

STANDARD INFORMATION

Standard: UL 60335-2-72 / CSA C22.2 No. 60335-2-72

Standard ID:

Household and Similar Electrical Appliances - Safety - Part 2-72: Particular Requirements for Floor Treatment Machines with or without Traction Drive, for Commercial Use [UL 60335-2-72:2021 Ed.2]

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Previous Standard ID:

Household and Similar Electrical Appliances - Safety - Part 2-72: Particular Requirements for Floor Treatment Machines with or without Traction Drive, for Commercial Use [UL 60335-2-72:2017 Ed.1+R:08Nov2019]

Household and Similar Electrical Appliances - Safety - Part 2-72: Particular Requirements for Floor Treatment Machines with or without Traction Drive, for Commercial Use [CSA C22.2#60335-2-72:2017 Ed.1+U1]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **June 4, 2023**

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 Reports not updated to this version by the effective date above will be withdrawn.

UL 60335-2-72 is to be used in conjunction with the sixth edition of UL 60335-1.

CSA C22.2 No. 60335-2-72 is to be used in conjunction with the second edition of CSA C22.2 No. 60335-1.

Overview of Changes:

- Revised in general and updated regarding state-of-the-art, as far as necessary
- the markings and instructions have been revised

Specific details of new/revise 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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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>
7	Info	Marking and instructions Modification: Replace the 4th paragraph by the following text. This machine is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge. 7.12 Addition: The front cover of the instructions shall include the substance of the following warning: CAUTION Read the instructions before using the machine. This wording may be replaced by symbols ISO 7000-0434 <u>7000-0434A</u> (2004-01) and either ISO 7000-1641 (2004-01) or ISO 7000-0790 (2004-01).
15	Info	Moisture resistance Addition: For the following tests, detachable cords shall be removed. <u>Tanks for the following liquids are excluded from the tests:</u> <u>– hydraulic oil;</u> <u>– coolant;</u> <u>– fuel (diesel, gasoline, LPG).</u> Mains supplied machines including liquid containers, with a GVW up to 100 kg, are tilted with the full container into the most unfavourable horizontal position, and left in this position for 5 min.
22	Info	Construction Addition: Machines shall be so constructed that neither water nor foam from detergents can penetrate into the motor or come in contact with live parts. 22.6 <u>Replacement of the second sentence:</u> <u>The electrical insulation of class II appliances, CLASS II constructions and BLV circuits shall not be affected if a hose ruptures or a seal leaks.</u>



CLAUSE	VERDICT	COMMENT
22.35		<p>Modification:</p> <p><u>Add to "For constructions other than those of CLASS III," the wording "or BLV".</u></p> <p>Addition after the second paragraph:</p> <p>These parts are subject to the hammer test of Clause 21. If this insulation does not meet the requirement of 29.3, these are subject to the following impact test.</p>
22.36		<p><i>New clause added;</i></p> <p>Modification:</p> <p>Add to "For appliances other than those of CLASS III," the wording "or BLV".</p>
22.54		<p><i>New clause added;</i></p> <p>This subclause is not applicable</p>
22.124		<p>Live parts shall be recessed from the face of a battery connector to reduce the possibility of shorting.</p> <p>Compliance is checked by inspection.</p>
25	Info	<p>Supply connection and external flexible cords</p> <p>Replacement:</p> <p>SUPPLY CORDS shall be one of the following types:</p> <ul style="list-style-type: none">– Polychloroprene sheathed Their properties shall be at least those of ordinary polychloroprene sheathed cords (code designation 60245 IEC 57);– Cross-linked polyvinyl chloride sheathed Their properties shall be at least those of cross-linked polyvinyl chloride sheathed cords (code designation 60245 IEC 87);NOTE 101 These cords are suitable for machines when they can come into contact with hot surfaces. Due to the composition of the conductors, the cords are suitable for applications where high flexibility is required.– Polyvinyl chloride sheathed These cords shall not be used if they are likely to touch metal parts having a temperature rise exceeding 75 K during the test of Clause 11. Their properties shall be at least those of ordinary polyvinyl chloride sheathed cord (code designation 60227 IEC 53); polyvinyl chloride sheathed cord (code designation 60227 IEC 57). <p>Compliance is checked by inspection.</p>