



Summary of Substantive Changes
between the 2016 and the 2020 editions of
NSF/ANSI 24 “Plumbing System Components for Recreational Vehicles”

Presented to the IAPMO Standards Review Committee on April 12, 2021

General: The changes to this standard should not have an impact on currently listed products. The substantive change is:

- Updating reference Standards (see Section 2)

Section 2, Normative references and tools: Updated the normative references to reflect the most recent editions.

~~1.3~~ 2 Normative references and tools

~~Code of Federal Regulations, Title 121 CFR, § Parts 170-199, Food and Drug Administration, Department of Health and Human Services~~

ANSI/ASSE 1001 – ~~2008~~2017, Performance Requirements for Atmospheric Type Vacuum Breakers

ANSI/ASSE 1002 – ~~2008~~2015, ~~Performance Requirements for~~ Anti-siphon Fill Valves for Water Closet Tanks

ASME A112.18.2/CSA B125.2 – ~~2011~~2015, Plumbing Waste Fittings

ASME A112.18.3 – ~~2002~~2008, Performance Requirements for Backflow Devices and Systems in Plumbing Fixture Fittings

ASME A112.19.2/CSA B45.1 – ~~2008~~2019, Ceramic Plumbing Fixtures

ASME A112.19.3/CSA B45.4 – ~~2008~~2017, Stainless Steel Plumbing Fixtures

ASME ~~2013~~BPVC 2019, Boiler and Pressure Vessel Code

ASTM D543 – ~~2006~~2014, Standard Practices for Evaluating the Resistance of Plastics to Chemical Reagents

ASTM D2444 – ~~99 (2010)~~2017, Standard Test Method for Determination of the Impact Resistance of Thermoplastic Pipe and Fittings by Means of a Tup (Falling Weight)

ASTM E202 – ~~2012~~2018, Standard Test Methods for Analysis of Ethylene Glycols and Propylene Glycols

CSA B45.5/IAPMO Z124 – ~~2011~~2017, Plastic Plumbing Fixtures

IEEE/ASTM SI 10 – ~~2002~~2016, Standard for the Use of the International System of Units (SI): The Modern American National Standard for Metric ~~System Practice~~

NFPA (FIRE) 119.2 – ~~2011~~2018, Standard on Recreational Vehicles

Section 22, Flexible vent systems, pipe, and fittings:

~~21~~2.8 Markings

Flexible vent pipe and fittings shall be clearly and permanently marked with the following:

- manufacturer’s name;
- model number ~~and~~/or trade designation; and
- the statement “Intended only for dry vents in recreational vehicles”.

Section 24, Portable toilets

~~23~~24.4 Waste holding tank design and construction

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~~23~~24.4.3 The portable toilet ~~and~~/or portable waste holding tank shall be provided with a handle for carrying.