

Association of Home Appliance Manufacturers

Food Waste Disposers

AHAM FWD-1-2005
(Revision of AHAM FWD-1-1992)

(February 2005)



PREFACE

The Association of Home Appliance Manufacturers develops standards in accordance with AHAM's "Policy and Procedures Governing Technical Standards" which states:

AHAM Standards shall be in the best interest, mutually, of consumers who use appliances, the industries which provide and service appliances, and other interested parties. They shall relate to actual use conditions, be technically and scientifically sound"

Use or observance of AHAM standards is voluntary.

This standard contains

Test procedures which may be applied to any brand or model of household food waste disposer for measuring performance. Results of tests in accordance with this standard may be publicly stated.

With regard to safety, AHAM recommends that all appliance products - both major and portable -- manufactured or marketed in the United States be submitted to an appropriate independent laboratory such as Underwriters Laboratories Inc., or the American Gas Association Laboratories, Inc. for inspection and listing in conformance with the safety standards and procedures followed by such laboratories. The relevant standard for disposers is ANSI/UL 430, "Standard for Waste Disposers".

AHAM welcomes comments and suggestions regarding this standard. Any standard may be reviewed and improved as needed. All Standards must be updated or reconfirmed at least every five years. Any interested party, at any time, may request a change in an AHAM standard. Such request should be addressed to AHAM's President, and should be accompanied by a statement of reason for the request and a suggested alternate proposal.

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1. PURPOSE

1.1 This standard establishes a uniform, repeatable procedure or standard method for measuring specified product characteristics of household food waste disposers.

1.2 The standard methods provide a means to compare and evaluate different brands and models of food waste disposers regarding characteristics significant to product use.

1.3 The standard methods are not intended to inhibit improvement and innovation in product testing, design or performance.

2. SCOPE

This standard applies to household food waste disposers and is intended to cover definitions, general characteristics, nameplate information, construction characteristics, test procedures, safety and sanitation.

3. DEFINITIONS

3.1 Food Waste. Perishable food refuse resulting from the preparation, handling, serving and scrapping of food.

3.2 Food Waste Disposer Unit. A device installed in a household kitchen sink outlet, supplied with water from the kitchen sink supply faucet, and discharging into the household plumbing drainage system. Its function is to reduce food waste to particle sizes which, with the aid of water, are flushed into the plumbing drainage system.

3.2.1 Batch Feed Type. A disposer type which is loaded with food waste before it is energized and requires the locating of a device (usually used also as a sink stopper) in the feed opening of the disposer in such a position that the disposer is energized.

3.2.2 Continuous Feed Type. A disposer type which is usually operated by a remote electrical switch and can be loaded with food waste continuously.

3.3 Grinding Chamber. The grinding chamber or hopper is the space or cavity above the grinding wheel within the disposer that receives and contains food waste prior to and during the reduction process.

3.4 Grind Ring. The grind ring or shredder ring is a circular ring with projections located in the lower area of the grinding chamber against which the food waste is pulverized by abrasive or grinding action.