



Z240 RV Series-14

National Standard of Canada
(reaffirmed 2020)



Recreational vehicles



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Revision History

Z240 RV Series-14, Recreational vehicles

Update No. 1 — January 2020	Revision symbol (in margin)
<p>Preface</p> <p>Z240.0.2-14 Clauses 4.2, 5.4.2, 5.7.7, and 5.7.9</p> <p>Z240.3.2-14 Clause 7.1.1</p> <p>Z240.4.2-14 Clauses 2, 5.5, 5.7.1.2, 5.7.4, and 13.2 Figures 4 and 5</p> <p>Z240.6.2-14/C22.2 No. 148-14 Clauses 5.1.2 and 5.5.1.1</p>	①
Errata — September 2015	Revision symbol (in margin)
<p>Z240.0.2-14 Clauses 5.8.5.4, 5.8.6.1, and 5.8.7.3</p> <p>Z240.1.2-14 Clauses 3, 5.3, and 8.1.4 Figures 2 and 5</p> <p>Z240.3.2-14 Clauses 9.2.1, 9.2.1.4, and 9.2.2</p> <p>Z240.4.2-14 Clauses 9.1, 9.8, 9.9, 9.10, 9.11, 9.12, 9.13, 9.14, 9.15, and 13.2 Figure 5</p>	Δ
National Standard of Canada — January 2020	
Outside front cover, National Standard of Canada text, title page, and preface.	

Standards Update Service

Z240 RV Series-14 December 2014

Title: *Recreational vehicles*

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Z240 RV Series-14 Recreational vehicles



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*ICS 01.040.43; 43.100; 43.040
ISBN 978-1-77139-641-7*

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① Preface

This is the fourth consolidated edition of the CSA Z240 RV Series of Standards, *Recreational vehicles*. It supersedes the previous editions published in 2008, 1999, and 1986.

The majority of changes in this edition are due to the continuing efforts to synchronize the requirements for recreational vehicles in Canada and the United States of America.

Significant changes since the previous edition include the following:

- a) In CSA Z240.0.2, *General requirements for recreational vehicles* (previously published under the title *Definitions and general safety requirements for recreational vehicles*):
 - i) the definition of “recreational vehicle” has been changed, as well as re-naming “folding camping trailers” and “truck campers”;
 - ii) the maximum length of a travel trailer has been clarified;
 - iii) references have been updated;
 - iv) Clause 5.8 has been updated to mirror the changes to NFPA 1192; and
 - v) a number of warning labels have been harmonized with NFPA 1192.
- b) In CSA Z240.1.2, *Vehicular requirements for recreational vehicles*:
 - i) the scope of Clause 5 now includes cables;
 - ii) the tongue load requirement has been removed and a note added;
 - iii) requirements for safety glazing materials have been clarified;
 - iv) a new requirement for pre-shipment checks; and
 - v) requirements for body work and GVWR have been removed.
- c) In CSA Z240.3.2, *Plumbing requirements for recreational vehicles*:
 - i) the requirement for floor area under a water closet has been removed;
 - ii) a new requirement has been added for glazing of shower doors and enclosures;
 - iii) the requirement for road damage has been modified to remove numerical values, and a figure has been added;
 - iv) changes to the venting requirements; and
 - v) new requirements have been added for the water distribution, drain waste, and shower stall tests.
- d) In CSA Z240.4.2, *Installation requirements for propane appliances and equipment in recreational vehicles*:
 - i) a new requirement has been added for maximum container capacities;
 - ii) new requirements have been added for regulators;
 - iii) restrictions for branch outlet joints have been removed; and
 - iv) a number of warning labels have been harmonized with NFPA 1192.
- e) In CSA Z240.6.2/C22.2 No. 148, *Electrical requirements for recreational vehicles*:
 - i) the requirements for placement of panelboard have been clarified; and
 - ii) the requirements for receptacles in cupboards or cabinets have been removed.

CSA Group acknowledges that the development of this Standard was made possible, in part, by the financial support of the Canadian Recreational Vehicle Association.

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These Standards were prepared by the Technical Committee on Recreational Vehicles, under the jurisdiction of the Strategic Steering Committee on Construction and Infrastructure, and have 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.

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.
- 5) *This Standard is subject to review within five years from the date of publication. Suggestions for its improvement will be referred to the appropriate committee. To submit a proposal for change, please send the following information to inquiries@csagroup.org and include “Proposal for change” in the subject line:*
 - a) *Standard designation (number);*
 - b) *relevant clause, table, and/or figure number;*
 - c) *wording of the proposed change; and*
 - d) *rationale for the change.*

National Standard of Canada

Z240.0.2-14

General requirements for recreational vehicles



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*Published in December 2014 by CSA Group
A not-for-profit private sector organization
178 Rexdale Boulevard, Toronto, Ontario, Canada M9W 1R3*

*To purchase standards and related publications, visit our Online Store at store.csagroup.org
or call toll-free 1-800-463-6727 or 416-747-4044.*

*ICS 01.040.43; 43.100; 43.040
ISBN 978-1-77139-641-7*

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Z240.0.2-14

General requirements for recreational vehicles

1 Scope

1.1

This Standard specifies dimensional and safety requirements for recreational vehicles. Its purpose is to specify minimum criteria for providing a degree of protection against loss of life from fire and explosion.

1.2

The CSA Z240 RV Series of Standards does not apply to park model trailers.

Note: *Park model trailers are covered by the CAN/CSA-Z241 Series of Standards.*

1.3

The values given in SI (metric) units are the standard. The values given in parentheses are for information only.

1.4

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; and “may” is used to express an option or that which is permissible within the limits of the Standard.

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.

2 Reference publications

This Standard refers to the following publications, and where such reference is made, it shall be to the edition listed below, including all amendments published thereto.

CSA Group

CAN/CSA-6.19-01 (R2011)

Residential carbon monoxide alarming devices

B346-M1980 (R2013)

Power-operated dispensing devices for flammable liquids