



**Summary of Substantive Changes
between the 2019 and the 2020 edition of
ASSE 1023 “Electrically Heated or Cooled Water Dispensers”**

Presented to the IAPMO Standards Review Committee on June 14, 2021

General: The changes to this standard should not have an impact on currently listed products. The significant changes are:

- Clarified requirements for instant capacity water heaters (see Sections 3.2.1, and 4.2.2)

Section 1.3, Reference Documents:

- NSF/ANSI 42-~~2018~~2019, *Drinking Water Treatment Units – Aesthetic Effects*
- NSF/ANSI 53-~~2018~~2019, *Drinking Water Treat Units – Health Effects*
- NSF/ANSI 55-~~2018~~2019, *Ultraviolet Microbiological Water Treatment Systems*
- NSF/ANSI 58-~~2018~~2019, *Reverse Osmosis Drinking Water Treatment Systems*
- UL 399-~~2018~~2019, *Drinking Water Coolers*

Section 3.2, Instant Capacity for Heated Water: Clarified requirements for instant capacity water heaters as follows:

3.2.1 Purpose

The purpose of this test is to verify the manufacturer’s claims of the device’s instant capacity. This test is only for devices that include a water heater and shall be performed only when the manufacturer includes the claim in their literature or on product marking

Section 4.2, Installation and Maintenance Instructions: Clarified requirements for instant capacity water heaters as follows:

4.2.2

The installation instructions for the device shall include the following information:

- 1) *Inlet connection size.*
- 2) *Maximum working pressure.*
- 3) *When applicable, For heated water, the instant capacity.*
- 4) *When applicable, the continuous capacity for cooled or heated water.*