

Casework General Specifications

Equipment:

Miscellaneous Casework

Manufacturer Model:

Specify Shandon as manufacturer and applicable part number here.

Overall Dimensions:

Varies

Fabrication of Cabinets:

- Base, wall and tall storage cabinets to be fabricated of 18 and 20 gauge Type 304 stainless steel with a #4 finish.
- Standard cabinets are fabricated from stainless steel. Call for information on painted cabinets.
- Overlapping doors and drawers conceal cabinet face and provide increased drawer storage. Utilizing the latest cabinet design technology allows the use of different materials on doors and drawer fronts if desired.
- Base cabinets may be provided with removable drawers or telescoping shelves behind doors.
- Fully enclosed back panels in all door and drawer cabinets.
- Ends of all cabinets to be finished for future relocation.
- Vented cabinets are available upon request.

Fabrication of Cabinet Sub-base:

- Each base cabinet comes with a separate sub-base which eliminates adjustment bolt holes in cabinet bottom.
- Each sub-base has 1.5" (3.8 cm) adjustment bolts mounted in 12 gauge extruded weld nuts. Nuts are located 1" (2.3 cm) from the corners for added stability.
- Solid sub-base may be custom fabricated to support multiple cabinet units. Specify at time of quote request.
- Toe space to be 4" (10.2 cm) height x 3" (7.6 cm) depth at underside of cabinet.

Fabrication of Doors:

- All doors to be 0.75" (1.9 cm) thick double pan construction.
- Outer pan to be 18 gauge. Inner pan to be 20 gauge.
- Doors to have insulation board for sound deadening and additional strength.
- Tapped reinforcement strips to be 14 gauge for hinge attachment.
- Rubber bumpers located at corners.
- Sliding doors provided with bottom rollers and top and bottom tracks.
- Solid stainless steel doors and abrasion resistant polycarbonate doors are interchangeable in the field.
- Abrasion resistant polycarbonate doors of 0.25" (0.6 cm) thick material with a stainless steel moulding.
- Key-locks are available for doors. Specify at time of quote request.

Fabrication of Drawers:

- Drawer bodies formed of 20 gauge stainless steel with beaded top edges.
- Drawer heads to have insulation board for sound deadening and additional strength.
- Drawer sizes interchangeable in the field.
- Pencil drawers may be inverted and used as writing shelf.
- Full extension heavy-duty, ball bearing suspension with integral stops to prevent involuntary removal.
- Key-locks are available for drawers. Specify at time of quote request.

Fabrication of Shelves:

- All cabinet shelves are adjustable on 1.5" (3.8 cm) centers.
- Shelves to have all edges flanged down 1" (2.5 cm). The flange at front and at back will be turned up at a 45 degree angle to firmly contact underside of shelf.
- Telescoping shelves available. These shelves use the same track mechanism as drawers, allowing pull-out access. Maximum of 10 shelves in standing height base cabinet.
- Shelves to be supported by brackets inserted in slots which are punched in vertical supports at each corner.

Fabrication of Hardware:

- European-style concealed, self-closing hinges with vertical and side adjustments of approximately 0.125" (0.32 cm) meet worldwide industry standards and are backed by manufacturer's warranty.
- All stainless steel doors and drawers provided with black ABS plastic flush pocket pulls.

Fabrication of Countertops:

- Formed of 14 gauge Type 304 stainless steel with reinforcing channels.
- All joints to be welded, ground smooth and polished to a #4 finish.
- Sink bowls to be integrally welded into the tops and holes punched behind for faucet hardware.
- All countertops with sinks will have a raised marine edge.
- Hairline field joints to be used only when necessary to join long sections.
- Composite epoxy or custom material countertops are available upon request.

Cabinetry Ordering Guidelines

Base Cabinets:

1. Determine if base cabinets in your selection are either sitting-height at 29.75" high (75.57 cm) or standing-height at 36.00" high (91.4 cm). Heights do not include countertop configurations.
2. Select the cabinet desired from the options provided on the following pages of the Thermo Electron product catalog. Selections are based on door and drawer configurations, and width of cabinets needed. See Figure 1 for example of a single base cabinet.
3. If a double-wide cabinet (two single cabinets assembled together) is needed, please specify the cabinets by their part numbers. See Figure 2 for example.
 - a. Cabinets up to 24.00" (61.0 cm) wide can be used to form double-wide cabinets.
 - b. Sitting-height and standing-height styles are not typically assembled together when building a double-wide cabinet.
 - c. Choosing from diverse cabinet configurations allows customers to arrange base cabinets that will best suit their needs.
4. Thermo Electron offers stainless steel countertops, along with epoxy and several other material options.
 - a. All countertops can be fabricated to include sinks, faucets and other fixtures.
 - b. When ordering a stainless steel countertop, add 1.25" [3.175 cm] to the overall height of the assembled base cabinet.
 - c. Alternative countertop materials come in a variety of colors. Please see a Thermo Electron sales representative for more information.
 - d. Base cabinets may be ordered in special sizes and configurations. Please see a Thermo Electron sales representative for more information.

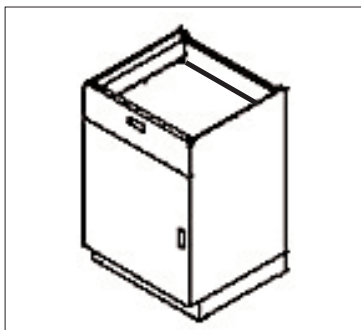


Figure 1

Wall Cabinets:

1. Determine if wall cabinets in your selection are either single-shelf at 25.00" high (63.5 cm) or double-shelf at 31.00" high (78.7 cm).
 - a. Standard wall cabinets are fabricated with either solid stainless steel or transparent mar-resistant polycarbonate doors.
 - b. Doors either slide along tracks or mount on hinges.
 - c. Polycarbonate doors are fabricated with a stainless steel frame for durability.
 - d. Wall cabinets may be ordered in special sizes and configurations. Please see a Thermo Electron sales representative for more information.

Tall Storage Cabinets:

1. Tall storage cabinets can be ordered as single-door or double-door units.
2. Standard tall storage cabinets include five (5) shelves for optimal storage.
 - a. Standard tall storage cabinets are fabricated with either solid stainless steel or transparent mar-resistant polycarbonate doors.
 - b. Doors either slide along tracks or mount on hinges.
 - c. Polycarbonate doors are fabricated with a stainless steel frame for durability.
 - d. Tall storage cabinets may be ordered in special sizes and configurations, including ventilated designs. Please see a Thermo Electron sales representative for more information.

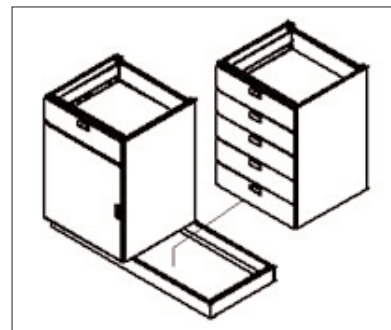


Figure 2

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