

**Standard for energy performance
compliance, verification, and ratings of
fuel-burning appliances and equipment**



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Preface

This is the first edition of CSA P.12, *Standard for energy performance compliance, verification, and ratings of fuel-burning appliances and equipment*.

This Standard outlines the procedures for statistically-valid verification of performance rating(s), as specified by the manufacturers of fuel-burning appliances and equipment listed in Table 1. While this Standard was developed for use with fuel-burning appliances and equipment, it may be adapted for use with other appliances and equipment.

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

CSA Group acknowledges that the development of this Standard was made possible by financial support from Natural Resources Canada (NRCan), the Ontario Ministry of Energy, and Giant Factories Inc.

This Standard was prepared by the Subcommittee on Energy Efficiency Compliance, Verification, and Rating of Fuel-Burning Appliances and Equipment under the jurisdiction of the Technical Committee on Energy Efficiency and Related Performance of Fuel-Burning Appliances and Equipment and the Strategic Steering Committee on Fuel-Burning Equipment, and has been formally approved by the Technical Committee.

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.*
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 - c) *wording of the proposed change; and*
 - d) *rationale for the change.*

CSA P.12:14

Standard for energy performance compliance, verification, and ratings of fuel-burning appliances and equipment

1 Scope

1.1

This Standard specifies criteria and methods to establish and verify the energy performance ratings for fuel-burning appliances and equipment. This Standard includes procedures for sampling, analysis of test results, and reporting.

1.2

This Standard applies , but is not limited, to the fuel-burning appliances listed in Table 1 and described in Clause 14 that are tested in accordance with CSA Group energy efficiency and related performance standards.

1.3

The values given in SI (metric) units apply in this 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.