

A-A-50487
June 23, 1987

COMMERCIAL ITEM DESCRIPTION

DISPLAY CASE, MECHANICALLY REFRIGERATED, MERCHANDISER, VERTICAL, MEDIUM TEMPERATURE

The General Services Administration has authorized the use of this commercial item description.

This commercial item description covers two types of mechanically refrigerated medium temperature merchandiser type vertical display cases. Type I display cases have self-contained refrigeration units and Type II display cases have remote refrigeration units. The display cases are used to display eggs, biscuits, dairy products, etc. Merchandiser type display cases have open fronts without doors and are designed for self-service.

Salient characteristics.

The shells of the Type I and Type II display cases shall be constructed of machine-welded steel. The front, rear, and end panels shall be constructed of bonderized steel. The interior of the shell shall be reinforced with a fiberglass liner. The display cases shall be insulated with not less than R-19 thermal resistant insulation and shall be water and vapor resistant. The display cases shall have not less than five intervening shelves not less than 16 inches deep that are adjustable on one inch centers. The display cases shall be equipped with a dial thermometer and shall maintain an interior temperature of 35 degrees Fahrenheit (°F) $\pm 1^\circ\text{F}$ for operation in 90°F ambient temperature with 55 percent relative humidity. The display cases shall be equipped with an automatic electric/timed defrost system, condensate heaters, and evaporator fans. The display cases shall be provided with two Underwriters Laboratories approved fluorescent display lights in canopy fascia that are activated by a single light switch. The display cases shall have horizontal cart bumpers constructed of stainless steel and/or rubber vinyl. The color of the display cases shall be glossy yellow conforming to FED-STD-595, color number 13613. The outside dimensions of the display cases shall be between 72 inches to 75 inches in length, 33 inches to 44 inches in depth, and 80 inches to 95 inches in height minimum of 48 square feet of refrigerated display area is required.

Type I. Type I display cases shall be equipped with a 1 1/2 to 1 3/4 horsepower (hp) self-contained hermetic refrigeration support system, a condensing unit mounted topside, and condensate pump.

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

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Type II. Type II display cases shall be equipped with not less than 1 1/2 hp remote hermetic refrigeration support system. Type II display cases shall also be provided with a 1 inch waste drain.

Electrical characteristics. Unless otherwise specified in the contract or order, the compressors and condensing units shall operate on 208 volts, 60 Hertz (Hz), single phase power supply. Unless otherwise specified in the contract or order, the controls, lights, and evaporator fans shall operate on 115 volts, 60 Hz, single phase power supply. Wiring shall be in accordance with National Electrical Manufacturers Association (NEMA) WC 5 or NEMA WC 7.

Regulatory requirements. The offeror/contractor is encouraged to use recovered materials in accordance with Public Law 94-580 to the maximum extent practicable.

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

Notes. Purchaser should specify the following:

- a. Type required.
- b. Electrical characteristics, if other than as specified.
- c. When controls, lights, and evaporator fans are to operate on other than 115 volts, 60 Hz, single phase power.
- d. Preservation, packaging, packing, labeling, and marking required.

Source of information for Government documents.

FEDERAL STANDARD

FED-STD-595 - Colors

Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

Source of information for non-Government documents.

National Electrical Manufacturers Association, 2101 L Street N.W., Washington, DC 20037.

Underwriters Laboratories, Inc., 333 Pfingsten Road, Northbrook, IL 60062.

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MILITARY INTERESTS:

Military Coordinating Activity

Navy - YD

Custodians

Army - GL

Navy - YD

Review Activities

Army - MD, TS

DLA - GS

CIVIL AGENCY COORDINATING ACTIVITY:

GSA-FSS

PREPARING ACTIVITY:

Navy - YD

Project 4110-0401