

Hot Water Dispensers, Household Storage Type Electrical

To be acceptable for test under this Standard, Dispensers of the types covered shall have electrical components and characteristics listed and approved by a nationally recognized, independent testing laboratory.

Section I

1.0 Scope, Purpose, General - Construction, Instructions

1.1 Scope and Purpose

1.1.1 Scope

1.1.1.1 The hot water dispensers covered by this standard are those which are designed for household use and which are installed at the sink and supplied with water from the kitchen sink water supply. They are storage types, continuously vented to atmosphere and heated electrically.

1.1.1.2 Water Temperature

Tank service water temperature to be maintained below atmospheric water boiling point.

1.1.2 Purpose

This standard has been developed to advise designers, manufacturers, plumbing administrative authorities and others of what are considered reasonable plumbing criteria when installed in a system of potable water supply, and the methods of testing for determining compliance with the requirements of the standard.

1.2 General - Construction

1.2.1 Assembly drawings and other data which are needed to enable a testing agency to determine compliance with this standard, and installation instructions, including essential drawings shall accompany the devices when submitted for examination and performance tests under this standard.

1.2.2 Design and construction shall be such that in normal handling in transit and during installation, the device will not be damaged in any way which will prevent it from functioning as required and intended. It is essential that devices be as trouble free as sound engineering can achieve.

1.2.3 Water Supply Connection

1.2.3.1 Connections to the potable water supply shall not be smaller than 1/4" O.D. tubing.