



Motor-operated appliances (household and commercial)



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Revision History

C22.2 No. 68-18, Motor-operated appliances (household and commercial)

Update No. 1 — May 2019	Revision symbol (in margin)
Clauses 3 , 5.2.14.5 , 5.24.5 , and 7.22 Table B.1	①

Standards Update Service

***C22.2 No. 68-18
August 2018***

Title: *Motor-operated appliances (household and commercial)*

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C22.2 No. 68-18
Motor-operated appliances
(household and commercial)



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*Published in August 2018 by CSA Group
A not-for-profit private sector organization
178 Rexdale Boulevard, Toronto, Ontario, Canada M9W 1R3*

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ISBN 978-1-4883-1447-6

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Preface

This is the eighth edition of CSA C22.2 No. 68, *Motor-operated appliances (household and commercial)*, one of a series of Standards issued by CSA Group under Part II of the *Canadian Electrical Code*. It supersedes the previous editions, published in 2009, 1992, 1989, 1981, 1976, 1962, and 1942.

This edition updates the 2009 edition of CSA C22.2 No. 68. The major differences include the removal of the requirements for shaving appliances, hair clippers, animal shearers, appliances used for manicure, appliances for hair dressers and similar appliances, food waste disposers and sewing machines, and the addition of requirements for tool cabinets, material moving and transporting devices, and rechargeable battery-operated appliances.

This Standard is considered suitable for use for conformity assessment within the stated scope of the Standard.

This Standard was prepared by the Subcommittee on Electrical Motor and Battery-Operated Cleaning Appliances for Industrial and Commercial Use, under the jurisdiction of the Technical Committee on Consumer and Commercial Products and the Strategic Steering Committee on Requirements for Electrical Safety, and has been formally approved by the Technical Committee.

Interpretations: The Strategic Steering Committee on Requirements for Electrical Safety has provided the following direction for the interpretation of standards under its jurisdiction: “The literal text shall be used in judging compliance of products with the safety requirements of this Standard. When the literal text cannot be applied to the product, such as for new materials or construction, and when a relevant CSA committee interpretation has not already been published, CSA Group’s procedures for interpretation shall be followed to determine the intended safety principle.”

Notes:

- 1) *Use of the singular does not exclude the plural (and vice versa) when the sense allows.*
- 2) *Although the intended primary application of this Standard is stated in its Scope, it is important to note that it remains the responsibility of the users of the Standard to judge its suitability for their particular purpose.*
- 3) *This Standard was developed by consensus, which is defined by CSA Policy governing standardization — Code of good practice for standardization as “substantial agreement. Consensus implies much more than a simple majority, but not necessarily unanimity”. It is consistent with this definition that a member may be included in the Technical Committee list and yet not be in full agreement with all clauses of this Standard.*
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 - d) *rationale for the change.*

C22.2 No. 68-18

Motor-operated appliances (household and commercial)

1 Scope

1.1

This Standard applies to motor-operated appliances* intended for use with nominal system voltages of 600 V and less, except that where appliances are driven by universal-type motors or electromagnetic mechanisms, the scope is limited to appliances rated for use on nominal system voltages of 240 V or less. This Standard applies to appliances designed to be used in accordance with CSA C22.1, *Canadian Electrical Code, Part I*.

* For convenience, the term “appliance” or “equipment” is used in this Standard.

1.2

This Standard applies to permanently connected, cord-connected, and rechargeable battery-operated appliances for household and commercial use in non-hazardous locations.

Note: *The products covered by this Standard include massage appliances, automotive servicing equipment, air compressors, car wash equipment, chairs, beds, exercise appliances, paint sprayers, paint rollers, parts cleaners, household trash compactors, barbecue motors, hand-held engravers, material moving and transporting devices (i.e., hand pallet trucks, electric wheelbarrows), and similar equipment.*

1.3

This Standard applies to sprayers intended for extensive open spraying of cleaning fluids, paint, insecticides, and similar liquids having a flashpoint higher than 60 °C, but excluding electrostatic sprayers and sprayers for use in spray booths or in other areas where hazardous concentrations of flammable vapours are likely to be present.

1.4

Automotive equipment covered by this Standard, such as wheel aligners, engine timing lights, and analyzers, tools cabinets, might or might not have motors.

1.5

Requirements for cord-connected double-insulated appliances are specified in Clause 8.

1.6

Requirements for rechargeable battery-operated appliances are specified in Annex A.

1.7

This Standard does not include requirements for equipment covered by a specific Standard under the *Canadian Electrical Code, Part II* (e.g., drafting tables, pencil sharpeners).