

## STANDARD INFORMATION

This SUN establishes the continuing certification and withdrawal of UL 60730-2-13A 1<sup>st</sup> Edition / UL 873 12<sup>th</sup> Edition and introduces UL 60730-2-13 as the superseding standard.

**Superseded Standard Number:** UL 60730-2-13A & UL 873

**Superseded Standard Name:** Automatic Electrical Controls for Household and Similar Use; Part 2: Particular Requirements for Humidity Sensing Controls, 1<sup>st</sup> Edition Dated February 5, 2002 & Temperature-Indicating and -Regulating Equipment, 12<sup>th</sup> Edition Dated November 16, 2007

**Superseding Standard Number:** UL 60730-2-13

**Superseding Standard Name:** Automatic Electrical Controls for Household and Similar Use; Part 2: Particular Requirements for Humidity Sensing Controls, 2<sup>nd</sup> Edition, Dated July 1, 2014

## EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

**Effective Date:** **No action is required for currently certified products to maintain certification.**

**This SUN is being presented to assist users of the standard to appreciate the significance of the changes made to the standard that will apply should the product described be modified after August 31, 2019.**

## IMPACT, OVERVIEW, AND ACTION REQUIRED

**Impact Statement:** A review of all Listing Reports is necessary to determine which products comply with new/revised requirements and which products will require re-evaluation. **NOTE:** Effective immediately, this revised standard will be exclusively used for evaluation of new products unless the Applicant requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revised requirements.

**Overview of Changes:** UL 60730-2-13A 1st Edition / UL 873 12th Edition are being withdrawn by UL and replaced by UL 60730-2-13, which is an adoption of the second edition of IEC 60730-2-13.

**If the applicable requirements noted in the table are not described in your report(s), these requirements will need to be confirmed as met and added to your report(s) such as markings, instructions, test results, etc. (as required).**

### Client Action Required:

**Information** – To assist our Engineer with review of your Listing Reports, please submit technical information in response to the new/revised paragraphs noted in the attached or explain why these new/revised requirements do not apply to your product (s).

***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
<i>Additions to existing requirements are <u>underlined</u> and deletions are shown <del>lined out</del> below.</i>		
17	Info	<b>Endurance</b>
17.8	Info	<b>Test of automatic action at accelerated rate</b>
<b><i>New clause added;</i></b>		
17.8.4.101 DV D2		<p>Modification of 17.8.4.101 of the Part 2 by adding the following sentence to the note:</p> <p>In the USA, the values in clause AA.2 of Annex AA apply for the testing of INDEPENDENTLY MOUNTED, FREE STANDING and cord-connected humidity SENSING CONTROLS in Clause 17. Unless otherwise specified in the appropriate equipment standard, the values in clause AA.2 also apply for INTEGRATED and INCORPORATED CONTROLS.</p>
23	INFO	<p>Renamed:</p> <p><b>From:</b> Radio interference suppression  <b>To:</b> Electromagnetic compatibility (EMC) requirements – emission</p>
26	INFO	<p>Renamed:</p> <p><b>From:</b> OPERATION with mains borne perturbations, magnetic, and electromagnetic disturbances  <b>To:</b> Electromagnetic compatibility (EMC) requirements – immunity</p>
<del>Annex C</del>		<del>Deleted</del>
<del>Annex D</del>		<del>Deleted</del>
Annex H	Info	<b>Requirements for electronic controls</b>
H.11	Info	<b>Constructional requirements</b>
H.11.12		<b><u>Controls using software</u></b>
H.11.12.8		<u>Replace the explanatory paragraph by the following:</u>
	Info	<u>The values declared in Table 7.2, requirement 71, may be given in the applicable appliance standard.</u>
H.11.12.8.1		<u>H.11.12.8.1 Add, at the end of this subclause, the following explanatory paragraph:</u>
	Info	<u>The values declared in Table 7.2, requirement 72, may be given in the applicable appliance standard.</u>



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		<p><del>For integrated and incorporated electronic controls, the tests of this clause may be carried out under declared conditions if so requested by the manufacturer.</del></p>
H23.1.2	Info	<p><u>Integrated and incorporated electronic humidity sensing controls are not subjected to the tests of this subclause, as the results of these tests are influenced by the incorporation of the humidity sensing control into the equipment and the use of measures to control emissions used therein. They may, however, be carried out under declared conditions if so requested by the manufacturer.</u></p>
H.26	Info	<p><b>Electromagnetic compatibility (EMC) requirements – immunity</b></p>
H.26.2		<p><u>After each test, one or more of the following criteria shall apply, as permitted in Table H.26.101.</u></p>
H.26.5.4.3		<p><u>The humidity sensing control is subjected to each of the specified voltage test cycles three times with 10 s intervals between each test cycle. For a humidity sensing control declared under requirement 101 of Table 7.2, each test cycle is performed three times when the control is in the declared condition and three times when it is not.</u></p>
H.26.8.3.101		<p>For controls declared under requirement 101 of Table 7.2, three of the tests are performed when the control is in the declared condition and two are performed when it is not.</p> <p><b><u>H.26.8.3.101DV D2 Modification of H.26.8.3.101 of the Part 2 by adding the following clause:</u></b></p> <p><b><u>H.26.8.3.101DV.1 For controls declared under item 101 of Table 7.2, the tests are performed when the control is in the declared condition and when it is not.</u></b></p>
H.26.9.3.101DV		<p><b><u>D2 Modification of H.26.9.3.101 of the Part 2 by adding the following clause:</u></b></p> <p><b><u>H.26.9.3.101DV.1 For controls declared under item 101 of Table 7.2, the tests are performed when the control is in the declared condition and when it is not.</u></b></p>
H.26.10.5.101DV		<p><b><u>D2 Modification of H.26.10.5.101 of the Part 2 by adding the following clause:</u></b></p> <p><b><u>H.26.10.5.101DV.1 For controls declared under item 101 of Table 7.2, the tests are performed when the control is in the declared condition and when it is not.</u></b></p>
H.26.12		<p>Radio-frequency electromagnetic field immunity</p>
H.26.12.2		<p>Immunity to conducted disturbances</p>

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		<u>Test procedure</u>
H.26.12.2.2		<u>Addition:</u> <u>For controls declared under requirement 101 of Table 7.2, sweeping is performed when the control is in the declared position and when it is not.</u>
		<u>Radiated electromagnetic fields immunity evaluation</u>
H.26.12.3		<u>Additional subclause:</u> <u>H.26.12.3.101 For controls declared under requirement 101 of Table 7.2, sweeping is performed when the control is in the declared condition and when it is not.</u>
H.26.12.4		<b><u>Power frequency magnetic field immunity test</u></b>
		<u>Test procedure</u>
H.26.12.4.3		<u>Addition:</u> <u>For controls declared under requirement 101 of Table 7.2, the test shall be performed when the control is in the declared condition and when it is not.</u>
H.26.12.5		<b><u>Evaluation of compliance</u></b>
H.26.12.5.2		<u>Addition:</u> <u>See Table H.26.2.101 for compliance criteria.</u>
H.26.12.5.4		<u>Addition:</u> <u>See Table H.26.2.101 for compliance criteria.</u>
Annex AA		<b><u>Number of cycles</u></b>
AA.2	Info	<b><u>Minimum number of cycles for independently mounted and in-line cord controls (applicable in Canada and the USA)</u></b>
AA.2DV		<b><u>D2 Modification of this table by adding the following Note:</u></b>  <b><u>Note: In the U.S.A., these minimum number of cycles also apply for INDEPENDENTLY MOUNTED, IN-LINE CORD, FREE-STANDING CONTROL, INTEGRATED, and INCORPORATED HUMIDITYSENSING CONTROLS.</u></b>
Annex 13.DVE		<b><u>Manufacturing and Production Tests</u></b>  This annex of Part 1 is applicable.

**CUSTOMERS PLEASE NOTE:** This Table and column “Verdict” can be used in determining how your current or future production is or will be in compliance with new/revised requirements.