



**Summary of Substantive Changes
between the updates dated August 25, 2011 and July 30, 2012
of
UL 1563 “Electric Spas, Equipment Assemblies,
and Associated Equipment”
(6th edition, dated July 16, 2009)**

Presented to the IAPMO Standards Review Committee on August 13, 2012

General: The changes to this standard should not impact currently listed products. The major changes are:

- Removed the requirement that an electronic motor drive be integral to the pump (Section 32.1.2).
- Clarified that the special heater control settings are for periodic use only, requiring user input each time the settings are intended to be activated (Section 35.3).
- Clarified the requirements for skimmers (Section 38.9).
- Replaced the referenced standard ASME A112.19.8-2007 with the standard APSP-16 which superseded ASME A112.19.8.

Section 32.1.2: Removed the requirement that an electronic motor drive be integral to the pump as follows:

Electronic motor drives, ~~if provided, shall be integral to the pump. They shall be suitable for the pump voltage and current rating and shall comply with the Standard for Power Conversion Equipment, UL 508C.~~

Section 35.3, User controls – special temperature settings: Clarified that the special heater control settings are for periodic use only as follows:

Section 35.3.2:

The maximum special temperature setting shall correspond to an operating temperature value of no more than 41 °C (106°F) and shall only be obtained through a special input to the control by the user ~~input~~. The user actuation mechanism shall be such that it is highly unlikely these settings could be accidentally accessed.

Section 35.3.3:

The maximum operating temperature value of the water temperature-regulating control shall reset to 40 °C (104°F) if the user reduces the setting to one corresponding to 40 °C or less.

Section 38.9: Added the following section to clarify the requirements for skimmers;

Skimmers shall be of such a design that it is unlikely all openings could be simultaneously blocked. Skimmers shall have additional openings in the skimmer design or in the plumbing system that vent to the atmosphere should the main intake become blocked.