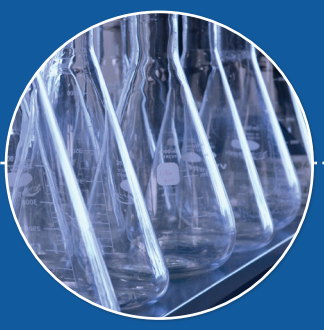
NSF International Standard / American National Standard

NSF/ANSI 24 - 2020

Plumbing System Components for Recreational Vehicles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NSF International Standard /
American National Standard
for Plastics and RV Plumbing Components –

Plumbing System Components for Recreational Vehicles

Standard Developer
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Contents

Foreword[2]

The purpose of this Standard is to establish minimum requirements for materials, design, and construction and performance of pipe, fittings, valves, traps, vents, tanks, pumps, connectors, fixtures, appliances, and similar appurtenances used in a plumbing system of a recreational vehicle.

This edition of the Standard contains the following revisions:

Issue 11

This issue updates the normative references in Section 2 and revises language in Sections 21 and 23 to stay consistent with ANSI requirements.

This Standard was developed by the NSF Joint Committee on Plastics and RV Plumbing Components using the consensus process described by the American National Standards Institute.

This Standard and the accompanying text are intended for voluntary use by certifying organizations, regulatory agencies, and/or manufacturers as a basis of providing assurances that adequate health protection exists for covered products.

Suggestions for improvement of this Standard are welcome. This Standard is maintained on a continuous maintenance schedule and can be opened for comment at any time. Comments should be sent to: Chair, Joint Committee on Plastics and RV Plumbing Components at standards@nsf.org, or c/o NSF International, Standards Department, PO Box 130140, Ann Arbor, Michigan 48113-0140, USA.

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NSF/ANSI Standard
for Plastics and RV Plumbing Components –

Plumbing System Components for Recreational Vehicles

1 General

1.1 Scope

This Standard covers pipe, fittings, valves, traps, vents, tanks, pumps, connectors, fixtures, appliances, and similar appurtenances used in a plumbing system of a recreational vehicle.

1.2 Measurement

Decimal and SI conversions provided parenthetically shall be considered equivalent. Metric conversions have been made according to IEEE/ASTM SI 10.

2 Normative references and tools

The following reference documents contain requirements that constitute requirements of this NSF/ANSI Standard. At the time of publication, the indicated editions were valid. All documents are subject to revision, and it is the responsibility of the user of this specification to determine the applicability of the most recent editions of these documents. The most recent published edition of the document shall be used for undated references.

21 CFR, § Parts 170-199, Food and Drugs[3]

ANSI/ASSE 1001 – 2017, *Performance Requirements for Atmospheric Type Vacuum Breakers*[4,5]

ANSI/ASSE 1002 – 2015, *Anti-siphon Fill Valves for Water Closet Tanks*[5,5]

ANSI/ASSE 1051 – 2009, *Performance Requirements for Individual and Branch Type Air Admittance Valves for Sanitary Drainage Systems*[5,5]

ASME A112.18.2/CSA B125.2 – 2015, *Plumbing Waste Fittings*[6,7]

ASME A112.18.3 – 2008, *Performance Requirements for Backflow Devices and Systems in Plumbing Fixture Fittings*

[3] US Government Publishing Office. 732 North Capitol Street NW, Washington, DC 20401. <www.govinfo.gov/app/collection/cfr>

[4] American National Standards Institute. 1899 L Street NW, 11th floor, Washington, DC 20036. <www.ansi.org>

[5] ASSE International. 18927 Hickory Creek Drive, Suite 220, Mokena, IL 60448. <www.asse-plumbing.org>

[6] The American Society of Mechanical Engineers. Two Park Avenue, New York, NY 10016. <www.asme.org>

[7] CSA Group. 178 Rexdale Boulevard, Toronto, ON M9W 1R3, Canada. <www.csa.ca>