



Standard Specification for Washing Machines—Pot, Pan, and Utensil, Heat Sanitizing, Commercial Rotary Conveyor Type¹

This standard is issued under the fixed designation F 1203; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This specification covers manually fed, motor-driven rotary conveyor type, automatically controlled, commercial pot, pan, and utensil washing machines, hereinafter referred to as “the washer.”

1.2 The following precautionary statement pertains only to the test methods portion, Section 9 of this specification: *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

2. Referenced Documents

2.1 ASTM Standards:

- A 120 Specification for Pipe, Steel, Black and Hot-Dipped Zinc-Coated (Galvanized) Welded and Seamless for Ordinary Uses²
- A 167 Specification for Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and Strip³
- A 276 Specification for Stainless and Heat-Resisting Steel Bars and Shapes³
- A 436 Specification for Austenitic Gray Iron Castings⁴
- A 554 Specification for Welded Stainless Steel Mechanical Tubing⁵
- B 43 Specification for Seamless Red Brass Pipe, Standard Sizes⁶
- B 75 Specification for Seamless Copper Tube⁶
- B 127 Specification for Nickel-Copper Alloy (UNS NO4400) Plate, Sheet, and Strip⁷
- D 3951 Practice for Commercial Packaging⁸
- F 760 Specification for Food Service Equipment Manuals⁹

F 1021 Specification for Feeders, Detergent, Rinse Agent, and Sanitizing Agent for Commercial Dishwashing and Glasswashing Machines⁹

2.2 Federal Regulations:¹⁰

OSHA Title 29

2.3 American National Standards:¹¹

ANSI SI.4 Specification for Sound Level Meters

ANSI SI.13 Methods for the Measurement of Sound Pressure Levels

2.4 National Electrical Manufacturers Association Standards:¹²

NEMA ICS Industrial Controls and Systems

NEMA MG-I Motors and Generators

2.5 National Fire Protection Association Standard:¹³

NFPA No. 70 National Electrical Code

2.6 National Sanitation Foundation Standards:¹⁴

NSF No. 5 Commercial Hot Water Generating Equipment

NSF No. 14 Plastic Piping System Components and Related Materials

NSF No. 26 Spray Type Pot, Pan and Utensil Washing Machines

NSF No. 29 Detergent/Chemical Feeders for Commercial Spray-Type Dishwashing Machines

NSF No. 51 Plastic Materials and Components Used in Food Equipment

NSF Criteria C-2 Special Equipment and/or Devices

NSF Food Service Equipment Listing

2.7 Underwriters Laboratories Standard:¹⁵

UL 921 Commercial Electric Dishwashers

2.8 American Society of Sanitary Engineering Standards:¹⁶

ASSE 1001 Pipe Applied Atmospheric Vacuum Breakers

ASSE 1004 Dishwashers

¹ This specification is under the jurisdiction of ASTM Committee F-26 on Food Service Equipment and is the direct responsibility of Subcommittee F26.01 on Cleaning and Sanitation Equipment.

Current edition approved March 10, 1997. Published June 1997. Originally published as F 1203 – 88. Last previous edition F 1203 – 92.

² Discontinued 1987; Replaced by A53.

³ Annual Book of ASTM Standards, Vol 01.03.

⁴ Annual Book of ASTM Standards, Vol 01.02.

⁵ Annual Book of ASTM Standards, Vol 01.01.

⁶ Annual Book of ASTM Standards, Vol 02.01.

⁷ Annual Book of ASTM Standards, Vol 02.04.

⁸ Annual Book of ASTM Standards, Vol 15.09.

⁹ Annual Book of ASTM Standards, Vol 15.07.

¹⁰ Available from the Superintendent of Documents, Government Printing Office, Washington, DC 20401.

¹¹ Available from American National Standards Institute, 11 W. 42nd St., 13th Floor, New York, NY 10036.

¹² Available from National Electrical Manufacturers Association, 2101 L St. N.W., Washington, DC 20037.

¹³ Available from National Fire Protection Assoc., Batterymarch Park, Quincy, MA 02269.

¹⁴ Available from NSF International, P.O. Box 130140, Ann Arbor, MI 48113-0140.

¹⁵ Available from Underwriters Laboratories, Inc., 333 Pfingsten Rd., Northbrook, IL 60062.

¹⁶ Available from American Society of Sanitary Engineering, P.O. Box 9712, Bay Village, OH 44140.