

**INTERNATIONAL ASSOCIATION OF PLUMBING
AND MECHANICAL OFFICIALS**

IAPMO GUIDE CRITERIA

FOR

**HOUSEHOLD FOOD WASTE DISPOSERS WITH AN
INTEGRAL ADDITIVE INJECTION SYSTEM**

IAPMO IGC 112-97 (R2013)

1. PURPOSE

- 1.1** The purpose of this IGC is to establish a generally acceptable Standard for household food waste disposers with an integral additive injection system. Its purpose is to serve as a guide for producers, distributors, architects, engineers, contractors, installers, inspectors and users; to promote understanding regarding materials, manufacture, and installation; and to provide for identifying household food waste disposers with an integral additive injection system that conform with the IGC.

The provisions of this IGC are not intended to prevent the use of any alternate material or method of construction, provided any such alternate meets the intent of this IGC.

2. SCOPE

- 2.1** This IGC applies to food waste disposers which are mounted to the kitchen sink, use water from the sink faucet, and have an additive injection system integral to the disposer.

3. REFERENCE STANDARDS

- 3.1** All standards referenced herein shall be the current edition of that standard as published in Table 14-1 of the Uniform Plumbing Code. Copy of the current Table 14-1 can be obtained from IAPMO.

ANSI/AHAM FWD-1 Performance Evaluation for Household Food Waste Disposers
ANSI/ASSE 1008 Plumbing Requirements for Household Food Waste Disposer Units

4. GENERAL REQUIREMENTS

- 4.1 Dimensions And Tolerances.** The food waste disposer is intended for connections to a standard 3-1/2 in. (89 mm) kitchen sink opening, and standard 1-1/2 in. (38.1 mm) plumbing connections.
- 4.2** The disposer shall not be connected to a potable water supply system. If the dishwasher drain connection is used, it shall be connected to an air gap in accordance

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with local plumbing requirements.

- 4.3** The disposer shall come equipped with a replaceable, non-toxic, non-pathogenic additive that is periodically injected into the grind chamber. This additive shall be such that it does not cause a clog in the hose or nozzle of the injection mechanism after extended non-use.
- 4.4** The disposer shall be designed so that it will not retain food waste which would be allowed to putrefy.
- 4.5** **Installation.** The product shall be installed in accordance with local electrical and plumbing codes.

5. PERFORMANCE TESTS

- 5.1** To meet the requirements of Section 4.3, the disposer shall be tested by turning on and off four (4) times to prime injection system, then let it sit for fourteen (14) days at room temperature. Then turn the unit on and off once. A visual examination of the additive inlet tube shall not reveal a blockage that will prevent additive injection.
- 5.2** To meet the requirements of Section 4.4, run the AHAM mixed load test per Section 6.3.2.3 of ANSI/AHAM FWD-1 for three consecutive days with 2 gpm of water. Then start the unit once. There shall be no food waste in the injection hose which would prevent the additive from entering the grind chamber.

6. MARKING AND IDENTIFICATION

- 6.1** Each disposer shall be marked with the following:
 - (a) Manufacturer's name or trademark; and
 - (b) Model number.

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