ASME A112.18.6-2017/CSA B125.6-17

CSA Group

Flexible water connectors

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Flexible water connectors

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Preface

This is the second edition of ASME A112.18.6/CSA B125.6, *Flexible water connectors*. It supersedes the previous edition published in 2009.

The following changes appear in this edition:
a) updated reference to the latest edition of NSF 61;
b) revised working temperatures;
c) new low lead requirements;
d) updated fill valve thread requirements; and
e) updated ice maker pressure drop requirements.

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

This Standard was prepared by the ASME/CSA Joint Harmonization Task Group on Plumbing Fittings, under the jurisdiction of ASME Standards Committee on Plumbing Materials and Equipment and the CSA Technical Committee on Plumbing Fittings. The CSA Technical Committee operates under the jurisdiction of the CSA Strategic Steering Committee on Water Management Products, Materials, and Systems. This Standard has been formally approved by the ASME Standards Committee and the CSA Technical Committee. This Standard was approved as an American National Standard by the American National Standards Institute on June 19, 2017.

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ASME A112.18.6-2017/CSA B125.6-17
Flexible water connectors

1 Scope

1.1

This Standard covers flexible water connectors for use in water supply systems under

a) continuous pressure in accessible locations; and
b) intermittent pressure in recreational vehicles only.

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 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.

1.3

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All references to gallons are to U.S. gallons.

For information on the conversion criteria used in this Standard, see Annex B.

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.

ASME (The American Society of Mechanical Engineers)

A112.19.5-2005
Trim for Water-Closet Bowls, Tanks, and Urinals

B1.1-2003 (R2008)
Unified Inch Screw Threads (UN and UNR Thread Form)