



CSA C22.2 No. 218.2:15
National Standard of Canada
(reaffirmed 2020)



Hydromassage bathtub appliances



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Hydromassage bathtub appliances



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Preface

This is the second edition of CSA C22.2 No. 218.2, *Hydromassage bathtub appliances*, one of a series of Standards issued by CSA Group under *Part II* of the *Canadian Electrical Code*. It supersedes the previous edition published in 1993.

Changes to this edition include modification to risk of shock hazard, incorporation of extra-low-voltage power supplies, and a general update of the reference standards and clauses affected by the reference standard updates.

For general information on the Standards of the *Canadian Electrical Code, Part II*, see the preface of CAN/CSA-C22.2 No. 0, *General requirements — Canadian Electrical Code, Part II*.

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 Hydro-Massage Spas, Hot Tubs, and Associated Equipment, 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.

This Standard has been developed in compliance with Standards Council of Canada requirements for National Standards of Canada. It has been published as a National Standard of Canada by CSA Group.

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 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.*
 - 4) *To submit a request for interpretation of this Standard, please send the following information to inquiries@csagroup.org and include “Request for interpretation” in the subject line:*
 - a) *define the problem, making reference to the specific clause, and, where appropriate, include an illustrative sketch;*
 - b) *provide an explanation of circumstances surrounding the actual field condition; and*
 - c) *where possible, phrase the request in such a way that a specific “yes” or “no” answer will address the issue.*
- Committee interpretations are processed in accordance with the CSA Directives and guidelines governing standardization and are available on the Current Standards Activities page at standardsactivities.csa.ca.*
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 - a) *Standard designation (number);*

- b) *relevant clause, table, and/or figure number;*
- c) *wording of the proposed change; and*
- d) *rationale for the change.*

CSA C22.2 No. 218.2:15

Hydromassage bathtub appliances

1 Scope

1.1

This Standard applies to hydromassage bathtub appliances and associated accessories for residential and commercial use that are intended to be permanently connected to a plumbing system and building structure, for use indoors in non-hazardous locations, permanently installed in accordance with the Rules of the *Canadian Electrical Code, Part I*, and either

- a) permanently connected to a single- or three-phase branch circuit rated 150 V or less to ground; or
- b) connected by means of a factory installed power supply cord having a 15 A 125 V attachment plug that complies with Clause [9](#) of this Standard.

1.2

This Standard applies to hydromassage bathtub appliances having hydromassage action produced by either air bubble jets or hydraulic jets, or a combination of both.

1.3

This Standard applies to hydromassage bathtubs equipped with an electric immersion heating system.

1.4

This Standard does not apply to

- a) spas, hot-tubs, and associated equipment covered in CSA C22.2 No. 218.1;
- b) portable hydromassage units that are provided with a cord and attachment plug and that are not intended to be permanently connected to the plumbing system;
- c) hydrotherapy bathtubs or patient bathing systems for institutional use; or
- d) hydromassage bathtubs equipped with a radiant water heating system.

1.5

In this Standard, “shall” is used to express a requirement, i.e., a provision that the user is obliged to satisfy in order to comply with the Standard; “should” is used to express a recommendation or that which is advised but not required; “may” is used to express an option or that which is permissible within the limits of the Standard; and “can” is used to express possibility or capability.

Notes accompanying clauses do not include requirements or alternative requirements; the purpose of a note accompanying a clause is to separate from the text explanatory or informative material.

Notes to tables and figures are considered part of the table or figure and may be written as requirements.

Annexes are designated normative (mandatory) or informative (non-mandatory) to define their application.