

[INCH-POUND]
A-A-50496A
June 16, 1998
SUPERSEDING
A-A-50496
September 10, 1990

COMMERCIAL ITEM DESCRIPTION

COFFEE MAKER, PERCOLATOR, ELECTRIC

The General Services Administration has authorized the use of this commercial item description for all Federal agencies.

1. **SCOPE.** This commercial item description (CID) covers automatic, percolator-type coffee makers equipped with integral heating elements and pouring spout.
2. **CLASSIFICATION.** The automatic, percolator-type coffee makers shall be of the following types and sizes, as specified (see 7.2):

TYPES

- | | |
|---------|---|
| Type I | Thermostatically-controlled dual heating elements, with or without flavor selector control. |
| Type II | Single heating element and cycling thermostat. |

SIZES

- | | |
|---------|------------------|
| Size 8 | 8-cup capacity. |
| Size 10 | 10-cup capacity. |
| Size 12 | 12-cup capacity. |

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any data which may improve this document should be sent to: Officer in Charge (Code 15E2), Seabee Logistics Center, 4111 San Pedro St., Port Hueneme, CA 93043-4410, by using the Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

A-A-50496A

3. SALIENT CHARACTERISTICS.

3.1 Description. The percolator-type coffee makers shall consist of a body, cover, base, handle(s), coffee basket and stem assembly, heating element(s), and a flexible power supply cord. Type I coffee makers shall be equipped with two heating elements (a high-heat brewing element and a low-heat warming element) and an automatic control for a cycling thermostat to provide both brewing and warming cycles. The thermostat shall automatically de energize the brewing element and initiate or sustain operation of the warming element when the brewing cycle is completed. A signal light shall indicate when the warming cycle commences. The coffee makers shall be suitable for operation on a nominal 120-volt, 60 Hz, power source.

3.2 Standard commercial product. The coffee makers shall, as a minimum, be in accordance with the requirements of this CID and shall be the manufacturer's standard commercial product. Additional or better features which are not specifically prohibited by this CID, but which are a part of the manufacturer's standard commercial product, shall be included in the coffee maker being furnished. A standard commercial product is a product which has been sold or is being currently offered for sale on the commercial market through advertisements or manufacturer's catalogs or brochures, and represents the latest production model.

3.3 Safety. The design of the coffee maker shall be such that no fire or electrical shock hazard is present when the coffee maker is connected to a power source. The leakage of current of the coffee maker shall be not greater than 0.5 milliamperes when connected to a nominal 120-volt supply.

3.4 Performance. The coffee maker operation shall be completely automatic when the coffee maker, filled to rated capacity with cold water at a temperature of 65 degrees Fahrenheit ($^{\circ}\text{F}$) $\pm 5^{\circ}\text{F}$ (18 degrees Celsius ($^{\circ}\text{C}$) $\pm 2.8^{\circ}\text{C}$), is connected to the 120-volt power supply. At the completion of the brewing cycle, the temperature of the beverage shall be not less than 170 $^{\circ}\text{F}$ (77 $^{\circ}\text{C}$) and be not greater than 205 $^{\circ}\text{F}$ (96 $^{\circ}\text{C}$). The serving temperature shall be not less than 170 $^{\circ}\text{F}$ (77 $^{\circ}\text{C}$) for a period of 1 hour in an ambient temperature of 75 $^{\circ}\text{F} \pm 5^{\circ}\text{F}$ (24 $^{\circ}\text{C} \pm 2.8^{\circ}\text{C}$).

4. REGULATORY REQUIREMENTS.

4.1 Materials. The offeror/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR). Unless otherwise specified herein, all equipment, material, and articles incorporated in the work covered by this commercial item description are to be new and fabricated using materials produced from recovered materials to the maximum extent possible without jeopardizing the intended use. 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. Unless otherwise specified, none of the above shall be interpreted to mean that the use of used or rebuilt products are allowed under this commercial item description.

A-A-50496A

4.2 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 specified tolerances using conversion tables contained in the latest version of ASTM SI-10 (IEEE/ASTM SI-10), and all other requirements of this commercial item description including form, fit, and function must be met. If a product is manufactured to metric dimensions and these dimensions exceed the tolerances specified in the inch-pound units, a request should be made to the contracting officer to determine if the product is acceptable. The contracting officer has the option of accepting or rejecting the product.

4.3 Standards compliance. The coffee makers shall meet the applicable requirements of UL 197 and UL 1082. Acceptable evidence of meeting the requirements of UL 197 and UL 1082 shall be the UL label, UL listing mark, or a certified test report from a nationally recognized independent testing laboratory, stating the coffee makers have been tested and conform to UL 197 and UL 1082.

5. QUALITY ASSURANCE PROVISIONS.

5.1 Product conformance. The products provided shall meet the salient characteristics of this commercial item description, conform to the producer's own drawings, specifications, standards, and quality assurance practices and be the same product offered for sale in the commercial market. The government reserves the right to require proof of such conformance.

6. PACKAGING. The preservation, packing, and marking shall be as specified in the contract or order.

7. NOTES.

7.1 Source of documents.

7.1.1 The Federal Acquisition Regulation (FAR) and Code of Federal Regulations may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

7.1.2 ASTM Standards are available from the American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959.

7.1.3 IEEE Standards are available from the Institute of Electrical and Electronic Engineers, Inc., IEEE Service Center, 445 Hoes Lane, P.O. Box 1331, Piscataway, NJ 08855-1331.

7.1.4 UL Standards are available from Underwriters Laboratories, Inc., 333 Pfingsten Road, Northbrook, IL 60062.

A-A-50496A

7.2 Ordering data. Acquisition documents should specify the following:

- a. Title, number, and date of this CID.
- b. Type and size of coffee maker required (see 2.).

7.3 Supersession data. This CID replaces CID A-A-50496, dated September 10, 1990.

7.4 Classification cross reference. Cross reference of classification changes between this CID (see 2.) and the superseded CID A-A-50496, is as follows:

| <u>A-A-50496</u> | <u>A-A-50496A</u> |
|--|--|
| Size 8 - 8 cup capacity | No change. |
| Size 10 - 10 cup capacity | No change. |
| Size 12 - 12 cup capacity | No change. |
| Class 1 - Corrosion-resisting material body with thermostatically-controlled dual heating elements, and with or without flavor selector control. | Type I - Thermostatically-controlled dual heating elements, with or without flavor selector control. |
| Class 2 - Polished aluminum body with thermostatically-controlled dual heating elements, and with or without flavor selector control. | Not applicable. |
| Class 3 - Heat-resisting color or polished aluminum body with single heating element and cycling thermostat. | Type II - Single heating element and cycling thermostat. |

7.5 Part Identification Number (PIN). The following part identification numbering procedure is for government purposes and does not constitute a requirement for the contractor. The PIN to be used for items acquired to this description are created as follows:

| | | | |
|---------------|---------|----|----|
| | AA50496 | XX | XX |
| CID number | | | |
| Type (see 2.) | | | |
| Size (see 2.) | | | |

7.6 Metric units. The values stated in inch-pound units or SI units are to be regarded separately as standard. Within the text, the SI units are shown in brackets. The values stated in each system are not exact equivalents; therefore, each system should be used independently of the other. Combining values from the two systems may result in non-conformance with the standard.

A-A-50496A

7.7 Subject term (keyword) listing.

Cycling thermostat
Single heating element
Thermostatically-controlled

MILITARY INTERESTS:

Custodians:

Navy - YD1
Air Force - 99
Army - QM1

Review Activities:

Navy - CG, SA, SH, MC, MS
Air Force - 35, 84
DLA - IS

CIVIL AGENCY COORDINATING ACTIVITY:

GSA-FSS

Preparing Activity:

Navy - YD1

(Project 7310-0899)

STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

INSTRUCTIONS

1. The preparing activity must complete blocks 1, 2, 3, and 8. In block 1, both the document number and revision letter should be given.
2. The submitter of this form must complete blocks 4, 5, 6, and 7.
3. The preparing activity must provide a reply within 30 days from receipt of the form.

NOTE: This form may not be used to request copies of documents, nor to request waivers, or clarification of requirements on current contracts. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements.

I RECOMMEND A CHANGE:

1. DOCUMENT NUMBER
A-A-50496A

2. DOCUMENT DATE (YYMMDD)
980616

3. DOCUMENT TITLE

COFFEE MAKER, PERCOLATOR, ELECTRIC

4. NATURE OF CHANGE *(Identify paragraph number and include proposed rewrite, if possible. Attach extra sheets as needed.)*

5. REASON FOR RECOMMENDATION

6. SUBMITTER

a. NAME *(Last, First, Middle Initial)*

b. ORGANIZATION

c. ADDRESS *(Include Zip Code)*

d. TELEPHONE *(Include Area Code)*
(1) Commercial
(2) AUTOVON
(if applicable)

7. DATE SUBMITTED
(YYMMDD)

8. PREPARING ACTIVITY

a. NAME

RUSSELL REYNOLDS

b. TELEPHONE *Include Area Code)*

(1) Commercial 805-982-5946 (2) AUTOVON 551-5946

c. ADDRESS *(Include Zip Code)*

OFFICER IN CHARGE, SEABEE LOGISTICS CENTER
CODE 15E2, 4111 SAN PEDRO ST.
PORT HUENEME, CA 93043-4410

IF YOU DO NOT RECEIVE A REPLY WITHIN 45 DAYS, CONTACT:

DEFENSE QUALITY AND STANDARDIZATION OFFICE
5203 Leesburg Pike, Suite 1403, Falls Church, VA 22401-3466
Telephone (703) 756-2340 AUTOVON 289-2340