REDUCE THE RISK OF CHILD DROWNING ^b 1. Supervise children at all times. ^c 2. Attach spa cover after each use. ^c
REDUCE THE RISK OF OVERHEATING and EFFECTS OF COLD WATER IMMERSION ^b 1. Check with a doctor before use if pregnant, diabetic, in poor health, or under medical care. ^c 2. Exit immediately if uncomfortable, dizzy, shivering, or sleepy. Spa heat can cause hyperthermia and unconsciousness. Sudden or Prolonged exposure to cold water immersion can cause hypothermia and related injuries. ^c 3. Spa heat or immersion in cold water in conjunction with alcohol, drugs, or medication can cause unconsciousness. ^c
WHEN PREGNANT ^b , soaking in hot/cold water for long periods can harm your fetus. Measure water temperature before entering. ^c 1. Do not enter spa if water is hotter than 100° F _c (38° C). ^c 2. Do not stay in spa for longer than 10 minutes. ^c
This marking is to be removed only by the owner after Safety Sign is installed. ^c

Signal Word – Black Lettering/Orange Background

Safety Alert Symbol – Black Triangle/Orange Exclamation Point

a Letter height shall not be less than 3/8 inch (9.5 mm).

b Letter height shall not be less than 3/16 inch (4.8 mm).

c Letter height shall not be less than 1/8 inch (3.2 mm).




CLAUSE	VERDICT	COMMENT
75	Info	Additional Markings

Figure 75.1 has been updated. New figure shown below:

Marking for Equipment Assemblies

Figure 75.1

 WARNING ^a
REDUCE THE RISK OF ELECTROCUTION ^b 1. Never place an electric appliance within 5 feet of spa. ^c
REDUCE THE RISK OF CHILD DROWNING ^b 1. Supervise children at all times. ^c 2. Attach spa cover after each use. ^c
REDUCE THE RISK OF OVERHEATING and EFFECTS OF COLD WATER IMMERSION ^b 1. Check with a doctor before use if pregnant, diabetic, in poor health, or under medical care. ^c 2. Exit immediately if uncomfortable, dizzy, shivering, or sleepy. Spa heat can cause hyperthermia and unconsciousness. Sudden or Prolonged exposure to cold water immersion can casue hypothermia and related injuries. ^c 3. Spa heat or immersion in cold water in conjunction with alcohol, drugs, or medication can cause un consciousness. ^c
WHEN PREGNANT ^b , soaking in hot/cold water for long periods can harm your fetus. Measure water temperature before entering. ^c 1. Do not enter spa if water is hotter than 100° F (38° C). ^c 2. Do not stay in spa for longer than 10 minutes. ^c

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	Info	INSTRUCTIONS
76	Info	General
76.9		A spa and an equipment assembly shall include instructions that inform the user how to adjust the temperature regulating control to select a water temperature, how to check the water temperature with an accurate thermometer, that prolonged immersion in hot water may induce hyperthermia, <u>and prolonged immersion in cold water may induce hypothermia</u> . A description of the causes, symptoms, and effects of hyperthermia/hypothermia, such as that provided in 76.10, shall also be included.



CLAUSE	VERDICT	COMMENT
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New clause added;


76.11

The causes, symptoms, and effects of hypothermia may be described as follows:
"Hypothermia occurs when the internal temperature of the body reaches a level several degrees below the normal body temperature of 98.6 °F (37 °C). The symptoms of hypothermia include, but not limited to, shivering, slurred speech or mumbling, slow, shallow breathing, weak pulse, clumsiness, drowsiness, confusion, unconsciousness, and bright red, cold skin (in infants). The effects of hypothermia include failure of the nervous system, respiratory system and heart; failure to recognize the need to exit spa or cold tub; unawareness of impending hazard; fetal damage in pregnant women; physical inability to exit the spa or cold tub; and unconsciousness resulting in the danger of drowning. WARNING – The use of alcohol, drugs, or medication can greatly increase the risk of fatal hypothermia."

Figure 75.1 has been updated. New figure shown below:

Safety Sign for Spas

Figure 76.1

 WARNING ^a
REDUCE THE RISK OF ELECTROCUTION ^b 1. Never place an electric appliance within 5 feet of spa. ^c
REDUCE THE RISK OF CHILD DROWNING ^b 1. Supervise children at all times. ^c 2. Attach spa cover after each use. ^c
REDUCE THE RISK OF OVERHEATING and EFFECTS OF COLD WATER IMMERSION ^b 1. Check with a doctor before use if pregnant, diabetic, in poor health, or under medical care. ^c 2. Exit immediately if uncomfortable, dizzy, shivering, or sleepy. Spa heat can cause hyperthermia and unconsciousness. Sudden or Prolonged exposure to cold water immersion can cause hypothermia and related injuries. ^c 3. Spa heat or immersion in cold water in conjunction with alcohol, drugs, or medication can cause unconsciousness. ^c
WHEN PREGNANT, ^b soaking in hot/cold water for long periods can harm your fetus. Measure water temperature before entering. ^c 1. Do not enter spa if water is hotter than 100° F (38° C). ^c 2. Do not stay in spa for longer than 10 minutes. ^c

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New clause added;

76.16

The Instruction Manual shall include the following phrase or equivalent, "This product shall be installed in accordance with local codes."



CLAUSE	VERDICT	COMMENT
		<i>New clause added;</i>
76.17		The spa or swim spa manufacturer shall provide instructions that the spa or swim spa shall be secured to protect against unauthorized access per local codes.
		<i>New clause added;</i>
76.18		The spa or swim spa manufacturer shall provide instructions that the spa or swim spa water shall be tested and treated in accordance with local codes. NOTE: For Pool and Hot Tub Water Sanitation, see Uniform Swimming Pool, Spa and Hot Tub Code, Chapter 5 - Water Quality.
77	Info	Important Safety Instructions
77.3	Info	Spas
		A spa shall be additionally provided with the following important safety instructions: 11. WARNING – To reduce the risk of injury: <u>g) Important Safety Instructions should additionally state the following, or the equivalent: "This cold spa enables the user to determine the temperature and duration for which they are immersed in the spa. Before using a cold spa, you should always ask a qualified professional if use of this spa is safe and appropriate for you."</u> <u>13. For spa/hot tubs installed indoors, care should be taken to ensure adequate ventilation for the indoor space, to avoid undesired build of humidity due to spa water. For additional information on ventilation/humidity guidelines see the ASHRAE Handbook, HVAC Applications, I-P Edition, 4.5, 4.6, and 4.7.)</u> <u>14. Spas that include gas-burning heating components, shall be installed in accordance with NFPA 54 or other local codes.</u> <u>15. SAVE THESE INSTRUCTIONS</u>
77.3.1		