

Oil-fired warm-air heating appliances for mobile housing and recreational vehicles



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CSA B140.10:06

March 2006

Title: *Oil-fired warm-air heating appliances for mobile housing and recreational vehicles*

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CSA B140.10:06

***Oil-fired warm-air heating
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*Published in March 2006 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.*

ISBN 1-55436-100-1

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Preface

This is the second edition of CSA B140.10, *Oil-fired warm-air heating appliances for mobile housing and recreational vehicles*. It supersedes the previous edition published in 1974. It is one of a series of oil-burning equipment Standards covering minimum requirements for the safe operation, acceptable performance, design, construction, manufacture, marking, and testing of oil-burning equipment and should be read in conjunction with CSA B140.0, *Oil-Burning Equipment: General Requirements*.

Changes to this new edition include the following:

- (a) The referenced Standards and definitions have been updated.
- (b) The Scope of the Standard has been clarified.
- (c) References to external “flues” and “flue pipes” have been changed to “vents” and “vent pipe”.
- (d) Filter specifications have been updated.
- (e) Requirements for the installation, service, and operating instructions have been updated and now indicate some homeowner instructions. Some marking requirements have been modified.
- (f) Maximum vent outlet temperature requirements have been updated.
- (g) All numeric values have been converted to SI (metric) units, with yard/pound (imperial) or US Customary units shown for information only.

This Standard was prepared by the Technical Committee on Oil-Burning Appliance Standards, under the jurisdiction of the Strategic Steering Committee on Fire Safety and Fuel Burning Equipment, and has been formally approved by the Technical Committee. It will be submitted to the Standards Council of Canada for approval as a National Standard of Canada.

March 2006

Notes:

- (1) Use of the singular does not exclude the plural (and vice versa) where 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 publication 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 publication.
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- (c) be phrased where possible to permit a specific “yes” or “no” answer.

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B140.10-06

Oil-fired warm-air heating appliances for mobile housing and recreational vehicles

1 Scope

1.1

This Standard applies to oil-fired forced warm-air heating appliances for installation in mobile housing and recreational vehicles, irrespective of the heating capacity or the type of burner used.

1.2

This Standard applies to appliances with fuel supplies that may be located remotely or at the appliance.

1.3

In CSA Standards, “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.

1.4

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

2 Reference publications and definitions

2.1 Reference publications

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

CSA (Canadian Standards Association)

B139-04

Installation code for oil-burning equipment

B140.0-03

Oil-burning equipment: General requirements

B140.1-1966 (R2001)

Vaporizing-type oil burners