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Performance Requirements for

# Pressurized Flushing Devices for Plumbing Fixtures



*An American National Standard*

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

<b>Revised</b>	Preface
<b>New</b>	None
<b>Deleted</b>	None

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## Δ Preface

This is the first edition of ASSE 1037/ASME A112.1037/CSA B125.37, *Performance requirements for pressurized flushing devices for plumbing fixtures*. It supersedes the previous edition of ASSE 1037, published in 1990, and it replaces the requirements for flushometer valves in CSA B125.3, published in 2012.

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

This Standard was prepared by the ASSE/ASME/CSA Harmonization Task Group on Plumbing Fittings, under the jurisdiction of the ASME A112 Standards Committee on Plumbing Materials and Equipment, the ASSE Product Standards Committee, and the CSA Technical Committee on Plumbing Fittings. The CSA Technical Committee operates under the jurisdiction of the CSA Strategic Steering Committee on Construction and Civil Infrastructure.

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In order to apply for listing, visit [www.asse-plumbing.org/seal/listing\\_instructions.html](http://www.asse-plumbing.org/seal/listing_instructions.html).

##### **(3) Patent rights**

ASSE International complies with Section 3.1 of ANSI Essential Requirements — Inclusion of Patents in American National Standards. To understand what is and is not covered, visit [www.ansi.org/essentialrequirements](http://www.ansi.org/essentialrequirements).

##### **(4) Committee or Working Group Membership**

Each standard is developed by a working group and then approved by the Product Standards Committee and Board of Directors of ASSE International. In order to apply for membership on a working group or any committee, the applications are available at

[www.asse-plumbing.org/standards/WorkingGroupApp.pdf](http://www.asse-plumbing.org/standards/WorkingGroupApp.pdf).

# *ASSE 1037-2015/ASME A112.1037-2015/ CSA B125.37-15*

## ***Performance requirements for pressurized flushing devices for plumbing fixtures***

### **Section I**

#### **1 Scope**

##### **1.1**

This Standard covers pressurized flushing devices (PFDs) intended to flush water closets, urinals, and other plumbing fixtures and specifies requirements for materials, design, methods of operation, test methods, and markings.

##### **1.2**

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 sections do not include requirements or alternative requirements; the purpose of a note accompanying a section 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.

##### **1.3**

SI units are the units of record in Canada. In this Standard the inch/pound units are shown in parentheses.

The values stated in each measurement system are equivalent in application; however, each system is to be used independently. Combining values from the two measurement systems can result in non-conformance with this Standard. All references to gallons are to U.S. gallons.

### **Section II**

#### **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, including all amendments published thereto.