

A-A-2113A  
June 20, 1986  

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SUPERCEDING  
A-A-2113  
November 22, 1982

COMMERCIAL ITEM DESCRIPTION

CABINETS, WARDROBE AND STORAGE,  
CONTEMPORARY STYLE, STEEL GENERAL OFFICE

The General Services Administration has authorized the use of this Commercial Item Description in preference to Interim Federal Specification AA-C-001770.

Salient Characteristics:

These characteristics concisely describe the essential physical and functional/performance features of the commercially available items.

Design. The cabinets shall be contemporary style intended for heavy duty office use (see attached figures).

Types, classes, sizes and styles.

Type I - Storage cabinets

Type II - Combination Storage and Wardrobe Cabinets

Type III - Wardrobe Cabinet

Class 1 - Double Door

Class 2 - Single Door

Size 1 - 36"W x 18"D x 78"H minimum

Size 2 - 36"W x 18"D x 64"H minimum

Size 3 - 18"W x 18"D x 78"H minimum

Size 4 - 18"W x 18"D x 64"H minimum

Style A - Left Hand Door

Style B - Right Hand Door

General construction: The joining of all the components shall result in compact units of sufficient strength to prevent distortion, breakage or loosening of any component during handling, shipping, daily usage and when moved within the office. All cabinets shall comply with the specified test requirements. The appearance of the cabinets and the arrangement of interior components shall be generally as shown

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in the applicable figures. All cabinets shall have a minimum of two-point latch device. The cabinets shall be furnished ready for complete and proper assembly (shipped knocked-down) or shall be completely and properly assembled by the contractor (shipped set up) as specified by the contracting officer.

Face hardware. The face hardware includes a flush pull assembly and a pin or disk tumbler key lock with two keys. The lock shall have not less than 125 key changes. Face hardware shall be polished chrome plate on steel or die cast zinc, or polished anodized aluminum.

Coat hooks. Coat hooks shall be commercially available items. Hooks shall be anodized or plated to resist rust. Ends shall be closed and smooth.

Shelves. Shelves shall be as wide and deep as possible within the limitations of the cabinet construction. Hat shelves shall be nonadjustable and shall clear the nearest obstruction above it by not more than 12 or less than 8 inches. Adjustable shelves shall have at least one 90 degree flange on front back and each side and additional formations and components when necessary for proper engagement of shelf supports and compliance with shelf load test. Adjustable shelves in type II cabinets shall extend between the cabinet side and vertical partition.

Shelf supports. Type I and II cabinets shall have supports for shelves which permit shelf adjustment on two inch centers or less without the use of tools or separate clips. They shall provide positive balanced support for the shelves at-four or more locations. Shelf supports created by lancing the sides and/or the backs of the cabinet are not permitted. The shelf supports shall provide shelf adjustment to within 10 inches of the nearest obstruction at the top and bottom of the cabinet.

Vertical dividing partition. The vertical dividing partition shall extend the full depth of the interior of the cabinet. Its front face shall be formed and shall be even with or shall extend beyond the adjustable shelves. It shall also extend between the bottom and the hat shelf, or between the bottom and the top, depending on the size of the cabinet, dividing the cabinet into two equal compartments as determined visually.

Coat rod. The coat rod shall be a plated steel rod or plated steel tube used on standard commercial storage and wardrobe cabinets that are similar to those described. The rod shall support rigidly capacity loads of evenly distributed heavy clothing. It shall be located in the wardrobe compartment and shall clear the underside of the hat shelf or the underside of the top, depending on size of the cabinet. It shall be securely attached to the hat shelf or to the top. The rod shall span the wardrobe or cabinet compartment from side-to-side to the extent that it will permit clothing to be hung across the entire width of the compartment interior.

Type I. All type I cabinets shall be equipped with six adjustable shelves.

Type II. All type II cabinets shall be equipped with six adjustable shelves, or vertical dividing partition, one coat rod and two coat hooks. The type II, size 1 cabinet shall be equipped with a hat shelf. The specified hooks shall be on the right side of the wardrobe compartment.

Type III. All type III cabinets shall be equipped with a coat rod. Sizes 1 and 3 shall be equipped with a nonadjustable hat shelf.

Assembly hardware. Hardware necessary for assembly of knocked-down cabinets shall be segregated by basic sizes, packaged and identified to facilitate set-up. Assembly instructions shall be provided.

Finish. The finish shall be semi-gloss baked enamel. Colors shall be as specified in the contract or order; black shall match Federal Standard No. 595 Color No. 27040; parchment shall be within the range - delineated by Federal Standard No. 595 Nos. 26586 and 26405.

Identification label. The label shall have the contractor's name or trademark, contract number, NSN (if specified), month and year of manufacture legibly marked in dark ink. The label shall be located on the inside of the cabinet, approximately midpoint between the top and bottom. The label shall not be removable by hand without defacement after being affixed for four hours.

Workmanship. The workmanship shall be of the quality to produce finished wardrobe and storage cabinets acceptable in

appearance, function and serviceability and prevent potential hazard to personnel or their clothing.

Performance. Each cabinet shall comply with the following requirements. Failure to comply with these requirements shall be cause for rejection.

Assembly test. A completely knocked-down cabinet shall be easily set up using common hand tools. Instructions shall be provided.

Door hinge test. This test shall be conducted on completely assembled cabinets. With the cabinet in an upright position, a 150 pound test load shall be suspended from the door (each door of double door cabinets, but not necessarily at same time) by a rope located not more than three inches back from the latch side of the top-edge of the door. To preclude tilting or upsetting during the test, counterweights may be placed within the cabinet. In a normal manner the door shall be pivoted back and forth, at least 110 degrees in each direction. Each door shall be pivoted each way not less than six times. The weight shall then be removed from the door. If the door binds when closed or fails in any other respect it shall be considered as having failed the test. Failure to pass the test shall be cause for rejection.

Shelf load test. This test shall be performed on shelves in Type 1, class 1 cabinets only. The required number of shelves for the cabinet being tested shall be adjusted so that they are as equidistant as possible from each other and from the top and bottom of the cabinets. The tests shall be performed consecutively on each shelf. The test area shall be the entire top of the shelf minus three inches from each side. A weight of 60 pounds shall be equally distributed on the area specified. The weight shall remain on the-shelf at least 15 minutes. With the weight on the shelf, a measurement shall be taken from the bottom center of the shelf downward to a point of reference established before the weight was applied. The shelf shall not have more than 1/4 inch deflection while loaded or 1/6 inch permanent deflection after the load is removed. The cabinet shall then be visually examined. Any damage to the shelf support, deformation of any component, cracked or broken welds, or loosening of any fastening device shall be cause for rejection.

Cabinet Moving Test. This test shall be conducted on one cabinet of each type, class, and size. The load area for all shelves shall be the entire top of the shelf minus three inches from each side. Coat rods shall be loaded across the entire width of the rod, minus 2 inches on the side. All shelves shall be spaced as equidistant as possible between each other and between the top and bottom of the cabinet. Shelves, bottoms and coat rods shall be loaded with weights in the amounts shown in table below. The cabinets shall be pushed or pulled at a rate of approximately 3 feet per second for a distance of not less than 25 feet, across a concrete or tile floor. The force shall be applied at a height of 36 to 42 inches above the floor. The weights shall be removed and the cabinets examined to determine that no part of the cabinet suffered any permanent deformation. Also, there shall be no cracked or broken welds, or any looseness of mechanical attachments

			Shelves	Bottom	Coat Rod
Type I,	Class 1,	Size 1 & 2	30	30	
	Class 2,	Size 3 & 4	15	20	
Type II,	Class 1,	Size 1 & 2	15	20	15
Type III,	Class 1,	Size 1	30	30	25
		Size 2		30	25
	Class 2,	Size 3	15	20	15
		Size 4		20	15

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

Packaging, packing and marking. Packing, packing and marking shall be in accordance with the solicitation.

Standard Color. A sample of the specified enamel color is obtainable from the Business Service Center, Federal Supply Service, General Services Administration, Washington, DC 20407 or from the Business Service Center in the nearest General Services Administration Regional Office.

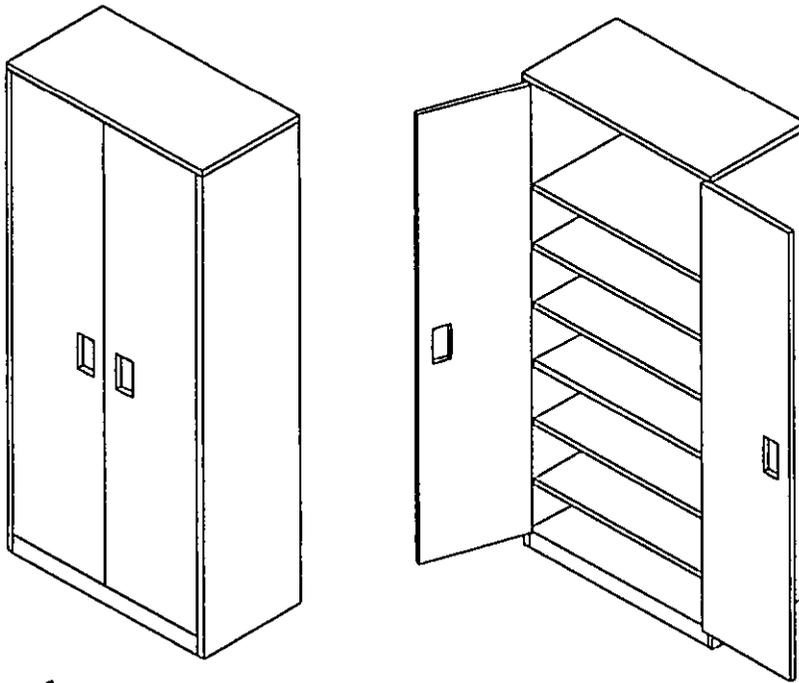


Figure 1  
Type I, Class 1, Sizes 1 and 2

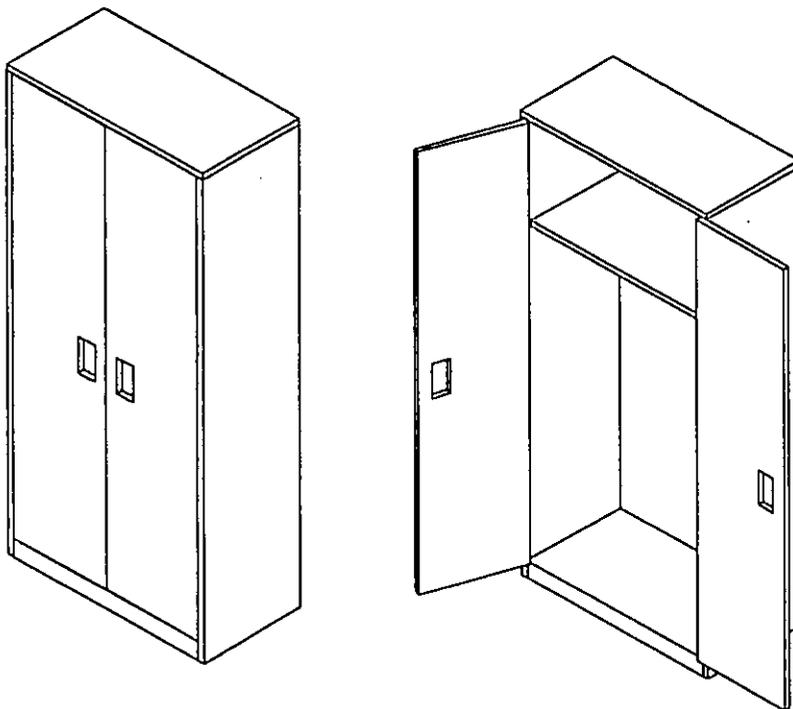
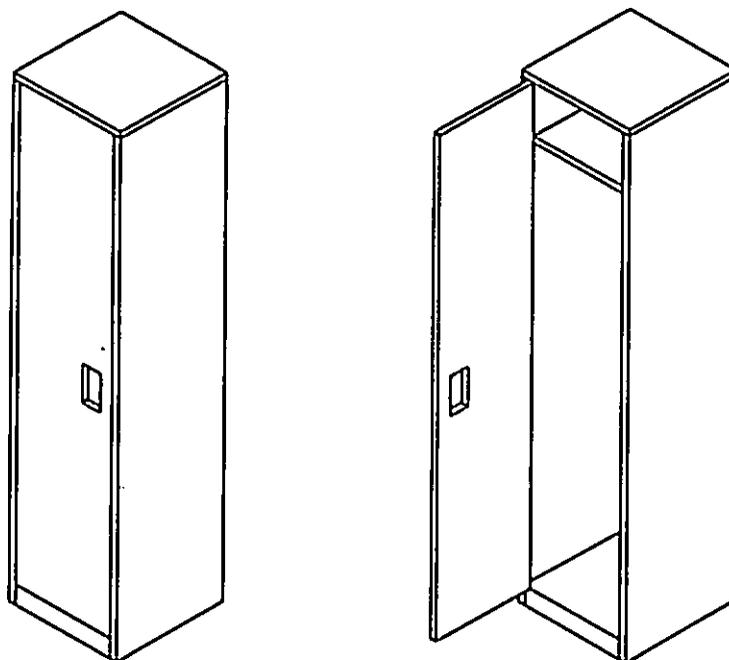


Figure 2  
Type III, Class 1, Sizes 1 and 2

Note: Size  
2 cabinets  
do not have  
hat  
shelves.



Note: Size  
4 cabinets  
do not have  
hat  
shelves.

Figure 3  
Type III, Class 2, Sizes 3 and 4

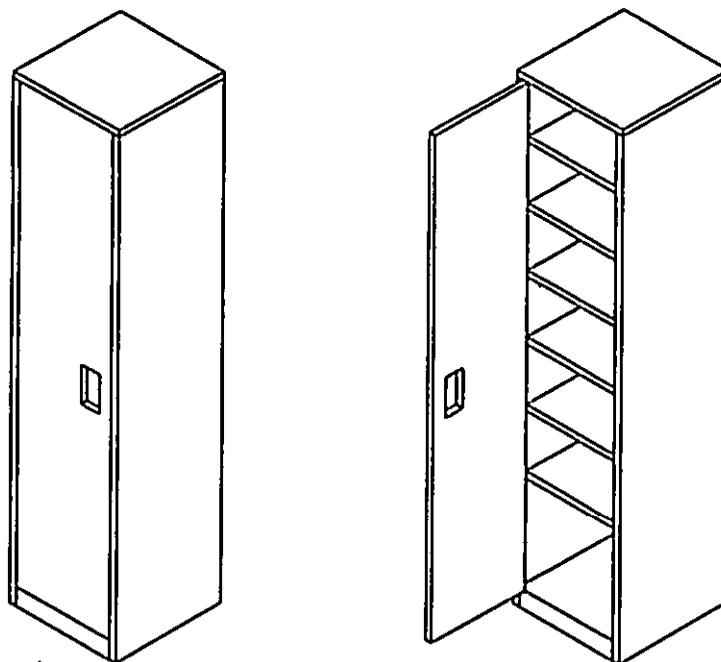


Figure 4  
Type I, Class 2, Sizes 3 and 4

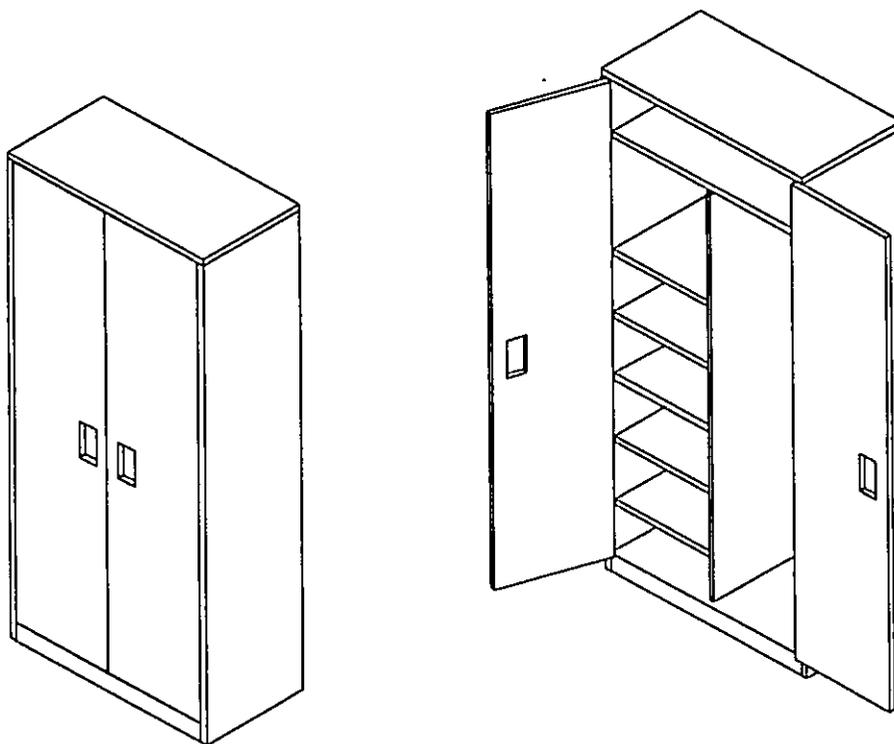


Figure 5  
Type II, Class 1, Sizes 1 and 2