

STANDARD INFORMATION

Standard: UL 1812

Standard ID: Ducted Heat Recovery Ventilators [UL 1812:2013 Ed.4+R:15Apr2024]

Previous Standard ID: Ducted Heat Recovery Ventilators [UL 1812:2013 Ed.4+R:03May2022]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **April 15, 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 Reports not updated to this version by the effective date above will be withdrawn.

Overview of Changes:

- Ducted Heat-Recovery Ventilators Incorporating Electrostatic Air Cleaning Functions
- Ducted Heat-Recovery Ventilators Incorporating Refrigerant and Water Coils
- Requirements for Calculating and Marking Minimum Circuit Ampacity and Maximum Overcurrent Protection
- Electric Heat and Temperature Updates
- Requirements for Power Supplies without Grounding Conductor

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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.



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CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined-out below.</i>
6	Info	General <i>New clause added;</i>
6.10		Each ducted heat-recovery ventilator incorporating electrostatic air cleaning functions shall be constructed and tested in accordance with the Standard for Electrostatic Air Cleaners, UL 867.
7	Info	Attachment Plugs, Receptacles, Connectors, and Terminals
7.1A		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.
16	Info	Bonding for Grounding
		A power-supply cord of an appliance <u>for use on a circuit operating at a potential of more than 150 volts to ground</u> shall include an equipment-grounding conductor.
16.7		<u>Exception: Appliances with no parts requiring electrical continuity in accordance with 16.1, and having no dead metal parts likely to become energized which are in contact with water, are not required to be provided with an equipment grounding conductor.</u>
		<i>New clause added;</i>
16.7A		A cord-connected appliance provided with double insulation in accordance with the Standard for Double Insulation Systems for Use in Electrical Equipment, UL 1097, is not required to be provided with an equipment-grounding conductor. Also see 7.1A.
		<i>New section added;</i>
16A		Refrigerant, Hot Water, and Steam Coils Refrigerant-containing components shall comply with the following: See standard for details.



CLAUSE	VERDICT	COMMENT
		<i>New section added;</i>
		Electric Heaters
34B		An electric heater intended to be used with a unit shall be tested with the unit in accordance with these requirements
		See standard for details.
		<i>New sections added;</i>
		57A Strength Tests
		57B Fatigue Test Analysis
		57C Electric Heater Tests
		57D Backup Protection Tests
		57E Fan Delay Test – Duct-connected Downflow and Horizontal Units
		See standard for details.
		<i>New sections added;</i>
		59A Pressure Tests for Leakage and Strength
		59B Production Fatigue Tests
		59C Single Overall Ampere Rating
		59D Branch Circuit Selection Current Rating
		59E Determination of Rating
		59F Minimum Circuit Ampacity
		59G Rating of Overcurrent Protective Devices
		See standard for details.