



CSA/ANSI Z21.63:19 • CSA 11.3:19
National Standard of Canada
American National Standard



Portable type gas camp heaters



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CSA/ANSI Z21.63:19 • CSA 11.3:19
September 2019

Title: *Portable type gas camp heaters*

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*Approved on August 8, 2019 by ANSI
Approved on August 26, 2019 by IGAC
Effective in Canada April 1, 2021
Published in September 2019 by CSA Group
A not-for-profit private sector organization
178 Rexdale Boulevard, Toronto, Ontario, Canada M9W 1R3*

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*ICS 97.200.30
ISBN 978-1-4883-1702-6*

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Preface

This is the fourth edition of CSA/ANSI Z21.63 • CSA 11.3, *Portable type gas camp heaters*. It supersedes the previous editions published in 2014, 2011, and 2000.

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

This Standard was prepared by the Joint Technical Subcommittee on Gas-Fired Refrigerators and Portable Camping Equipment under the jurisdiction of the Z21/83 Technical Committee on Performance and Installation of Gas Burning Appliances and Related Accessories and the Strategic Steering Committee on Fuels and Appliances. It has been formally approved by the Z21/83 Technical Committee on Performance and Installation of Gas Burning Appliances and Related Accessories, the Canadian Technical Committee on Gas Appliances and Related Accessories, and the Interprovincial Gas Advisory Council.

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.

This Standard has been approved by the American National Standards Institute (ANSI) as an American National Standard.

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History of the development of the standard for portable type gas camp heaters

Note: *This History is informative and is not part of the standard.*

With the onset of the Free Trade Agreement between the United States and Canada on January 2, 1988, significant attention was given to the harmonization of the United States and Canadian safety standards addressing gas-fired equipment for residential, commercial, and industrial applications. It was believed that the elimination of the differences between the standards would remove potential trade barriers and provide an atmosphere in which North American manufacturers could market more freely in the United States and Canada. The harmonization of these standards was also seen as a step toward harmonization with international standards.

The draft harmonized standard was based on the current coverage from the American National Standard for *Portable Camp Heaters of Other Than the Catalytic Type for Use with Liquefied Petroleum Gases*, ANSI Z21.63-1978, and the Canadian Standard for *Portable Type Gas Camp Heaters*, CAN1-11.3-M79. On September 19, 1997, the Z21/(Interim CSA) Joint Gas Refrigerators and Portable Camping Equipment Subcommittee reviewed by letter ballot the first draft harmonized portable type gas camp heater standard. At its February 4–5, 1998 meeting, in light of comments received, the joint subcommittee agreed to adopt the revised draft standard for public review and comment. The revised draft camp heater standard was distributed for review during June 1998.

At its November 1998 meeting, the subcommittee recommended the proposed draft to the Z21/83 Committee and the (Interim CSA) Standards Steering Committee for approval.

The proposed draft harmonized standard for *Portable Type Gas Camp Heaters* was approved by the Z21/83 Committee at its April 15, 1999 meeting and by the (Interim CSA) Standards Steering committee on May 26, 1999. There were some issues raised during the Interprovincial Gas Advisory Council's (IGAC) approval process and the standard was not approved in 1999. Therefore, a U.S. only edition of the draft standard was published, ANSI Z21.63-1999. Based on additional information provided by the joint subcommittee, and an editorial revision to section 2.4, Combustion, the draft harmonized standard was reconsidered and approved by the IGAC a year later.

The first edition of American National Standard/CSA Standard for *Portable Type Gas Camp Heaters* was approved by the IGAC on May 30, 2000, and by ANSI, on November 2, 1999.

The second edition of American National Standard/CSA Standard for *Portable Type Camp Heaters* was approved by the IGAC on August 23, 2011 and by ANSI on March 17, 2011.

The third edition of the American National Standard/CSA Standard for *Portable Type Camp Heaters* was approved by the IGAC on December 8, 2014 and by ANSI on December 2, 2014.

The fourth edition of the American National Standard/CSA Standard for *Portable Type Camp Heaters*, was approved by the IGAC on August 26, 2019 and by ANSI on August 8, 2019.

The following identifies the designation and year of this Standard:

CSA/ANSI Z21.63:19 • CSA 11.3:19

Note: *This edition of CSA/ANSI Z21.63 • CSA 11.3 incorporates changes to the 2014 edition. Changes, other than editorial, are denoted by a delta symbol in the margin.*

CSA/ANSI Z21.63:19 • CSA 11.3:19

Portable type gas camp heaters

1 Scope

1.1

This Standard applies to unvented portable type gas camp heaters of the catalytic and infrared type only up to and including a maximum input of 12,000 Btu/hr (3 517 w) using propane, butane, and liquefied petroleum gas mixtures thereof, and intended for outdoor use.

1.2

This Standard applies to portable type gas camp heaters having a:

- a) regulated pressure; or
- b) non-regulated pressure.

1.3

Heaters and components employing materials or having forms of construction differing from those detailed in these provisions may be examined and tested according to the intent of the provisions, and if found to be satisfactorily equivalent, may be given recognition.

1.4

This Standard applies to heaters constructed entirely of new, unused parts and materials.

1.5

All references to psi throughout this Standard are to be considered gauge pressures unless otherwise specified.

1.6

All accessories recommended by the manufacturer for use with appliances tested to this Standard are to be supplied with the appliance.

1.7

If a value for measurement as given in this Standard is followed by an equivalent value in other units, the first stated value is to be regarded as the specification, except as noted in Clause [A.2](#).

1.8

Annex [A](#), Items Unique to Canada, contains clauses that are unique to Canada.

1.9

Clause [2](#), Reference publications, contains a list of standards specifically referenced in this Standard, and sources from which these standards may be obtained.