



CAN/CSA-B356-10

National Standard of Canada

(reaffirmed 2020)



Water pressure reducing valves for domestic water supply systems



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Update No. 2

CAN/CSA-B356-10

October 2015

Note: For information about the **Standards Update Service** or if you are missing any updates, go to **shop.csa.ca** or e-mail **techsupport@csagroup.org**.

Title: *Water pressure reducing valves for domestic water supply systems* — originally published August 2010

Revisions issued: Update No. 1 — March 2011

The following revisions have been formally approved and are marked by the symbol delta (Δ) in the margin on the attached replacement pages:

Revised	Clause 2
New	Clause 4.1.1A
Deleted	None

- Update your copy by inserting these revised pages.
- Keep the pages you remove for reference.

B356-10

Water pressure reducing valves for domestic water supply systems

1 Scope

1.1

This Standard applies to self-acting spring-operated devices that automatically reduce the initial pressure in water systems to a set lower pressure. It applies to devices that are of the direct-acting diaphragm type with a means for adjusting the pressure setting. Valves can be with or without an integral bypass relief valve or strainer.

1.2

This Standard provides requirements for material specifications, construction, structural integrity tests, capacity, reduced pressure deviations, instructions, and marking.

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; 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 (nonmandatory) to define their application.

1.4

The values given in SI units are the units of record for the purposes of this Standard. The values given in parentheses are for information and comparison only.

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 (Canadian Standards Association)

C22.2 No. 0.15-01 (R2006)

Adhesive labels

ASME (The American Society of Mechanical Engineers)

ANSI/ASME B1.1-2003

Unified Inch Screw Threads (UN and UNR Thread Form)

ANSI/ASME B1.20.1-1983 (R2006)

Pipe Threads, General Purpose, Inch