

INCH-POUND

A-A-55436

May 31, 1994

COMMERCIAL ITEM DESCRIPTION

AIR CONDITIONERS, DOUBLE HUNG WINDOW MOUNT

The General Services Administration has authorized the use of this commercial item description in preference to Federal Specification OO-A-372 for Type I, Style I.

ABSTRACT

This commercial item description (CID) covers the requirements for window mount air conditioning units. The units described herein shall be capable of delivering conditioned air to enclosed spaces. All air conditioning units offered shall include a source of refrigeration for cooling and dehumidification, and a source for circulating and cleaning the air.

SALIENT CHARACTERISTICS

Sizes, capacities, electrical characteristics, and energy efficiency ratios. The window mount air conditioners shall be of the following sizes, capacities, electrical characteristics and energy efficiency ratios (EERs) as specified in table I.

Beneficial comments (recommendations, additions, deletions, clarifications, etc.,) and any data which may improve this document should be sent to: Defense General Supply Center (DGSC), ATTN: DGSC-SSA, 8000 Jefferson-Davis Highway, Richmond, VA 23297-5678.

AMSC N/A

FSC 4120

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

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TABLE I. Sizes, Capacities, and Electrical Requirements.

Size	Cooling Capacity (in BTU/Hr)	Electrical Rating (in volts)	Amperes Cooling **	Cooling EER (MIN)*
1	7,500- 8,999	115	7.5	8.5
2	9,000-11,999	115	12.0	8.8
3	12,000-14,999	230/208	6.0/6.3	8.8
4	15,000-17,499	230/208	9.1/9.3	8.8
5	17,500-Over	230/208	11.5/12.0	9.0

* The definition for EER shall be in accordance with AHAM Standard RAC-1.

** Plus or minus 5 percent.

Unit design. The air conditioners shall be designed for double hung windows. The design shall allow the chassis to be easily removed for servicing from the inside without breaking the weathertight seal on the mounting cabinet. The maximum dimensions shall be 19 inches high by 26 inches wide. All mounting devices necessary for installation shall be provided.

Operation. The air conditioning units shall operate on 60 Hz, single phase current and shall control the exhaust of room air and the admittance of outside air. An adjustable thermostat shall be provided to automatically control the temperature from 65 to 85 degrees Fahrenheit (°F), $\pm 3^{\circ}\text{F}$. The circulating fan motor shall have three or more speeds. For electrical safety, the air conditioners shall be in accordance with Underwriter's Laboratories (UL) Inc. Standard No. 484. Acceptable evidence that the air conditioners conform to UL Standard 484 shall be the UL label or listing mark. Cooling capacity ratings shall be in accordance with the Association of Home Appliance Manufacturers (AHAM) Standard RAC-1. Acceptable evidence of meeting these ratings is a listing in the latest edition of the AHAM Directory of Certified Room Air Conditioners or an AHAM certification seal displayed on the unit. The annual energy consumption shall be determined in accordance with AHAM Standard No. RAC-1. The manufacturer's standard commercial warranty shall apply.

UL and AHAM compliance. The issues of UL Standard No. 484 and AHAM Standard No. RAC-1 in effect on the date of the solicitation shall be used to determine compliance with stated requirements.

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Workmanship. All components and assemblies shall be free of dirt and other extraneous materials. Burrs, slivers, rough die, tool and grind marks, dents, and cracks shall be unacceptable. Castings, molded parts and stampings, if used, shall be free of sand, fins, pits, blow holes, and sprues. The surfaces of parts to be welded or brazed shall be clean. All scale and flux shall be removed from the finished weld area. The welds shall be smooth. Threaded fasteners shall not be missing, broken, cracked, or stripped. There shall be no defects affecting serviceability, durability, or appearance.

REGULATORY REQUIREMENTS

Recycled materials. The offeror/contractor is encouraged to use recovered materials in accordance with Public Law 94-580 to the maximum practical extent. Recycled or reclaimed materials may be used in the construction of the equipment described herein to the maximum extent possible. Recycled and reclaimed materials shall consist of previously used material which has been reprocessed to become a source of new raw materials. Under no circumstances shall the contractor submit to the Government for acceptance reconditioned or rebuilt components as a part of the equipment described herein.

Refrigerant. Any non-ozone depleting refrigerant, except refrigerant blends containing propane, may be used. Ammonia and Class I ozone depleting chemical compounds are not acceptable. HCFC refrigerant, R-22, shall be acceptable for these units.

PRESERVATION, PACKAGING, PACKING, LABELING, AND MARKING

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

NOTES

AHAM Standard RAC-1 is available from the Association of Home Appliance Manufacturers, 20 North Wacker Drive, Chicago, IL 60606.

UL Standard No. 484 is available from Underwriters Laboratories Inc., 333 Pfingsten Road, Northbrook, IL 60062.

When this CID is used for procurement, the commercial item certification clause must appear in the solicitation.

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KEY WORDS

Room air-conditioner
Window air-conditioner

MILITARY INTEREST:

Custodians

Air Force - 99
Navy - YD
Army - ME

PREPARING ACTIVITY:
DLA-GS

(Project 4120-1027)

CIVIL AGENCY COORDINATING ACTIVITY:

GSA-FSS/7FXE