



CSA C22.2 No. 53:68
(reaffirmed 2019)

Electric Washing Machines



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Clause 4.9.2 — Delete Clause 4.9.2, Secondary Insulation.

Date, Effective — January 1, 1970

Date, Mandatory — January 1, 1970

May, 1969
Revision No. 1

C22.2 No. 53-1968

Clause 4.22.1.1 — Revise Clause 4.22.1.1 to read as follows:

“4.22.1.1 There shall be provision for grounding except where cord-connected washing machines are double insulated.”

Date, Effective — January 1, 1970

Date, Mandatory — January 1, 1970

May, 1969
Revision No. 2

C22.2 No. 53-1968

CANADIAN STANDARDS ASSOCIATION
OTTAWA

C22.2 No. 53-1968
ELECTRIC WASHING MACHINES

The attached revision slips covering Clauses 4.9.2 and 4.22.1.1 have been formally approved.

May, 1969

NOTE: This is gummed stock, moisten only where required.

Clause 4.9.2 — Delete Clause 4.9.2, Secondary Insulation.

Date, Effective — January 1, 1970

Date, Mandatory — January 1, 1970

May, 1969

Revision No. 1

C22.2 No. 53-1968

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Date, Effective — January 1, 1970

Date, Mandatory — January 1, 1970

May, 1969

Revision No. 2

C22.2 No. 53-1968

CHANGE IN SCOPE

CSA STANDARD C22.2 NO. 53-1968

CSA Standard C22.2 No. 169, Clothes Washing Machines, replaces the requirements for clothes washing machines and centrifugal extractors published in CSA Standard C22.2 No. 53-1968, Electric Washing Machines.

CSA Standard C22.2 No. 53 therefore applies to dishwashing machines only.

Standards Update Service

CSA C22.2 No. 53:68

July 1968

Title: *Electric Washing Machines*

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Electric Washing Machines



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DATE, EFFECTIVE - JULY 31, 1968*
DATE, MANDATORY - JULY 31, 1968*

***Except as shown in the Preface**

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PREFACE

This is a new edition of No. 53 of a series of Standards issued by the Canadian Standards Association under Part II of the Canadian Electrical Code. It supersedes the first, second, and third editions which were issued in 1939, 1953, and 1963, respectively.

This new edition includes all previously published revisions to the third edition and a number of recently approved revisions not published heretofore.

Clauses 4.19.1, 4.19.2, 4.20.1, 6.7.1, and 6.7.2 are effective and mandatory on January 1, 1970. Clause 4.19.3 is effective on the date of publication and mandatory six months after the date of publication.

This Standard was prepared under the jurisdiction of the Committee on CE Code, Part II, which is subsidiary to the Committee on CE Code, Part I, and was formally approved by these Committees and the CSA Technical Council.

OTTAWA, JULY, 1968

NOTE: *For general information regarding the Standards of the Canadian Electrical Code, Part II, see the preface of the latest issue of CSA Standard C22.2 No. 0, Definitions and General Requirements.*

In order to keep abreast of progress in the electrical industry, these Standards are subject to periodic review. Suggestions for improvement addressed to the General Manager, Canadian Standards Association, 77 Spencer Street, Ottawa 3, will be welcomed at all times. They will be recorded and in due course, brought to the attention of the CSA Committee on Canadian Electrical Code, Part II.

REFERENCE PUBLICATIONS

This publication makes reference to the following and the year dates shown indicate the latest issues available at the time of printing:

- | | |
|--------------------------|--|
| CSA Standards C22.1-1966 | — Canadian Electrical Code, Part I; |
| C22.2 No. 0-1960 | — Definitions and General Requirements; |
| C22.2 No. 0.2-1958 | — Use of Flexible Supply Cords and Fixture Wires with Electric Appliances; |
| C22.2 No. 8-1945 | — Suppressors for Radio Interference; |
| C22.2 No. 11-1957 | — Fractional Horsepower Electric Motors for Other Than Hazardous Locations; |
| C22.2 No. 14-1966 | — Industrial Control Equipment for Use in Ordinary (Non-Hazardous) Locations; |
| C22.2 No. 21-1960 | — Cord Sets and Power-Supply Cords; |
| C22.2 No. 24-1965 | — Temperature-Indicating and -Regulating Equipment; |
| C22.2 No. 43-1965 | — Lampholders Having Socket Screw-Shells; |
| C22.2 No. 54-1966 | — Integral-Horsepower Electric Motors and Generators for Other Than Hazardous Locations; |
| C22.2 No. 55-1957 | — Snap Switches; |
| C22.2 No. 59-1952 | — Fuses (Both Plug and Cartridge-Enclosed Types); |
| C22.2 No. 66-1956 | — Specialty Transformers; |
| C22.2 No. 74-1954 | — Lampholders and Control Equipment for Use with Electric Discharge Lamps; |
| C22.2 No. 77-1957 | — Inherent Overheating Protective Devices for Motors; |
| C22.2 No. 111-1956 | — Manually-Operated General-Purpose A-C Switches; |
| C22.2 No. 112-1964 | — Clothes-Drying Machines; |
| ASTM* Standard D635-63 | — Method of Test for Flammability of Rigid Plastics Over 0.050 Inch in Thickness. |

*American Society for Testing and Materials.

C22.2 No. 53-1968

ELECTRIC WASHING MACHINES

1. SCOPE

1.1 This Standard applies to electrically operated clothes-washing* and dishwashing* machines including such washing machines in combination with other devices (such as combination washing and drying machines*) for potentials of 600 volts or less, intended to be used in accordance with the rules of the Canadian Electrical Code, Part I.

**For convenience only, the short terms "clothes washers", "dishwashers" and "washer-dryers" are used herein.*

1.2 This Standard applies to both cord-connected and permanently connected machines for use in domestic or commercial locations and includes machines provided with coin- or ticket-operated mechanisms, conventional wringer machines, tumbler, agitator and spinner machines, combination washer-dryers, extractors of the centrifugal type and dishwashing machines of the rack and conveyor type.

1.3 This Standard does not cover dry-cleaning equipment.

2. DEFINITIONS

2.1 The following definitions apply in this Standard:

Conventional clothes washers means clothes washers which perform only washing and wringing operations;

Cord-connected means machines which are connected to the electrical supply by a flexible power supply cord;

Permanently connected means machines which are connected to the electrical supply by means of conduit, armoured, or non-metallic-sheathed cable;

Recessed machines means machines which are intended:

- (a) To be supported by the floor;
- (b) To rest against a wall in the rear;
- (c) To rest against a wall, a cabinet, or another appliance on one side; and
- (d) To rest against a cabinet or another appliance on the other side.

A counter top may cover the machine and the adjacent cabinets and appliances. A recessed machine is not intended for permanent attachment to the building structure or to adjacent cabinets or appliances;

Wall-insert machines means machines which are intended to be permanently attached to the building structure and mounted in a wall or other vertical surface of a building or in a cabinet.

3. GENERAL REQUIREMENTS

3.1 Where reference is made to other publications, such references shall be considered to refer to the latest edition approved by the organization issuing that publication.