

STANDARD INFORMATION

Standard: UL 1815

Standard ID:

Nonducted Heat Recovery Ventilators [UL 1815:2012 Ed.5+R:05Jan2024]

Previous Standard ID:

Nonducted Heat Recovery Ventilators [UL 1815:2012 Ed.5+R:07Dec2021]

Nonducted Heat Recovery Ventilators [UL 1815:2012 Ed.5+R:21Apr2021]

Nonducted Heat Recovery Ventilators [UL 1815:2012 Ed.5+R:19Jul2018]

Nonducted Heat Recovery Ventilators [UL 1815:2012 Ed.5+R:06Jun2017]

Nonducted Heat Recovery Ventilators [UL 1815:2012 Ed.5+R:17Apr2014]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **January 5, 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 Reports not updated to this version by the effective date above will be withdrawn.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.

All listing must be certified to the January 5th, 2024 revision of UL 1815 prior to the effective date.

The following changes reflect all of the technical changes between UL 1815:2012 Ed.5+R:17Apr2014 and UL 1815:2012 Ed.5+R:05Jan2024:

Overview of Changes:

- New requirements for attachment plugs
- New requirements for clearance and creepage distances
- New requirements for the evaluation of electronic circuits

Specific details of new/ revised 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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined-out below.</i>
8	Info	Attachment Plugs, Receptacles, Connectors, and Terminals <i>New clauses added;</i>
8.1A		The attachment plug of the power supply cord of an appliance provided with a 15- or 20-ampere general-use convenience receptacle shall be of the 3-wire grounding type. The attachment plug of the power supply cord of all other appliances not required to be grounded shall be polarized or of the grounding type.
32A		<i>New section added;</i> Clearance and Creepage Distances
32A.1		As an alternative approach to the spacing requirements specified in Spacings, Section 32, and other than as noted in 32A.3, clearances and creepage distances may be evaluated in accordance with the requirements in the Standard for Insulation Coordination Including Clearance and Creepage Distances for Electrical Equipment, UL 840, as described in 32A.3.
32A.2		The clearance and creepage distance at field wiring terminals shall be in accordance with the requirements in Spacings, Section 32.
32A.3		In conducting evaluations in accordance with the requirements in the Standard for Insulation Coordination Including Clearance and Creepage Distances for Electrical Equipment, UL 840, the following guidelines in Table 37.1– Table 37.3 shall be used.
37A – 37K		<i>New sections added;</i> 37A General 37B Components 37C Identification of Safety Critical Circuit Functions 37D Evaluation of the Different Types of Electronic Circuits 37E Circuits that Provide Safety Critical Functions 37F General Conditions for the Tests 37G Low-Power Circuits



CLAUSE	VERDICT	COMMENT
		37H Abnormal Operation and Fault Tests
		37I Programmable Component Reduced Supply Voltage Test
		37J Electromagnetic Compatibility (EMC) Requirements – Immunity
		37K Manufacturing and Production and Line Testing
