

[INCH-POUNDS]
RR-A-1255D
January 6, 1992
SUPERSEDING
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May 16, 1977

FEDERAL SPECIFICATION

ASH RECEIVERS, TOBACCO,
(WALL MOUNTED, PARABOLOIDAL SHAPE, 2 QUART CAPACITY)

This specification is approved by the Commissioner, Federal Supply Service, General Services Administration, for the use of all Federal agencies.

1. SCOPE AND CLASSIFICATION

1.1 Scope. This specification covers wall mounted ash receivers for cigar, cigarette and tobacco wastes.

1.2 Classification. Wall mounted ash receivers covered by this specification shall be narrow bracket, with two semi-bowl shaped blades.

2. APPLICABLE DOCUMENTS

2.1 Issues of document. The following documents, of the issue in effect on the date of invitation for bids or request for proposal, form a part of the specification to the extent specified herein.

Federal Standards:

- FED-STD-123 - Marking for Shipment (Civil Agencies).
- FED-STD-376 - Preferred Metric Units for General use by the Federal government.

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any data which may improve this document should be sent to General Services Administration, Engineering Group (7FXEE), 819 Taylor St., Fort Worth, TX 76102

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

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Activities outside the Federal Government may obtain copies of Federal Specifications, Standards, and Handbooks as outlined under General Information in the Index of Federal Specifications and Standards and at the prices indicated in the Index. The Index, which includes cumulative monthly supplements as issued, is for sale on a subscription basis by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

Single copies of this specification and other Federal Specifications required by activities outside the Federal Government for bidding purposes are available without charge from Business Service Centers at the General Services Administration Regional Offices in Boston, New York, Washington, DC, Atlanta, Chicago, Kansas City, MO, Fort Worth, Denver, San Francisco, Los Angeles, and Seattle, WA.

Federal Government activities may obtain copies of Federal Specifications, Standards, and Handbooks from established distribution points in their agencies.

Military Standards:

- MIL-STD-105 - Sampling Procedures and Tables for Inspection by Attributes.
- MIL-STD-129 - Marking for Shipment and Storage.

Copies of military standards may be obtained from the Standardization Documents Order Desk, Bldg. 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094.

2.2 Other Publications. The following documents form a part of this specification to the extent specified herein. Unless otherwise indicated, the issue in effect on the date of invitation for bids or request for proposal shall apply.

ASTM Standards:

- A 167 - Standard Specification for Stainless and Heat-Resisting Chromium-Nickel Steel Plate, Sheet, and Strip.
- B 85 - Standard Specification for Aluminum-Alloy Die Castings.
- B 209 - Standard Specification for Aluminum and Aluminum-alloy Sheet and Plate.

Application for copies should be addressed to ASTM, 1916 Race Street, Philadelphia, PA 19103.

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National Motor Freight Traffic Association, Inc. Agent

National Motor Freight Classification.

Application for copies should be addressed to the National Motor Traffic Association, Inc., Tariff Order Section, 1616 P Street, Washington, DC 20036.

Uniform Classification Committee, Agent

Uniform Freight Classification.

Application for copies should be addressed to the Uniform Classification Committee, Tariff Publishing Officer, Room 1106, 222 South Riverside Plaza, IL 60606.

3. REQUIREMENTS

3.1 Material. Unless otherwise specified (see 6.2), component parts shall be corrosion-resisting steel, aluminum or aluminum alloys at the manufacturer's option.

3.1.1 Corrosion-resisting steel. Sheet and plate shall be made of corrosion-resisting steel alloys designated S30200 or S30400 in accordance with ASTM A 167.

3.1.2 Aluminum and aluminum alloys.

3.1.3 Plate and sheet. Plate and sheet shall be made of aluminum or aluminum alloy designated 1100 or 3003 in accordance with ASTM B 209. Temper shall be at the manufacturer's option.

3.1.4 Extruded shapes. Extruded shapes shall be made of aluminum alloy designated 6063, in accordance with ASTM B 209. Temper shall be at the manufacturer's option.

3.1.5 Die casting. Die castings shall be made of aluminum alloy designated A03800 in accordance with ASTM B 85.

3.1.6 Plastics. Plastic parts shall be rigid acrylonitrile--butadiene-styrene (ABS) or polyamide (nylon). Type of nylon shall be at the manufacturer's option.

3.2 Construction. Receivers shall consist of an outer shell; a bracket; a removable inner bucket; a removable, lift off, top ring and a blade assembly; with screws for fastening to a wall. The outer shell shall be securely fastened to the bracket. The receivers shall be completely assembled.

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3.2.1 Bracket. The bracket shall be formed of corrosion-resisting steel, extruded aluminum alloy or aluminum die casting (see 3.1.1, 3.1.3, 3.1.4, and 3.1.5).

3.2.2 Outer shell.

3.2.2.1 Corrosion-resisting steel. Outer shell shall have a minimum thickness of 0.026 inch (see 3.1.1).

3.2.2.2 Aluminum alloy. Outer shell shall have a minimum thickness of 0.051 inch (see 3.1.3).

3.2.3 Inner bucket. The inner bucket shall be removable for cleaning and dumping tobacco refuse. The bucket shall be one piece or seamless formed aluminum or aluminum alloy (see 3.1.3) with lift tabs or handle to facilitate removal. Capacity of the bucket shall be 2 quarts, plus or minus 5 percent (see 4.5.1).

3.2.4 Top ring and blade assembly. The top ring and blade assembly, removable (lift-off hinged), shall consist of a top ring; two semi-bowl shaped blades and a tilting lever. The top ring and blade assembly shall be hinged to prevent pilferage of the ring and blades.

3.2.4.1 Top ring, thickness. Thickness of top ring shall be 0.030 inches minimum for corrosion-resisting steel and 0.051 inches minimum for aluminum alloy.

3.2.4.2 Blades. The blades shall be securely hinged to the top ring. Bearings shall be nylon (see 3.1.6) or formed from the blade or ring material. A downward force of 5 pounds applied to the tilting lever shall rotate or separate the blades, and produce a minimum opening of 2 3/8 inches measured at the centerline of the blades. Removal of the applied force shall close the blades instantly by gravity force to form a close line contact bowl shaped receptacle for the retention of refuse (see 4.5.2).

3.2.4.3 Blade thickness. Blade thickness shall be 0.025 inches minimum for corrosion resisting steel and 0.051 inches minimum for aluminum alloy.

3.2.4.4 Tilting lever. The tilting lever shall be formed aluminum alloy, aluminum alloy die-casting, or ABS plastic. Plastic levers shall be chromium plated.

3.2.5 Dimensional requirements. Dimensional requirements for ash receivers shall be in accordance with table I.

Table I. Dimensions.

| | Inches |
|-------------------------|---------------|
| Overall height | 9 3/4 +/- 3/4 |
| Depth from wall | 8 5/8 +/- 5/8 |
| Lever minimum thickness | 1/4 |

3.3 Finish. The ash receiver shall be finished inside and outside with a satin finish.

3.4 Identification marking. Each ash receiver shall be indented or embossed with the manufacturer's name, trade name, or trademark of such known character that the source of manufacture may be determined.

3.5 Workmanship. The ash receivers shall be smooth, free from sharp edges, projections or sharp corners which may injure the hands, and other defects which may affect appearance or serviceability.

3.6 Regulatory requirements. In accordance with section 23.403 of the Federal Acquisition Regulations, the Government's policy is to acquire items composed of the highest percentage of recovered materials practicable, consistent with maintaining a satisfactory level of competition without adversely affecting performance requirements or exposing suppliers' employees to undue hazards from the recovered materials. The term "recovered materials" means materials which have been collected or recovered from solid waste and reprocessed to become a source of raw materials as opposed to virgin raw materials. None of the above shall be interpreted to mean that the use of used or rebuilt products are allowed under this specification unless otherwise specified.

3.7 Metric products. Products manufactured to metric dimensions will be considered on an equal basis with those manufactured using inch/pound units, provided they fall within the tolerances specified using conversion tables contained in the latest revision of FED-STD-376, and all other requirements of this specification are met.

4. QUALITY ASSURANCE PROVISIONS

4.1 Responsibility for inspection. Unless otherwise specified in the contract, the contractor is responsible for the performance of all inspection requirements as specified herein.

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Except as otherwise specified in the contract, the contractor, may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure that supplies and services conform to prescribed requirements.

4.2 Classification of inspection. The inspection requirements specified herein are classified as follows:

- (a) Quality conformance inspection (see 4.2.1).
- (b) Preparation for delivery inspection (see 4.6).

4.2.1 Quality conformance inspection. Quality conformance inspection shall be performed on the sample ash receivers selected in accordance with 4.3.1 and 4.3.2.

4.2.2 Inspection lot. All units of the same type and design, manufactured by the same manufacturer, and offered to the Government at one time, shall be considered a lot for purpose of inspection. The sample unit shall be one complete ash receiver.

4.3 Sampling. A random sample of ash receivers shall be selected from each lot in accordance with MIL-STD-105.

4.3.1 Sampling for examination. Examination of the ash receivers shall be based on inspection level I, and an Acceptable Quality Level (AQL), of 2.5 percent defective.

4.3.2 Sampling for tests. Tests shall be based on inspection level S2 and an AQL of 2.5 percent defective.

4.4 Examination. Each sample selected in accordance with 4.3.1 shall be examined for detects listed in table II.

TABLE II. Classification of defects

| Examine | Detects |
|------------------------------|---|
| End item | Type not as specified |
| Finish | Stain or discolored |
| Construction and Workmanship | Any sharp edge, silver, or burr. Any part missing, or not as specified. Any component fractured, split, buckled bent, punctured, malformed, or otherwise impaired. Operation omitted or not properly performed. Functioning component inoperative or does not function as intended. |
| Marking | Missing, not legible, incorrect. |

4.5 Tests.

4.5.1 Inner bucket capacity. Completely fill the inner bucket with water. Measure the volume of water (see 3.2.3).

4.5.2 Top ring with blade assembly. Apply and release a finger force ten times to the tilting lever (see 3.2.4.2).

4.6 Preparation for delivery inspection. A random sample of unit, intermediate and shipping containers (as applicable) shall be selected from each lot and examined for conformance with the preservation, packaging, packing, labeling and marking required in the contract or order. Samples shall be selected in accordance with Inspection level S-2, AQL 6.5 expressed in terms of defects per hundred units.

5. PREPARATION FOR DELIVERY

5.1 Preservation, packaging, packing, labeling and marking. The preservation, packaging, packing, labeling and marking shall be as specified in the contract or order.

5.2 Marking. In addition to any special marking required by the contract, interior packages and shipping containers shall be marked in accordance with FED-STD-123 or MIL-STD-129, as applicable (see 6.2).

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6. NOTES

6.1 Intended use. The ash receiver covered by this specification is intended to be mounted on a wall for collection of cigarette and tobacco waste.

6.2 Ordering data. Purchasers should select the preferred options offered herein and include the following data in procurement documents:

- (a) Title, number, and date of this specification.
- (b) Material required (see 3.1).
- (c) Marking required (see 5.2).

MILITARY INTEREST:

Military Coordinating Activity

Army - GL

Custodian

Air Force - 99

Review Activities

Navy - SA

Air Force - 84

CIVIL AGENCY INTEREST:

GSA - PBS - PMP

PREPARING ACTIVITY:

GSA - FSS