

Subject 1812

June 4, 2018

SUMMARY OF TOPICS

The following changes in requirements to the Standard For Safety For Ducted Heat Recovery Ventilators, UL 1812, are being proposed:

1. Revisions to the Control Requirements

STP BALLOTS AND ALL COMMENTS DUE: July 4, 2018

UL's goal is to have no interest category comprise more than one-third of the STP membership balance. To improve the current balance for STP 1812, UL is looking for participants in the Supply Chain, Commercial/Industrial User, AHJ, Government, International Delegate and Consumer interest categories. Definitions for these interest categories are available on the Standards STP Internet site:

<http://ulstandards.ul.com/develop-standards/participation/interest-categories/>

If you are interested in applying for STP 1812 membership or are aware of potential candidates for this STP, please contact the STP Project Manager, wilbert.fletcher@ul.com

For your convenience in review, proposed additions to existing requirements are shown underlined and proposed deletions are shown ~~lined-out~~.

1. Revisions to the Control Requirements

RATIONALE

Proposal submitted by: BRIAN J. RODGERS, Underwriters Laboratories Inc. Name, Company

After October 2018, UL 873 (Standard for Safety for Temperature-Indicating and -Regulating Equipment) will be withdrawn and replaced by the UL 60730 series of standards (Standard for Safety for Automatic Electrical Controls for Household and Similar Use).

PROPOSAL

28.1.2.2 Thermal cutoffs shall comply with the Standard for Thermal-Links – Requirements and Application Guide, UL 60691. A manual or automatic resetting thermal protector shall have an endurance rating of not less than 6000 cycles and shall comply with the requirements pertaining to the calibration of temperature limiting controls specified in the Standard for Automatic Electrical Controls – Part 1: General Requirements, UL 60730-1 and the Standard for Automatic Electrical Controls – Part 2-9: Particular Requirements for Temperature Sensing Controls, UL 60730-2-9

**UL COPYRIGHTED MATERIAL –
NOT AUTHORIZED FOR FURTHER REPRODUCTION OR
DISTRIBUTION WITHOUT PERMISSION FROM**



Documents
Document Sharing Hub

~~Exception: A control that complies with the Standard for Automatic Electrical Controls – Part 1: General Requirements, UL 60730-1 and the Standard for Automatic Electrical Controls – Part 2-9: Particular Requirements for Temperature Sensing Controls, UL 60730-2-9, is considered to fulfill the requirements of the Standard for Temperature-Indicating and -Regulating Equipment, UL 873.~~

29.11 A motor controller complying with the following is considered to fulfill the construction and rating for the application requirements of this Standard:

- a) The Standard for Industrial Control Equipment, UL 508,
- b) The Standard for Power Conversion Equipment, UL 508C,
- c) The Standard for Automatic Electrical Controls – Part 1: General Requirements, UL 60730-1 and the Standard for Automatic Electrical Controls – Part 2-9: Particular Requirements for Temperature Sensing Controls, UL 60730-2-9, or
- d) ~~The Standard for Temperature-Indicating and -Regulating Equipment, UL 873.~~

30.2.1 A control, other than as specified in 30.3 – 30.4, shall comply with the requirements in the:

- a) ~~Standard for Temperature-Indicating and -Regulating Equipment, UL 873;~~
- b) Standard for Automatic Electrical Controls – Part 1: General Requirements, UL 60730-1; or
- c) Standard for Programmable Controllers – Part 2: Equipment Requirements and Tests, UL 61131-2, or
- d) The alternate circuits requirements of Section 57.

30.3.1 A control used to start, stop, regulate or control the speed of a motor shall comply with the requirements in the:

- a) ~~Standard for Temperature-Indicating and -Regulating Equipment, UL 873;~~
- b) Standard for Industrial Control Equipment, UL 508;
- c) Standard for Power Conversion Equipment, UL 508C;
- d) Standard for Automatic Electrical Controls – Part 1: General Requirements, UL 60730-1;
- e) Standard for Solid-State Fan Speed Controls, UL 1917; or
- f) Standard for Solid-State Controls for Appliances, UL 244A.
- g) The alternate circuits requirements of Section 57.