

# Architectural Manual



**DIVERSIFIED**  
CASEWORK

DC/MAR2013



### **MAJESTIC STYLE - FULL OVERLAY**

This style is full overlay construction with 3/4" thick particleboard core door and drawer fronts with either oak, maple, or custom veneer with a minimum 3mm banding. The door and drawer fronts occupy a plane extending 3/4" past the plain of the cabinet body front. Edges of the door and drawer fronts overlap the front edge of the cabinet by 1/4". The door and fronts are vertical grain matched.

### **MILLENNIUM STYLE - LIPPED**

This style is full-radius edge overlay construction with 3/4" oak, maple, or custom framed with routed door and drawer fronts with a lip. The door and drawer fronts occupy a plane extending 3/8" past the plane of the cabinet body front. Edges of the door and drawer fronts are radiused and overlap front edge by 1/4".



### **MONARCH STYLE - FULL OVERLAY WITH PULL**

This style is continuous wooden full overlay construction with 3/4" thick particleboard core door and drawer fronts in either oak, maple, or custom veneer with a 3mm banding and attached continuous wooden pull. The door and drawer fronts occupy a plane extending 3/4" past the plane of the cabinet body front. Sides of the door and drawer fronts have eased edges. The door and drawer fronts overlap the front edge of the cabinet by 1/4". Continuous wood pulls are attached at the top of drawers and doors on base cabinets and the bottom of wall cabinet doors. Tall full-height storage cases have 3-point latching hatches. The door and fronts are vertical grain matched.

# cabinet styles





**NORTHWOODS (Oak)**



**GOLDEN TAN (Oak)**



**PECAN (OAK)**



**RICH HONEY (OAK)**



**COOSA (OAK)**

*NOTE: Maple and other veneers are available.*

# stain options



and for the public interest. These practices are designed to promote better understanding between designers, architects, manufacturers, purchasers, and end users to assist the purchaser in selecting and specifying the proper product to meet the user's particular needs.

**SEFA 8 CERTIFICATE OF PERFORMANCE  
INDEPENDENT TEST LAB**

Diversified Woodcrafts, Inc. contracted with Bjorksten Research Laboratory, 2 Fen Oak Court, Madison, WI 53718 to test our laboratory casework as it conforms to the SEFA 8 standards. The finish tests were performed by Chemcraft International, Inc., 1101 N. Bluemound Drive, Appleton, WI 54914. The summary results are shown below.

**LABORATORY FURNITURE - SEFA 8**

This recommended practice is intended to provide manufacturers, specifiers, and users tools for evaluating the safety, durability, and structural integrity of laboratory casework and complimentary items.



**WHAT IS SEFA?**

The Scientific Equipment and Furniture Association (SEFA) is a voluntary international trade association representing members of the laboratory furniture, casework, fume hood and related equipment industry. The Association was founded to promote this rapidly expanding industry and to improve the quality, safety and timely completion of laboratory facilities in accordance with customer requirements.

SEFA members work together to establish, monitor and modify, as needed, industry-wide recommended practices in the areas of fume hoods, laboratory work surfaces, equipment and furniture installations.

**SEFA RECOMMENDED PRACTICES**

SEFA and its committees are active in the development and promotion of recommended practices having domestic and international applications. Recommended practices are developed by the association taking into account the work of other national standard-writing organizations. Liaison is also maintained with government agencies in the development of their specifications. SEFA's recommended practices are developed in

**DESCRIPTION OF TEST CABINET**

Diversified Woodcrafts, Inc. model number 108-4822, 48" wide x 22" deep combination base cabinet with one (full opening) drawer and two doors. Cabinet was leveled and the drawers, doors, hinges, latches, etc. were inspected and all were operating properly. The wall cabinet was Diversified Woodcrafts, Inc. model number D03-4812, 30" high x 48" wide x 12" deep with 2 doors and 2 movable shelves.

Test	Result	Test	Result
4.2	Pass	6.3	Pass
4.3	Pass	6.4	Pass
4.4	Pass	6.5	Pass
4.5	Pass	7.1	Pass
5.1	Pass	8.1	Pass
5.2	Pass	8.2	Pass
5.3	Pass	8.3	Pass
6.1	Pass	9.2	Pass
6.2	Pass		

### CABINET LOAD TEST

#### 4.2.1 Purpose of Test

The cabinet load test challenges the structural integrity and the load-bearing capability of the cabinet construction. The test demonstrates the ability of the cabinet to support heavy loads.

#### 4.2.2 Test Procedure

The cabinet top was loaded using 2,000 pounds of solid steel bars stacked five high, in eight equally spaced rows. After 10 minutes, the bars were removed from the cabinet.

#### 4.2.3 Acceptance Level

There are no signs of permanent damage.



### CABINET CONCENTRATED LOAD TEST

#### 4.3.1 Purpose of Test

The purpose of the test is to challenge the functional characteristics of the cabinet when subjected to a concentrated load on the center of the cabinet top.

#### 4.3.2 Test Procedure

Four, 50 pound solid steel bars were placed on top of the cabinet, along the cabinet centerline. With the weight in place, the drawers and doors were operated and inspected.

#### 4.3.3 Acceptance Level

Doors and drawers operated normally. There is no permanent distortion to the front rail, cabinet joinery, doors, or drawers.



### CABINET TORSION

#### 4.4.1 Purpose of Test

The test evaluates the structural integrity of the cabinet construction when subjected to torsional load.

#### 4.4.2 Test Procedure

The cabinet was supported on three, 3-1/4" x 3-1/2" x 4"H hardwood blocks, located under the two rear corners and one front corner. The cabinet was secured, diagonally from the unsupported corner with seven, 50 pound, solid steel bars to prevent overturning. Four, 50 pound, solid steel bars were placed on the unsupported corner of the cabinet and left in position for 15 minutes. The weights were then removed and the cabinet was placed on the floor in its normal, upright, position. The cabinet joinery was inspected and the cabinet was leveled and measured, diagonally, between the corners of the face and the back of the cabinet.

#### 4.4.3 Acceptance Level

When returned to normal position, the operation of the cabinet was normal and there was no evidence of permanent damage. The difference between the diagonal measurements does not exceed 1/8" front or back.





### CABINET SUBMERSION TEST

#### 4.5.1 Purpose of Test

The test demonstrated the ability of a cabinet to resist standing water.

#### 4.5.2 Test Procedure

The thickness of the material along the perimeter of the bottom of the cabinet was measured on 6" increments. The thickness was recorded and the arithmetic mean was calculated. The cabinet was then placed in a pan of water so that the bottom 2" of the cabinet was submerged. The cabinet remained in the water for 4 hours and then it was removed and immediately re-measured at the same locations that were measured initially. The thickness at each location was recorded and the arithmetic mean was calculated. After the cabinet had dried, it was inspected for damage.

#### 4.5.3 Acceptance Level

The cabinet shows no signs of permanent deformation or deterioration and the average increase in thickness is less than four percent (3.5%).



### DOOR HINGE TEST

#### 5.1.1 Purpose of Test

The test demonstrates the durability of the door and its hardware to an applied load of 200 pounds.

#### 5.1.2 Test Procedure

The shelf was removed and weight was placed on top of the cabinet to prevent it from overturning. A cabinet door was opened 90° and a sling with four 50 pound weights was hung over the top of the door, at a point out from the hinge centerline. The door was then slowly moved through the full cycle of the hinge (up to a 160° arc). The weight was then removed, the door was swung through its full intended range of motion, and closed.

#### 5.1.3 Acceptance Level

There was no significant permanent distortion and the door operated normally after the weight was removed.



### DOOR IMPACT TEST

#### 5.2.1 Purpose of Test

The test demonstrates the resistance to a 240 inch-pound impact to the door face.

#### 5.2.2 Test Procedure

Eight, 50 pound solid steel bars were placed on top of the cabinet to prevent overturning. A 20 pound sand bag was then suspended from a pendulum support and dropped providing an impact of 240 inch-pound at the center of a closed door.

#### 5.2.3 Acceptance Level

Door and catch operated normally and show no signs of permanent damage.



### DOOR CYCLE TEST

#### 5.3.1 Purpose of Test

The test demonstrates the ability of the door hinge hardware to withstand 100,000 cycles as a reliable measure of longevity.

#### 5.3.2 Test Procedure

A cycling mechanism, that swings a door through an arc of 90°, was operated for 100,000 cycles.

#### 5.3.3 Acceptance Level

The door operated for the full 100,000 cycles without deterioration that significantly affected the function of the door. After completion of the test, the door operates freely and without binding.



### DRAWER STATIC LOAD TEST

#### 6.1.1 Purpose of Test

The test demonstrates the ability to support a point load given to the front of the drawer and will challenge the attachment of the drawer head to the drawer.

#### 6.1.2 Test Procedure

Eight, 50 pound solid steel bars were placed on top of the cabinet to prevent overturning. A drawer was opened to 13" of travel and 150 pounds was hung from the drawer head, at the centerline of the drawer, for 5 minutes. The weight was then removed and the drawer was operated through the full cycle.

#### 6.1.3 Acceptance Level

There was no interference with the normal operation of the drawer.



### DRAWER & DOOR PULL TEST

#### 6.2.1 Purpose of Test

The test evaluates the strength of the pull and the pull hardware.

#### 6.2.2 Test Procedure

The pulls were installed in accordance with Diversified Woodcrafts practice using specified attaching hardware and method. A drawer and a door were blocked closed and a cable, pulley, and weight assembly was used to apply a force of 50 pounds perpendicular to each pull. Similar set-up was then used to hang a 50 pound weight from each pull.

#### 6.2.3 Acceptance Level

Pulls resisted the force and supported the weight and there is no evidence of permanent distortion..



### DRAWER IMPACT TEST

#### 6.3.1 Purpose of Test

The test demonstrates the resistance to impact of the drawer bottom and the slide mechanism.

#### 6.3.2 Test Procedure

A drawer was opened to 13" of travel and then a 10 pound sand bag was dropped, from a height of 24", into the bottom of the drawer, at the centerline of the width of the drawer and 6" back from the inside face of the drawer.

#### 6.3.3 Acceptance Level

The drawer was operated through a full cycle and it operated normally. There was no visible deformation of the drawer.



### DRAWER INTERNAL ROLLING IMPACT

#### 6.4.1 Purpose of Test

The test evaluates the strength of the drawer head, bottom, and back as a result of opening and closing the drawer with a rolling load.

#### 6.4.2 Test Procedure

The drawer was positioned on a table at a 45° angle and a 2" diameter by 12" long steel rod, that weighs approximately 10 pounds, was positioned 13" from the target impact area such that the rod rolled freely to impact the back of the drawer. The back was subjected to three impacts and then the drawer was reversed and the front was subject to three additional impacts.

#### 6.4.3 Acceptance Level

There are no visible signs of permanent damage. All joinery is intact and the drawer operated normally when returned to the unit.



### DRAWER CYCLE TEST

#### 6.5.1 Purpose of Test

The test is intended to replicate years of operation of a drawer under full load.

#### 6.5.2 Test Procedure

A static load of 100 pounds (using ten 10 pound sand bags) was uniformly distributed in a drawer and the force required to activate the drawer was measured. The drawer was then opened from a closed position to a position within 1/4" of full extension and then closed. The procedure was repeated 50,000 times at a rate that did not exceed 10 cycles per minute.

#### 6.5.3 Acceptance Level

After the 50,000 cycles were completed, the drawer operated freely with no evidence of dragging, rubbing, or binding. The force required to open and close the loaded drawer increased by 7.1% which is less than the allowable maximum (20%). The force required to open and close the loaded drawer was less than 8 pounds.







## SHELVING

### 7.1.1 Purpose of Test

The test demonstrates the ability of a shelf and mounting hardware to support normal laboratory loads.

### 7.1.2 Test Procedure

The shelf was mounted in the manner in which it was designed and a dial indicator was positioned under the center of the shelf and adjusted to zero. Thirteen 10 pound sand bags were uniformly distributed on the shelf to obtain a loading of 40 pounds per square foot of shelf area and the deflection was recorded. The weight was then removed from the shelf.

### 7.1.3 Acceptance Level

The deflection of the shelf under load - 0.245" which is less than the allowable maximum of 0.25." There was no significant permanent distortion of the shelf.



## WALL CABINET LOADING TEST

### 8.1.1 Purpose of Test

The test demonstrates the strength of the back of the wall cabinet as well as the joinery of the cabinet and function of the doors when the unit is subjected to loads normally expected for laboratory furniture.

### 8.1.2 Test Procedure

130 pounds of sand bags, 40 pounds per square foot, were used to load the cabinet bottom, the cabinet top and shelves. With the weight in place the doors were operated through their full travel to verify normal operation. The weight was then removed and the doors were again operated through their full travel to verify normal operation.

### 8.1.3 Acceptance Level

Doors opened and closed normally with and without the weight in place. There is no significant permanent deflection or damage to cabinet, cabinet back, cabinet top, cabinet bottom or shelf.



## TABLE TEST

### 9.1.1 Purpose of Test

This test will demonstrate the structural integrity of the table construction when subjected to a racking load. Most racking failures occur upon dragging an unloaded table across a floor. The ability of a table to resist a racking load will indicate less damage to the structure. The following tests were based on and adapted from ANSI/BIFMA X5.5-1989 American National Standard for Office Furnishings "Desk Products-Tests." Adjustments have been made to better accommodate the specific applications of tables used in laboratories.

### 9.1.2 Test Procedure

The table shall have a common two-by-four wood rail clamped on the centerline of the top parallel to the ends of the table. The table shall then be positioned at 45°, with one pair of legs on the floor and the other raised and supported (see Figure 14). The table shall then have 250 pounds (113.398 Kg) of weight (five 50-pound (22.679 Kg) bars) placed on its top and held in place by the two-by-four wood rail. The unit shall remain in this position for seventy-two hours. The unit shall be lowered without shock to the leveled surface and the general operation of the drawers shall be evaluated.

### 9.1.3 Acceptance Level

When returned to normal position, the operation of the table was normal, and there was no permanent damage.



# [ SEFA RESULTS ]



**CHEMICAL RESISTANCE TESTING ( RATING SCALE )**

**LEVEL 0 = NO DETECTABLE CHANGE**  
**LEVEL 1 = SLIGHT CHANGE IN COLOR OR GLOSS**  
**LEVEL 2 = SLIGHT SURFACE ETCHING OR SEVERE STAINING**  
**LEVEL 3 = PITTING, CRATERING, SWELLING, EROSION OF COATING, OBVIOUS & SIGNIFICANT DETERIORATION**

CHEMICAL	RATING	COMMENTS
Amyl Acetate	0	
Ethyl Acetate	0	
Acetic Acid 98%	0	
Acetone	0	
Acid Dichromate 5%	0	
Butyl Alcohol	0	
Ethyl Alcohol	0	
Methyl Alcohol	0	
Ammonium Hydroxide 28%	2	Severe staining (dark became black)
Benzene	0	
Carbon Tetrachloride	0	
Chloroform	0	
Chromic Acid 60%	0	
Cresol	0	
Dichloro Acetic Acid	1	Slight change in gloss
Dimethylformamide	0	
Dioxane	0	
Ethyl Ether	0	
Formaldehyde 37%	0	
Formic Acid 90%	0	
Furfural	0	
Gasoline	0	
Hydrochloric Acid 37%	0	
Hydrofluoric Acid 48%	2	Severe staining (surface became white)
Hydrogen Peroxide 3%	0	
Tincture of Iodine	2	Severe staining (surface became yellow)
Methyl Ethyl Ketone	0	
Methylene Chloride	0	
Mono Chlorobenzene	0	
VM&P	0	
Nitric Acid 20%	0	
Nitric Acid 30%	0	
Nitric Acid 70%	2	Severe staining (surface became brown)
Phenol 90%	0	
Phosphoric Acid 85%	0	
Silver Nitrate (Saturated)	0	
Sodium Hydroxide 10%	2	Severe staining (dark grain became black)
Sodium Hydroxide 20%	2	Severe staining (dark grain became black)
Sodium Hydroxide 40%	2	Severe staining (dark grain became black)
Sodium Hydroxide Flake	0	
Sodium Sulfide (Saturated)	0	
Sulfuric Acid 25%	0	
Sulfuric Acid 85%	2	Severe staining (dark grain became brown)
Sulfuric Acid 96%	2	Severe staining (dark grain became black)
Sulfuric Acid 85% & Nitric Acid 70% (Equal Parts)	1	Slight change in color (yellow stain)
Toluene	0	
Trichloroethylene	0	
Xylene	0	
Zinc Chloride Saturated	0	
<b>TOTAL OF ALL RATINGS</b>	<b>20</b>	



## FINISH TEST

### 10.1.1 Purpose of Test

The purpose of the chemical spot test is to evaluate the resistance the finish has to chemical spills.

### 10.1.2 Test Procedure

The received sample measuring 14" x 24" was tested for chemical resistance as described herein. The panel was placed on a flat surface, cleaned with soap and water, then blotted dry. The panel was conditioned for 48 hours at 73±3°F and 50± 5% relative humidity. The panel was then tested for chemical resistance using forty-nine different chemical reagents by one of the following methods.

*Method A* - Volatile chemicals were tested by placing a cotton ball saturated with reagent in the mouth of a 1-oz. bottle and inverting the bottle on the surface of the panel.

*Method B* - Non-volatile chemicals were tested by placing five drops of the reagent on the surface of the panel and covering with a 24mm watch glass, convex side down. For both methods, the reagents were left on the panel for a period of one hour, then washed off with water, cleaned with detergent and naphtha, and rinsed with deionized water. The panel was then dried with a towel and evaluated after 24-hours at 73± 3°F and 50 ± 5% relative humidity.

### 10.1.3 Acceptance Level

Chemical test exceeded the requirements of no more than four of 49 chemicals tested failed with a fail rate of three.

## HOT WATER TEST

### 10.2.1 Purpose of Test

The purpose of this test is to insure the coating is resistant to hot water.

### 10.2.2 Test Procedure

Hot water (190°F. to 205°F) was allowed to trickle with a steady stream and at a rate of not less than 6 ounces/minute on the finished surface, which was set at an angle of 45°, for a period of five minutes.

### 10.3.3 Acceptance Level

After cooling and wiping dry, the finish showed no visible effect from the hot water.

## IMPACT TEST

### 10.3.1 Purpose of Test

The purpose of this test is to evaluate the ductility of the coating.

### 10.3.2 Test Procedure

A one-pound ball approximately 2" in diameter was dropped from a distance of 12" onto the flat horizontal surface, which was coated to DWI standard manufacturing method.

### 10.3.3 Acceptance Level

There is no visual evidence to the naked eye of cracks or checks in the finish due to impact.



# casework specs

## SECTION 12345 –WOOD SCIENCE CASEWORK AND RELATED PRODUCTS

### PART 1: DESCRIPTION OF WORK

#### 1.00 SUMMARY AND SCOPE

A. Section Includes:

1. All cabinets and casework, including tops, ledges, supporting structures, and miscellaneous items of equipment as listed in these specifications, or equipment schedules including delivery to the building, setting in place, leveling, scribing to walls and floors as required. Furnish and install all filler panels, knee space panels and scribes as shown on drawings.
2. Furnish and deliver all utility service outlet accessory fittings, electrical receptacles and switches, as listed in these specifications, equipment schedules or as shown on drawings as mounted on the laboratory furniture. Items shall be furnished with supply tank nipples and lock nuts, loose in boxes and properly marked. All plumbing and electrical fittings will be packaged separately and properly marked for delivery to the appropriate contractor.
3. Furnish and deliver, packed in boxes for installation by the mechanical contractor, all laboratory sinks, cup sinks or drains, drain troughs, overflows and sink outlets with integral tailpieces, which occur above the floor and where these items are part of the equipment or listed in the specifications, equipment schedules or shown on the drawings. Integral tailpieces when required shall be in accordance with the manufacturer's standards. All tailpieces shall be furnished less the couplings required to connect them to the drain piping system.
4. Furnish service strip supports and set in place service tunnels, service turrets, supporting structures and reagent racks of the type shown on the details.
5. Remove of all debris, dirt and rubbish accumulated as a result of the installation of the science casework to an onsite container provided by others, leaving the premises clean and orderly.

B. Related Divisions:

1. Divisions 5 & 6 : Behind-the-Wall Blocking and Studs
2. Division 9 : Base Molding
3. Division 11: Chemical Fume Hoods
4. Division 15 : Plumbing
5. Division 16 : Electrical Fittings and Connections

C. Related Publications:

1. Architectural Woodwork Institute, Architectural Woodwork Standards, Latest Edition
2. NFPA 30 – National Fire Protection Association
3. NFPA-45 - National Fire Protection Association
4. UL - Underwriters Laboratory
5. ASTM D552 - Bending Test
6. Scientific Equipment & Furniture Association Casework Recommended Practices (SEFA 8)

#### 1.01 BASIS OF WORK

- A. This specification uses Diversified Woodcrafts, Inc. of Suring, WI majestic style (flush overlay) as the standard of construction for science casework. The construction standards of this product line shall provide the basis for quality and functional installation.
- B. Supply all equipment in accordance with this specification. **No alternates, deviations or exceptions to the specified construction or materials are allowed.**
- C. The owner / owner representative reserves the right to reject qualified or alternate proposals and to award based on product value where such action assures the owner greater integrity of product.



## 1.02 QUALITY ASSURANCE

- A. The wood science casework contractor shall also provide work tops and fume hoods to assure proper staging, shipment and single source responsibility.
- B. Casework shall meet the performance requirements described in SEFA 8-W-2010.
- C. Manufacturer shall be a Member in good standing with SEFA (Scientific Equipment Furniture Association)
- D. Each cabinet shall be foam and stretch wrapped to ensure cabinet surfaces are protected until the time of installation. Blanket-wrap is not allowed unless the blankets remain behind after delivery to assure the cabinets remain scratch-, grease- and dirt-free before installation.
- E. Majority of the wood used shall be from a certified sustainable source. Certification shall be by a third-source party, such as meeting the requirements of the Sustainable Forestry Initiative or the Forest Stewardship Council.

## 1.03 SUBMITTALS

- A. Submit manufacturer's data and installation instructions for each type of casework.
- B. Provide test results from independent testing laboratory indicating casework manufacturer and quoted casework is in compliance with SEFA 8-W-2010.
- C. Casework samples will be required and reviewed per specification. Samples shall be delivered, at no cost to the architect or owner, to a destination set forth by the architect or owner. This must be done seven (7) days before quotation deadline as a condition of approval of each bidder. Samples shall be full size, production type samples as will be delivered for the project. Furnish the following:
  - 1. One combination drawer and cupboard base unit, including one shelf.
  - 2. One sample of all top materials shown or called for.
  - 3. Sample of all mechanical service fittings, locks, door pulls, hinges, and interior hardware.
- E. Submit shop drawings for furniture assemblies showing plans, elevations, ends, cross-sections, service run spaces, location and type of service fittings.
  - 1. Coordinate shop drawings with other work involved.
  - 2. Provide roughing-in drawings for mechanical and electrical services when required.

## PART 2 – PRODUCTS

### 2.00 MANUFACTURERS

- A. The basis of this specification is Diversified Woodcrafts wood science casework. No exceptions, deviations or alternates to the specified construction or materials are allowed.
- B. **Lifetime warranty:** The selected manufacturer must warrant for the life of the product in the application and location installed, starting at the date of acceptance or occupancy, whichever comes first, that all products sold under the contract referenced above shall be free from defects in material and workmanship. Purchaser shall notify the manufacturer's representative immediately of any defective product. The manufacturer shall have a reasonable opportunity to inspect the goods. The purchaser shall return no product until receipt by purchaser of written shipping instructions from the manufacturer..

- C. All manufacturers must submit samples in accordance with this specification.
- D. The architect will impound the above samples of the successful manufacturer or owner to insure that material delivered to the jobsite conforms in every respect to the samples submitted.

## 2.01 MATERIALS

- A. This specification is to ensure wood cabinets specifically designed for the science environment.
- B. Hardwood shall be kiln-dried, clear, free of defects and meet surface requirements as specified.
- C. Plywood shall be balanced construction and  $\frac{3}{4}$ " 7-ply veneer core hardwood plywood for shelves, cabinet ends and bottoms of base and tall cabinets; 1" 9-ply veneer core hardwood plywood for shelves over 36", bottoms of wall and upper cabinets, and tops of wall, upper and tall cabinets; nominal  $\frac{1}{2}$ " 9-ply veneer core plywood for drawer body;  $\frac{3}{4}$ " 3-ply particleboard core plywood for cabinet doors and drawer heads. Plywood shall meet the standards of ANSI/HPVA HP-1-latest.
- D. Casework parts shall be as defined in AWI Architectural Woodwork Standards, latest edition.
- E. Exposed surfaces shall be hand selected plain-sliced, HPVA face grade Red Oak veneers and compatible Grade I Red Oak hardwood lumber. (All exterior surfaces are considered exposed, including end panels abutting other cabinets, wall or other objects, and the backs of doors. Cabinet backs are considered concealed unless visible to view.)
- F. Semi-exposed surfaces shall be hand selected HPVA face grade Birch veneers and compatible Grade II hardwood lumber.
- G. Concealed surfaces shall be no less than HPVA grade D face or grade 3 back veneers and compatible mill option hardwood lumber.
- H. All visible edges will be edgebanded (min 3 mm for door/drawer fronts) with compatible hardwood Red Oak.
- I. Hardboard shall be  $\frac{1}{4}$ " thick 55 lb. density hardwood chip fiberboard formed with heat and pressure into sheets providing a hard, smooth surface.
- J. Glass used for framed sliding and swinging doors shall be  $\frac{3}{16}$ " tempered glass. Glass used for unframed sliding doors, shall be  $\frac{1}{4}$ " tempered glass.
- K. Drawer and door pulls shall be satin finish, zinc coated wire type, 96 mm centers, offering a comfortable hand grip, and be securely fastened to doors and drawers. Two pulls shall be required on all drawers over 24" long.
- L. Hinges shall be BHMA Grade 1, five (5) knuckle institutional, .083" thick, offset type for all swinging doors. Hinges shall be 2-  $\frac{1}{2}$ " long, one (1) pair for doors under 4 ft. in height and 1-1/2 pair on doors over 4 ft. in height. Hinges are mounted with flathead screws, so applied to door and cabinet to withstand a weight load of 150 lbs. minimum.
- M. Locks when shown or called for shall be a National Lock, 5-disc tumbler with heavy duty interchangeable cylinder. Exposed lock noses shall be dull nickel (satin). Locks shall have capacity for 200 primary key changes. Master key one level with the potential of 200 different, non-interchangeable master key groups.
- N. Roller catches shall be used on swinging doors. Catches shall have two spring-loaded polyethylene rollers and metal catch to secure doors. Double doors without locks shall have a catch on each door. Full height cases shall have 3-point latching devices. Magnetic catches are not allowed.
- O. Leg shoes shall be provided on all table legs, unless otherwise specified, to conceal leveling device. Shoes shall be 2-1/2" high and made of pliable, black rubber material. Use of a leg shoe, which does not conceal leveling device, will not be acceptable.

- P. Floor glides, where specified for movable open-leg tables, shall be a non-skid material at least 1" diameter to prevent indenting composition flooring and shall have at least a 5/8" height adjustment. Use of metal buttons will not be acceptable.
- Q. Dowels used to join frames and panels shall be fluted hardwood not less than 8 mm in diameter. Pre-glued dowels are not acceptable unless supported with non-visible mechanical fasteners; otherwise only wet glue is to be used to ensure adhesion.
- R. Shelf support clips shall be "seismic" twin pin type for mounting on interior of cabinet work. Clips shall be corrosion resistant and shall retain shelves from accidental removal. Shelves in all cabinets are adjustable on 32mm centers. Single pin support clips and surface mounted metal support strips and clips subject to corrosion are not acceptable.
- S. Base molding shall be provided by others.
- T. Upright rods, cross rods and ring support rods, where specified, shall be aluminum (1/2" or 3/4" dia., as required). Rod sockets shall be aluminum, secured through table tops with lock nut and washer. Rod clamps shall be heavy duty, designed to securely hold rod assembly in any position. Use of wood rod assemblies will not be accepted.
- U. Label holders, where shown or called for, shall be a zinc-plated steel, brad-attached type with satin finish and designed for 2" x 1" cards.
- V. Number plates, where shown or called for, shall be aluminum brad-attached type with satin finish and indented black lettering.
- W. Sink supports, where required, shall be of a cradle type consisting of two 1-1/2" x 3/4" horizontal cleats and adjustable leveling bolts or glides. The horizontal cleats shall be supported by two 1/8" x 1-1/2" angle irons attached to the cabinet end panels.

## 2.02 CONSTRUCTION

- A. Open-leg Tables: Legs shall be Red Oak hardwood construction, 2-1/4" square with 1/4" radius on all corners. Legs shall be secured to the apron frame by a heavy-duty corner bolt and a 13-gauge steel corner brace. Corner braces shall be locked into apron rails by accurately located grooves and shall be securely fastened with screws. All apron rails shall be 13/16" thick solid Red Oak. Top shall be attached using zinc coated screws through pocket holes in the apron. Leg stretchers, where required, shall be 7/8" x 2-1/2", secured with a 4" long through-bolt.
- B. Base Cabinets shall consist of the following minimum construction:
  1. Joinery must meet AWI Premium Grade requirements.
  2. End panels are multiple doweled on 64mm centers and glued to sub-top, intermediate rails and bottoms.
  3. Cabinet bottoms shall be multiple doweled on 64mm centers and glued to end panels.
  4. Toe space shall be 4" high and fully enclosed.
  5. Edging shall be provided on the front edges of ends, bottoms, tops and shelves, and on all four edges of door and drawer fronts.
  6. Sub-top panel shall be 3/4" veneer core plywood, multiple doweled, screwed and glued to end panels.
  7. Intermediate rails (3/4" x 2-1/2" hardwood per parts definition) shall be multiple doweled and glued to end panels at the front of the cabinet between drawers and between drawers and doors.
  8. Screw strips (3/4" by 3" veneer core hardwood plywood) shall be located at the top and bottom behind the cabinet back and multiple doweled to the cabinet ends.
  9. Hardboard cabinet backs shall be fully captured and dadoed into end panels and bottoms, with full perimeter gluing around the rear of the back. Where a removable back is indicated, it shall be an additional piece applied to cover an opening that is added to the fully captured back. (Backs are to meet the visual requirement of cabinet parts.)
  10. Shelves shall be 3/4" thick in cabinets less than 36" wide, 1" thick in all cabinets 36" wide and



greater. (Front edges of shelves are to meet the visual requirement of cabinet parts.)

11. Drawer box shall be:
    - a) Four-sided (sub-front, sides and back) of nominal ½" thick, 9-ply Baltic Birch plywood.
    - b) Adjacent panels shall be joined by fully glued multiple dovetail joinery all four corners.
    - c) Drawer box shall fill drawer opening vertically as much as is possible and still allow removal of the drawer.
    - d) Drawer box front-to-back depth must extend to within 1-1/2" of the cabinet back panel.
    - e) Drawer bottom (6mm on drawers under 42" wide, 12 mm on larger drawers) shall be dadoed into all four drawer box sides with full perimeter gluing on the underside.
  12. Door and drawer heads shall be 3/4" thick plywood with edging as specified to resist warping. Reveals shall be 1/4" between door and drawer heads and ½" on end panels. Face veneer grain shall be matched vertically on doors and drawer heads on each individual cabinet.
  13. Drawer slides shall be easily removable with a 100 lb. dynamic load rating and nylon roller bearings, powder coated surfaces, self-closing and with hold-open feature. Slides shall be attached to the drawer box both from below and the side. File drawers shall be full extension, 150 lb. dynamic load rating mounted to the drawer sides.
- C. Full Height Sliding Door Cases:
1. Shall be designed and constructed for full enclosure to assure dust proofing of the interior.
  2. Tops shall be 1" thick plywood, multiple doweled into end panels, secured with glue.
  3. A double extruded aluminum track shall be attached to the case top for suspension system when sliding doors are called for. Doors shall be suspended from an adjustable hanger and glide on nylon roller wheels. An aluminum U-channel is located on the case bottom to guide the bottom of the doors.
  4. Solid panel doors shall be 3/4" thick plywood with edging as specified.
  5. Glazed doors shall have 2-3/4" x 3/4" thick framing, mortised, tenoned, and glued. Glass shall be set into door frame and secured with a plastic retainer.
  6. Doors shall be removable without use of tools, and so designed to prevent by-passing.
  7. Shelves shall be ¾" thick in cabinets less than 36" wide, 1" thick in all cabinets 36" wide and greater.
  8. To assure a rigid case, the center shelf is structurally joined to the end panels and glued.
  9. Case bottoms shall be 3/4" thick plywood, multiple doweled and glued securely to end panels.
  10. Fastening cleats, top and bottom, ¾" x 3" plywood, shall support and strengthen all joints.
  11. Toe space, 2-¼" deep x 4" high, shall be totally enclosed by a ¾" x 4" plywood rail.
  12. Backs in open and glazed door cases shall be 1/4" plywood; backs not exposed to view shall be 1/4" high-density fiberboard.
  13. Case interior shall be flush.
- D. Full Height Swinging Door Cases: General construction features shall be the same as for sliding door cases except for the following:
1. Doors shall overlap opening on all four sides
  2. Astragal applied to left hand door shall provide further dust proofing.
- E. Wall-Hung Sliding Door Cases: General construction features shall be the same as for full height type cases with the following exception:
1. Case bottoms shall be 1" thick plywood, multiple doweled on 64mm centers and glued securely to end panels.
- F. Wall Hung Swinging Door Cases: Construction and materials shall be the same as for sliding door cases with the following exceptions:
1. Panel or glass framed doors shall be hung on 1 pair of offset, institutional type hinges under 48" in height. Doors on cases 48" high shall have 1-1/2 pair of offset, institutional type hinges.
  2. All doors shall overlap opening four sides.
  3. Astragal applied to left hand door shall provide further dust proofing.

## 2.03 FINISH AND PERFORMANCE REQUIREMENTS

- A. Wood Surface Preparation: Prior to application of the wood finish, case and cabinet surfaces shall be smoothly sanded to remove loose fibers, scratch marks and abrasions, with all dust thoroughly

removed by compressed air.

- B. Wood Stain Color: Per Architect's selection from manufacturer's standard options.
- C. Wood Finish Application: High solids, cross-linked, ultraviolet light (UV) cured "flat-line" coating developed for durability, including abrasion, chemical (acid, alkali and solvent), water, impact and scratch resistance, for flat-line applications. Coatings shall have little or no VOCs. Finish shall meet both AWI section 1500 and SEFA 8-W-2010 requirements.
- D. Finish shall be applied to cabinet parts prior to assembly in order to assure uniform coverage.

## **2.04 WORKSURFACES**

- A. Materials: 1" Epoxy Resin, with alternate for ¾" phenolic resin.

## **2.05 SINKS CUPSINKS, AND DRAINS**

- A. Sinks: Molded Epoxy Resin or polyolefin.

## **2.06 FITTINGS**

- A. WaterSaver brand or equivalent
- B. Materials: Chrome-plated red brass or bronze
- C. Construction:
  - 1. Valves:
    - a. Front-loaded valves
      - 1) Water
      - 2) Ball valve dry service
    - b. Rod-driven remote control valves for fume hoods
      - 1) Water
      - 2) Needle valve dry service
  - 2. Water Outlets
    - a. Goosenecks
    - b. Aerator outlets
    - c. Tank nipples
    - d. Sink outlets
  - 3. Miscellaneous
    - a. Crumb cup strainers
    - b. Vacuum breakers

## **PART 3 - EXECUTION - LABORATORY CASEWORK AND RELATED PRODUCTS**

### **3.00 SITE EXAMINATION**

- A. The owner and/or his representative shall assure all building conditions conducive to the installation of a finished goods product; all critical dimensions and conditions previously checked have been adhered to by other contractors (general, mechanical, electrical, etc.) to assure a quality installation.

### **3.01 INSTALLATION**

- A. Preparation: Prior to beginning installation of casework, check and verify that no irregularities exist that would affect quality of execution of work specified.

- B. Coordination: Coordinate the work of the Section with the schedule and other requirements of other

work being performed in the area at the same time both with regard to mechanical and electrical connections to and in the fume hoods and the general construction work.

C. Installation shall be completed in accordance with SEFA 2-2010.

D. Performance:

1. Casework:

- a. Set casework components plumb, square, and straight with no distortion and securely anchor to building structure. Shim as required using concealed shims.
- b. Screw continuous cabinets together with joints flush, tight and uniform, and with alignment of adjacent units within 1/16" tolerance.
- c. Secure wall cabinets to solid supporting material, not to plaster, lath or gypsum board.
- d. Abut top edge surfaces in one true plane. Provide flush joints not to exceed 1/8" between top units.

2. Work surfaces:

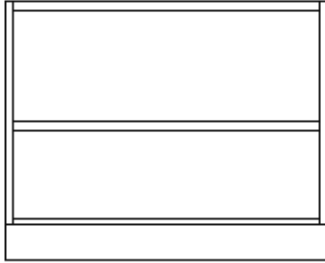
- a. Where required due to field conditions, scribe to abutting surfaces.
- b. Only factory prepared field joints, located per approved shop drawings, shall be permitted. Secure the joints in the field, where practical, in the same manner as in the factory.
- c. Secure work surfaces to casework and equipment components with materials and procedures recommended by the manufacturer.

D. Adjust and Clean:

1. Repair or remove and replace defective work, as directed by owner and/or his representative upon completion of installation.
2. Adjust doors, drawers and other moving or operating parts to function smoothly.
3. Clean shop finished casework; touch up as required.
4. Clean work surfaces and leave them free of all grease and streaks.
5. Casework to be left broom clean and orderly.

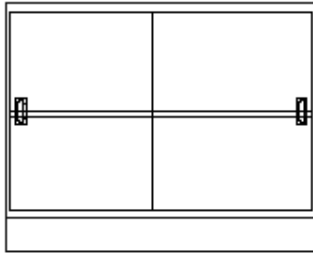
E. Protection:

1. Provide reasonable protective measures to prevent casework and equipment from being exposed to other construction activity.
2. Advise owner and/or his representative of procedures and precautions for protection of material, installed laboratory casework and fixtures from damage by work of other trades.



**OPEN SHELVING** - Includes one adjustable shelf. The last four digits indicate width and depth.

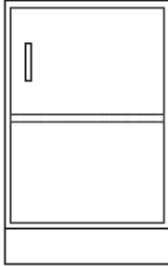
16" Deep	22" Deep	28" Deep
001-1816	001-1822	001-1828
001-2116	001-2122	001-2128
001-2416	001-2422	001-2428
001-3016	001-3022	001-3028
001-3616	001-3622	001-3628
001-4216	001-4222	001-4228
001-4816	001-4822	001-4828



**FULL HEIGHT SLIDING DOOR** - Double door. Includes one adjustable shelf. The last four digits indicate width and depth.

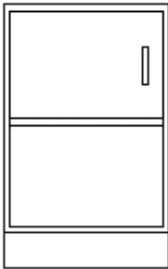
16" Deep	005-3022	005-3628
005-3016	005-3622	005-4228
005-3616	005-4222	005-4828
005-4216	005-4822	
005-4816	28" Deep	
22" Deep	005-3028	





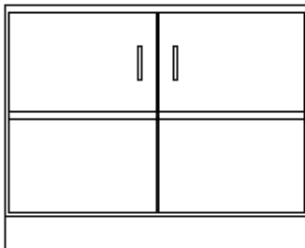
**FULL HEIGHT SWINGING DOOR** - Hinged right. Includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
095-1816	095-1822	095-1828
095-2116	095-2122	095-2128
095-2416	095-2422	095-2428



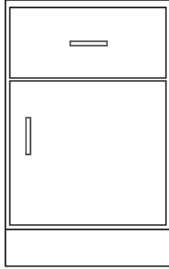
**FULL HEIGHT SWINGING DOOR** - Hinged left. Includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
096-1816	096-1822	096-1828
096-2116	096-2122	096-2128
096-2416	096-2422	096-2428



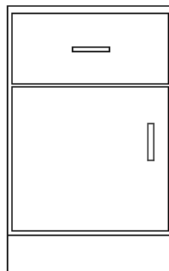
**FULL HEIGHT SWINGING DOOR** - Double doors. Includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
003-3016	003-3022	003-3028
003-3616	003-3622	003-3628
003-4216	003-4222	003-4228
003-4816	003-4822	003-4828



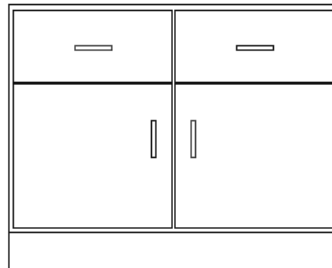
**DOOR/DRAWER** - Hinged right. Drawer is 1/3 height of cabinet. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
068-1816	068-1822	068-1828
068-2116	068-2122	068-2128
068-2416	068-2422	068-2428



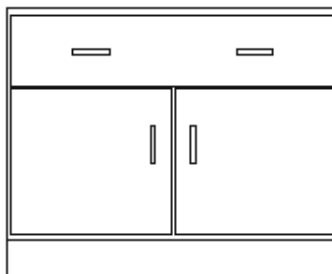
**DOOR/DRAWER** - Hinged left. Drawer is 1/3 height of cabinet. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
069-1816	069-1822	069-1828
069-2116	069-2122	069-2128
069-2416	069-2422	069-2428



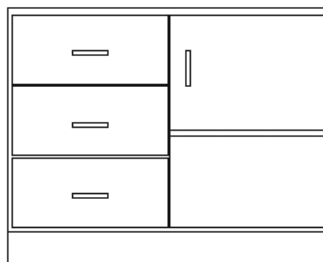
**DOORS/DRAWERS** - Double doors and drawers. Drawers are 1/3 height of cabinet. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
066-3016	066-3022	066-3028
066-3616	066-3622	066-3628
066-4216	066-4222	066-4228
066-4816	066-4822	066-4828



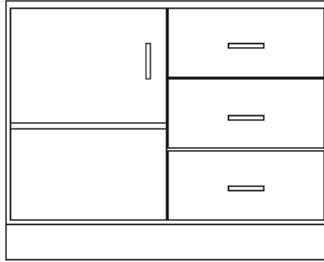
**DOORS/DRAWER** - Double doors and single drawer. Drawer is 1/3 height of cabinet. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
065-3016	065-3022	065-3028
065-3616	065-3622	065-3628
065-4216	065-4222	065-4228
065-4816	065-4822	065-4828



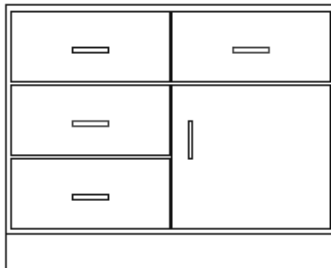
**DOOR/DRAWER** - Hinged right and three drawers. Drawers are 1/3 height of cabinet. Unit includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
012-3016	012-3022	012-3028
012-3616	012-3622	012-3628
012-4216	012-4222	012-4228
012-4816	012-4822	012-4828



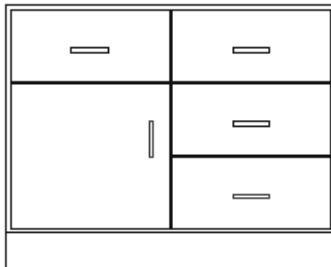
**DOOR/DRAWER** - Hinged left and three drawers. Drawers are 1/3 height of cabinet. Unit includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
035-3016	035-3022	035-3028
035-3616	035-3622	035-3628
035-4216	035-4222	035-4228
035-4816	035-4822	035-4828



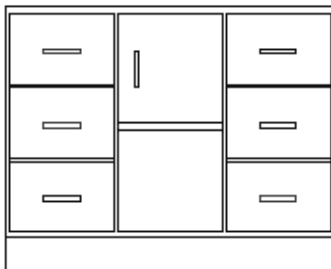
**DOOR/DRAWER** - Hinged right and four drawers. Drawers are 1/3 height of cabinet. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
078-3016	078-3022	078-3028
078-3616	078-3622	078-3628
078-4216	078-4222	078-4228
078-4816	078-4822	078-4828



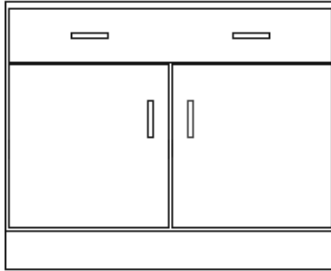
**DOOR/DRAWER** - Hinged left and four drawers. Drawers are 1/3 height of cabinet. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
079-3016	079-3022	079-3028
079-3616	079-3622	079-3628
079-4216	079-4222	079-4228
079-4816	079-4822	079-4828



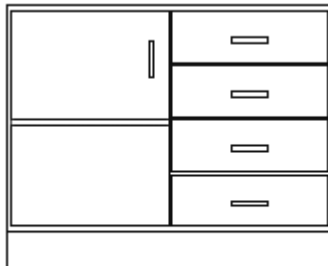
**DOOR/DRAWER** - Hinged right and six drawers. Drawers are 1/3 height of cabinet. Unit includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
014-3616	014-3622	014-3628
014-4216	014-4222	014-4228
014-4816	014-4822	014-4828



**DOORS/DRAWER** - Double doors and single drawer. Drawer is 1/4 height of cabinet. Includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
008-3016	008-3022	008-3028
008-3616	008-3622	008-3628
008-4216	008-4222	008-4228
008-4816	008-4822	008-4828



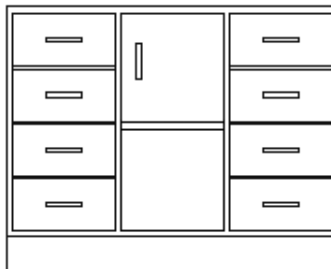
**DOOR/DRAWER** - Hinged left and four drawers. Drawers are 1/4 height of cabinet. Unit includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
016-3016	016-3022	016-3028
016-3616	016-3622	016-3628
016-4216	016-4222	016-4228
016-4816	016-4822	016-4828



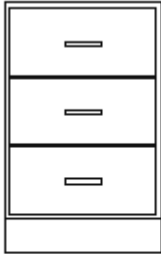
**DOOR/DRAWER** - Hinged right and four drawers. Drawers are 1/4 height of cabinet. Unit includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
010-3016	010-3022	010-3028
010-3616	010-3622	010-3628
010-4216	010-4222	010-4228
010-4816	010-4822	010-4828



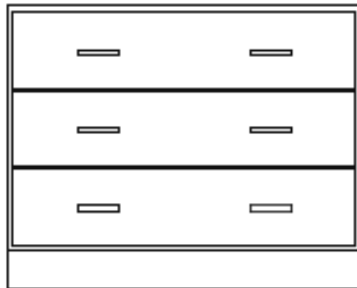
**DOOR/DRAWER** - Hinged right and eight drawers. Drawers are 1/4 height of cabinet. Unit includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
015-3616	015-3622	015-3628
015-4216	015-4222	015-4228
015-4816	015-4822	015-4828



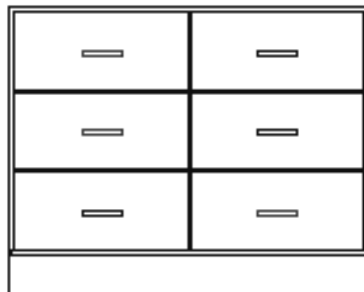
**THREE 1-3 DRAWER** - 1/3 Height drawers. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
033-1816	033-1822	033-1828
033-2116	033-2122	033-2128
033-2416	033-2422	033-2428



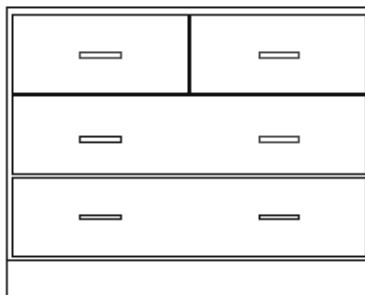
**THREE 1-3 DRAWER** - 1/3 Height drawers. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
032-3016	032-3022	032-3028
032-3616	032-3622	032-3628
032-4216	032-4222	032-4228
032-4816	032-4822	032-4828



**SIX 1-3 DRAWER** - 1/3 Height drawers. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
004-3016	004-3022	004-3028
004-3616	004-3622	004-3628
004-4216	004-4222	004-4228
004-4816	004-4822	004-4828



**FOUR 1-3 DRAWER** - 1/3 Height drawers. Two small drawers and two large drawers. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
085-3016	085-3022	085-3028
085-3616	085-3622	085-3628
085-4216	085-4222	085-4228
085-4816	085-4822	085-4828





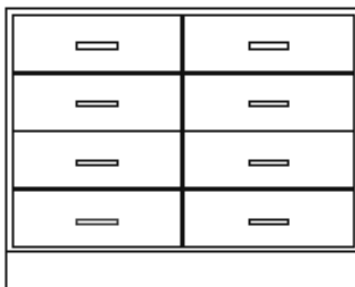
**FOUR 1/4 DRAWER** - 1/4 Height drawers. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
022-1816	022-1822	022-1828
022-2116	022-2122	022-2128
022-2416	022-2422	022-2428



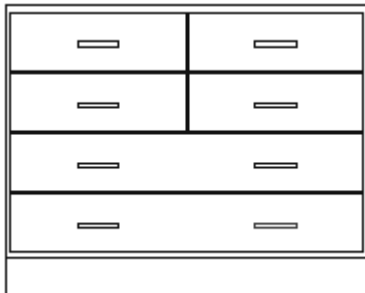
**FOUR 1/4 DRAWER** - 1/4 Height drawers. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
021-3016	021-3022	021-3028
021-3616	021-3622	021-3628
021-4216	021-4222	021-4228
021-4816	021-4822	021-4828



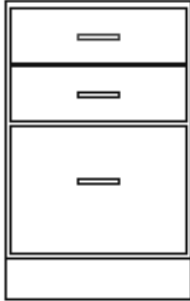
**EIGHT 1/4 DRAWER** - 1/4 Height drawers. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
024-3016	024-3022	024-3028
024-3616	024-3622	024-3628
024-4216	024-4222	024-4228
024-4816	024-4822	024-4828



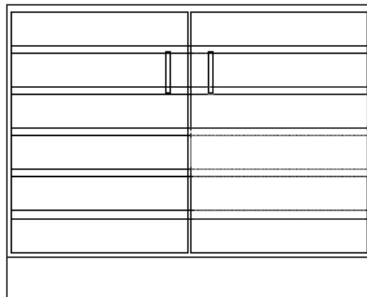
**SIX 1/4 DRAWER** - 1/4 Height drawers. Four small and two large. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
027-3016	027-3022	027-3028
027-3616	027-3622	027-3628
027-4216	027-4222	027-4228
027-4816	027-4822	027-4828



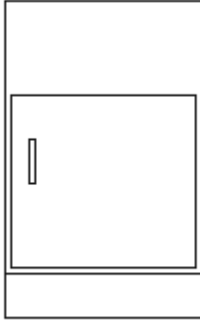
**COMBINATION DRAWER** - One file drawers with frame and full extension slides and two 1/4 height drawers. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
025-1816	025-1822	025-1828
025-2116	025-2122	025-2128
025-2416	025-2422	025-2428



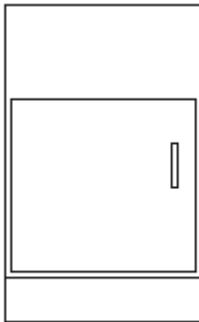
**CHART AND PAPER STORAGE** - Provides storage for paper up to 30"L x 24"W. Includes five pull-out shelves. The last four digits indicate width and depth. *This unit has pull out shelves behind the double doors and should not be located in a corner or next to another cabinet unless allowance is made to allow the doors to swing open to approximately 110°. If circumstances are such that the unit must be located in a corner, a 6" minimum filler strip must be provided between the cabinet and the wall.*

28" Deep  
060-3628



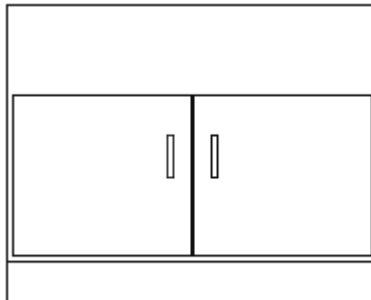
**SINK - Hinged right.** The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
093-1816	093-1822	093-1828
093-2116	093-2122	093-2128
093-2416	093-2422	093-2428



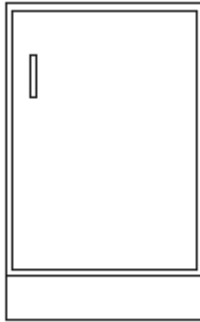
**SINK - Hinged left.** The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
094-1816	094-1822	094-1828
094-2116	094-2122	094-2128
094-2416	094-2422	094-2428



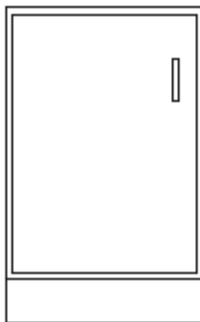
**SINK - Double swinging doors.** The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
081-3016	081-3022	081-3028
081-3616	081-3622	081-3628
081-4216	081-4222	081-4228
081-4816	081-4822	081-4828



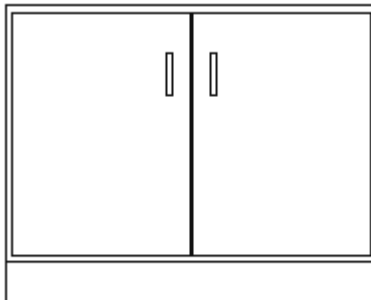
**FULL HEIGHT SINK - Hinged right.** The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
097-1816	097-1822	097-1828
097-2116	097-2122	097-2128
097-2416	097-2422	097-2428



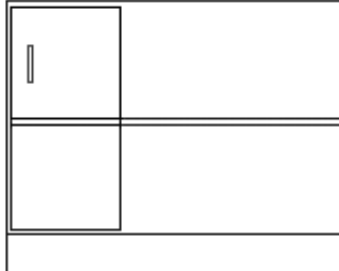
**FULL HEIGHT SINK - Hinged left.** The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
098-1816	098-1822	098-1828
098-2116	098-2122	098-2128
098-2416	098-2422	098-2428



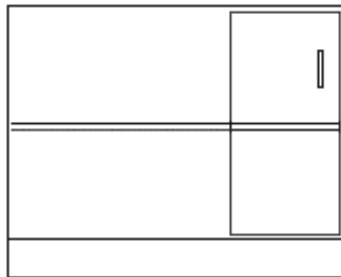
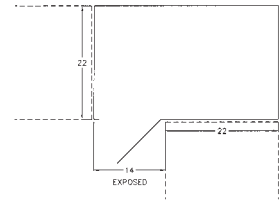
**FULL HEIGHT SINK - Double swinging doors.** The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
086-3016	086-3022	086-3028
086-3616	086-3622	086-3628
086-4216	086-4222	086-4228
086-4816	086-4822	086-4828



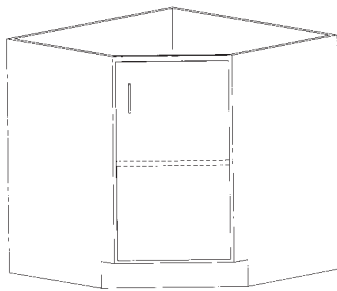
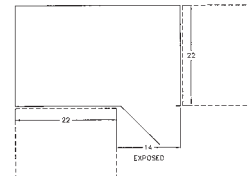
**DEAD CORNER - Solid door on left.** Hinged right. One adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
089-3616	089-3622	089-3628
089-4216	089-4222	089-4228
089-4816	089-4822	089-4828



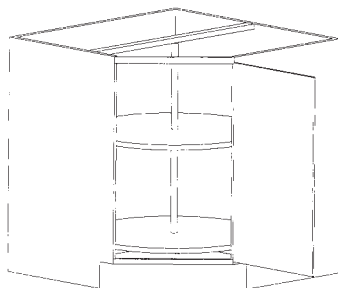
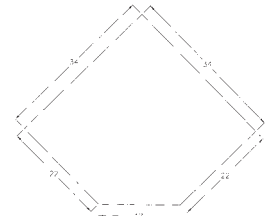
**DEAD CORNER - Solid door on right.** Hinged left. One adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
090-3616	090-3622	090-3628
090-4216	090-4222	090-4228
090-4816	090-4822	090-4828



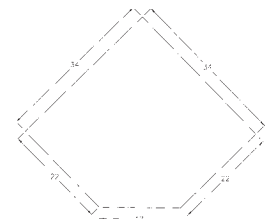
**CORNER - Hinged right.** One adjustable shelf. 22"D X 34"W

22" Deep  
087-3622

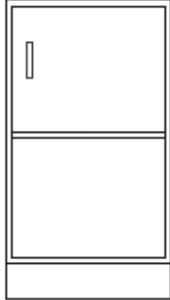


**CORNER - Hinged left.** Two revolving metal shelves. 22"D X 34"W

22" Deep  
088-3622

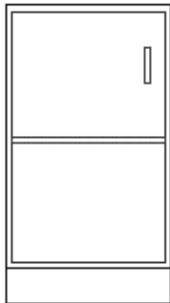






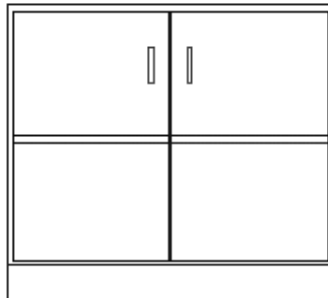
**FULL HEIGHT SWINGING DOOR - Hinged right.** Includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
595-1816	595-1822	595-1828
595-2116	595-2122	595-2128
595-2416	595-2422	595-2428



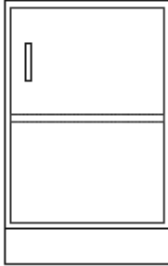
**FULL HEIGHT SWINGING DOOR - Hinged left.** Includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
596-1816	596-1822	596-1828
596-2116	596-2122	596-2128
596-2416	596-2422	596-2428



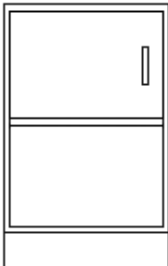
**FULL HEIGHT SWINGING DOOR - Double doors.** Includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
503-3016	503-3022	503-3028
503-3616	503-3622	503-3628
503-4216	503-4222	503-4228
503-4816	503-4822	503-4828



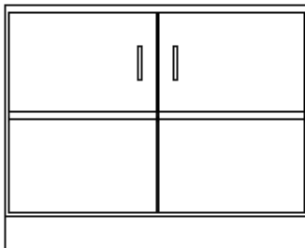
**FULL HEIGHT SWINGING DOOR - Hinged right.** Includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
095-1816	095-1822	095-1828
095-2116	095-2122	095-2128
095-2416	095-2422	095-2428



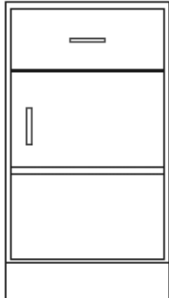
**FULL HEIGHT SWINGING DOOR - Hinged left.** Includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
096-1816	096-1822	096-1828
096-2116	096-2122	096-2128
096-2416	096-2422	096-2428



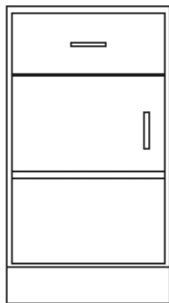
**FULL HEIGHT SWINGING DOOR - Double doors.** Includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
003-3016	003-3022	003-3028
003-3616	003-3622	003-3628
003-4216	003-4222	003-4228
003-4816	003-4822	003-4828



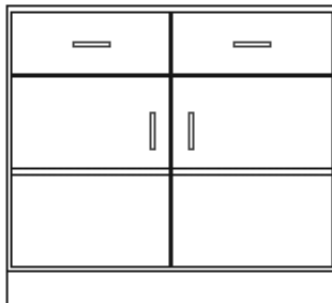
**DOOR/DRAWERS - Hinged right and one drawer.** Drawer is 1/4 height of cabinet. Includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
518-1816	518-1822	518-1828
518-2116	518-2122	518-2128
518-2416	518-2422	518-2428



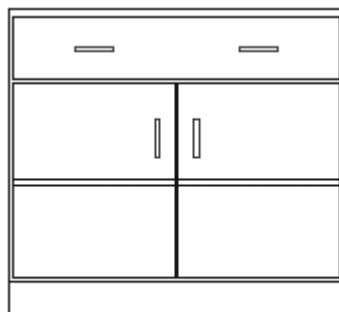
**DOOR/DRAWERS - Hinged left and one drawer.** Drawer is 1/4 height of cabinet. Includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
519-1816	519-1822	519-1828
519-2116	519-2122	519-2128
519-2416	519-2422	519-2428



**DOOR/DRAWERS - Double doors and drawers.** Drawers are 1/4 height of cabinet. Includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
506-3016	506-3022	506-3028
506-3616	506-3622	506-3628
506-4216	506-4222	506-4228
506-4816	506-4822	506-4828



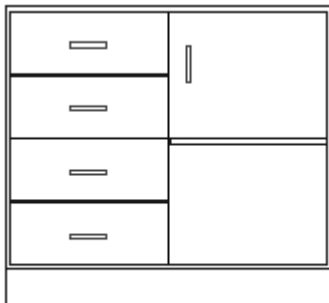
**DOORS/DRAWER - Double doors and single drawer.** Drawer is 1/4 height of cabinet. Includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
508-3016	508-3022	508-3028
508-3616	508-3622	508-3628
508-4216	508-4222	508-4228
508-4816	508-4822	508-4828



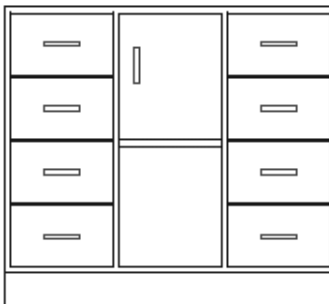
**DOOR/DRAWER** - Hinged left and four drawers. Drawers are 1/4 height of cabinet. Unit includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
516-3016	516-3022	516-3028
516-3616	516-3622	516-3628
516-4216	516-4222	516-4228
516-4816	516-4822	516-4828



**DOOR/DRAWER** - Hinged right and four drawers. Drawers are 1/4 height of cabinet. Unit includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
510-3016	510-3022	510-3028
510-3616	510-3622	510-3628
510-4216	510-4222	510-4228
510-4816	510-4822	510-4828



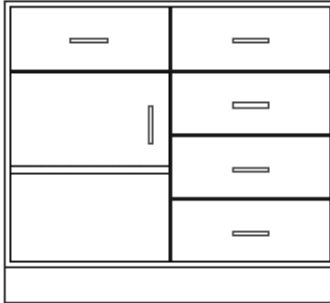
**DOOR/DRAWER** - Hinged right and eight drawers. Drawers are 1/4 height of cabinet. Unit includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
515-3616	515-3622	515-3628
515-4216	515-4222	515-4228
515-4816	515-4822	515-4828



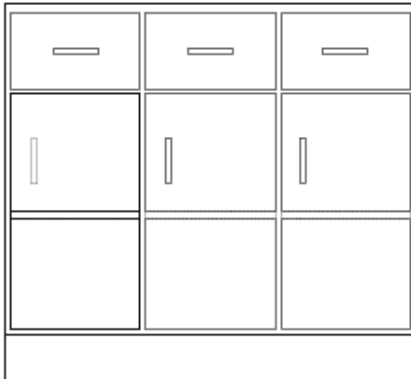
**DOOR/DRAWERS** - Hinged right and five drawers. Drawers are 1/4 height of cabinet. Includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
513-3016	513-3022	513-3028
513-3616	513-3622	513-3628
513-4216	513-4222	513-4228
513-4816	513-4822	513-4828



**DOOR/DRAWERS - Hinged left and five drawers.** Drawers are 1/4 height of cabinet. Includes one adjustable shelf. The last four digits indicate width and depth.

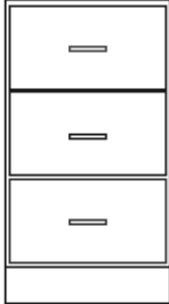
16" Deep	22" Deep	28" Deep
536-3016	536-3022	536-3028
536-3616	536-3622	536-3628
536-4216	536-4222	536-4228
536-4816	536-4822	536-4828



**DOOR/DRAWER - Hinged right and three drawers.** Drawers are 1/4 height of cabinet. Unit includes one adjustable shelf. The last four digits indicate width and depth.

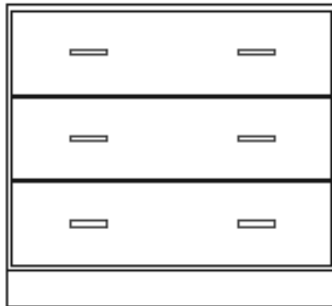
16" Deep	22" Deep	28" Deep
509-3616	509-3622	509-3628
509-4216	509-4222	509-4228
509-4816	509-4822	509-4828





**THREE 1-3 DRAWERS** - 1/3 Height drawers. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
533-1816	533-1822	533-1828
533-2116	533-2122	533-2128
533-2416	533-2422	533-2428



**THREE 1-3 DRAWERS** - 1/3 Height drawers. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
532-3016	532-3022	532-3028
532-3616	532-3622	532-3628
532-4216	532-4222	532-4228
532-4816	532-4822	532-4828



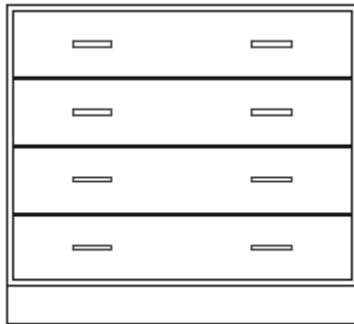
**SIX 1-3 DRAWER** - 1/3 Height drawers. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
504-3016	504-3022	504-3028
504-3616	504-3622	504-3628
504-4216	504-4222	504-4228
504-4816	504-4822	504-4828



**FOUR 1-4 DRAWERS** - 1/4 Height drawers. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
522-1816	522-1822	522-1828
522-2116	522-2122	522-2128
522-2416	522-2422	522-2428



**FOUR 1-4 DRAWERS** - 1/4 Height drawers. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
521-3016	521-3022	521-3028
521-3616	521-3622	521-3628
521-4216	521-4222	521-4228
521-4816	521-4822	521-4828



**FIVE 1-4 DRAWERS** - 1/4 Height drawers. Two small and three large. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
523-3016	523-3022	523-3028
523-3616	523-3622	523-3628
523-4216	523-4222	523-4228
523-4816	523-4822	523-4828



**EIGHT 1-4 DRAWERS** - 1/4 Height drawers. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
524-3016	524-3022	524-3028
524-3616	524-3622	524-3628
524-4216	524-4222	524-4228
524-4816	524-4822	524-4828



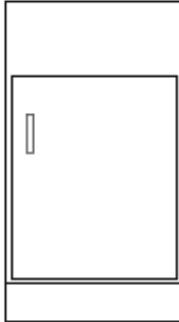
**SIX 1-4 DRAWERS** - 1/4 Height drawers. Four small and two large. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
527-3016	527-3022	527-3028
527-3616	527-3622	527-3628
527-4216	527-4222	527-4228
527-4816	527-4822	527-4828



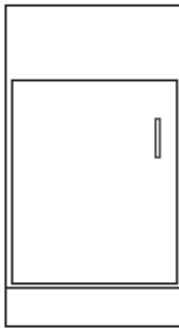
**FILE/1-4 DRAWERS** - Two 1/4 Height drawers and a file drawer with full extension slides. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
525-1816	525-1822	525-1828
525-2116	525-2122	525-2128
525-2416	525-2422	525-2428



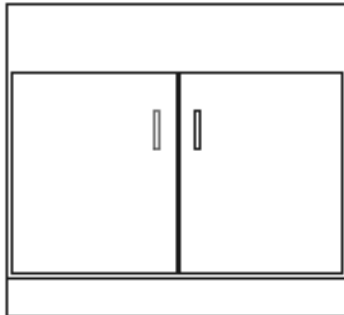
**SINK - Hinged right.** The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
593-1816	593-1822	593-1828
593-2116	593-2122	593-2128
593-2416	593-2422	593-2428



**SINK - Hinged left.** The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
594-1816	594-1822	594-1828
594-2116	594-2122	594-2128
594-2416	594-2422	594-2428



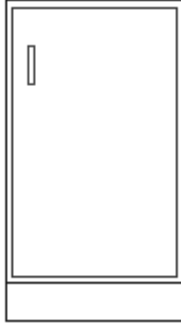
**SINK - Double swinging doors.** The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
581-3016	581-3022	581-3028
581-3616	581-3622	581-3628
581-4216	581-4222	581-4228
581-4816	581-4822	581-4828



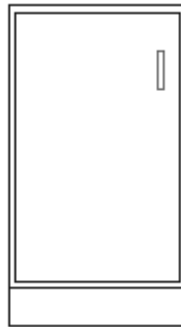
**SINK - Tapered front for wheelchair access.** The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
582-3216	582-3222	582-3228
582-3616	582-3622	582-3628
582-4216	582-4222	582-4228
582-4816	582-4822	582-4828



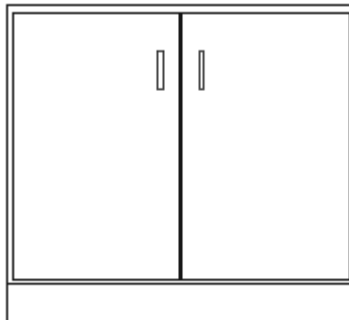
**FULL HEIGHT SINK - Hinged right.** The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
597-1816	597-1822	597-1828
597-2116	597-2122	597-2128
597-2416	597-2422	597-2428



**FULL HEIGHT SINK - Hinged left.** The last four digits indicate width and depth.

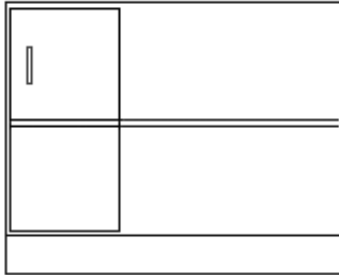
16" Deep	22" Deep	28" Deep
598-1816	598-1822	598-1828
598-2116	598-2122	598-2128
598-2416	598-2422	598-2428



**FULL HEIGHT SINK - Double swinging doors.** The last four digits indicate width and depth.

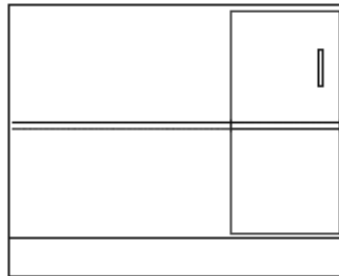
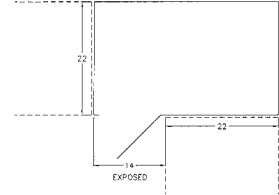
16" Deep	22" Deep	28" Deep
586-3016	586-3022	586-3028
586-3616	586-3622	586-3628
586-4216	586-4222	586-4228
586-4816	586-4822	586-4828





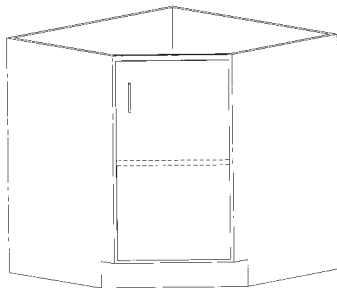
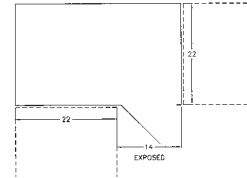
**DEAD CORNER - Solid door on left.** Hinged right. One adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
589-3616	589-3622	589-3628
589-4216	589-4222	589-4228
589-4816	589-4822	589-4828



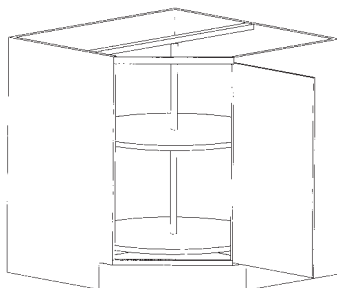
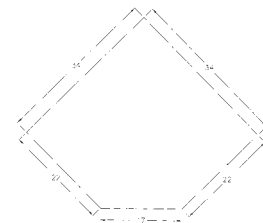
**DEAD CORNER - Solid door on right.** Hinged left. One adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
590-3616	590-3622	590-3628
590-4216	590-4222	590-4228
590-4816	590-4822	590-4828



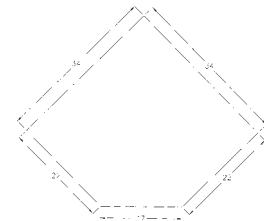
**CORNER - Hinged right.** One adjustable shelf. 22"D X 34"W

22" Deep  
587-3422



**CORNER - Hinged left.** Two revolving metal shelves. 22"D X 34"W

22" Deep  
588-3422

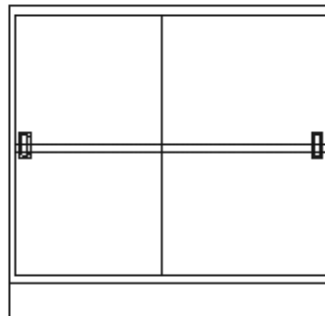


# Open Shelving/Full Height Door - 35" H



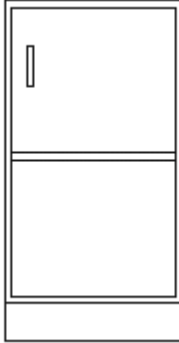
**OPEN SHELVING** - Includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
101-1816	101-1822	101-1828
101-2116	101-2122	101-2128
101-2416	101-2422	101-2428
101-3016	101-3022	101-3028
101-3616	101-3622	101-3628
101-4216	101-4222	101-4228
101-4816	101-4822	101-4828



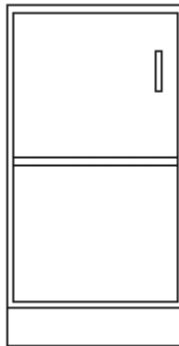
**FULL HEIGHT SLIDING DOOR** - Double doors. Includes one full depth adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
105-3016	105-3022	105-3028
105-3616	105-3622	105-3628
105-4216	105-4222	105-4228
105-4816	105-4822	105-4828



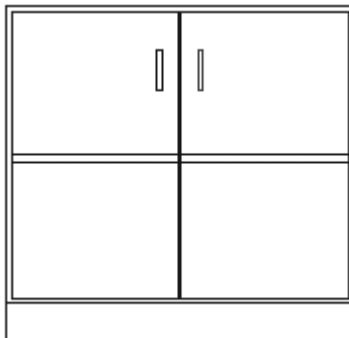
**FULL HEIGHT SWINGING DOOR - Hinged right.** Includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
195-1816	195-1822	195-1828
195-2116	195-2122	195-2128
195-2416	195-2422	195-2428



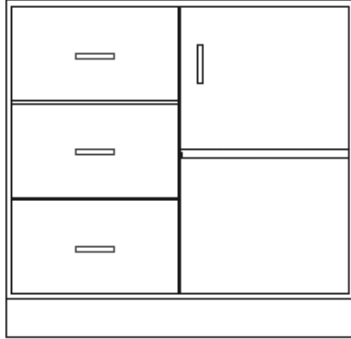
**FULL HEIGHT SWINGING DOOR - Hinged left.** Includes one adjustable shelf. The last four digits indicate width and depth.

16"Deep	22" Deep	28" Deep
196-1816	196-1822	196-1828
196-2116	196-2122	196-2128
196-2416	196-2422	196-2428



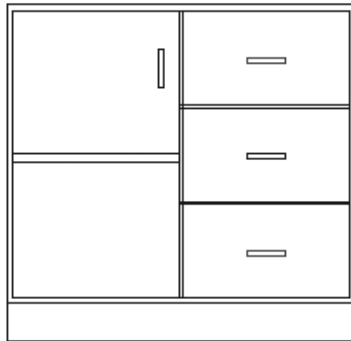
**FULL HEIGHT SWINGING DOOR - Double doors.** Includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
103-3016	103-3022	103-3028
103-3616	103-3622	103-3628
103-4216	103-4222	103-4228
103-4816	103-4822	103-4828



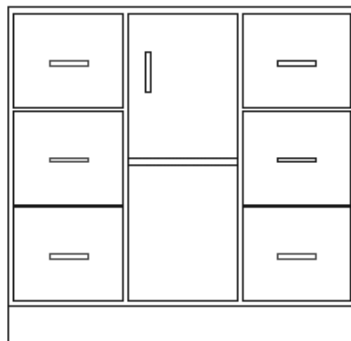
**DOOR/DRAWER - Hinged right and three drawers.** Drawers are 1/3 height of cabinet. Unit includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
112-3016	112-3022	112-3028
112-3616	112-3622	112-3628
112-4216	112-4222	112-4228
112-4816	112-4822	112-4828



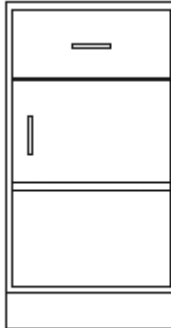
**DOOR/DRAWER - Hinged left and three drawers.** Drawers are 1/3 height of cabinet. Unit includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
135-3016	135-3022	135-3028
135-3616	135-3622	135-3628
135-4216	135-4222	135-4228
135-4816	135-4822	135-4828



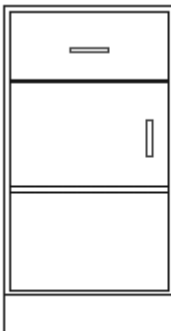
**DOOR/DRAWER - Hinged right and six drawers.** Drawers are 1/3 height of cabinet. Unit includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
114-3616	114-3622	114-3628
114-4216	114-4222	114-4228
114-4816	114-4822	114-4828



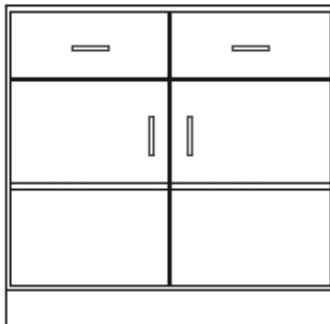
**DOOR/DRAWERS - Hinged right and one drawer.** Drawer is 1/4 height of cabinet. Includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
118-1816	118-1822	118-1828
118-2116	118-2122	118-2128
118-2416	118-2422	118-2428



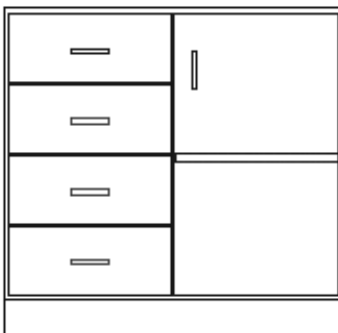
**DOOR/DRAWERS - Hinged left and one drawer.** Drawer is 1/4 height of cabinet. Includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
119-1816	119-1822	119-1828
119-2116	119-2122	119-2128
119-2416	119-2422	119-2428



**DOOR/DRAWERS - Double doors and drawers.** Drawers are 1/4 height of cabinet. Includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
106-3016	106-3022	106-3028
106-3616	106-3622	106-3628
106-4216	106-4222	106-4228
106-4816	106-4822	106-4828



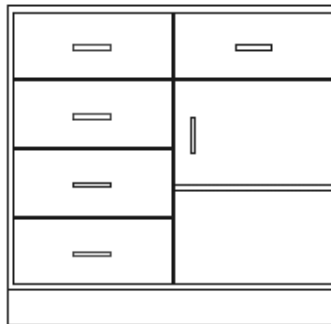
**DOOR/DRAWERS - Hinged right and four drawers.** Drawers are 1/4 height of cabinet. Includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
110-3016	110-3022	110-3028
110-3616	110-3622	110-3628
110-4216	110-4222	110-4228
110-4816	110-4822	110-4828



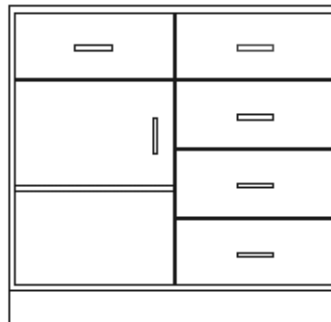
**DOOR/DRAWERS - Hinged left and four drawers.** Drawers are 1/4 height of cabinet. Includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
116-3016	116-3022	116-3028
116-3616	116-3622	116-3628
116-4216	116-4222	116-4228
116-4816	116-4822	116-4828



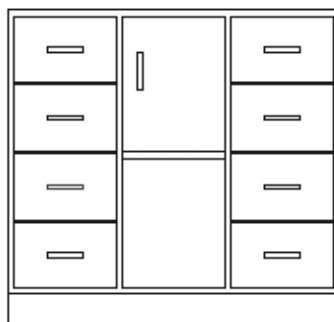
**DOOR/DRAWERS - Hinged right and five drawers.** Drawers are 1/4 height of cabinet. Includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
113-3016	113-3022	113-3028
113-3616	113-3622	113-3628
113-4216	113-4222	113-4228
113-4816	113-4822	113-4828



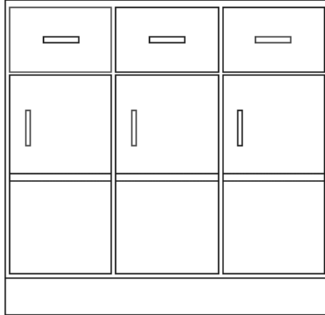
**DOOR/DRAWERS - Hinged left and five drawers.** Drawers are 1/4 height of cabinet. Includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
136-3016	136-3022	136-3028
136-3616	136-3622	136-3628
136-4216	136-4222	136-4228
136-4816	136-4822	136-4828



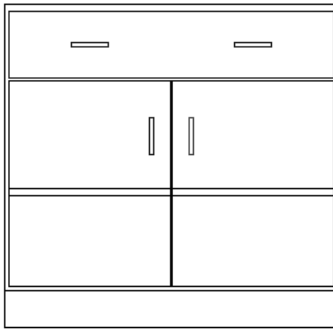
**DOOR/DRAWER - Hinged right and eight drawers.** Drawers are 1/4 height of cabinet. Unit includes one adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
115-3616	115-3622	115-3628
115-4216	115-4222	115-4228
115-4816	115-4822	115-4828



**DOOR/DRAWER - Hinged right and three drawers.** Drawers are 1/4 height of cabinet. Unit includes one adjustable shelf. The last four digits indicate width and depth.

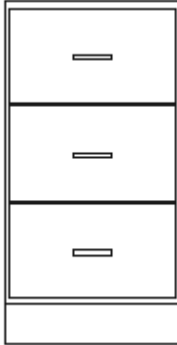
16" Deep	22" Deep	28" Deep
109-3616	109-3622	109-3628
109-4216	109-4222	109-4228
109-4816	109-4822	109-4828



**DOOR/DRAWER - Double swinging doors and one full width drawer.** Drawer is 1/4 height of cabinet. Unit includes one adjustable shelf. The last four digits indicate width and depth.

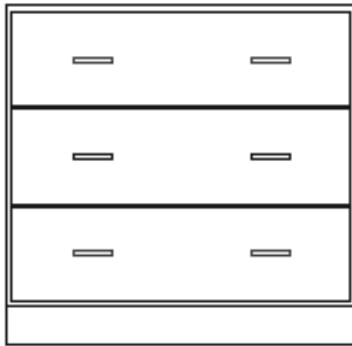
16" Deep	22" Deep	28" Deep
108-3016	108-3022	108-3028
108-3616	108-3622	108-3628
108-4216	108-4222	108-4228
108-4816	108-4822	108-4828





**THREE 1-3 DRAWERS - 1/3 Height drawers.** The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
133-1816	133-1822	133-1828
133-2116	133-2122	133-2128
133-2416	133-2422	133-2428



**THREE 1-3 DRAWERS - 1/3 Height drawers.** The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
132-3016	132-3022	132-3028
132-3616	132-3622	132-3628
132-4216	132-4222	132-4228
132-4816	132-4822	132-4828



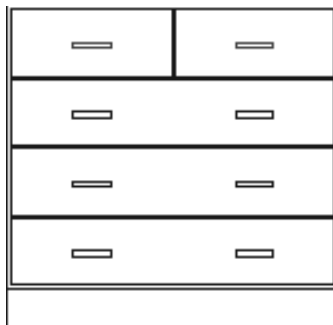
**FOUR 1-4 DRAWERS - 1/4 Height drawers.** The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
122-1816	122-1822	122-1828
122-2116	122-2122	122-2128
122-2416	122-2422	122-2428



**FOUR 1-4 DRAWERS - 1/4 Height drawers.** The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
121-3016	121-3022	121-3028
121-3616	121-3622	121-3628
121-4216	121-4222	121-4228
121-4816	121-4822	121-4828



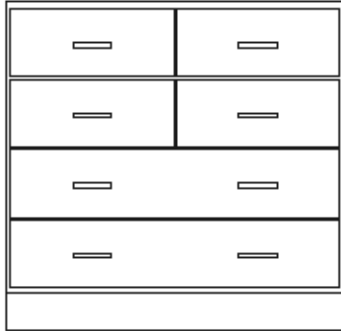
**FIVE 1-4 DRAWERS - 1/4 Height drawers.** Two small and three large. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
123-3016	123-3022	123-3028
123-3616	123-3622	123-3628
123-4216	123-4222	123-4228
123-4816	123-4822	123-4828



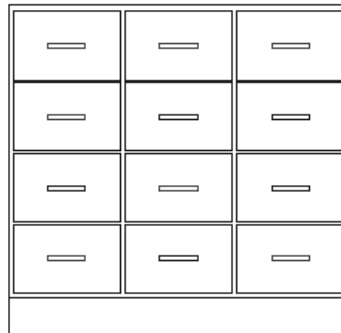
**EIGHT 1-4 DRAWERS - 1/4 Height drawers.** The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
124-3016	124-3022	124-3028
124-3616	124-3622	124-3628
124-4216	124-4222	124-4228
124-4816	124-4822	124-4828



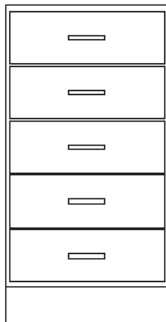
**SIX 1-4 DRAWERS - 1/4 Height drawers.** Four small and two large. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
127-3016	127-3022	127-3028
127-3616	127-3622	127-3628
127-4216	127-4222	127-4228
127-4816	127-4822	127-4828



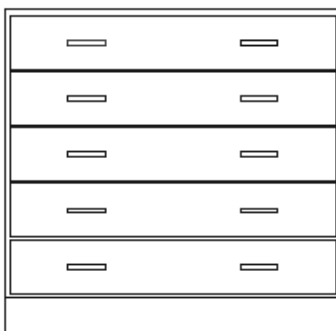
**TWELVE 1-4 DRAWERS - 1/4 Height drawers.** The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
120-3016	120-3022	120-3028
120-3616	120-3622	120-3628
120-4216	120-4222	120-4228
120-4816	120-4822	120-4828



**FIVE 1-5 DRAWERS - 1/5 Height drawers.** The last four digits indicate width and depth.

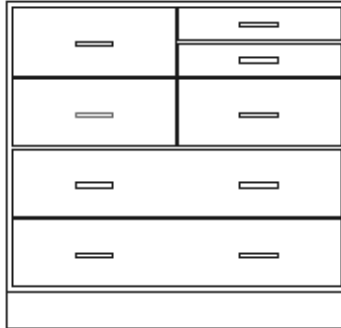
16" Deep	22" Deep	28" Deep
130-1816	130-1822	130-1828
130-2116	130-2122	130-2128
130-2416	130-2422	130-2428



**FIVE 1-5 DRAWERS - 1/5 Height drawers.** The last four digits indicate width and depth.

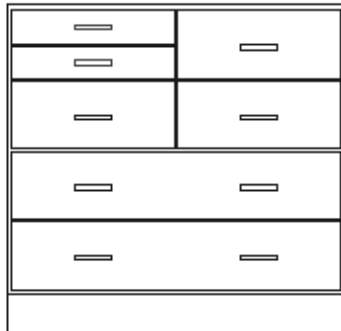
16" Deep	22" Deep	28" Deep
131-3016	131-3022	131-3028
131-3616	131-3622	131-3628
131-4216	131-4222	131-4228
131-4816	131-4822	131-4828

# Combination & File Drawers - 35" H



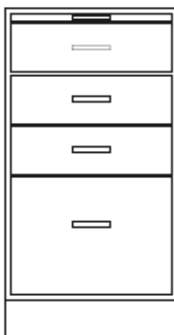
**SEVEN DRAWERS** - Two large and three small 1/4 height drawers and two 1/8 height drawers. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
128-3016	128-3022	128-3028
128-3616	128-3622	128-3628
128-4216	128-4222	128-4228
128-4816	128-4822	128-4828



**SEVEN DRAWERS** - Two large and three small 1/4 height drawers and two 1/8 height drawers. The last four digits indicate width and depth.

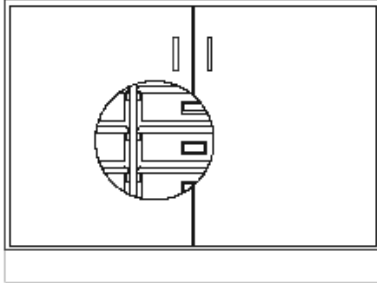
16" Deep	22" Deep	28" Deep
129-3016	129-3022	129-3028
129-3616	129-3622	129-3628
129-4216	129-4222	129-4228
129-4816	129-4822	129-4828



**FILE DRAWER** - One file drawers with frame and full extension slides, three small drawers and a pull-out writing shelf. The last four digits indicate width and depth.

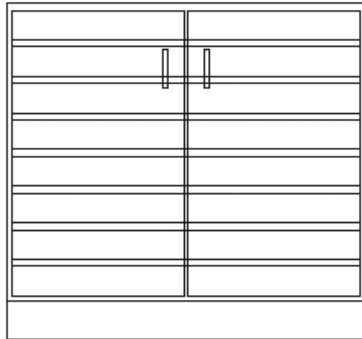
16" Deep	22" Deep	28" Deep
126-1816	126-1822	126-1828
126-2116	126-2122	126-2128
126-2416	126-2422	126-2428

## Tote Tray & Paper Storage - 35" H



**TOTE TRAY STORAGE** - Holds eighteen 18.75" x 14.25" x 3.5"H tote trays. The last two digits indicate depth.

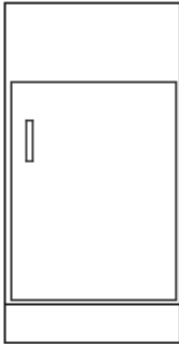
150-4822 48"W x 22"D x 35"H



**CHART AND PAPER STORAGE** - Equipped with seven pullout shelves. The 36" W model provides storage for paper up to 30" x 24"W. The 48" W model provides storage for paper up to 42" x 24" W. The last four digits indicate width and depth. *This unit has pull out shelves behind the double doors and should not be located in a corner or next to another cabinet unless allowance is made to allow the doors to swing open to approximately 110°. If circumstances are such that the unit must be located in a corner, a 6" minimum filler strip must be provided between the cabinet and the wall.*

160-3628 36"W x 28"D x 35"H

160-4828 48"W x 28"D x 35"H



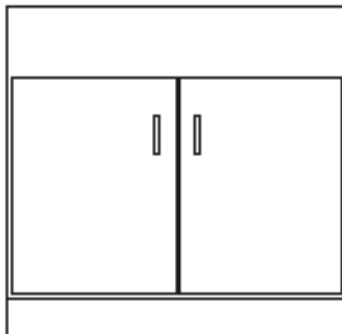
**SINK - Hinged right.** The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
193-1816	193-1822	193-1828
193-2116	193-2122	193-2128
193-2416	193-2422	193-2428



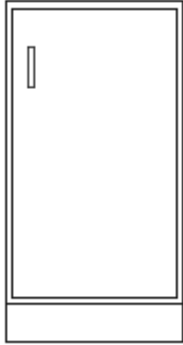
**SINK - Hinged left.** The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
194-1816	194-1822	194-1828
194-2116	194-2122	194-2128
194-2416	194-2422	194-2428



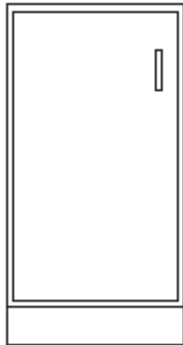
**SINK - Double swinging doors.** The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
181-3016	181-3022	181-3028
181-3616	181-3622	181-3628
181-4216	181-4222	181-4228
181-4816	181-4822	181-4828



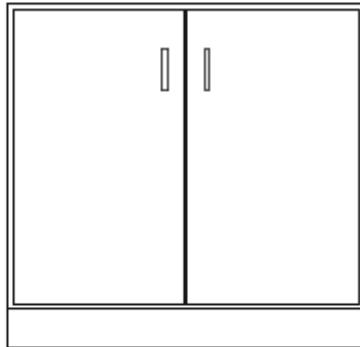
**FULL HEIGHT SINK - Hinged right.** The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
197-1816	197-1822	197-1828
197-2116	197-2122	197-2128
197-2416	197-2422	197-2428



**FULL HEIGHT SINK - Hinged left.** The last four digits indicate width and depth.

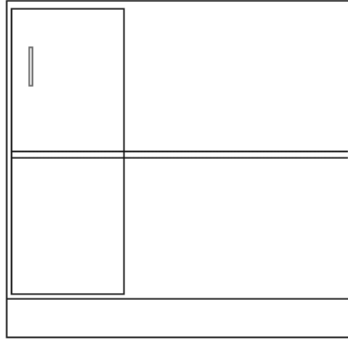
16" Deep	22" Deep	28" Deep
198-1816	198-1822	198-1828
198-2116	198-2122	198-2128
198-2416	198-2422	198-2428



**FULL HEIGHT SINK - Double swinging doors.** The last four digits indicate width and depth.

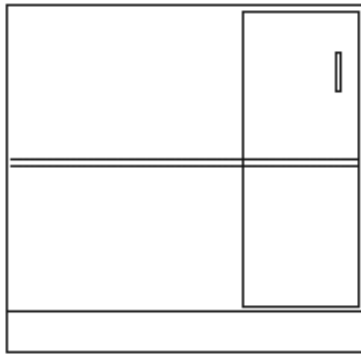
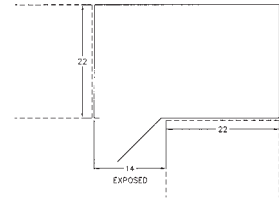
16" Deep	22" Deep	28" Deep
186-3016	186-3022	186-3028
186-3616	186-3622	186-3628
186-4216	186-4222	186-4228
186-4816	186-4822	186-4828





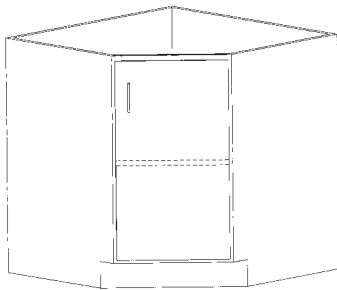
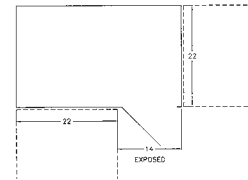
**DEAD CORNER - Solid door on left.** Hinged right. One adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
189-3616	189-3622	189-3628
189-4216	189-4222	189-4228
189-4816	189-4822	189-4828



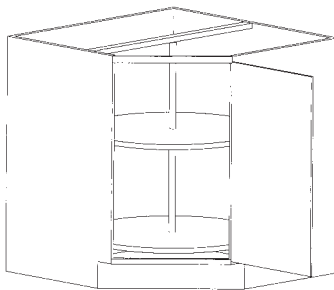
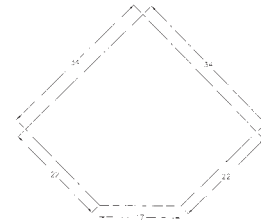
**DEAD CORNER - Solid door on right.** Hinged left. One adjustable shelf. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
190-3616	190-3622	190-3628
190-4216	190-4222	190-4228
190-4816	190-4822	190-4828



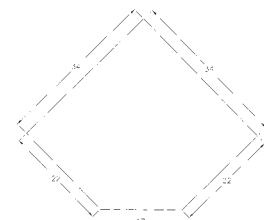
**CORNER - Hinged right.** One adjustable shelf. 22"D X 34"W

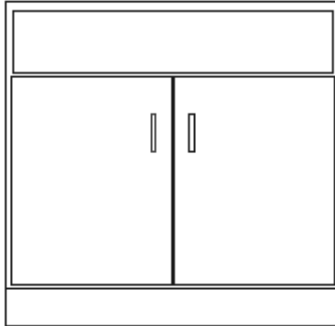
22" Deep  
187-3422



**CORNER - Hinged right.** Two revolving metal shelves. 22"D X 34"W

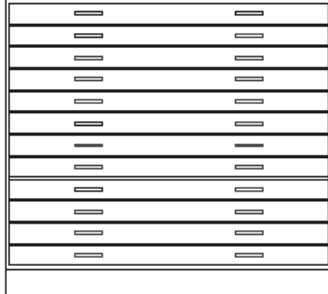
22" Deep  
188-3422





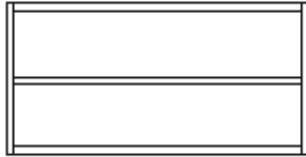
**FUME HOOD - Double swinging doors.** Recessed handle area. The last four digits indicate width and depth.

16" Deep	22" Deep	28" Deep
191-3016	191-3022	191-3028
191-3616	191-3622	191-3628
191-4816	191-4822	191-4828



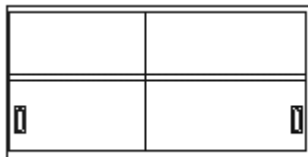
**ROCK AND MAP STORAGE** - Twelve drawers measuring 45.5"W x 28"D x 2"H. Last four digits indicate width and depth. Unit measures: 48" x 30.5"D x 44"H.

262-4830



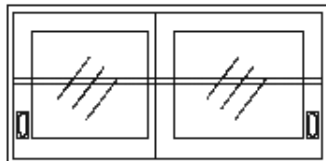
**OPEN SHELVING** - One adjustable shelf. The last four digits indicate width and depth.

12" Deep	16" Deep
B01-1812	B01-1816
B01-2112	B01-2116
B01-2412	B01-2416
B01-3012	B01-3016
B01-3612	B01-3616
B01-4212	B01-4216
B01-4812	B01-4816



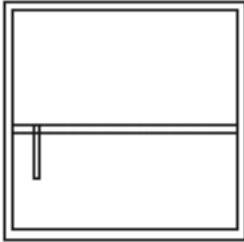
**SOLID SLIDING DOORS** - One adjustable shelf. The last four digits indicate width and depth.

12" Deep	16" Deep
B05-3012	B05-3016
B05-3612	B05-3616
B05-4212	B05-4216
B05-4812	B05-4816



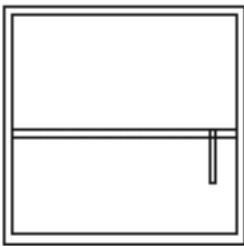
**GLAZED SLIDING DOORS** - One adjustable shelf. The last four digits indicate width and depth.

12" Deep	16" Deep
B08-3012	B08-3016
B08-3612	B08-3616
B08-4212	B08-4216
B08-4812	B08-4816



**SOLID DOOR - Hinged right.** One adjustable shelf. The last four digits indicate width and depth.

12" Deep	16" Deep
B17-1812	B17-1816
B17-2112	B17-2116
B17-2412	B17-2416



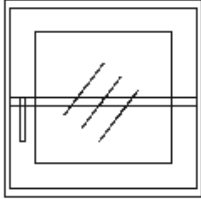
**SOLID DOOR - Hinged left.** One adjustable shelf. The last four digits indicate width and depth.

12" Deep	16" Deep
B18-1812	B18-1816
B18-2112	B18-2116
B18-2412	B18-2416



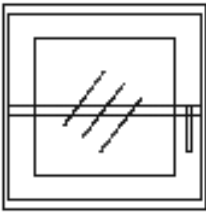
**SOLID DOORS - Double swinging doors.** One adjustable shelf. The last four digits indicate width and depth.

12" Deep	16" Deep
B03-3012	B03-3016
B03-3612	B03-3616
B03-4212	B03-4216
B03-4812	B03-4816



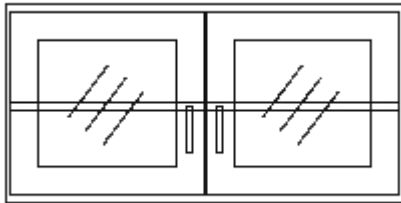
**GLAZED DOOR - Hinged right.** One adjustable shelf. The last four digits indicate width and depth.

12" Deep	16" Deep
B10-1812	B10-1816
B10-2112	B10-2116
B10-2412	B10-2416



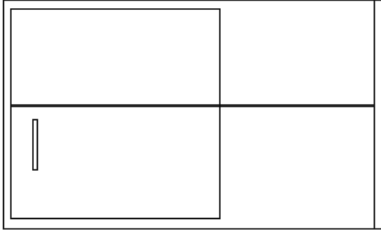
**GLAZED DOOR - Hinged left.** One adjustable shelf. The last four digits indicate width and depth.

12" Deep	16" Deep
B11-1812	B11-1816
B11-2112	B11-2116
B11-2412	B11-2416



**GLAZED DOORS - Double swinging doors.** One adjustable shelf. The last four digits indicate width and depth.

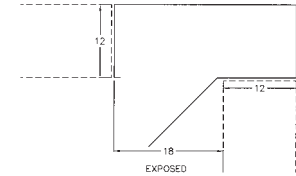
12" Deep	16" Deep
B06-3012	B06-3016
B06-3612	B06-3616
B06-4212	B06-4216
B06-4812	B06-4816



**SOLID DOOR DEAD CORNER - Hinged right.**

Door on left. One adjustable shelf. The last four digits indicate width and depth.

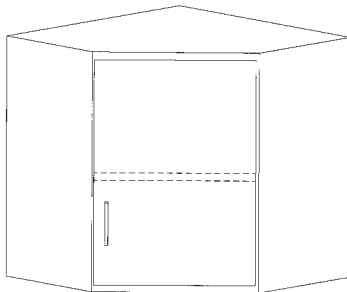
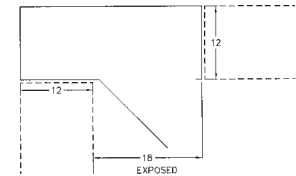
12" Deep	16" Deep
B89-3012	B89-3016
B89-3612	B89-3616
B89-4212	B89-4216
B89-4812	B89-4816



**SOLID DOOR DEAD CORNER - Hinged Left.**

Door on right. One adjustable shelf. The last four digits indicate width and depth.

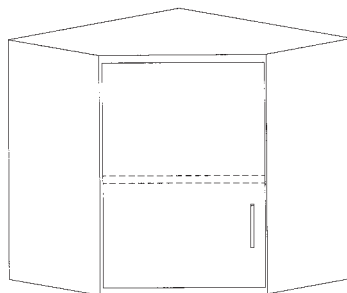
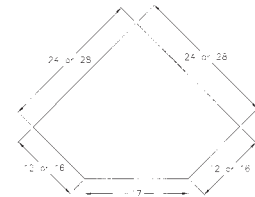
12" Deep	16" Deep
B90-3012	B90-3016
B90-3612	B90-3616
B90-4212	B90-4216
B90-4812	B90-4816



**SOLID DOOR CORNER - Hinged right.**

One adjustable shelf. The last four digits indicate width and depth.

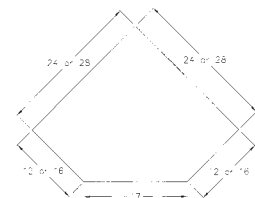
12" Deep	16" Deep
B87-2412	B87-2416
B87-2812	B87-2816



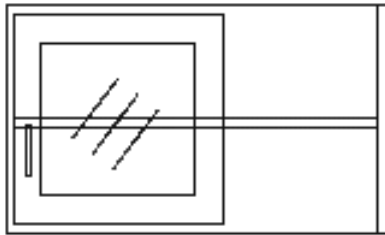
**SOLID DOOR CORNER - Hinged left.**

One adjustable shelf. The last four digits indicate width and depth.

12" Deep	16" Deep
B88-2412	B88-2416
B88-2812	B88-2816

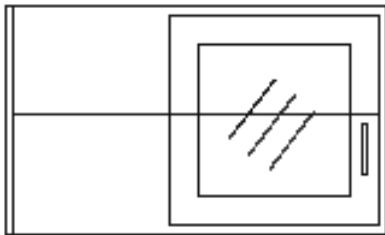
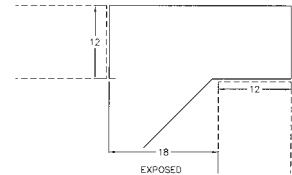






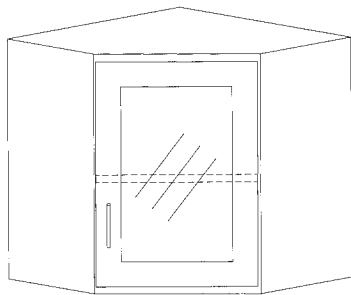
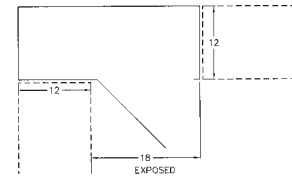
**GLAZED DOOR DEAD CORNER - Hinged right.** Door on left. One adjustable shelf.  
The last four digits indicate width and depth.

12" Deep	16" Deep
B91-3012	B91-3016
B91-3612	B91-3616
B91-4212	B91-4216
B91-4812	B91-4816



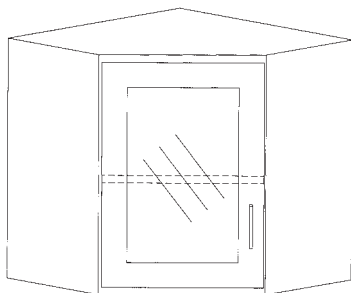
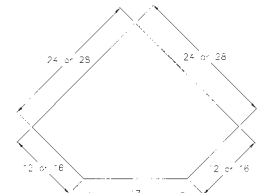
**GLAZED DOOR DEAD CORNER - Hinged Left.** Door on right. One adjustable shelf.  
The last four digits indicate width and depth.

12" Deep	16" Deep
B95-3012	B95-3016
B95-3612	B95-3616
B95-4212	B95-4216
B95-4812	B95-4816



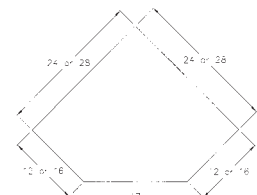
**GLAZED DOOR CORNER - Hinged right.**  
One adjustable shelf. The last four digits indicate width and depth.

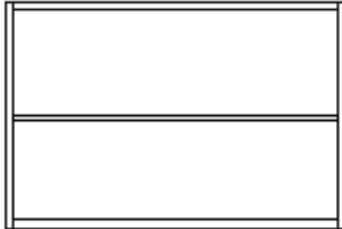
12" Deep	16" Deep
B86-2412	B86-2416
B86-2812	B86-2816



**GLAZED DOOR CORNER - Hinged left.**  
One adjustable shelf. The last four digits indicate width and depth.

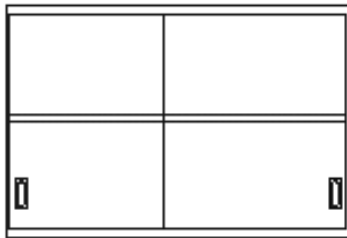
12" Deep	16" Deep
B85-2412	B85-2416
B85-2812	B85-2816





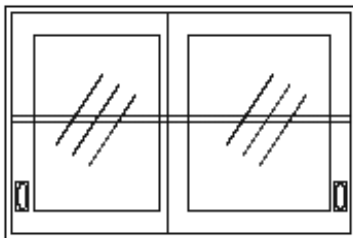
**OPEN SHELVING** - One adjustable shelf. The last four digits indicate width and depth.

12" Deep	16" Deep
C01-1812	C01-1816
C01-2112	C01-2116
C01-2412	C01-2416
C01-3012	C01-3016
C01-3612	C01-3616
C01-4212	C01-4216
C01-4812	C01-4816



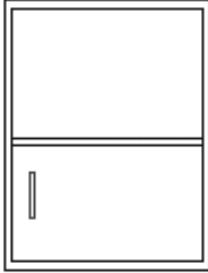
**SOLID SLIDING DOORS** - One adjustable shelf. The last four digits indicate width and depth.

12" Deep	16" Deep
C05-3012	C05-3016
C05-3612	C05-3616
C05-4212	C05-4216
C05-4812	C05-4816



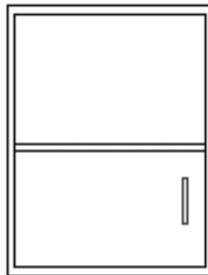
**GLAZED SLIDING DOORS** - One adjustable shelf. The last four digits indicate width and depth.

12" Deep	16" Deep
C08-3012	C08-3016
C08-3612	C08-3616
C08-4212	C08-4216
C08-4812	C08-4816



**SOLID DOOR - Hinged right.** One adjustable shelf. The last four digits indicate width and depth.

12" Deep	16" Deep
C17-1812	C17-1816
C17-2112	C17-2116
C17-2412	C17-2416



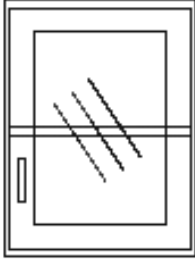
**SOLID DOOR - Hinged left.** One adjustable shelf. The last four digits indicate width and depth.

12" Deep	16" Deep
C18-1812	C18-1816
C18-2112	C18-2116
C18-2412	C18-2416



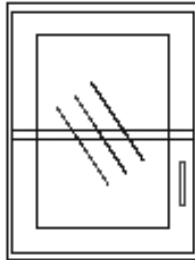
**SOLID DOORS - Double swinging doors.** One adjustable shelf. The last four digits indicate width and depth.

12" Deep	16" Deep
C03-3012	C03-3016
C03-3612	C03-3616
C03-4212	C03-4216
C03-4812	C03-4816



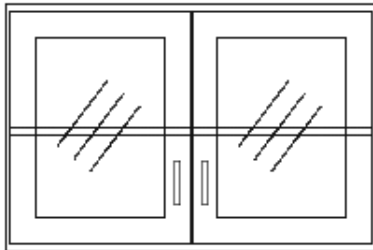
**GLAZED DOOR - Hinged right.** One adjustable shelf. The last four digits indicate width and depth.

12" Deep	16" Deep
C10-1812	C10-1816
C10-2112	C10-2116
C10-2412	C10-2416



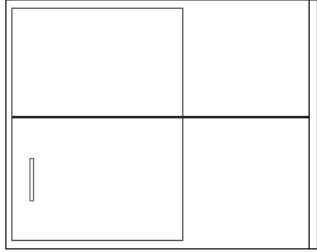
**GLAZED DOOR - Hinged left.** One adjustable shelf. The last four digits indicate width and depth.

12" Deep	16" Deep
C11-1812	C11-1816
C11-2112	C11-2116
C11-2412	C11-2416



**GLAZED DOORS - Double swinging doors.** One adjustable shelf. The last four digits indicate width and depth.

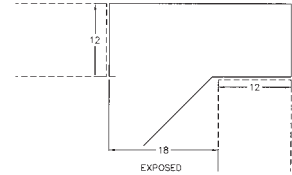
12" Deep	16" Deep
C06-3012	C06-3016
C06-3612	C06-3616
C06-4212	C06-4216
C06-4812	C06-4816



**SOLID DOOR DEAD CORNER - Hinged right.**

Door on left. One adjustable shelf. The last four digits indicate width and depth.

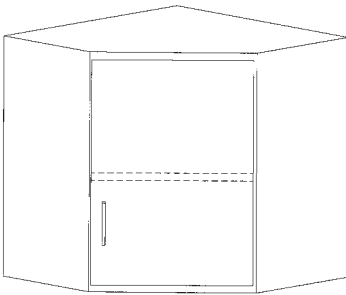
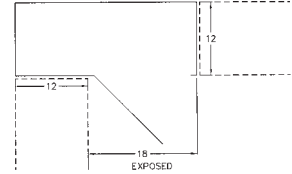
12" Deep	16" Deep
C89-3012	C89-3016
C89-3612	C89-3616
C89-4212	C89-4216
C89-4812	C89-4816



**SOLID DOOR DEAD CORNER - Hinged left.**

Door on right. One adjustable shelf. The last four digits indicate width and depth.

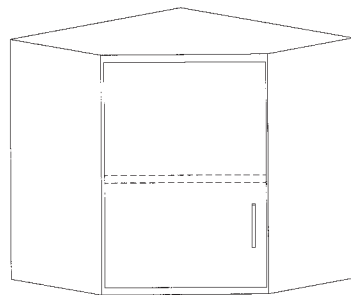
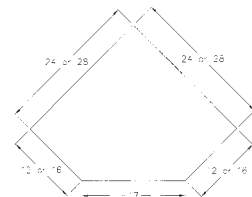
12" Deep	16" Deep
C90-3012	C90-3016
C90-3612	C90-3616
C90-4212	C90-4216
C90-4812	C90-4816



**SOLID DOOR CORNER - Hinged right.**

One adjustable shelf. The last four digits indicate width and depth.

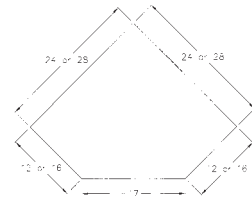
12" Deep	16" Deep
C87-2412	C87-2416
C87-2812	C87-2816

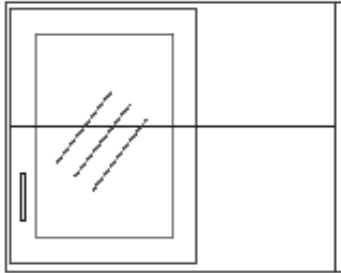


**SOLID DOOR CORNER - Hinged left.**

One adjustable shelf. The last four digits indicate width and depth.

12" Deep	16" Deep
C88-2412	C88-2416
C88-2812	C88-2816

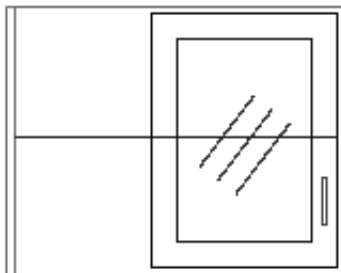
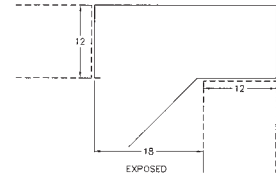




**GLAZED DOOR DEAD CORNER - Hinged right.**

Door on left. One adjustable shelf. The last four digits indicate width and depth.

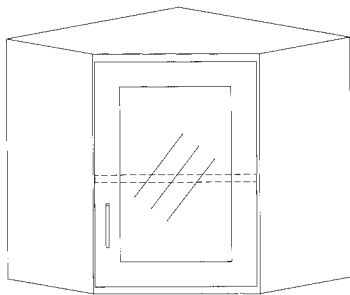
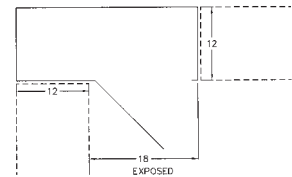
12" Deep	16" Deep
C91-3012	C91-3016
C91-3612	C91-3616
C91-4212	C91-4216
C91-4812	C91-4816



**GLAZED DOOR DEAD CORNER Hinged Left.**

Door on right. One adjustable shelf. The last four digits indicate width and depth.

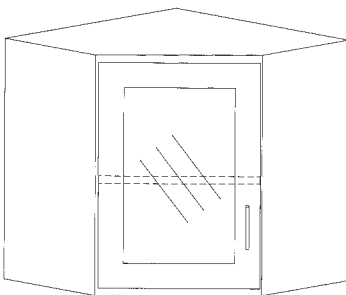
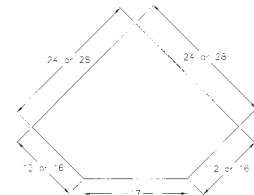
12" Deep	16" Deep
C95-3012	C95-3016
C95-3612	C95-3616
C95-4212	C95-4216
C95-4812	C95-4816



**GLAZED DOOR CORNER - Hinged right.**

One adjustable shelf. The last four digits indicate width and depth.

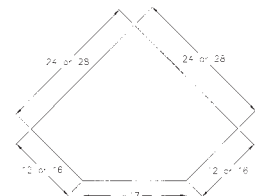
12" Deep	16" Deep
C86-2412	C86-2416
C86-2812	C86-2816



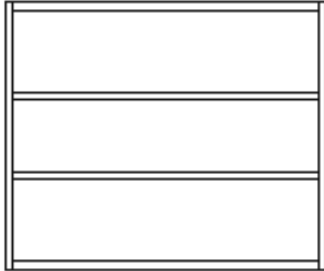
**GLAZED DOOR CORNER - Hinged left.**

One adjustable shelf. The last four digits indicate width and depth.

12" Deep	16" Deep
C85-2412	C85-2416
C85-2812	C85-2816

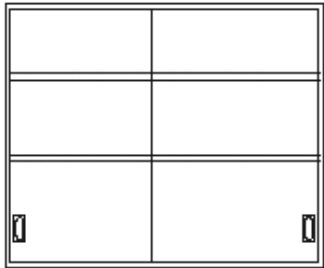


# Open Shelving/Sliding Door 30" H Wall



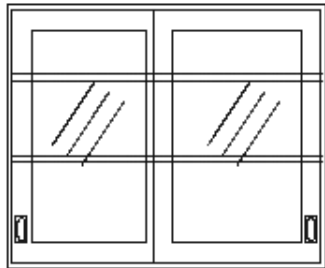
**OPEN SHELVING** - Two adjustable shelves. The last four digits indicate width and depth.

12" Deep	16" Deep
D01-1812	D01-1816
D01-2112	D01-2116
D01-2412	D01-2416
D01-3012	D01-3016
D01-3612	D01-3616
D01-4212	D01-4216
D01-4812	D01-4816



**SOLID SLIDING DOORS** - Two adjustable shelves. The last four digits indicate width and depth.

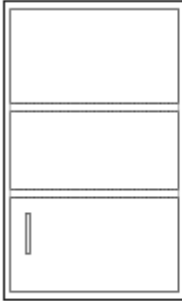
12" Deep	16" Deep
D05-3012	D05-3016
D05-3612	D05-3616
D05-4212	D05-4216
D05-4812	D05-4816



**GLAZED SLIDING DOORS** - Two adjustable shelves. The last four digits indicate width and depth.

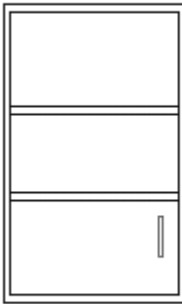
12" Deep	16" Deep
D08-3012	D08-3016
D08-3612	D08-3616
D08-4212	D08-4216
D08-4812	D08-4816





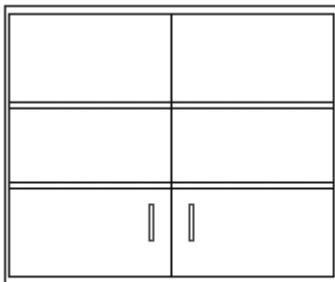
**SOLID DOOR - Hinged right.** Two adjustable shelves. The last four digits indicate width and depth.

12" Deep	16" Deep
D17-1812	D17-1816
D17-2112	D17-2116
D17-2412	D17-2416



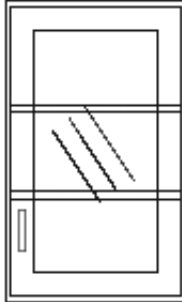
**SOLID DOOR - Hinged left.** Two adjustable shelves. The last four digits indicate width and depth.

12" Deep	16" Deep
D18-1812	D18-1816
D18-2112	D18-2116
D18-2412	D18-2416



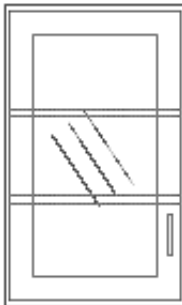
**SOLID DOORS - Double swinging doors.** Two adjustable shelves. The last four digits indicate width and depth.

12" Deep	16" Deep
D03-3012	D03-3016
D03-3612	D03-3616
D03-4212	D03-4216
D03-4812	D03-4816



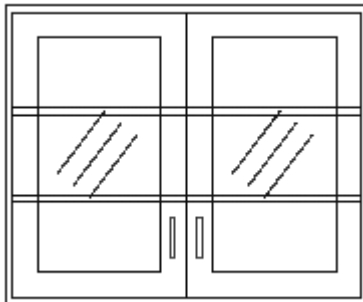
**GLAZED DOOR - Hinged right.** Two adjustable shelves. The last four digits indicate width and depth.

12" Deep	16" Deep
D10-1812	D10-1816
D10-2112	D10-2116
D10-2412	D10-2416



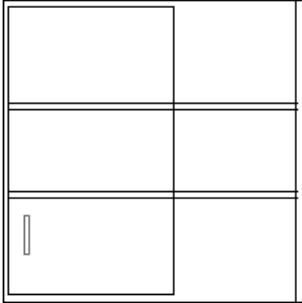
**GLAZED DOOR - Hinged left.** Two adjustable shelves. The last four digits indicate width and depth.

12" Deep	16" Deep
D11-1812	D11-1816
D11-2112	D11-2116
D11-2412	D11-2416



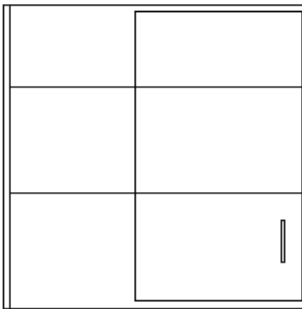
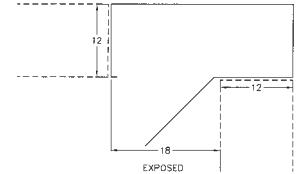
**GLAZED DOORS - Double swinging doors.** Two adjustable shelves. The last four digits indicate width and depth.

12" Deep	16" Deep
D06-3012	D06-3016
D06-3612	D06-3616
D06-4212	D06-4216
D06-4812	D06-4816



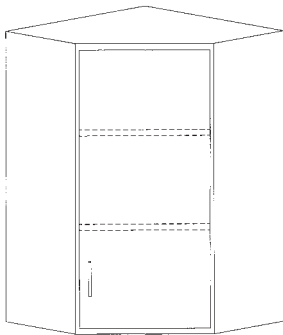
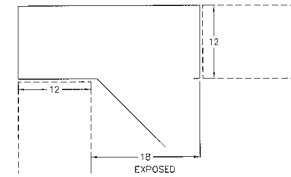
**SOLID DOOR DEAD CORNER - Hinged right.**  
Door on left. Two adjustable shelves. The last four digits indicate width and depth.

12" Deep	16" Deep
D89-3012	D89-3016
D89-3612	D89-3616
D89-4212	D89-4216
D89-4812	D89-4816



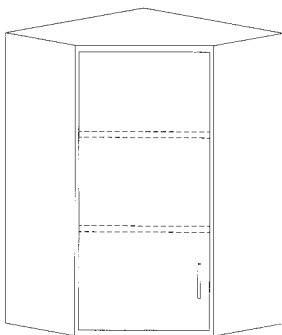
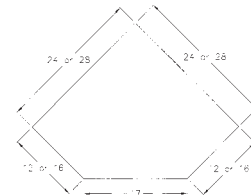
**SOLID DOOR DEAD CORNER - Hinged Left.**  
Door on right. Two adjustable shelves. The last four digits indicate width and depth.

12" Deep	16" Deep
D90-3012	D90-3016
D90-3612	D90-3616
D90-4212	D90-4216
D90-4812	D90-4816



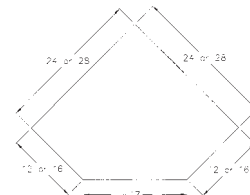
**SOLID DOOR CORNER - Hinged right.**  
Two adjustable shelves. The last four digits indicate width and depth.

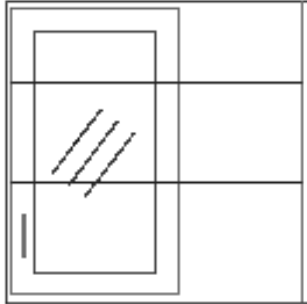
12" Deep	16" Deep
D87-2412	D87-2416
D87-2812	D87-2816



**SOLID DOOR CORNER - Hinged left.**  
Two adjustable shelves. The last four digits indicate width and depth.

12" Deep	16" Deep
D88-2412	D88-2416
D88-2812	D88-2816

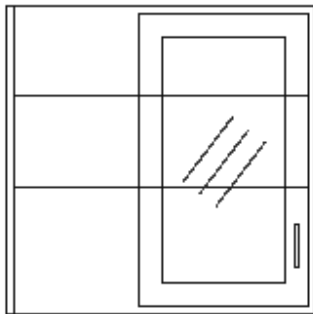
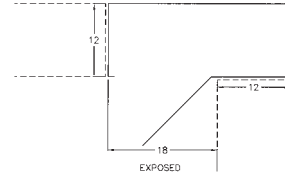




**GLAZED DOOR DEAD CORNER - Hinged right.**

Door on left. Two adjustable shelves. The last four digits indicate width and depth.

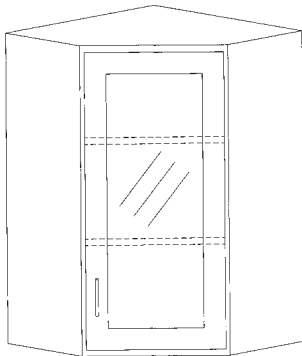
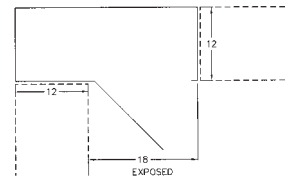
12" Deep	16" Deep
D91-3012	D91-3016
D91-3612	D91-3616
D91-4212	D91-4216
D91-4812	D91-4816



**GLAZED DOOR DEAD CORNER - Hinged Left.**

Door on right. Two adjustable shelves. The last four digits indicate width and depth.

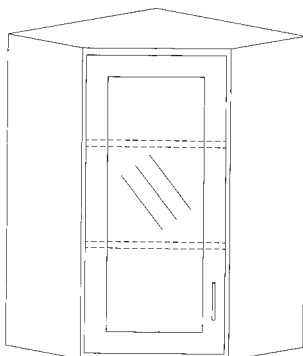
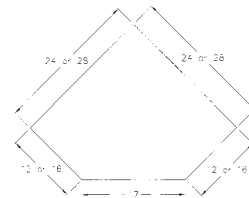
12" Deep	16" Deep
D95-3012	D95-3016
D95-3612	D95-3616
D95-4212	D95-4216
D95-4812	D95-4816



**GLAZED DOOR CORNER - Hinged right.**

Two adjustable shelves. The last four digits indicate width and depth.

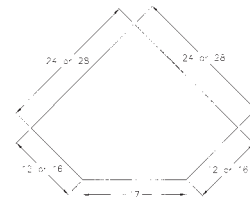
12" Deep	16" Deep
D86-2412	D86-2416
D86-2812	D86-2816



**GLAZED DOOR CORNER - Hinged left.**

Two adjustable shelves. The last four digits indicate width and depth.

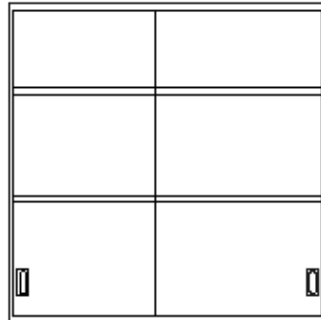
12" Deep	16" Deep
D85-2412	D85-2416
D85-2812	D85-2816





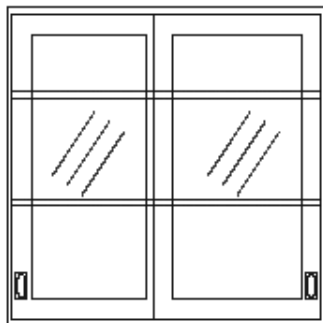
**OPEN SHELVING** - Two adjustable shelves. The last four digits indicate width and depth.

12" Deep	16" Deep
E01-1812	E01-1816
E01-2112	E01-2116
E01-2412	E01-2416
E01-3012	E01-3016
E01-3612	E01-3616
E01-4212	E01-4216
E01-4812	E01-4816



**SOLID SLIDING DOORS** - Two adjustable shelves. The last four digits indicate width and depth.

12" Deep	16" Deep
E05-3012	E05-3016
E05-3612	E05-3616
E05-4212	E05-4216
E05-4812	E05-4816



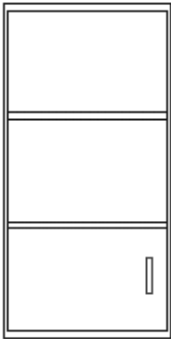
**GLAZED SLIDING DOORS** - Two adjustable shelves. The last four digits indicate width and depth.

12" Deep	16" Deep
E08-3012	E08-3016
E08-3612	E08-3616
E08-4212	E08-4216
E08-4812	E08-4816



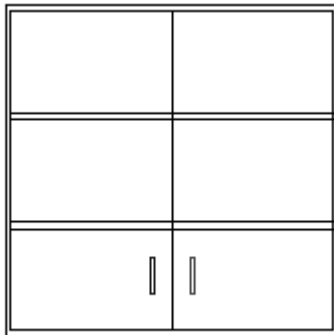
**SOLID DOOR - Hinged right.** Two adjustable shelves. The last four digits indicate width and depth.

12" Deep	16" Deep
E17-1812	E17-1816
E17-2112	E17-2116
E17-2412	E17-2416



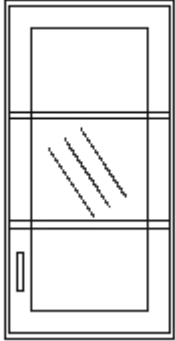
**SOLID DOOR - Hinged left.** Two adjustable shelves. The last four digits indicate width and depth.

12" Deep	16" Deep
E18-1812	E18-1816
E18-2112	E18-2116
E18-2412	E18-2416



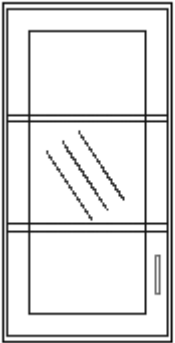
**SOLID DOORS - Double swinging doors.** Two adjustable shelves. The last four digits indicate width and depth.

12" Deep	16" Deep
E03-3012	E03-3016
E03-3612	E03-3616
E03-4212	E03-4216
E03-4812	E03-4816



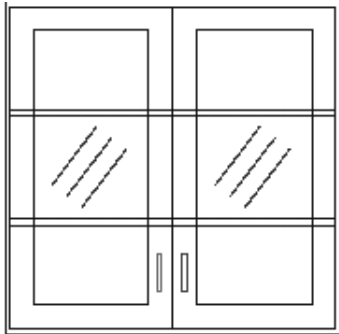
**GLAZED DOOR - Hinged right.** Two adjustable shelves.  
The last four digits indicate width and depth.

12" Deep	16" Deep
E10-1812	E10-1816
E10-2112	E10-2116
E10-2412	E10-2416



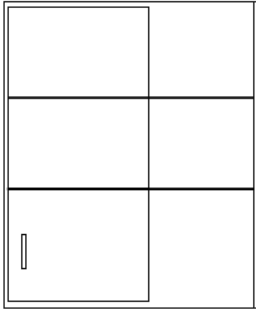
**GLAZED DOOR - Hinged left.** Two adjustable shelves.  
The last four digits indicate width and depth.

12" Deep	16" Deep
E11-1812	E11-1816
E11-2112	E11-2116
E11-2412	E11-2416



**GLAZED DOORS - Double swinging doors.** Two adjustable shelves.  
The last four digits indicate width and depth.

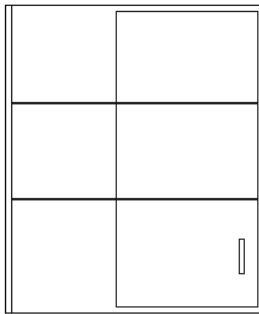
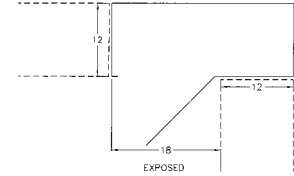
12" Deep	16" Deep
E06-3012	E06-3016
E06-3612	E06-3616
E06-4212	E06-4216
E06-4812	E06-4816



**SOLID DOOR DEAD CORNER - Hinged right.**

Door on left. Two adjustable shelves. The last four digits indicate width and depth.

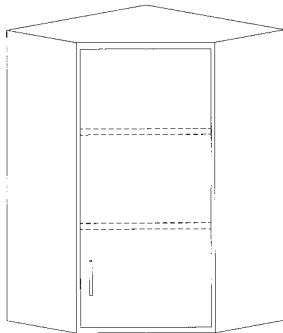
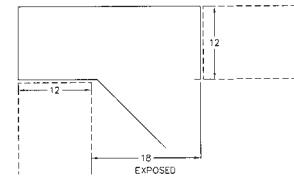
12" Deep	16" Deep
E89-3012	E89-3016
E89-3612	E89-3616
E89-4212	E89-4216
E89-4812	E89-4816



**SOLID DOOR DEAD CORNER - Hinged left.**

Door on right. Two adjustable shelves. The last four digits indicate width and depth.

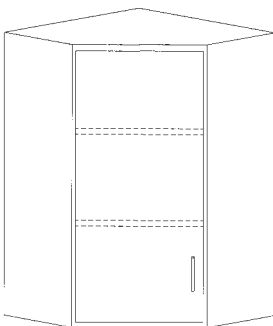
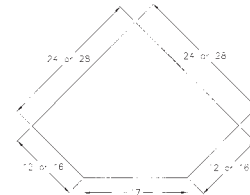
12" Deep	16" Deep
E90-3012	E90-3016
E90-3612	E90-3616
E90-4212	E90-4216
E90-4812	E90-4816



**SOLID DOOR CORNER - Hinged right.**

Two adjustable shelves. The last four digits indicate width and depth.

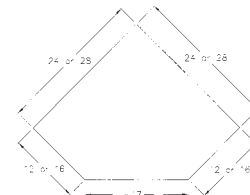
12" Deep	16" Deep
E87-2412	E87-2416
E87-2812	E87-2816



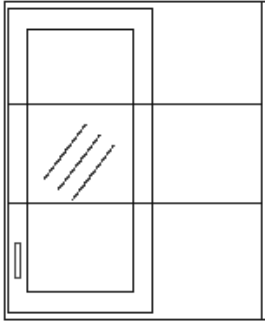
**SOLID DOOR CORNER - Hinged left.**

Two adjustable shelves. The last four digits indicate width and depth.

12" Deep	16" Deep
E88-2412	E88-2416
E88-2812	E88-2816



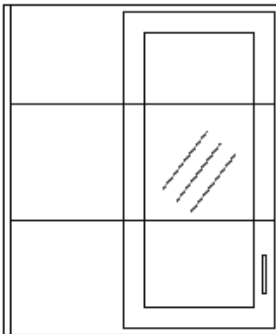
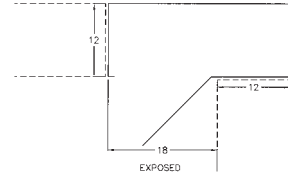




**GLAZED DOOR DEAD CORNER - Hinged right.**

Door on left. Two adjustable shelves.  
The last four digits indicate width and depth.

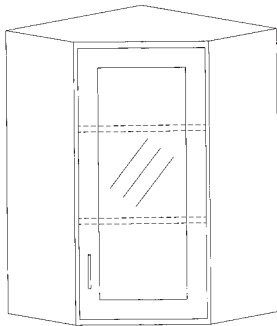
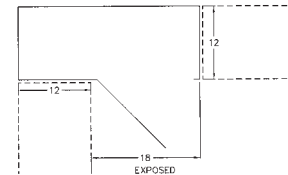
12" Deep	16" Deep
E91-3012	E91-3016
E91-3612	E91-3616
E91-4212	E91-4216
E91-4812	E91-4816



**GLAZED DOOR DEAD CORNER - Hinged Left.**

Door on right. Two adjustable shelves. The last four digits indicate width and depth.

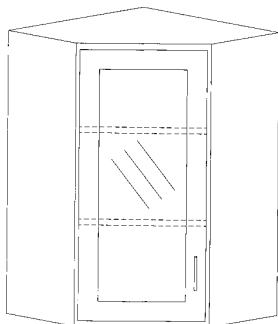
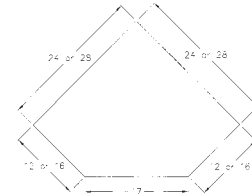
12" Deep	16" Deep
E95-3012	E95-3016
E95-3612	E95-3616
E95-4212	E95-4216
E95-4812	E95-4816



**GLAZED DOOR CORNER - Hinged right.**

Two adjustable shelves. The last four digits indicate width and depth.

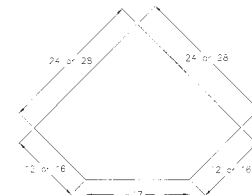
12" Deep	16" Deep
E86-2412	E86-2416
E86-2812	E86-2816



**GLAZED DOOR CORNER - Hinged left.**

Two adjustable shelves. The last four digits indicate width and depth.

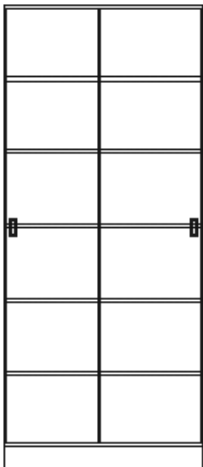
12" Deep	16" Deep
E85-2412	E85-2416
E85-2812	E85-2816





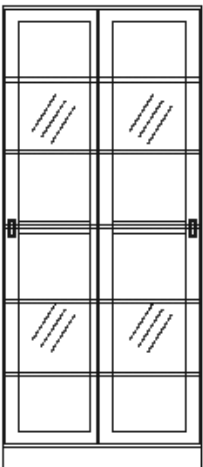
**OPEN SHELVING** - One fixed shelf and four adjustable shelves.  
The last four digits indicate width and depth.

12" Deep	16" Deep	22" Deep
301-1812	301-1816	301-1822
301-2112	301-2116	301-2122
301-2412	301-2416	301-2422
301-3012	301-3016	301-3022
301-3612	301-3616	301-3622
301-4212	301-4216	301-4222
301-4812	301-4816	301-4822



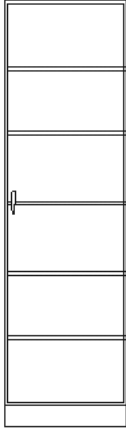
**SOLID SLIDING DOORS** - One fixed shelf and four adjustable shelves.  
A flush pull with a push lock. The last four digits indicate width and depth.

16" Deep	22" Deep
305-3016	305-3022
305-3616	305-3622
305-4216	305-4222
305-4816	305-4822



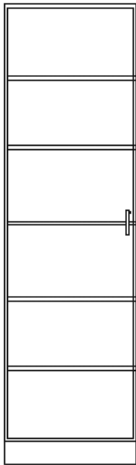
**GLAZED SLIDING DOORS** - One fixed shelf and four adjustable shelves.  
A flush pull with a push lock. The last four digits indicate width and depth.

16" Deep	22" Deep
308-3016	308-3022
308-3616	308-3622
308-4216	308-4222
308-4816	308-4822



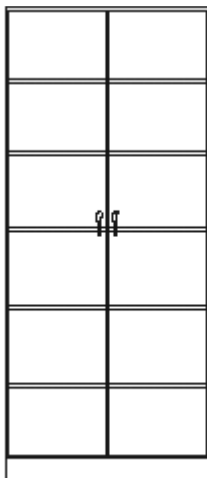
**SOLID DOOR - Hinged right.** One fixed shelf and four adjustable shelves. Three point latching handles. The last four digits indicate width and depth.

16" Deep	22" Deep
313-1816	313-1822
313-2116	313-2122
313-2416	313-2422



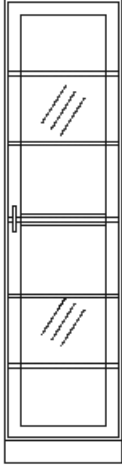
**SOLID DOOR - Hinged left.** One fixed shelf and four adjustable shelves. Three point latching handles. The last four digits indicate width and depth.

16" Deep	22" Deep
314-1816	314-1822
314-2116	314-2122
314-2416	314-2422



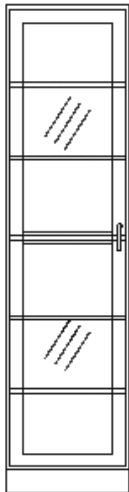
**SOLID DOORS - Double swinging doors.** One fixed shelf and four adjustable shelves. Three point latching handles. The last four digits indicate width and depth.

16" Deep	22" Deep
353-3016	353-3022
353-3616	353-3622
353-4216	353-4222
353-4816	353-4822



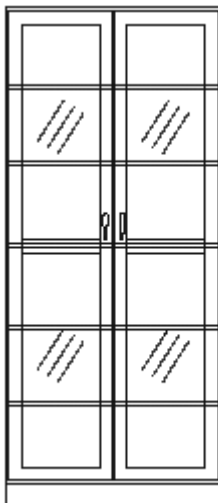
**GLAZED DOOR - Hinged right.** One fixed shelf and four adjustable shelves. Three point latching handles. The last four digits indicate width and depth.

16" Deep	22" Deep
315-1816	315-1822
315-2116	315-2122
315-2416	315-2422



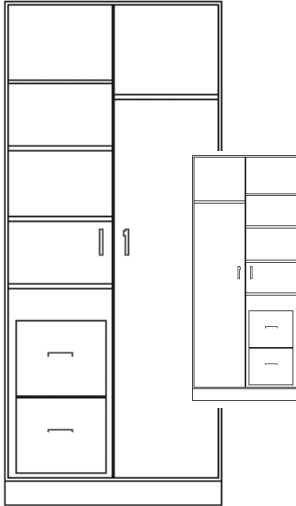
**GLAZED DOOR - Hinged left.** One fixed shelf and four adjustable shelves. Three point latching handles. The last four digits indicate width and depth.

16" Deep	22" Deep
316-1816	316-1822
316-2116	316-2122
316-2416	316-2422



**GLAZED DOORS - Double swinging doors.** One fixed shelf and four adjustable shelves. Three point latching handles. The last four digits indicate width and depth.

16" Deep	22" Deep
358-3016	358-3022
358-3616	358-3622
358-4216	358-4222
358-4816	358-4822



**WARDROBE UNIT** - Two fixed and three adjustable shelves.  
1/2 Width coat rod. Two unexposed file drawers with full extension slides. Three point latching handles. Available with shelves on left or right side of unit. The last four digits indicate width and depth.

*Shelves On Left* (SHOWN ON LEFT)

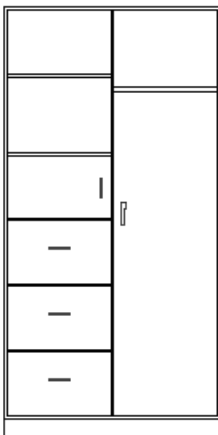
360-3622

360-4822

*Shelves On Right* (INSERT)

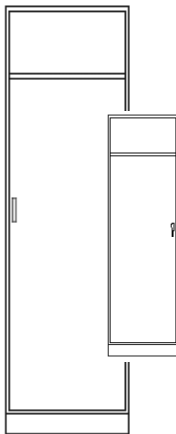
364-3622

364-4822



**WARDROBE UNIT** - One fixed hat shelf; two adjustable shelves, 3 files drawers with full extension slides. One half width hanger rod. Door equipped with mirror. Three point latching handle. The last four digits indicate width and depth.

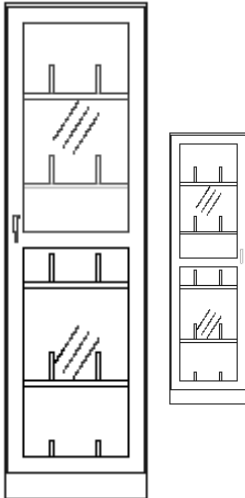
363-4222



**WARDROBE UNIT** - One hanger rod. One fixed hat shelf. Three point latching handle. The last four digits indicate width and depth.

362-2422 Hinged right (SHOWN ON LEFT)

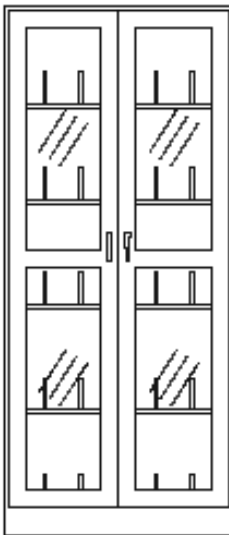
361-2422 Hinged left (INSERT)



**MICROSCOPE CABINET** - Fixed shelf and three adjustable shelves. 3/16" tempered glass doors. Removable dividers. Unit holds 15 microscopes. Three point latching handle. Last four digits indicate width and depth.

370-2416 Hinged right (SHOWN ON LEFT)

371-2416 Hinged left (INSERT)



**MICROSCOPE CABINET** - Fixed shelf and three adjustable shelves. 3/16" tempered glass doors. Removable dividers. three point latching handle. Last four digits indicate width and depth.

372-3616 Holds 20 Microscopes

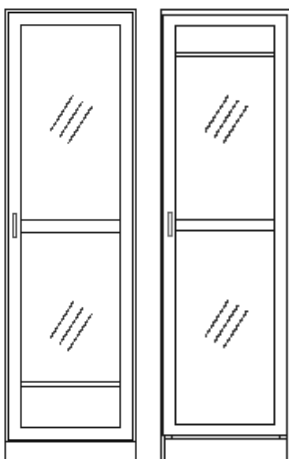
372-3622 Holds 20 Microscopes

372-4216 Holds 25 Microscopes

372-4222 Holds 25 Microscopes

372-4816 Holds 30 Microscopes

372-4822 Holds 30 Microscopes

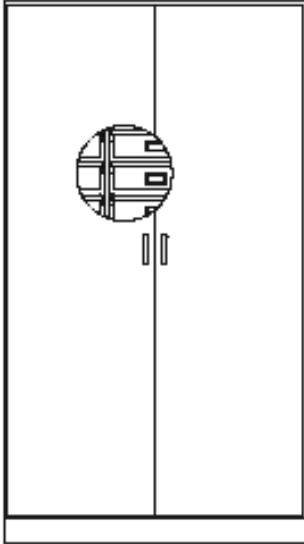


**SKELETON CABINET** - Retractable glide for hanging skeleton. 3/16 tempered glass doors with three point latching handle. Fixed bottom shelf. Last four digits indicate width and depth.

375-2422

**SKELETON CABINET** - For roll-in model skeleton. 3/16 tempered glass doors with three point latching handle. Adjustable top shelf. Last four digits indicate width and depth.

377-2422



**TOTE TRAY CABINET** - Holds 48 trays measuring 14-1/4"W x 19"D x 3-1/2"H.  
Three point latching handle. Last two digits indicate depth.

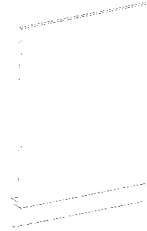
350-4822



### BASE FILLER CODE

HEIGHT	WIDTH
BF29 = 29"H	1"
BF33 = 33"H	2"
BF35 = 35"H	3"
	6"
	12"
	18"
	24"
	48"

WOOD: K=OAK, M=Maple  
 EXAMPLE: A 29"H x 6"W Oak Base Filler would be: **BF296K**



### BASE FILLER WITH TOE KICK CODE

HEIGHT	WIDTH
BFT29 = 29"H	24"
BFT33 = 33"H	30"
BFT35 = 35"H	36"
	42"
	48"

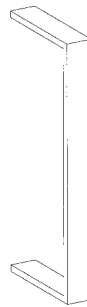
WOOD: K=OAK, M=Maple  
 EXAMPLE: A 33"H x 30"W Oak Base Filler with Toe kick would be: **BFT3330K**



### UPPER FILLER CODE

HEIGHT	WIDTH
UF18 = 18"	1"
UF24 = 24"	2"
UF30 = 30"	3"
UF36 = 36"	6"
	12"
	18"
	24"

WOOD: K=OAK, M=Maple  
 EXAMPLE: A 30"H x 6"W Oak Upper Filler would be: **UF306K**



### UPPER FILLER ENCLOSED CODE

HEIGHT	WIDTH	DEPTH
UFE18 = 18"H	1"	12"
UFE24 = 24"H	2"	16"
UFE30 = 30"H	3"	
UFE36 = 36"H	6"	
	12"	
	18"	
	24"	

WOOD: K=OAK, M=Maple  
 EXAMPLE: A 30"H x 24"W Oak Upper Enclosed Filler would be: **UFE3024K**



### 1" END PANEL WITH NO TOE KICK CODE

HEIGHT	DEPTH
EP29 = 29"H	17"
EP33 = 33"H	23"
EP35 = 35"H	29"

WOOD: K=OAK, M=Maple  
 EXAMPLE: A 35"H x 29"D x 1" Maple End Panel with no Toe kick would be: **EP3529M**



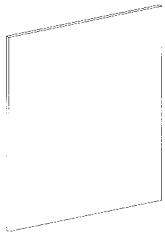
### 1" END PANEL WITH TOE KICK CODE

HEIGHT	DEPTH
EPT29 = 29"H	17"
EPT33 = 33"H	23"
EPT35 = 35"H	29"

WOOD: K=OAK, M=Maple  
 EXAMPLE: A 35"H x 29"D x 1" Maple End Panel with Toe kick would be: **EPT3529M**



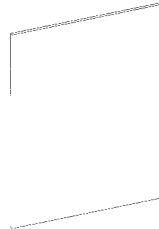
### KNEE SPACE PANEL CODE (FINISHED 1 SIDE)



HEIGHT	WIDTH
KSP29 = 29"H	24"
KSP33 = 33"H	30"
KSP35 = 35"H	36"
	42"
	48"

WOOD: K=OAK, M=Maple  
 EXAMPLE: A 29"H x 24"W Oak Knee Space Panel would be: **KSP2924K**

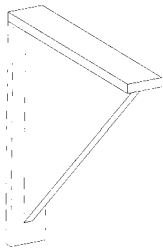
### MODESTY PANEL CODE (FINISHED 2 SIDES)



HEIGHT	WIDTH
MP29 = 29"H	24"
MP33 = 33"H	30"
MP35 = 35"H	36"
	42"
	48"

WOOD: K=OAK, M=Maple  
 EXAMPLE: A 29"H x 24"W Modesty Panel would be: **MP2924K**

### KNEE SPACE SUPPORT CODE



HEIGHT	WIDTH
KSS18 = 18"H	18"
KSS24 = 24"H	24"

WOOD: K=OAK, M=Maple  
 EXAMPLE: A 24"H x 24"W Oak Knee Space Support would be: **KSS2424K**

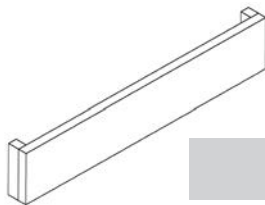
### CORNER FILLER W/O TOE KICK CODE



HEIGHT	WIDTH
CF29 = 29"H	2"
CF33 = 33"H	
CF35 = 35"H	

WOOD: K=OAK, M=Maple  
 EXAMPLE: A 29"H x 2"W Oak Corner Filler without Toe kick would be: **CF292K**

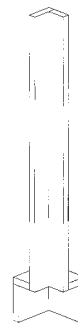
### APRON RAIL CODE



HEIGHT	WIDTH
AR2 = 2"H	24"
AR4 = 4.5"H	30"
AR6 = 6"H	36"
	42"
	48"

WOOD: K=OAK, M=Maple  
 EXAMPLE: A 4"H x 24"W Oak Apron Rail would be: **AR424K**

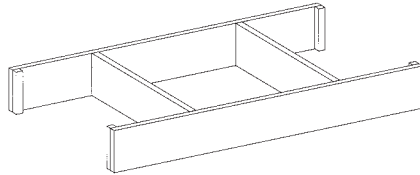
### CORNER FILLER WITH TOE KICK CODE



HEIGHT	WIDTH
CFT29 = 29"H	2"
CFT33 = 33"H	
CFT35 = 35"H	

WOOD: K=OAK, M=Maple  
 EXAMPLE: A 29"H x 2"W Oak Corner Filler with Toekick would be: **CFT292K**

### APRON-BETWEEN CABINETS, AGAINST WALL



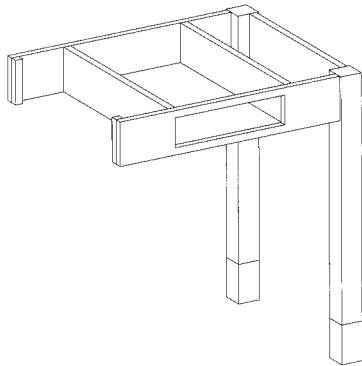
HEIGHT	LENGTH	DEPTH
BC3 = 3" HIGH	24"	15"
BC4 = 4-1/2" HIGH	30"	21"
	36"	27"
	42"	
	48"	
	54"	
	60"	

STYLE: C=COMP, P=PLAIN / WOOD: K=OAK, M=Maple

NOTE: 3" High apron available in plain style only.

EXAMPLE: A 3"H x 24"L x 15"D Oak Plain Apron that is between cabinets and against a wall would be: **BC32415PK**

### APRON-END OF CABINET, AGAINST WALL WITH LEGS



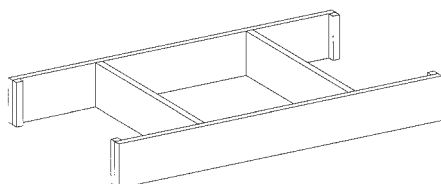
HEIGHT	LENGTH	DEPTH
EC3 = 3" HIGH	24"	15"
EC4 = 4-1/2" HIGH	30"	21"
	36"	27"
	42"	
	48"	
	54"	
	60"	

STYLE: C=COMP, P=PLAIN / WOOD: K=OAK, M=Maple

NOTE: 3" High apron available in plain style only.

EXAMPLE: A 3"H x 30"L x 21"D Oak Compartment Apron that is at the end of a cabinet and against a wall with legs would be: **EC33021CK**

### APRON-BETWEEN ISLAND CABINETS (FINISHED BOTH SIDES)

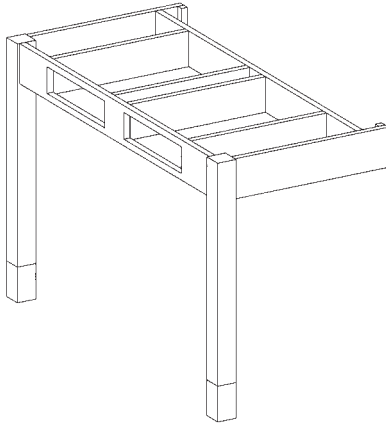


HEIGHT	LENGTH	DEPTH
BIC3 = 3" HIGH	24"	15"
BIC4 = 4-1/2" HIGH	30"	21"
	36"	27"
	42"	38"
	48"	44"
	54"	
	60"	

STYLE: C=COMP, P=PLAIN / WOOD: K=OAK, M=Maple

NOTE: 3" High apron available in plain style only.

EXAMPLE: A 3"H x 24"L x 15"D Oak Plain Apron that is between an island would be: **BIC32415PK**



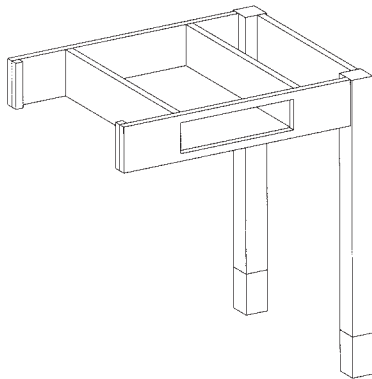
**APRON-ISLAND END CAP WITH LEGS (FINISHED BOTH ENDS)**

HEIGHT	LENGTH	DEPTH
IE3 = 3" HIGH	38"	15"
IE4 = 4-1/2" HIGH	44"	21"
	50"	27"
	56"	

STYLE: C=COMP, P=PLAIN / WOOD: K=OAK, M=Maple

NOTE: 3" High apron available in plain style only.

EXAMPLE: A 3"H x 56"L x 15"D Oak Compartment Apron that is an island end cap with legs would be: **IE35615CK**



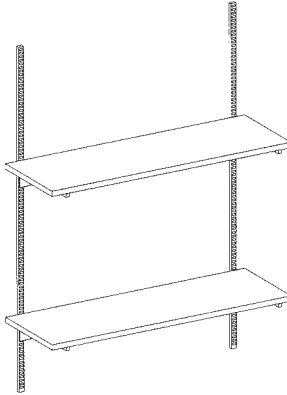
**APRON-END OF ISLAND CABINET WITH LEGS (FINISHED BOTH SIDES)**

HEIGHT	LENGTH	DEPTH
EIC3 = 3" HIGH	24"	15"
EIC4 = 4-1/2" HIGH	30"	21"
	36"	27"
	42"	39"
	48"	45"
	54"	
60"		

STYLE: C=COMP, P=PLAIN / WOOD: K=OAK, M=Maple

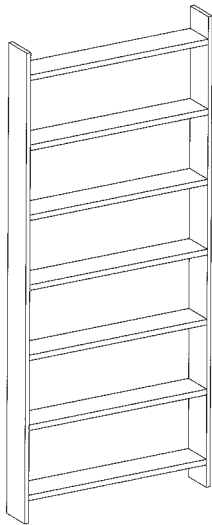
NOTE: 3" High apron available in plain style only.

EXAMPLE: A 3"H x 30"L x 21"D Oak Compartment Apron that is at the end of an island with legs would be: **EIC33021CK**



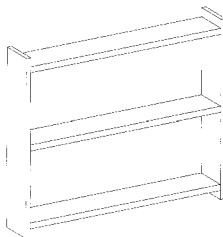
**WALL MOUNTED ADJUSTABLE SHELVES** - 12 gauge steel vertical uprights support 3/4" oak shelving. Shelf brackets are extra heavy duty and adjustable on 2" increments. Uprights and brackets have a satin Anochrome finish. Vertical uprights should be ordered separately. Two vertical uprights are used for shelves 24-48"W. Shelves over 48"W require three vertical uprights. Shelves 24-48"W come complete with oak shelf and one left and right shelf bracket. Shelves over 48"W come complete with oak shelf and one left, right and center shelf bracket. Shelves available in 8", 10" and 12" depth.

100900	24"W x 8"D Shelf	100909	60"W x 8"D Shelf	100918	24" Vert. Upright
100901	24"W x 10"D Shelf	100910	60"W x 10"D Shelf	100919	36" Vert. Upright
100902	24"W x 12"D Shelf	100911	60"W x 12"D Shelf	100920	48" Vert. Upright
100903	36"W x 8"D Shelf	100912	72"W x 8"D Shelf	100921	60" Vert. Upright
100904	36"W x 10"D Shelf	100913	72"W x 10"D Shelf	100922	72" Vert. Upright
100905	36"W x 12"D Shelf	100914	72"W x 12"D Shelf	100923	84" Vert. Upright
100906	48"W x 8"D Shelf	100915	84"W x 8"D Shelf		
100907	48"W x 10"D Shelf	100916	84"W x 10"D Shelf		
100908	48"W x 12"D Shelf	100917	84"W x 12"D Shelf		



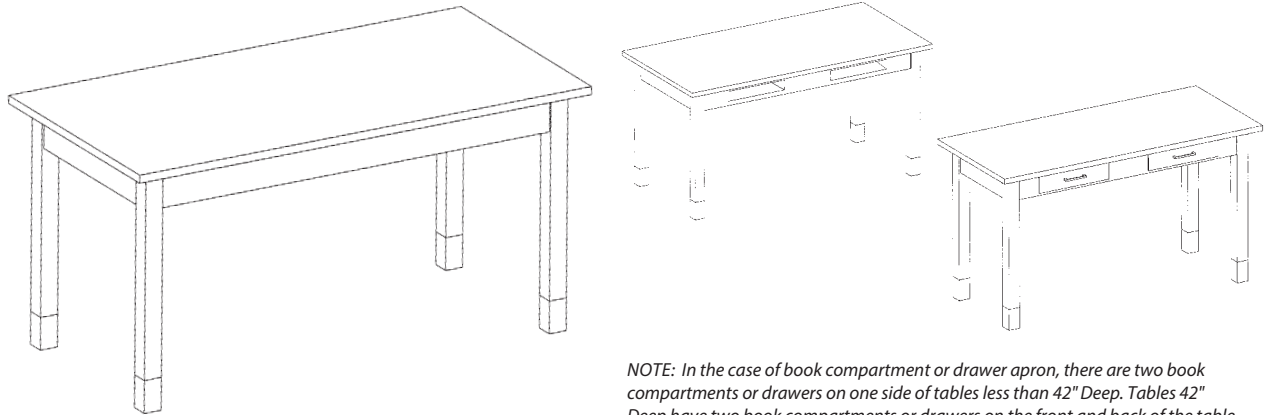
**REAGENT SHELVING** - 84"H reagent shelving can be either stained to match casework or phenolic resin. Last four digit indicate width and depth.

6" Deep	330-3012
330-3006	330-3612
330-3606	330-4212
330-4206	
12" Deep	



**REAGENT SHELVING** - 30"H reagent shelving can be either stained to match casework or phenolic resin. Last four digit indicate width and depth.

6" Deep	12" Deep
D30-3006	D30-3012
D30-3606	D30-3612
D30-4206	D30-4212



*NOTE: In the case of book compartment or drawer apron, there are two book compartments or drawers on one side of tables less than 42" Deep. Tables 42" Deep have two book compartments or drawers on the front and back of the table.*

**SCIENCE AND UTILITY TABLES** - Tables in a variety of sizes, with several different top materials. Legs and aprons are constructed of solid northern red oak or maple, and are smoothly machined and finished with a clear environmentally friendly waterborne acrylic finish. Aprons are constructed of solid northern red oak or maple and are 13/16"D x 4-1/2"H with heavy-duty

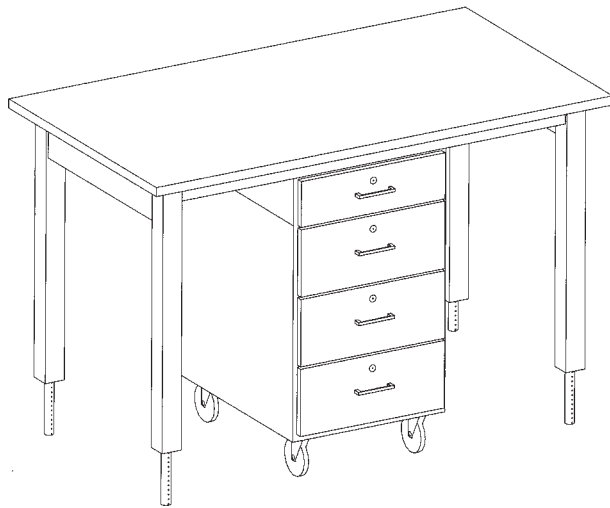
13 gauge steel corner braces. 2-1/4" square legs, with 5/16" hanger bolts installed, are attached to apron with nuts and washers supplied. All tables are equipped with non-skid adjustable glides for precise leveling and for prevention of rocking on uneven floors. Tables are supplied with black rubber leg boots which offer protection against scuffing and chemical spills.

### TABLE CODE

APRON STYLE	SIZE	TOP	WOOD	HEIGHT	OPTIONS
<b>P</b> = Plain	<b>716</b> = 21" X 48"	<b>0</b> = No Top	<b>K</b> = Oak	<b>0</b> = No Legs	<b>N</b> = None
<b>C</b> = Book Compartment	<b>718</b> = 21" X 54"	<b>1</b> = 1-1/4" Plastic Laminate	<b>M</b> = Maple	30"	<b>L</b> = Leg Braces
<b>D</b> = Drawer	<b>721</b> = 21" X 60"	<b>2</b> = 1-1/4" ChemArmor Laminate		34"	<b>S</b> = Leg Braces and Stretchers
	<b>723</b> = 21" X 72"	<b>4</b> = 1" Phenolic Resin		36"	<b>E</b> = Electrical
	<b>710</b> = 24" X 48"	<b>5</b> = 1-3/4" Solid Maple			<b>LE</b> = Leg Braces and Electrical
	<b>720</b> = 24" X 54"	<b>6</b> = 1" Epoxy Resin			<b>SE</b> = Leg Braces, Stretchers and Electrical
	<b>760</b> = 24" X 60"	<b>7</b> = 1-1/4" Rock			<b>C</b> = Casters
	<b>730</b> = 24" X 72"	<b>8</b> = 3/4" Epoxy Resin			
	<b>712</b> = 30" X 48"				
	<b>713</b> = 30" X 54"				
	<b>714</b> = 30" X 60"				
	<b>715</b> = 30" X 72"				
	<b>717</b> = 36" X 48"				
	<b>719</b> = 36" X 54"				
	<b>722</b> = 36" X 60"				
	<b>724</b> = 36" X 72"				
	<b>711</b> = 42" X 48"				
	<b>780</b> = 42" X 54"				
	<b>790</b> = 42" X 60"				
	<b>740</b> = 42" X 72"				

**EXAMPLE:** An oak 24" x 60" x 30"H plain apron table with an epoxy resin top and no leg braces, stretchers or electrical would be: **P7606K30N**

*We recommend that 42"W tables be ordered with leg braces.*



**ADJUSTABLE HEIGHT TABLES** - Welded 2" steel angle iron frame is bolted directly to the 2-1/4" solid Oak or Maple legs. A 3/4" veneer core plywood apron surrounds the steel frame and is also screwed and bolted to the hardwood legs. 1" stainless steel legs are held in place by a steel allen head bolt and are adjustable on 1" centers from 30" to 36"H. Load capacity of 500 lbs.

The table is available with a mobile drawer system. The mobile drawer system incorporates 4 drawers in a unique system that allows the unit to roll under the apron when adjusted to 36". The top-drawer unit is removable to allow the 3-drawer unit to fit under the 30" high setting. All drawers are locked and roll smoothly on 100 lb. full extension glides. The unit rolls easily on 3" locking swivel casters.

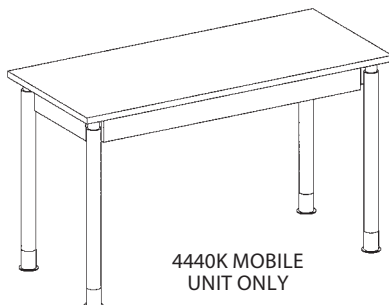
## TABLE CODE

TABLE OPTION	SIZE	TOP	WOOD
<b>A</b> = Table Only	<b>713</b> = 30" X 54"	<b>6</b> = 1" Epoxy Resin	<b>K</b> = Oak <b>M</b> = Maple
<b>AM</b> = Table with Mobile Drawer System	<b>714</b> = 30" X 60"		
	<b>715</b> = 30" X 72"		
	<b>725</b> = 30" X 84"		

EXAMPLE: An oak 30" x 60" table with an epoxy resin top and mobile drawer system would be: **AM7146K**

**ADJUSTABLE HEIGHT TABLE** - This amazing table's height can be adjusted by one person with out the use of tools in less than 30 seconds. Adjust only one end and you have an incline table for physics. Adjust to 27"H and use in elementary grades. Raise to 39"H for display work. Table adjusts in 1" increments

from 27"H to 39"H. Table boasts a 500 lb. weight capacity. The 4-1/2"H solid oak frame with exposed metal corner braces compliment the powder coated legs with adjustable glides. Available in four sizes with two top options, 1-1/4" plastic laminate or chemical resistant ChemArmor.



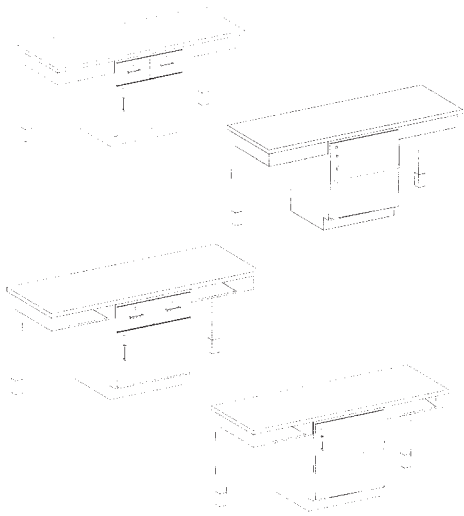
Size	1-1/4" Plastic Laminate	1-1/4" ChemArmor
24" x 48"	P8101K	P8102K
24" x 54"	P8201K	P8202K
24" x 60"	P8601K	P8602K
24" x 72"	P8301K	P8302K

100709X4 Set of Four Casters  
100093X4 Set of Four Incline Table Levelers

**SCIENCE TABLE WITH STORAGE CABINET** - 24"W x 29"H center cabinet with one adjustable shelf. This table is available with a plain apron or with book compartments. The center cabinet is available with two drawers or as a plain base cabinet. This unit is available with our complete line of top materials to satisfy every requirement or budget.

**TWO STATION CABINET TABLES**  
66"W x 24"D x 30"H

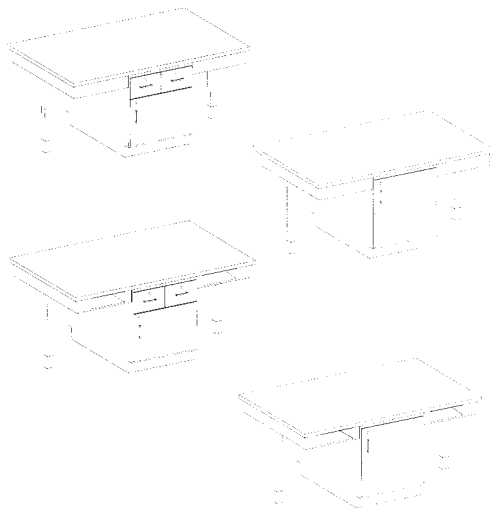
1 each Single-Faced Cabinet 24"W x 22"D x 29"H  
2 each Book Compartments 12"W x 13"D x 3"H  
2 each Drawers 11-1/2"W x 18"D x 5-1/2"H



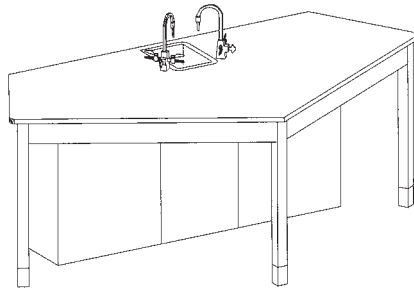
ITEM #	APRON	CABINET	TOP
2101K	Plain	Plain	1-1/4" Plastic Laminate
C2101K	Comp.	Plain	1-1/4" Plastic Laminate
2201K	Plain	Drawers	1-1/4" Plastic Laminate
C2201K	Comp.	Drawers	1-1/4" Plastic Laminate
2102K	Plain	Plain	1-1/4" ChemArmor
C2102K	Comp.	Plain	1-1/4" ChemArmor
2202K	Plain	Drawers	1-1/4" ChemArmor
C2202K	Comp.	Drawers	1-1/4" ChemArmor
2104K	Plain	Plain	1" Phenolic Resin
C2104K	Comp.	Plain	1" Phenolic Resin
2204K	Plain	Drawers	1" Phenolic Resin
C2204K	Comp.	Drawers	1" Phenolic Resin
2106K	Plain	Plain	1" Solid Epoxy Resin
C2106K	Comp.	Plain	1" Solid Epoxy Resin
2206K	Plain	Drawers	1" Solid Epoxy Resin
C2206K	Comp.	Drawers	1" Solid Epoxy Resin

**FOUR STATION CABINET TABLES**  
66"W x 42"D x 30"H

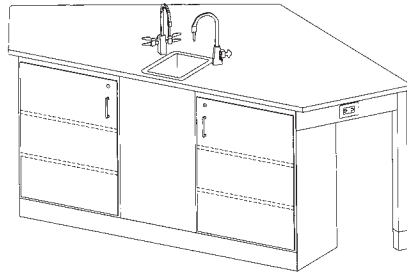
1 each Double-Faced Cabinet 24"W x 40"D x 29"H  
4 each Book Compartments 12"W x 13"D x 3"H  
4 each Drawers 11-1/2"W x 18"D x 5-1/2"H



ITEM #	APRON	CABINET	TOP
2301K	Plain	Plain	1-1/4" Plastic Laminate
C2301K	Comp.	Plain	1-1/4" Plastic Laminate
2401K	Plain	Drawers	1-1/4" Plastic Laminate
C2401K	Comp.	Drawers	1-1/4" Plastic Laminate
2302K	Plain	Plain	1-1/4" ChemArmor
C2302K	Comp.	Plain	1-1/4" ChemArmor
2402K	Plain	Drawers	1-1/4" ChemArmor
C2402K	Comp.	Drawers	1-1/4" ChemArmor
2304K	Plain	Plain	1" Phenolic Resin
C2304K	Comp.	Plain	1" Phenolic Resin
2404K	Plain	Drawers	1" Phenolic Resin
C2404K	Comp.	Drawers	1" Phenolic Resin
2306K	Plain	Plain	1" Solid Epoxy Resin
C2306K	Comp.	Plain	1" Solid Epoxy Resin
2406K	Plain	Drawers	1" Solid Epoxy Resin
C2406K	Comp.	Drawers	1" Solid Epoxy Resin



STUDENT SIDE



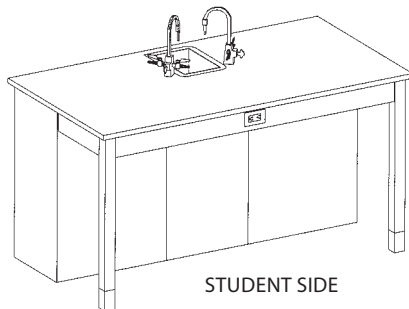
STORAGE SIDE

**LAB-VIEW 4 STUDENT WORKSTATION** - The unique layout of this workstation allows the instructor to see the students, fixtures and storage areas from the front of the classroom. While typical 4 student workstation have half of the students backs and storage areas out of view of the instructor, this unparalleled workstation allows optimum visibility. The students all work from the same side of the workstation, while the storage area is on the opposite side. This workstation is equipped with a 12" x 8" x 6" epoxy resin drop in sink, 2 multi-service fixtures with cold water gooseneck faucet and 2 gas cocks each and two GFI AC duplex electrical receptacle. The top is 1" black solid epoxy resin with a drip groove. The two 24"W x 16"D x 35"H storage cabinets are equipped with 2 adjustable shelves allowing for flexible storage. The mechanical area between the storage cabinets is accessed from the front through an 18" wide removable panel. 96"W x 48"D x 36"H.

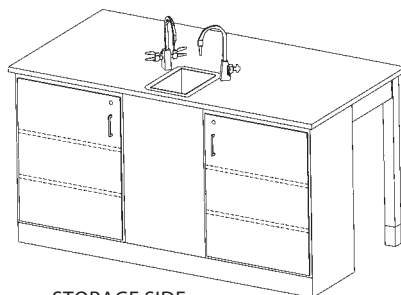
2946K Lab-View 4 Student Workstation

**LAB-VIEW 4 STUDENT WORKSTATION WITH FLAT TOP** - Same as above except that the water and gas assemblies are omitted.

2946KF Lab-View 4 Student Workstation with Flat Top



STUDENT SIDE



STORAGE SIDE

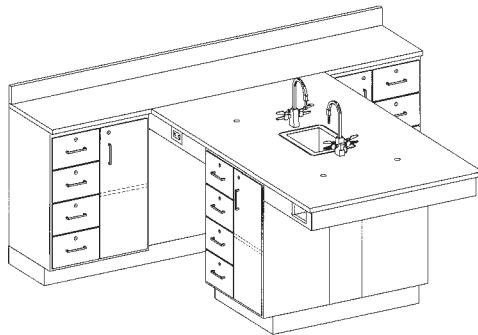
**LAB-VIEW 2 STUDENT WORKSTATION** - This unit has all the advantages of the Lab-View 4 student workstation but is designed for use by two students. This workstation is equipped with a 12" x 8" x 6" epoxy resin drop in sink, 2 multi-service fixtures with cold water gooseneck faucet and 2 gas cocks each and one GFI AC duplex electrical receptacle. The top is 1" black solid epoxy resin with a drip groove. The two 24"W x 16"D x 35"H storage cabinets are equipped with 2 adjustable shelves allowing for flexible storage. The mechanical area between the storage cabinets is accessed from the front through an 18" wide removable panel. 68"W x 36"D x 36"H.

2926K Lab-View 2 Student Workstation

**LAB-VIEW 2 STUDENT WORKSTATION WITH FLAT TOP** - Same as above except that the water and gas assemblies are omitted.

2926KF Lab-View 2 Student Workstation with Flat Top





**PERIMETER WORKSTATIONS** - Provide work space for up to four students while storing your valuable laboratory equipment in these versatile perimeter workstations. Choose from four different configurations (door, door and 1 drawer, door and 4 drawers or 4 drawers). The stations are designed to utilize space along walls where they can stand alone or be ganged together. Each unit includes: 1" solid epoxy resin top with a 4" curb, solid epoxy drop-in style sink with strainer, 2 multi-service fixtures with cold water and 2 gas cocks, 4 rod sockets, rod storage, and 2 GFI receptacles. 90"W x 36"H x 84"D.

- 2816K-16 Door Unit
- 2826K-26 Door/Drawer Unit
- 2836K-36 Door/4 Drawer Unit
- 2846K-46 4 Drawer Unit

**PERIMETER WORKSTATION WITH FLAT TOP** - Same as above except that the water and gas assemblies and the rod sockets are omitted.

- 2816KF-16 Door Unit with Flat Top
- 2826KF-26 Door/Drawer Unit with Flat Top
- 2836KF-36 Door/4 Drawer Unit with Flat Top
- 2846KF-46 4 Drawer Unit with Flat Top

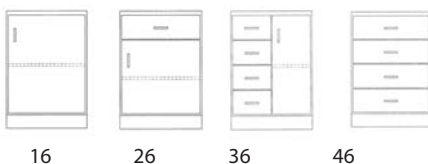
**WITH  
FIXTURES**

- 2816K-26
- 2816K-36
- 2816K-46
- 2826K-16
- 2826K-36
- 2826K-46
- 2836K-16
- 2836K-26
- 2836K-46
- 2846K-16
- 2846K-26
- 2846K-36

**FLAT  
TOP**

- 2816KF-26
- 2816KF-36
- 2816KF-46
- 2826KF-16
- 2826KF-36
- 2826KF-46
- 2836KF-16
- 2836KF-26
- 2836KF-46
- 2846KF-16
- 2846KF-26
- 2846KF-36

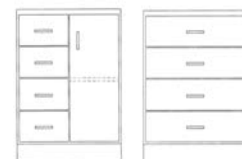
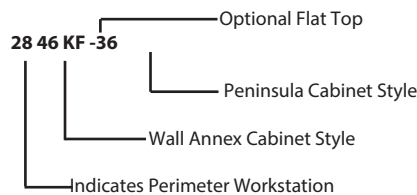
**MIX AND MATCH PERIMETER WORKSTATIONS** - Provide work space for up to four students while storing your valuable laboratory equipment in these versatile perimeter workstations. Choose one style cabinet for the wall annex and another for the peninsula base. The stations are designed to utilize space along walls where they can stand alone or be ganged together. Each unit includes: 1" solid epoxy resin top with a 4" curb, solid epoxy drop-in style sink with strainer, 2 multi-service fixtures with cold water and 2 gas cocks, 4 rod sockets, rod storage, and 2 GFI receptacles. 90"W x 36"H x 84"D.



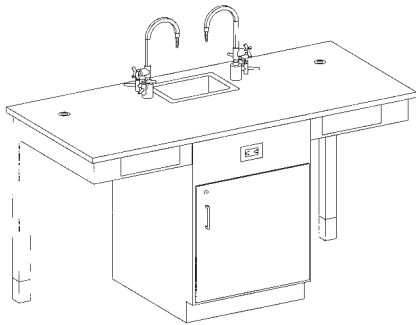
**CABINET STYLE OPTIONS**

All cabinets are 24"W. The wall annex is 18" Deep and the style is indicated by the number following the 28. The last two digits in the item number indicate the perimeter cabinet style.

**Mix and Match Perimeter Example**



36 46

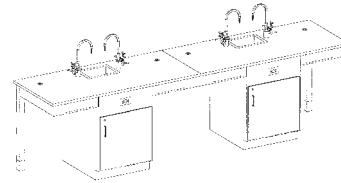


**2 STUDENT WORKSTATION** - Single faced tables that provide a fully equipped science center for two students. These single faced units contain a solid epoxy resin sink along with two multi-service fixtures. Every unit contains GFI AC duplex electrical receptacles, rod sockets and book compartments. The cabinet contains a cupboard with an adjustable shelf. 66"L x 30"W x 36"H.

C2716K 2 Student Workstation

**2 STUDENT WORKSTATION WITH FLAT TOP** - Same as above except that the sink, fixtures and the rod sockets are omitted.

C2716KF 2 Student Workstation with Flat Top

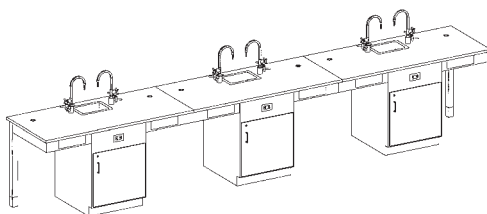


**4 STUDENT WORKSTATION** - Single faced tables that provide a fully equipped science center for four students. These single faced units contain two solid epoxy resin sinks along with four multi-service fixtures. Every unit contains GFI AC duplex electrical receptacles, rod sockets and book compartments. The two cabinets each contain a cupboard with an adjustable shelf. 11'L x 30"W x 36"H.

C2726K 4 Student Workstation

**4 STUDENT WORKSTATION WITH FLAT TOP** - Same as above except that the sink, fixtures and the rod sockets are omitted.

C2726KF 4 Student Workstation with Flat Top

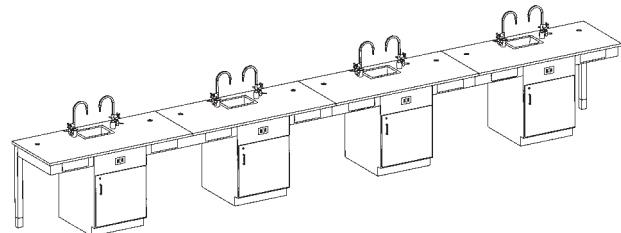


**6 STUDENT WORKSTATION** - Single faced tables that provide a fully equipped science center for six students. These single faced units contain three solid epoxy resin sinks along with six multi-service fixtures. Every unit contains GFI AC duplex electrical receptacles, rod sockets and book compartments. The three cabinets each contain a cupboard with an adjustable shelf. 16.5'L x 30"W x 36"H.

C2736K 6 Student Workstation

**6 STUDENT WORKSTATION WITH FLAT TOP** - Same as above except that the sink, fixtures and the rod sockets are omitted.

C2736KF 6 Student Workstation with Flat Top

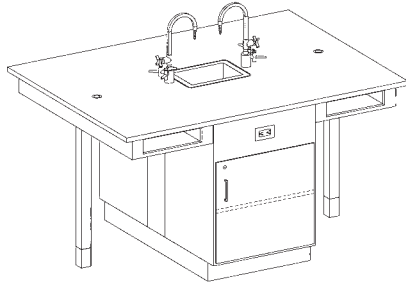


**8 STUDENT WORKSTATION** - Single faced tables that provide a fully equipped science center for eight students. These single faced units contain four solid epoxy resin sinks along with eight multi-service fixtures. Every unit contains GFI AC duplex electrical receptacles, rod sockets and book compartments. The four cabinets each contain a cupboard with an adjustable shelf. 22'L x 30"W x 36"H.

C2746K 8 Student Workstation

**6 STUDENT WORKSTATION WITH FLAT TOP** - Same as above except that the sink, fixtures and the rod sockets are omitted.

C2746KF 8 Student Workstation with Flat Top

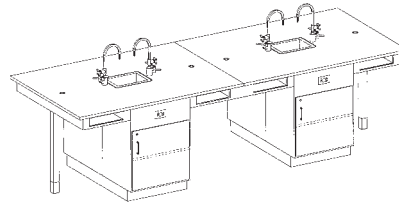


**4 STUDENT WORKSTATION** - Double faced tables that provide a fully equipped science center for four students. These double faced units contain a solid epoxy resin sink along with two multi-service fixtures. Every unit contains GFI AC duplex electrical receptacles, rod sockets and book compartments. The front and back of the cabinet each contain a cupboard with an adjustable shelf. 66"L x 48"W x 36"H.

C2616K 4 Student Workstation

**4 STUDENT WORKSTATION WITH FLAT TOP** - Same as above except that the sink, fixtures and the rod sockets are omitted.

C2616KF 4 Student Workstation with Flat Top

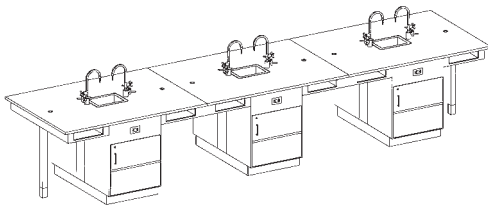


**8 STUDENT WORKSTATION** - Double faced tables that provide a fully equipped science center for eight students. These double faced units contain two solid epoxy resin sinks along with four multi-service fixtures. Every unit contains a GFI AC duplex electrical receptacles, rod sockets and book compartments. The front and back of the two cabinets each contain a cupboard with an adjustable shelf. 11'L x 48"W x 36"H.

C2626K 8 Student Workstation

**8 STUDENT WORKSTATION WITH FLAT TOP** - Same as above except that the sink, fixtures and the rod sockets are omitted.

C2626KF 8 Student Workstation with Flat Top

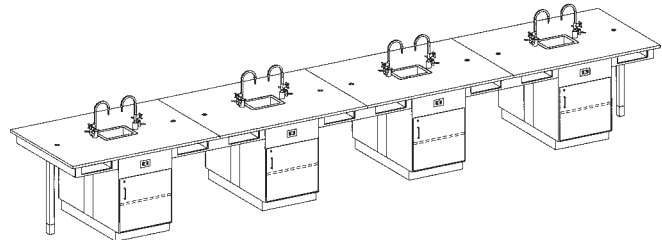


**12 STUDENT WORKSTATION** - Double faced tables that provide a fully equipped science center for 12 students. These double faced units contain three solid epoxy resin sinks along with six multi-service fixtures. Every unit contains GFI AC duplex electrical receptacles, rod sockets and book compartments. The front and back of the three cabinets each contain a cupboard with an adjustable shelf. 16.5'L x 48"W x 36"H.

C2636K 12 Student Workstation

**12 STUDENT WORKSTATION WITH FLAT TOP** - Same as above except that the sink, fixtures and the rod sockets are omitted.

C2636KF 12 Student Workstation with Flat Top

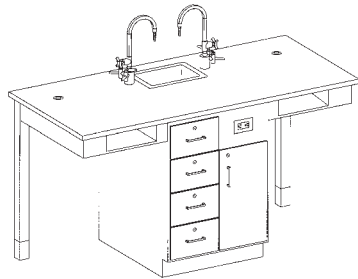


**16 STUDENT WORKSTATION** - Double faced tables that provide a fully equipped science center for 16 students. These double faced units contain four solid epoxy resin sinks along with eight multi-service fixtures. Every unit contains GFI AC duplex electrical receptacles, rod sockets and book compartments. The front and back of the four cabinets each contain a cupboard with an adjustable shelf. 22'L x 48"W x 36"H.

C2646K 16 Student Workstation

**16 STUDENT WORKSTATION WITH FLAT TOP** - Same as above except that the sink, fixtures and the rod sockets are omitted.

C2646KF 16 Student Workstation with Flat Top

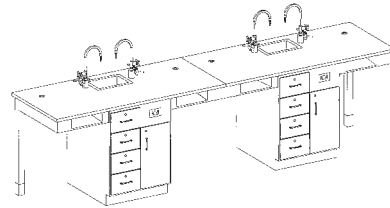


**2 STUDENT WORKSTATION** - Single faced tables that provide a fully equipped science center for two students. These single faced units contain a solid epoxy resin sink along with two multi-service fixtures. Every unit contains GFI AC duplex electrical receptacles, rod sockets and book compartments. The cabinet contains 4 drawers and a cupboard. 66"L x 30"W x 36"H.

C2516K 2 Student Workstation

**2 STUDENT WORKSTATION WITH FLAT TOP** - Same as above except that the sink, fixtures and the rod sockets are omitted.

C2516KF 2 Student Workstation with Flat Top

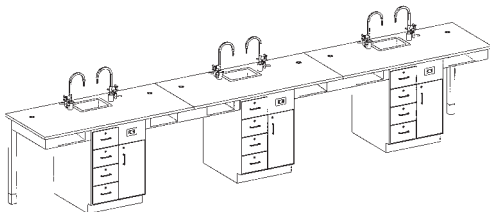


**4 STUDENT WORKSTATION** - Single faced tables that provide a fully equipped science center for four students. These single faced units contain two solid epoxy resin sinks along with four multi-service fixtures. Every unit contains GFI AC duplex electrical receptacles, rod sockets and book compartments. The two cabinets each contain 4 drawers and a cupboard. 11'L x 30"W x 36"H.

C2526K 4 Student Workstation

**4 STUDENT WORKSTATION WITH FLAT TOP** - Same as above except that the sink, fixtures and the rod sockets are omitted.

C2526KF 4 Student Workstation with Flat Top

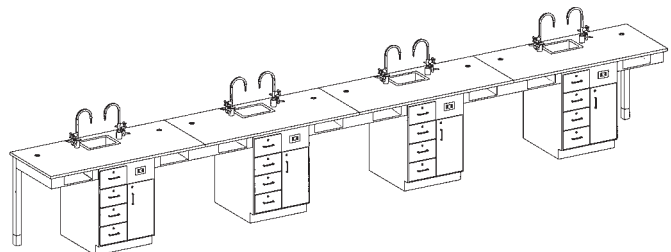


**6 STUDENT WORKSTATION** - Single faced tables that provide a fully equipped science center for six students. These single faced units contain three solid epoxy resin sinks along with six multi-service fixtures. Every unit contains GFI AC duplex electrical receptacles, rod sockets and book compartments. The three cabinets each contain 4 drawers and a cupboard. 16.5'L x 30"W x 36"H.

C2536K 6 Student Workstation

**6 STUDENT WORKSTATION WITH FLAT TOP** - Same as above except that the sink, fixtures and the rod sockets are omitted.

C2536KF 6 Student Workstation with Flat Top

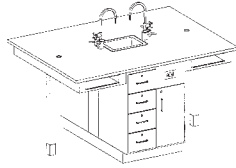


**8 STUDENT WORKSTATION** - Single faced tables that provide a fully equipped science center for eight students. These single faced units contain four solid epoxy resin sinks along with eight multi-service fixtures. Every unit contains GFI AC duplex electrical receptacles, rod sockets and book compartments. The four cabinets each contain 4 drawers and a cupboard. 22'L x 30"W x 36"H.

C2546K 8 Student Workstation

**6 STUDENT WORKSTATION WITH FLAT TOP** - Same as above except that the sink, fixtures and the rod sockets are omitted.

C2546KF 8 Student Workstation with Flat Top

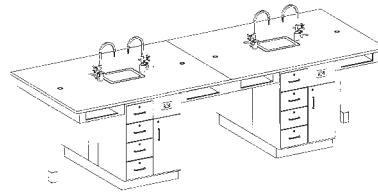


**4 STUDENT WORKSTATION** - Double faced tables that provide a fully equipped science center for four students. These double faced units contain a solid epoxy resin sink along with two multi-service fixtures. Every unit contains GFI AC duplex electrical receptacles, rod sockets and book compartments. The front and back of the cabinet each contain 4 drawers and a cupboard. Dimension: 66"L x 48"W x 36"H.

C2416K 4 Student Workstation

**4 STUDENT WORKSTATION WITH FLAT TOP** - Same as above except that the sink, fixtures and the rod sockets are omitted.

C2416KF 4 Student Workstation with Flat Top

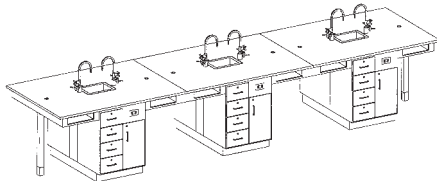


**8 STUDENT WORKSTATION** - Double faced tables that provide a fully equipped science center for eight students. These double faced units contain two solid epoxy resin sinks along with four multi-service fixtures. Every unit contains GFI AC duplex electrical receptacles, rod sockets and book compartments. The front and back of the two cabinets each contain 4 drawers and a cupboard. Dimension: 11'L x 48"W x 36"H.

C2426K 8 Student Workstation

**8 STUDENT WORKSTATION WITH FLAT TOP** - Same as above except that the sink, fixtures and the rod sockets are omitted.

C2426KF 8 Student Workstation with Flat Top

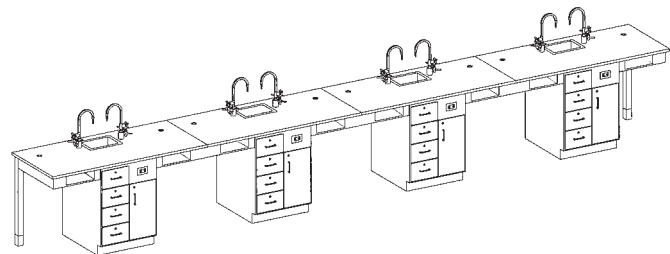


**12 STUDENT WORKSTATION** - Double faced tables that provide a fully equipped science center for 12 students. These double faced units contain three solid epoxy resin sinks along with six multi-service fixtures. Every unit contains GFI AC duplex electrical receptacles, rod sockets and book compartments. The front and back of the three cabinets each contain 4 drawers and a cupboard. Dimension: 16.5'L x 48"W x 36"H.

C2436K 12 Student Workstation

**12 STUDENT WORKSTATION WITH FLAT TOP** - Same as above except that the sink, fixtures and the rod sockets are omitted.

C2436KF 12 Student Workstation with Flat Top

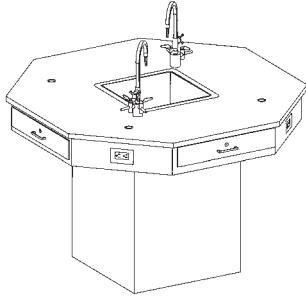


**16 STUDENT WORKSTATION** - Double faced tables that provide a fully equipped science center for 16 students. These double faced units contain four solid epoxy resin sinks along with eight multi-service fixtures. Every unit contains GFI AC duplex electrical receptacles, rod sockets and book compartments. The front and back of the four cabinets each contain 4 drawers and a cupboard. Dimension: 22'L x 48"W x 36"H.

C2446K 16 Student Workstation

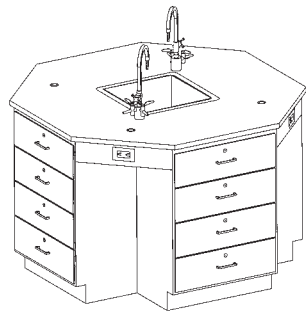
**16 STUDENT WORKSTATION WITH FLAT TOP** - Same as above except that the sink, fixtures and the rod sockets are omitted.

C2446KF 16 Student Workstation with Flat Top



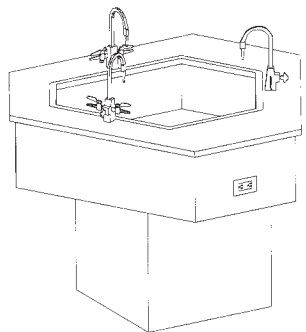
**OCTAGON WORKSTATIONS** - Both units provide ample space for 4 people and are available in 56" or 62" solid epoxy resin tops. The center pedestal with apron comes equipped with 4 drawers and 4 GFI protected AC duplex receptacles. Accessories include two multi-service fixtures, 4 rod sockets and a 16" x 16" x 7" solid epoxy sink with strainer, stopper and trap. The center pedestal has a removable panel to access utilities. The drawer cabinet unit features the same accessories as the pedestal unit. 16 larger drawers replace the 4 smaller drawers in the pedestal unit. The unit is designed to have one of the base cabinets removable to access the utilities. The top is 1" solid epoxy resin. Overall Dimensions: 56" units measure 56"W x 56"D x 36"H. 62" units measure 62"W x 62"D x 36"H

- 1516K 56" with Pedestal Base
- 1546K 56" with Drawer Base
- 1616K 62" with Pedestal Base
- 1646K 62" with Drawer Base



**OCTAGON WORKSTATIONS WITH FLAT TOP** - Same as above except that the sink, fixtures and the rod sockets are omitted.

- 1516KF 56" with Pedestal Base with Flat Top
- 1546KF 56" with Drawer Base with Flat Top
- 1616KF 62" with Pedestal Base with Flat Top
- 1646KF 62" with Drawer Base with Flat Top

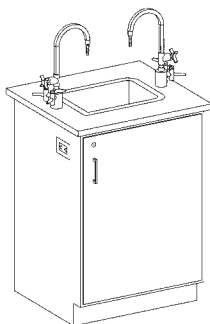


**TRIFACIAL WORKSTATION** - Hexagonal work station designed to be used with standard laboratory tables. Accommodates more students and provides efficient use of floor space. This unit features a molded epoxy resin top with a drop in hexagonal lipped sink. Apron and pedestal are constructed of solid hardwood, solid oak and oak veneers, with a clear environmentally friendly waterborne acrylic finish. Equipped with three multi-service fixtures containing one cold water faucet and two gas cocks and three GFI duplex receptacles. The center pedestal has a removable panel to access utilities. 49" x 56-1/2" x 36"H

- 1536K Trifacial Workstation

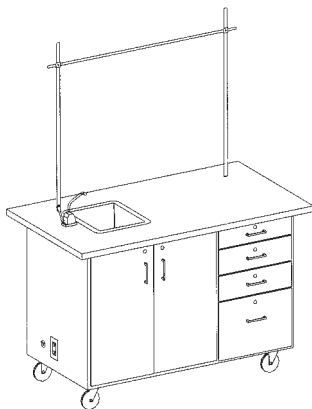
**TRIFACIAL WORKSTATIONS WITH FLAT TOP** - Same as above except that the sink, fixtures and the rod sockets are omitted.

- 1536KF Trifacial with Flat Top



**SERVICE ISLAND** - A compact service island constructed of solid hardwood, solid oak and oak veneers, with a clear environmentally friendly waterborne acrylic finish. This unit can be grouped with 2 station tables to provide an efficient and economical working arrangement. The unit includes one 14" x 10" x 6" solid epoxy resin sink, two multi-service fixtures, two GFI AC duplex electrical receptacles, chemical-resistant polypropylene trap, and locking cupboard. The top is 1" solid epoxy resin. 26"W x 24"D x 36"H.

- 3116K Service Island

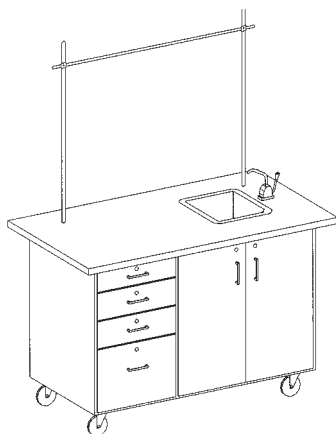


**MOBILE INSTRUCTOR'S DESK** - Unit contains one cupboard, four drawers and four ball bearing swivel casters, with brakes. Accessories include a stainless steel sink, hand water pump, 2 water bottles and connecting hose, 2 rod sockets, locks, upright set, removable wooden storage tote tray and a pegboard with hooks. Also included is the oak framed combination marker board-mirror which features a shatter-proof plastic mirror which can be reversed to serve as a handy marker board. Supplied 25' extension cord can be connected to a GFI protected AC duplex receptacle installed in the side of the cabinet. The top is black 1-1/4" ChemArmor laminate. 30"D x 54"W x 36"H

4342K Mobile Instructor's Desk

**MOBILE INSTRUCTOR'S DESK WITH FLAT TOP** - Same as the 4342K except that the water and waste assemblies and the rod sockets and upright set are omitted.

4342KF Mobile Instructor's Desk

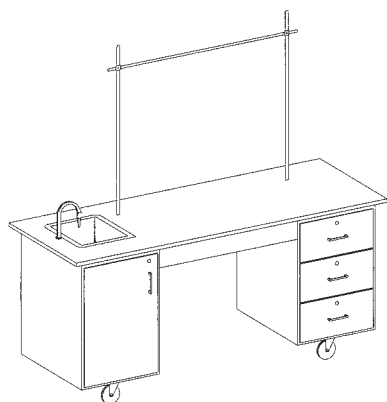


**MOBILE INSTRUCTOR'S DESK** - Mobile unit equipped with two cupboard compartments, one file drawer and two standard drawers. Pull out writing board is supplied to allow for additional work space. All drawers and doors have locks. This unit features a 1-1/4" ChemArmor top. Included as standard is the 21" x 28" pegboard and 50 assorted hooks for vertical storage, stainless steel sink, hand water pump, two water bottles with all connecting hoses, rod sockets and full upright set. One GFI AC duplex electrical receptacle allows for simple connection of the 25' extension cord that is supplied. Unit has four heavy-duty 4" swivel casters with brakes. 28"D x 48"W x 36"H

4332K Mobile Instructor's Desk

**MOBILE INSTRUCTOR'S DESK WITH FLAT TOP** - Same as the 4332K except that the water and waste assemblies and the rod sockets and upright set are omitted.

4332KF Mobile Instructor's Desk



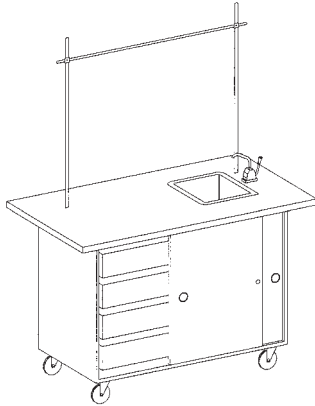
**ADA COMPATIBLE MOBILE LAB STATION** - This pre-assembled, self-contained unit is designed primarily as a work station for the physically impaired, and a work center for all classroom demonstrations. 1-1/4" thick ChemArmor top. Unit includes a stainless steel sink, electric water pump, supply and waste containers, GFI AC duplex receptacle with inlet socket, 25' extension cord, locks, rod sockets and full upright set. The unit rolls easily on 4" ball-bearing swivel casters with brakes. Constructed to be accessed with a wheelchair from two sides. May be used with mirror. Wheelchair access: 32"W x 29"H. Overall size: 72"L x 24"D x 33"H.

4352K ADA Mobile Lab Station

**ADA MOBILE LAB WITH FLAT TOP** - Same as the 4352K except that the water and waste assemblies and the rod sockets and upright set are omitted.

4352KF ADA Mobile Lab with Flat Top





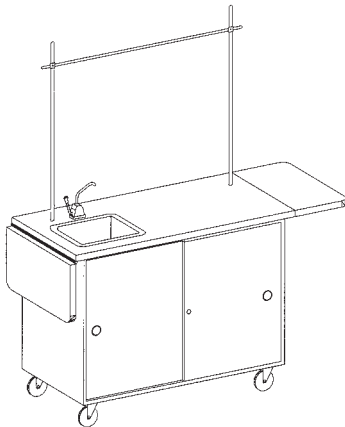
**MOBILE DEMONSTRATION TABLE WITH DRAWERS** - A self-contained demonstration center with its own water supply, waste container, stainless steel sink and hand pump, and full upright set. This unit includes four drawers for various lab supplies. Sliding doors with a lock conceal the four drawers and storage compartment for large equipment and the water bottles which are supplied. A GFI protected AC duplex electrical outlet is built into the lab.

Includes heavy-duty 4" ball-bearing swivel casters with brakes. The top is 1-1/4" thick ChemArmor high pressure laminate. Sink measures 15"W x 13"L x 5"D. Overall size: 48"W x 28"D x 36"H.

4222K Mobile Demonstration Table

**MOBILE DEMONSTRATION TABLE WITH FLAT TOP** - Same as the 4222K except that the water and waste assemblies and the rod sockets and upright set are omitted.

4222KF Mobile Demo Table with Flat Top

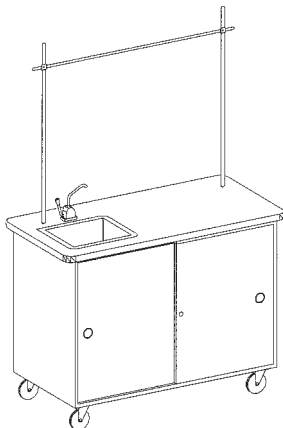


**MOBILE LABORATORY UNIT** - Features 1-1/4" thick Nevamar high-pressure laminated surface with drop leaf extensions. The cabinet features unbreakable aluminum sliding door glides and lock. The unit comes standard with a stainless steel sink, and hand pump. A GFI protected AC duplex electrical outlet is built into the lab. The cabinet rides on 4" heavy-duty ball-bearing casters, two of which swivel and have brakes. A 25 foot extension cord, two tote trays, two polyethylene 5-gallon water bottles, connecting hoses, full upright set, and a propane burner with stand are provided. Overall size: 48"W x 24"D x 36"H. Extended Top: 72"W x 24"D

4121K Mobile Science Laboratory Unit

**MOBILE LAB UNIT WITH FLAT TOP** - Same as the 4121K except that the water and waste assemblies and the rod sockets and upright set are omitted.

4121KF Mobile Lab Unit with Flat Top



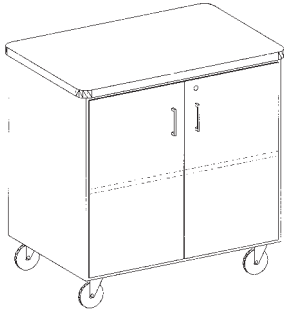
**MOBILE LAB TABLE** - This unit features unbreakable aluminum sliding door glides and lock. Edges of the 1-1/4" thick Nevamar high-pressure laminated top are bound with a plastic molding. The unit is equipped with a stainless steel sink, and hand pump, heavy-duty 4" ball-bearing casters of which two are swivel type with brakes, 25' grounded extension cord, two water bottles, connecting hoses, full upright set and two fully adjustable shelves. 48"W x 24"D x 36"H.

4111K Mobile Lab Table

**MOBILE LAB TABLE WITH FLAT TOP** - Same as the 4111K except that the water and waste assemblies and the rod sockets and upright set are omitted.

4111KF Mobile Lab Table with Flat Top

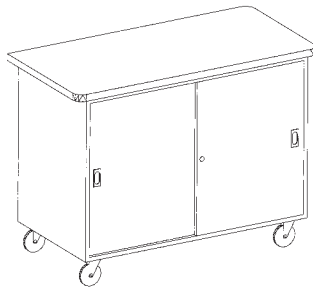




**MOBILE STORAGE CABINET** - A compact rolling storage cabinet that offers the versatility of serving as a storage area, a mobile demonstration table, or an extended work surface. The shelf is arranged to allow tall items to be placed in the unit as well as allowing use of the shelf. The unit comes equipped with four heavy-duty swivel casters with brakes. The unit is available with black 1-1/4" Plastic Laminate or 1-1/4" ChemArmor. 36"W x 24"D x 36"H.

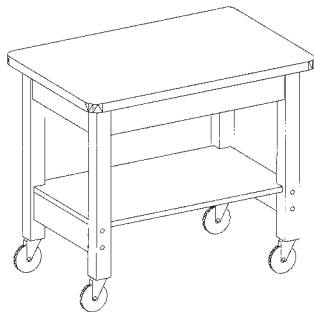
4401K Black Plastic Laminate Top

4402K Black ChemArmor Top



**BARE BONES MOBILE LAB TABLE** - The unit features unbreakable aluminum sliding door glides and lock and one fixed shelf. Edges of the 1-1/4" thick Nevamar high pressure laminated top are bound with a plastic molding. Unit sits on 4" heavy-duty ball-bearing swivel casters with brakes. 48"W x 24"D x 36"H.

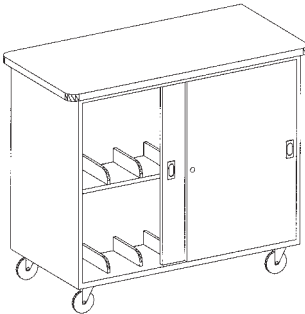
4101K Bare Bones Mobile Lab Table



**MOBILE DEMO CART** - The unit features solid oak construction. The legs are 2-1/4" square and are securely fastened to the apron with factory installed hanger bolts through the heavy-duty 13 gauge steel corner braces. The unit is further braced by means of the leg stretchers and auxiliary oak plywood shelf. The unit rolls easily on four factory installed 3" ball-bearing swivel casters with brakes. Choice of two tops. 36"W x 24"D x 30"H.

4501K Plastic Laminate top

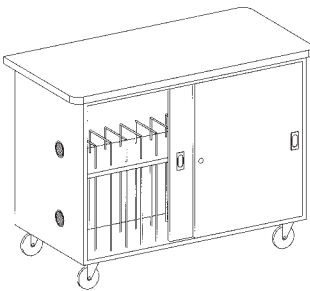
4502K ChemArmor top



**MOBILE MICROSCOPE STORAGE CABINET WITH HINGED DOORS -**

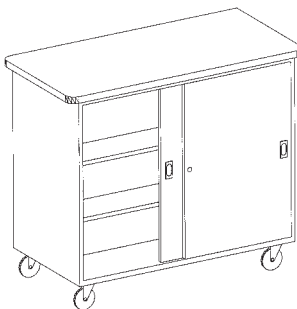
This unit provides a safe, convenient way to store your microscopes. It is constructed of solid hardwood, solid oak and oak veneers finished in a natural transparent finish. The unit contains removable partitions to provide an individual space for each microscope. The cabinet rolls on heavy-duty swivel casters with brakes. The top is 1-1/4" Black Nevamar Plastic Laminate that furnishes an auxiliary work surface. The cabinet has ample storage space for 24 standard classroom microscopes. Individual microscope space: 6" x 9"x 16". Overall size: 48"W x 24"D x 40"H.

4701K Mobile Microscope Storage Cabinet



**MOBILE LAPTOP STORAGE CABINET -** This unit provides a safe, efficient and mobile way to handle Lap-Top Computers. Sliding hardwood plywood doors front and back provide easy access to storage as well as the charging station. Multiple outlet plug strips in the back section allow easy plug in of up to 20 computers. The cord from the outlet strips can be fed through a hole in the floor of the unit so that the doors can be locked during charging. The unit is also equipped with intake vents on one end and a powered fan on the other to disperse heat. The unit is constructed of oak, oak plywood and hardwood plywood with a 1-1/4" black plastic laminate top to provide years of service. Each unit rolls on 4" heavy duty swivel casters with brakes. Overall size: 48"W x 24"D x 36"H.

5301K Laptop Storage Cabinet



**MOBILE BALANCE STORAGE CABINET -** This unit provides a safe and convenient way to store your various balances. It is constructed of solid oak and oak veneered plywood with a clear environmentally friendly waterborne acrylic finish. Featured are locking doors, both front and back with unbreakable aluminum glides. Supplied with four adjustable shelves to allow you to configure storage arrangements to maximize available space. The cabinet rolls on heavy-duty swivel casters, with brakes. The top is Black 1-1/4" Plastic Laminate that furnishes an auxiliary work surface. Overall size: 48"W x 24"D x 40"H.

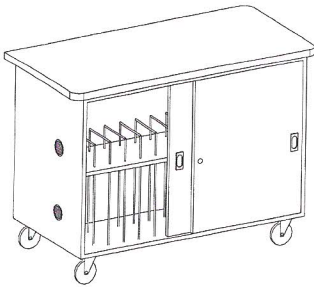
5201K Mobile Balance Storage Cabinet



### MOBILE MICROSCOPE STORAGE CABINET WITH HINGED DOORS

- This unit provides a safe, convenient way to store your microscopes. It is constructed of solid hardwood, solid oak and oak veneers finished in a natural transparent finish. The unit contains removable partitions to provide an individual space for each microscope. The cabinet rolls on heavy-duty swivel casters with brakes. The top is 1-1/4" Black Nevamar Plastic Laminate that furnishes an auxiliary work surface. The cabinet has ample storage space for 24 standard classroom microscopes. Individual microscope space: 6" x 9" x 16". Overall size: 48"W x 24"D x 40"H.

4701K Mobile Microscope Storage Cabinet



**MOBILE LAPTOP STORAGE CABINET** - This unit provides a safe, efficient and mobile way to handle Lap-Top Computers. Sliding hardwood plywood doors front and back provide easy access to storage as well as the charging station. Multiple outlet plug strips in the back section allow easy plug in of up to 20 computers. The cord from the outlet strips can be fed through a hole in the floor of the unit so that the doors can be locked during charging. The unit is also equipped with intake vents on one end and a powered fan on the other to disperse heat. The unit is constructed of oak, oak plywood and hardwood plywood with a 1-1/4" black plastic laminate top to provide years of service. Each unit rolls on 4" heavy duty swivel casters with brakes. Overall size: 48"W x 24"D x 36"H.

5301K Laptop Storage Cabinet

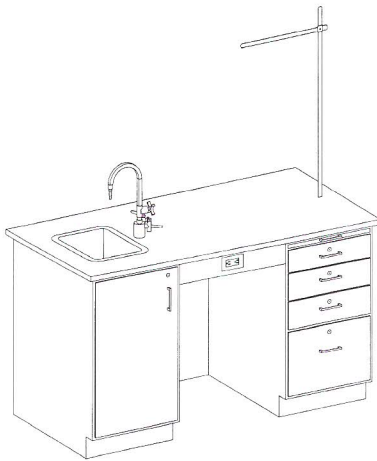


**MOBILE BALANCE STORAGE CABINET** - This unit provides a safe and convenient way to store your various balances. It is constructed of solid oak and oak veneered plywood with a clear environmentally friendly waterborne acrylic finish. Featured are locking doors, both front and back with unbreakable aluminum glides. Supplied with four adjustable shelves to allow you to configure storage arrangements to maximize available space. The cabinet rolls on heavy-duty swivel casters, with brakes. The top is Black 1-1/4" Plastic Laminate that furnishes an auxiliary work surface. Overall size: 48"W x 24"D x 40"H.

5201K Mobile Balance Storage Cabinet



# Instructor's Demonstration Units



INSTRUCTOR'S DESK - Sink cabinet and drawer cabinet. 1" black epoxy resin top unless specified otherwise. Includes one each: multi-service fixture, GFI protected AC duplex receptacle, polypropylene trap, pull shelf, file drawer hanging frame and support rod with crossbar.

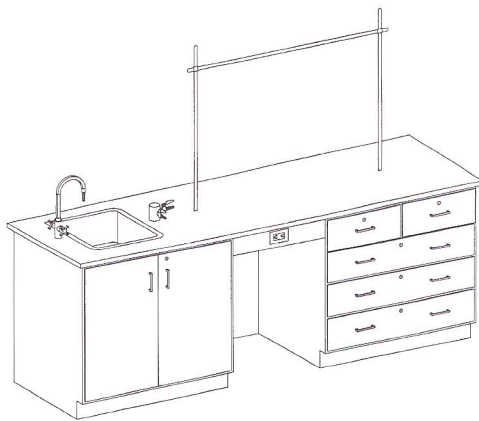
Overall Size: 60"L x 30"D x 36"H.

1216KL 5' Instructor's Desk Sink on left

1216KR 5' Instructor's Desk Sink on right

5' INSTRUCTOR'S DESK WITH FLAT TOP - Same as the 1216 except that the sink, water and gas assemblies, rod sockets and upright set are omitted.

1216KF 5' Desk with Flat Top



8' INSTRUCTOR'S DESK - Sink cabinet and drawer cabinet. 1" black epoxy resin top unless specified otherwise. Equipment includes: one each mixing faucet, double gas cock, GFI protected AC duplex receptacle, polypropylene trap, and a set of support rods and crossbar.

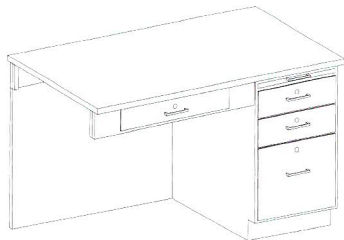
Overall Size: 96"L x 30"D x 36"H

1116KL 8' Instructor's Desk Sink on left

1116KR 8' Instructor's Desk Sink on right

8' INSTRUCTOR'S DESK WITH FLAT TOP - Same as the 1116 except that the sink, water and gas assemblies, rod sockets and upright set are omitted.

1116KF 8' Desk with Flat Top



SIDE DESK FOR 5' AND 8' INSTRUCTOR'S DESK - Attaches to the Instructor's Desk providing a functional work surface and storage area for teachers while sitting. The unit includes a pencil drawer, file drawer with frame, two smaller drawers and a pull-out shelf. The classroom side of the unit features a bookshelf with one fixed shelf. The top is 1" black epoxy resin top. Overall size is 48"W X 30"D X 30"H.

1146K Side Desk



**JUMBO STACKING CABINETS** - Jumbo stacking Cabinets for convenient storage. Save valuable laboratory space. All cabinets are constructed of 1" thick multi-ply, exterior-grade plywood. Finished with easily identified chemical-resistant epoxy paint. Organize both your flammable and corrosive liquids in a space no larger than a standard cabinet. Individual cabinets may be placed under your work surface with 32-1/4" clearance. Designed to be a stand alone unit or stacked up to two units high. All cabinets meet applicable OSHA and NFPA standards. All cabinets have a liquid-tight, 2" trough to contain accidental spills. All cabinets include suitable locking mechanism and keys. All units measure 30"W x 32-1/2"H x 18-1/2"D. The acid, corrosive and base cabinets have a fixed position shelf. The flammables cabinet has a fully adjustable shelf. A separate, entirely polypropylene, slide-in isolation compartment is available as an accessory to semi-isolate Nitric acid or Nitric acid spills from all other products stored in the acid cabinet.

Item #	Description	Capacity	Color
100806	Flammables	18 x 1 Gallon	Yellow
100807	Acid	24 x 2.5 Liter	Blue
100808	Corrosive	24 x 2.5 Liter	Blue
100809	Base	24 x 2.5 Liter	Blue
100810	Isolation Acid Compartment		

**ACID/FLAMMABLES CABINETS** - The "Combo" cabinet utilizes the safety features of both the acid and flammables cabinets. Our combination cabinet is actually two separate cabinets in one. The flammable side has a continuous metal hinge, metal locking assembly, an adjustable shelf, a 10" flammable label for easy identification and a cabinet floor constructed as a 2" liquid-tight trough to contain spillage. The acid side has a wooden hinge assembly, polypropylene hasp assembly, the choice of either a partially or fully lined polypropylene interior, a fixed position shelf, a 10" corrosive label for easy identification and a cabinet floor constructed as a 2" liquid-tight trough to contain spillage. The combination cabinet is finished with light gray chemical resistant paint. Flammables cabinet side available with self-closing door on request.



Item #	Description	Exterior Dimensions	Corrosive	Flammable
100811	Partially Lined	35"W x 35-1/2"H x 22"D	18 x 2.5 L	12 x 1 Gal
100812	Partially Lined	47"W x 35-1/2"H x 22"D	24 x 2.5 L	16 x 1 Gal
100813	Fully Lined	35"W x 35-1/2"H x 22"D	18 x 2.5 L	12 x 1 Gal
100814	Fully Lined	47"W x 35-1/2"H x 22"D	24 x 2.5 L	16 x 1 Gal

### Isolation Compartment

13-5/16"W x 13-5/16"H x 15-1/4"D optional isolation compartment holds 5 x 2.5 Liter.

100810 Isolation Compartment





### **BENCH FLAMMABLES CABINET -**

Constructed of 1" multi-ply exterior grade plywood. The 21-1/4"H x 15-3/4"D x 16-3/4"W size is convenient for storage of small quantities on the laboratory bench. The cabinet floor is constructed as a 2" liquid tight trough. Includes one adjustable shelf. Holds 4 gallons. Color: Yellow.

100782 Flammable Cabinet.



### **BENCH ACID CABINET -**

All wood construction insures the cabinet will not rust or corrode. Constructed of 1" multi-ply exterior grade plywood. The 21-1/4"H x 15-3/4"D x 16-3/4"W size is convenient for storage of corrosive chemicals on the laboratory bench. Painted with multiple coats of epoxy paint. Cabinet floor constructed as a 2" liquid tight trough for containment of spills. Capacity: 5 x 2.5 liter. Color: Blue.

100783 Acid Cabinet



**ACID CABINETS -** Wooden acid cabinets are safer and more durable than metal cabinets. Acid attacks all metal cabinets. No metal is used anywhere in the interior construction of our acid cabinets. They are constructed of 1" thick, high-density 9-ply exterior grade plywood. Even the door hinge is a wooden dowel. It is finished with multiple coats of blue epoxy paint. All cabinets have a liquid tight, 2" trough to contain accidental spills. Any and all fasteners used are plastic, even the few screws used are nylon. Unit has a wooden door handle. The word "ACID" is printed on cabinet in 6" red letters. Four leveling feet are included. Exterior dimensions: 31"W x 36-1/2"H x 20"D. Bottle Capacity: 30 x 2.5 liter.

**ACID CABINET -** Wood; interior fully lined with polypropylene (floor, interior walls, interior top and top tray)

100784 Acid Cabinet

**ACID CABINET -** Wood; interior partially lined with polypropylene (floor, shelf and top tray)

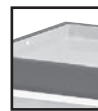
100785 Acid Cabinet

**ISOLATION COMPARTMENT -** Fits into top half of either acid cabinets listed above.

100810 Isolation Compartment



*A separate, entirely polypropylene, slide-in isolation compartment is available as an accessory to semi-isolate Nitric acid or Nitric acid spills from all other products stored in the acid cabinet. We urge the purchase of this accessory to avoid reaction between products, particularly between Nitric and Acetic acid. 13-1/2"H x 13-1/2"W x 15-1/4"D.*



*Top recessed to include a liquid-tight polypropylene tray. Tray will hold 11 liters of spilled liquid. Use this top tray as a dispensing area.*



*Cabinet floor constructed as a 2" liquid tight trough to contain spillage.*

## Stak-a-Cab™ Safety Storage Cabinets

Choose from a number of specialized stackable cabinets for your storage needs. All cabinets are constructed of 1" thick 9-ply plywood and finished with clear epoxy paint. Organize all your laboratory chemicals in a space no larger than a standard flammables cabinet. Customize a chemical storage center for your own special storage needs. All cabinets constructed to meet and exceed all applicable NFPA and OSHA standards. Individual cabinets are designed for stacking or as a stand-alone unit for the laboratory bench. Cabinets are supplied with suitable locking mechanisms. Cabinets are easily identified by cabinet color and 10" hazard label.

CABINET COMBINATION SHOWN IS: 100788 CORROSIVE CABINET, 100792 COMBINATION CABINET, 100790 FLAMMABLES CABINET AND 100798 FLOOR STAND.



### Stak-A-Cab All units 47"W x 18"H x 18"D

Item #	Type	Capacity	Color
100787	Acid	22 x 2.5 Liter	Blue
100788	Corrosive	22 x 2.5 Liter	Blue
100789	Base	22 x 2.5 Liter	Blue
100790	Flammables	16 x 1 Gallon	Yellow
100791	Oxidizer	16 x 1 Gallon	Gray
100792	Combination Acid/Flammables	Flammables: 8 x 1 Gallon Corrosive: 10 x 2.5 Liter	Gray
100793	Combination Acid/Base	Acid: 10 x 2.5 Liter, Base: 10 x 2.5 Liter	Gray
100794	Poison	16 x 1 Gallon	Gray
100795	Hazardous Waste	16 x 1 Gallon	Gray
100810	Isolation Compartment	5 x 2.5 Liter	

### Stak-A-Cab Stands All units 46-1/2"W x 4"H x 17-1/2"D

Item #	Description	Capacity	Color
100797	Floor Stand for Acid Cabinet	N/A	Blue
100798	Floor Stand for Flammables Cabinet	N/A	Yellow
100799	Floor Stand for Acid/Flammables Cabinet or Floor Stand for Poison Cabinet	N/A	Gray

### Mini Stak-A-Cab All units 31"W x 17"H x 14-1/2"D

Item #	Type	Capacity	Color
100800	Flammables	8 x 1 Gallon	Yellow
100801	Combination Acid/Flammables Flammable: 4 x 1 Gallon	Acid: 4 x 2.5 Liter	Gray
100802	Corrosives	8 x 2.5 Liter	Blue

### Mini Stak-A-Cab Stands All units 30-1/2"W x 4"H x 14"D

Item #	Description	Capacity	Color
100803	Floor Stand for Flammables Cabinet	N/A	Yellow
100804	Floor stand for Acid/Flammables or Poison Cabinet	N/A	Gray
100805	Floor Stand for Corrosive Cabinet	N/A	Blue

**NOTE:** Before purchasing any chemical storage cabinet, familiarize yourself with all local and state codes from the appropriate agencies having jurisdiction in your area.



## ACID AND FLAMMABLE SAFETY STORAGE FOR UNDER THE FUME HOOD

- Corrosive materials will destroy painted metal, coated metal, particleboard and even stainless steel. These metals will oxidize when exposed to acid fumes over time. Our all wooden construction guarantees that our cabinet will not deteriorate, rust or corrode. These cabinets are made to fit under the existing fume hoods or as stand alone units. There are no metal components, therefore no rust and no corrosion. They are constructed of 1" thick plywood and have a unique all wooden hinge. The wooden hinge eliminates deterioration common in other acid cabinets. An isolated storage compartment is available as an option. The cabinet floor is constructed as a 2" liquid-tight trough to contain spillage.

### ACID CABINETS

- Fixed position shelf accommodating both 2.5 liter and 4 liter bottles.
- Polypropylene hasp for security.
- Unique wooden hinge assembly.
- Finished with a blue paint for immediate identification as an acid/corrosives cabinet.
- Two interior styles available:  
*Partially lined.* Polypropylene on the shelf and floor.  
*Fully lined.* Polypropylene on all interior walls, shelf, floor and top.

### FLAMMABLES CABINETS

- Built to meet and exceed all FNPA, OSHA and UFC standards.
- Continuous metal hinge.
- Metal locking assembly.
- Adjustable shelf with metal shelf brackets.
- Bright yellow finish for immediate recognition by safety personnel.
- Available with self-closing door(s) upon request.

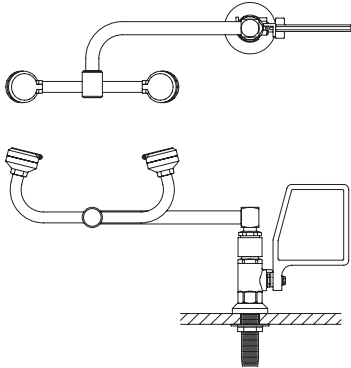
Item #	Description	Capacity	Exterior Dimensions
100436	Acid Cabinet, Partially Lined	28 x 2.5 Liter	29"W x 35-1/2"H x 22"D
100437	Acid Cabinet, Partially Lined	34 x 2.5 Liter	35"W x 35-1/2"H x 22"D
100438	Acid Cabinet, Partially Lined	48 x 2.5 Liter	47"W x 35-1/2"H x 22"D
100439	Acid Cabinet, Fully Lined	28 x 2.5 Liter	29"W x 35-1/2"H x 22"D
100440	Acid Cabinet, Fully Lined	34 x 2.5 Liter	35"W x 35-1/2"H x 22"D
100441	Acid Cabinet, Fully Lined	48 x 2.5 Liter	47"W x 35-1/2"H x 22"D
100442	Flammables Cabinet	18 x 1 Gallon	29"W x 35-1/2"H x 22"D
100443	Flammables Cabinet	24 x 1 Gallon	35"W x 35-1/2"H x 22"D
400444	Flammables Cabinet	32 x 1 Gallon	47"W x 35-1/2"H x 22"D

**NOTE:** Before purchasing any chemical storage cabinet, familiarize yourself with all local and state codes from the appropriate agencies having jurisdiction in your area.

### SAFETY - 4A

Product is subject to change without notice.

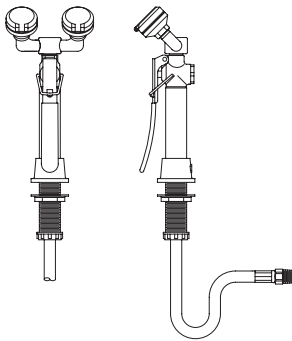




**Eye Wash** - Deck mounted eye wash with two gentle spray outlet heads, stay-open ball valve and 90° swivel feature.

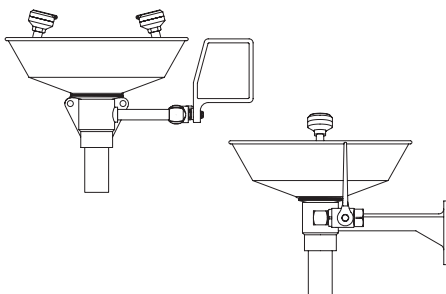
100758 Right Hand Mounting

100759 Left Hand Mounting



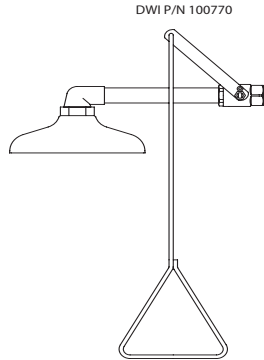
**Eye Wash/Drench Hose** - Deck mounted dual purpose eye wash/drench hose unit with two gentle spray outlet heads angled at 45° and squeeze valve with locking clip.

100761 Eye Wash/Drench Hose



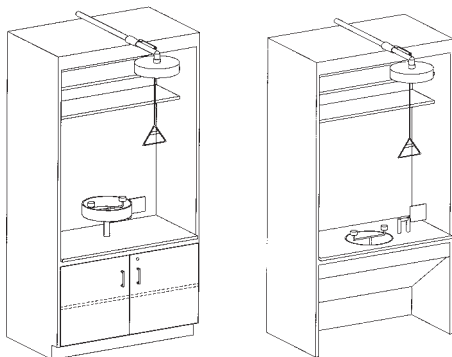
**Eye Wash** - Wall mounted eye wash with two gentle spray outlet heads, ABS plastic bowl and stay-open ball valve.

100615 Wall Mounted Eye Wash



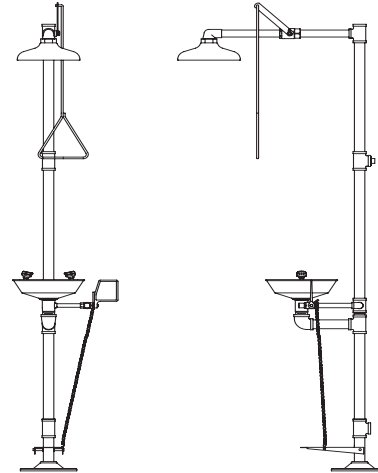
**Emergency Shower** - Horizontally and vertically mounted emergency shower with stay-open ball valve and pull rod.

- 100614 Vertically Mounted
- 100770 Horizontally Mounted



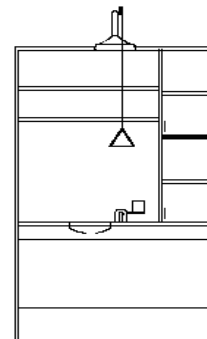
**Shower/Eye Wash Station** - Emergency drench shower head of high impact ABS plastic with a stay open chrome-plated brass valve. Eyewash unit comes with a 10" diameter stainless steel bowl and lever action ball valve. Upper storage space is supplied with 2 adjustable shelves. Lower storage is supplied on the standard model, while space for a wheelchair is provided on the ADA model. Service piping not supplied. Dimensions: 36"W x 22"D x 84"H.

- 6900K Shower/Eye Wash Station
- 6900K-ADA Shower/Eye Wash Station-ADA



**Safety Station** - This floor mount safety station has a stay-open shower valve and eye wash with stainless steel bowl and tray open ball valve. Each gentle shower outlet head has removable delrin spray cover, reticulated polyurethane filter, self-regulating flow control and float-off dust cover.

- 100760 Safety Station



**Safety station** - Shower head has a high volume continuous water flow. Pulling the conveniently located pull handle activates the stay open valve. The eyewash is mounted over a stainless steel bowl but can be detached and pulled up to 12' away from the station for washing eyes or other small areas. The eyewash paddle handle activates the stay open valve. Versatile storage (both open and locking) is provided. Unit is ADA compliant. Fire Extinguisher not included. 48"W x 22"D x 84"H.

- 6950K Safety Station



**Goggle Cabinet** - Three ultraviolet sterilization cabinets. The ultraviolet light used in our sterilization cabinets is deadly to all types of microorganisms including bacteria, viruses and mold spores. In order for the ultraviolet light to destroy these microorganisms most effectively, the rays must strike them directly.

**Model 100815** - Constructed of top quality sheet metal and reflective surfaces inside to ensure complete sterilization of microorganisms, preventing the spread of viruses, bacteria and molds. Holds 40 goggles. Color: Beige. Dimensions 32"H x 24.5"W x 9.25"D

100815 Goggle Cabinet

**Model 100786** - Can accommodate hard hats as well as eyewear. It incorporates specially designed aluminum reflective surfaces for increased ultraviolet light coverage, which ensures complete sterilization of the contents. Holds 40 goggles or 20 headsets. Color: Avocado. Dimensions: 30"H x 30"W x 12"D

100786 Goggle Cabinet

**Model 100796** - Provides an economical solution to ongoing eyeglass and goggle sterilization and storage needs. This sterilization cabinet is made from durable 24 gauge steel with easy access and safety locks. Optional interior reflectors are available upon request. Holds 30 goggles. Color: White. Dimensions: 28"H x 24.5"W x 9.25"D

100796 Goggle Cabinet



**Vinyl Goggles -**

Economy meets comfort to provide protection from chemical splashes (Indirect Vent) or from larger particles when chipping, cutting or grinding (Direct Vent). Fits over most prescription glasses. Meets ANSI Z87.1-1989 standard. Fog-free lens made of acetate.

100169 Indirect Vent  
100172 Direct Vent



**Bench Top Spill Kits -**

Neutralize, absorb and solidify small acid and base spills with these compact easy to use kits. Acid kit contains: 4 oz Dry Acid Neutralizer, six 4" x 6" Chemical Collection Pads and a scoop with detachable scraper. The Base Kit contains: 4 oz Dry Base Neutralizer, six 4" x 6" Chemical Collection Pads and a scoop with detachable scraper.

100175 Acid Kit  
100176 Base Kit



**Fire Blanket -**

Flame retardant, wool blanket smothers flames fast. 62" x 80" blanket meets Federal Flame Retardant Standard CS191-53. Fluorescent red vinyl pouch helps locate blanket quickly. Built-in carrying handle with heavy-duty grommets for hanging on wall.

100173 Fire Blanket



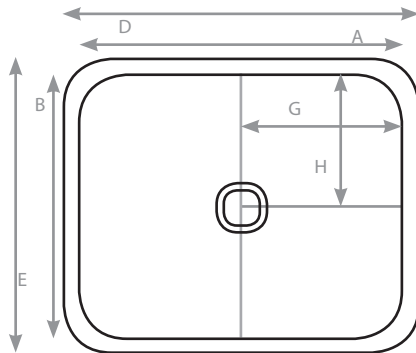
**First Aid Kit -** Meet

ANSI Z308.1-1998 standards. Kit will administer first aid to 50 people. Does not include ingestible.

100174 First Aid Kit



**Lipped Sinks** - Lipped sinks provide a streamlined look with the easiest, most cost-efficient installation. The weight-bearing lipped perimeter is set into a rabbeted opening in the work surface, thus eliminating the need for mechanical supports underneath the sink. Americans with Disabilities Act (ADA) compliant lipped sink available. This sink offers the same performance and easy installation of the standard lipped sinks; however, the exterior edges of the tub have been rounded to ensure the user's safety and comfort. In addition, the plumbing outlets on our ADA-compliant sink are located in the rear corner to assure easy access.



**Sink Stopper** - Sink stopper is made of DURCON-RF and is placed into the sink outlet opening to prevent water exit.

100112 Sink Stopper



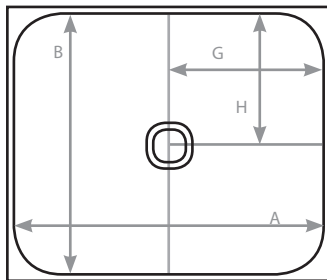
**Sink Outlet SO-3R** - Sink outlets are made of DURCON-R resin and are inserted into the counter bore opening in the bottom of each DURCON sink.

100055 Sink Outlet

Sink	Product #	A	B	Depth	D	E	G	H	Wt./Lbs.	ADA
100691	L3	12"	8"	6"	14.25"	10.25"	6"	4"	15	No
100692	L5C	14"	10"	6"	16.25"	12.25"	7"	5"	23	No
100693	L-ADA5	14"	10"	5"	16.25"	12.25"	3.5"	3.5"	23	Yes
100694	L10	16"	8"	7"	18.25"	10.25"	3.5"	4"	2	No
100695	L10C	16"	8"	7"	18.25"	10.25"	8"	4"	24	No
100696	L15C	16"	12"	8"	18.25"	14.25"	8"	6"	35	No
100697	L20	16"	16"	7.5"	18.25"	18.25"	4.25"	4.25"	38	No
100698	L25	18"	15"	8"	20.25"	17.25"	3.5"	3.5"	42	No
100699	L30	18"	15"	11"	20.25"	17.25"	3.5"	3.5"	45	No
100700	L50C	24"	16"	8"	26.25"	18.25"	12"	8"	59	No
100701	L55	25"	15"	10"	27.25"	17.25"	3.5"	3.5"	60	No
100702	L22C	18"	6.5"	6"	20.25"	8.75"	9"	3.25"	22	No



**Rectangular Sinks** - Solid epoxy sinks available in a variety of sizes. Each sink has an outlet with a 2-7/16" opening. The opening can be located on either the center, corner or end depending upon the sink chosen. The corners of the sink have an 1-1/2" radius.



**Double Compartment Sinks** - Multi-compartment sinks are available in end-to-end or side-by-side construction. Customers should specify which sides of the sinks should be joined.

**Cylindrical Sink** - Inside diameter: 12", outside diameter 13", depth 7.5", weight 19 lbs. The 3-15/32" outlet is centered.

100539  
Cylindrical Sink

**Hexagonal Lipped Sink** - Intended for placement in the hexagonal work surface. Sink drains in center.

100833  
Hexagonal Sink

Sink	Product #	A	B	Depth	G	H	Thickness	Outlet Location
100816	3	12"	8"	6"	6"	4"	3/8"	Center
100817	5	14"	10"	6"	3.5"	5"	1/2"	End
100052	5C	14"	10"	6"	7"	5"	1/2"	Center
100053	10	16"	8"	7"	3.5"	4"	1/2"	End
100818	10C	16"	8"	7"	8"	4"	1/2"	Center
100819	15	16"	12"	8"	3.5"	6"	1/2"	End
100820	15C	16"	12"	8"	8"	8"	1/2"	Center
100821	16	15.75"	13.75"	7.875"	7.875"	6.875"	1/2"	Center
100593	20	16"	16"	7.5"	4.25"	4.25"	1/2"	Corner
100549	22	18"	6.5"	6"	9"	3.25"	1/2"	Center
100822	24	18"	14"	10.5"	9"	7"	1/2"	Center
100540	25	18"	15"	8"	3.5"	3.5"	1/2"	Corner
100054	30	18"	15"	11"	3.5"	3.5"	1/2"	Corner
100823	35	21"	18"	10"	4.5"	9"	1/2"	End
100824	40	21.5"	15.5"	7"	4"	4"	1/2"	Corner
100825	45	21.5"	15.5"	11"	4"	4"	1/2"	Corner
100826	50	24"	16"	8"	4"	8"	1/2"	End
100827	50C	24"	16"	8"	12"	8"	1/2"	Center
100828	52	24"	18"	10.75"	4"	9"	1/2"	End
100829	55	25"	15"	10"	3.5"	3/5"	1/2"	Corner
100830	60	28"	20"	8.75"	14"	6"	1/2"	Side



**End Sinks/Wall Sinks** - These sinks are molded with an integral splash designed for use as an end or wall sink. All sinks are stocked with a solid back splash. Trough cut-outs are available upon request, and manufactured per customer drawings. The outlet location is on the side on both units. Both units have top outside dimensions of 23-1/4"L x 14-15/16"W and bottom outside dimensions of 22-3/8"L x 14-1/2"W.

Sink	Depth	Backsplash Height
100831	17"	3-3/4"
100832	18-3/4"	5-1/2"



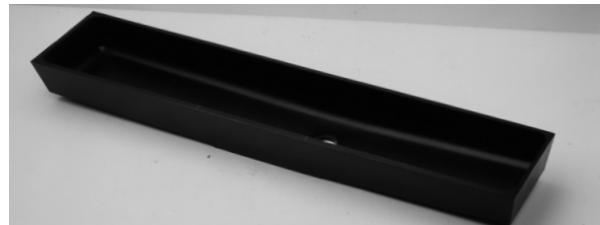
**Stainless Steel Drip Troughs** - Fabricated from #304 stainless steel with No. 4 finish, with integral outlet for connection to a drain hose (not included). Drip troughs are not provided unless specifically requested.

100749	24" Drip Trough
100750	30" Drip Trough
100751	36" Drip Trough
100752	48" Drip Trough

**Overflows** - Overflows are made of DURCON-R resin and are used to prevent water from overflowing the sink.

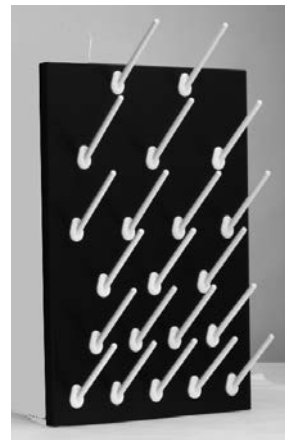


Item #	Liquid Height
100737	4"
100736	6"
100735	8"
100734	10"
100733	Strainer Cap



**Trough Sink** - Designed specifically for use with the octagonal work surface. Trough is 51" long and drains near the center.

100739 Trough Sink



**Pegboards** - Epoxy resin pegboards furnished with 5" long black polypropylene pegs with glassware protector bases located on 4" centers. Black pegs will be supplied. White pegs illustrated for clarity.

Item #	H x W	No. of Pegs
100741	24" x 18"	18
100742	24" x 24"	23
100743	24" x 36"	38
100744	30" x 24"	39
100745	30" x 30"	46
100746	30" x 36"	53
100747	36" x 36"	60
100748	30" x 48"	74

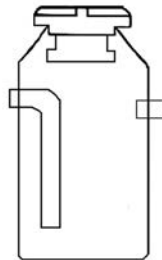
**Stainless Steel Sinks - 18 Gauge.** All sinks thoroughly self deadened.



Item #	Bowl Type	Depth	Bowl Size	Sink Size	Strainer
100216	Single	7-1/2"	14" x 16"	17" x 18"	100043
100217	Single	7-1/2"	16" x 16"	19" x 19"	100043
100233	Single	7-1/2"	16" x 22"	19" x 25"	100043
100234	Single	7-1/2"	16" x 28"	19" x 31"	100043
100238	Single	10-1/2"	14" x 16"	17" x 18"	100043
100239	Single	10-1/2"	16" x 16"	19" x 19"	100043
100252	Single	10-1/2"	16" x 22"	19" x 25"	100043
100256	Single	10-1/2"	16" x 28"	19" x 31"	100043
100009	Single	4"	9" Diameter		100011
100010	Single	5"	11" x 13.25"		100011
100042	Single	9-3/4"	10" x 14"		100043
100235	Double	7-1/2"	14" x 16"	19" x 33"	2) - 100043
100236	Double	7-1/2"	16" x 16"	19" x 37"	2) - 100043
100237	Double	7-1/2"	16" x 22"	19" x 49"	2) - 100043
100279	Double	10-1/2"	14" x 16"	19" x 33"	2) - 100043
100280	Double	10-1/2"	16" x 16"	19" x 37"	2) - 100043
100281	Double	10-1/2"	16" x 22"	19" x 49"	2) - 100043

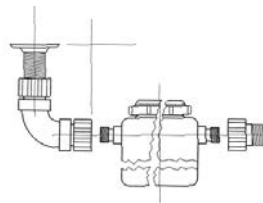
100043 4-1/2" Drain/Strainer

100011 Jr. DUO Strainer



**Dilution Tank** - Unit designed for easy access to clean and recharge. May also be used as plaster or sedimentation recovery unit. Red screw cap signals unit as part of acid waste system and allows for easy cleaning. 6 Gallon capacity

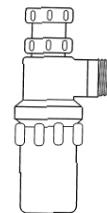
100185 Dilution Tank



**Installation Kit for Undercounter Dilution Tank -**

100186 Installation Kit

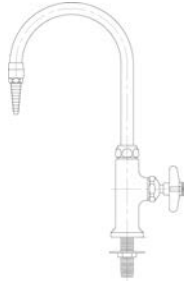
100187 Neutralization Chips



**Adjustable Riser Bottle Trap-** Special antisiphon action and additional bowl capacity.

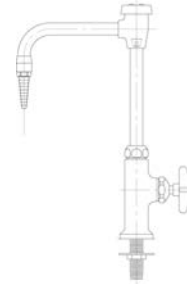
100188 Adjustable Riser Bottle Trap

# Chrome-Plated Single Faucets Standard & Vandal Resistant



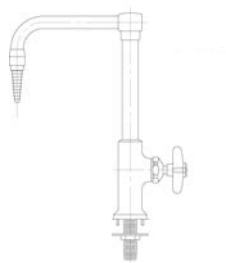
**DECK MOUNTED SINGLE FAUCET -**  
6" rigid/swing gooseneck. Available with cold and hot water buttons.

100051 Cold Water  
100061 Hot Water



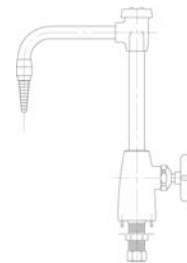
**DECK MOUNTED SINGLE FAUCET -**  
6" rigid/swing vacuum breaker gooseneck. Available with cold and hot water buttons.

100674 Cold Water  
100192 Hot Water



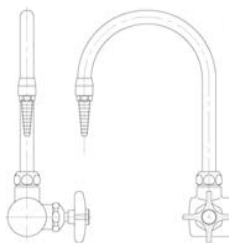
**DECK MOUNTED SINGLE FAUCET -**  
Vandal resistant. 6" rigid gooseneck. Available with cold and hot water buttons.

100282 Cold Water  
100284 Hot Water



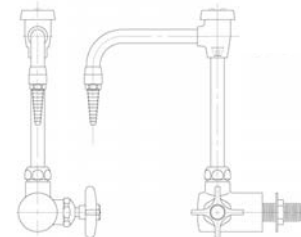
**DECK MOUNTED SINGLE FAUCET -** Vandal resistant.  
6" rigid vacuum breaker gooseneck. Available with cold and hot water buttons.

100285 Cold Water  
100310 Hot Water



**PANEL MOUNTED SINGLE FAUCET -** 6" rigid/  
swing gooseneck. Available with cold and hot water buttons.

100303 Cold Water  
100193 Hot Water

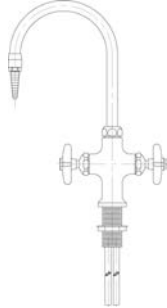


**PANEL MOUNTED SINGLE FAUCET -** 6" rigid/swing  
vacuum breaker gooseneck. Available with cold and hot water buttons.

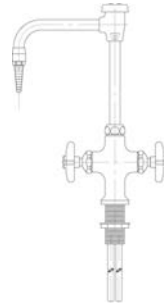
100304 Cold Water  
100215 Hot Water



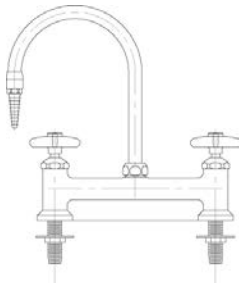
# Chrome-Plated Mixing Faucets Standard & Vandal Resistant



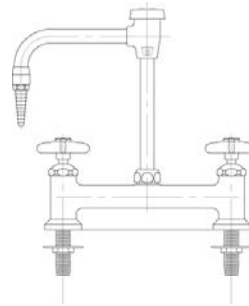
**DECK MOUNTED MIXING FAUCET - 6" rigid/swing gooseneck.**  
100467 Mixing



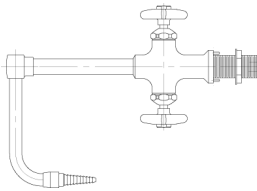
**DECK MOUNTED MIXING FAUCET - 6" rigid/swing vacuum breaker gooseneck.**  
100468 Mixing



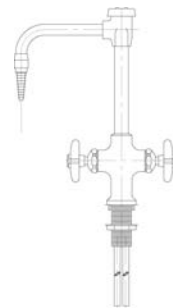
**DECK MOUNTED MIXING FAUCET - 6" rigid/swing gooseneck.**  
100301 Mixing



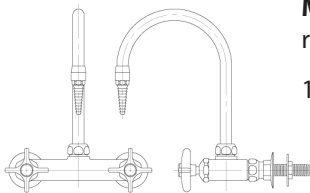
**DECK MOUNTED MIXING FAUCET - 6" rigid/swing vacuum breaker gooseneck.**  
100302 Mixing



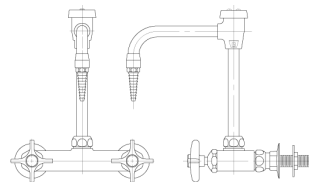
**DECK MOUNTED MIXING FAUCET - Vandal resistant. 6" rigid gooseneck.**  
100311 Mixing



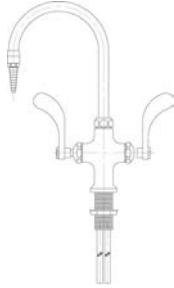
**DECK MOUNTED MIXING FAUCET - 6" rigid/vandal-resistant vacuum breaker gooseneck.**  
100312 Mixing



**PANEL MOUNTED MIXING FAUCET - 6" rigid/swing gooseneck.**  
100305 Mixing



**PANEL MOUNTED MIXING FAUCET - 6" rigid/swing vacuum breaker gooseneck.**  
100306 Mixing

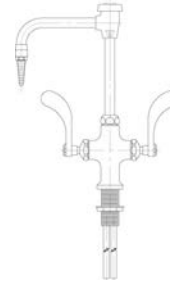


**ADA MIXING FAUCET -**

100705 ADA Mixing Faucet

**ADA MIXING FAUCET - Vandal resistant**

100316 Vandal Resistant ADA Mixing Faucet

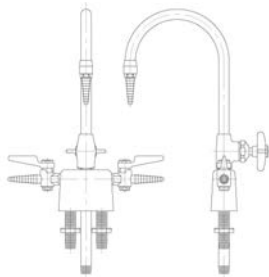


**ADA MIXING FAUCET - With vacuum breaker.**

100706 ADA Mixing Faucet

**ADA MIXING FAUCET - Vandal resistant with vacuum breaker.**

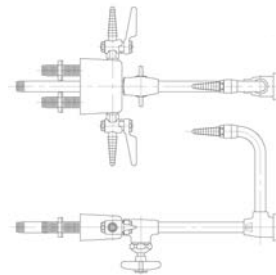
100317 Vandal Resistant ADA Mixing Faucet



**DECK MOUNTED TRIPLE SERVICE**

**FIXTURE - For cold water and gas, air or vacuum.**

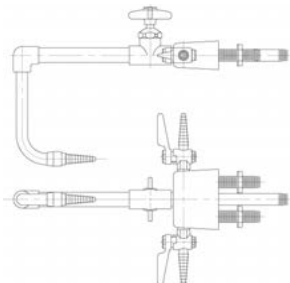
100470 Triple Service Fixture



**DECK MOUNTED TRIPLE SERVICE**

**FIXTURE - For cold water and gas, air or vacuum with vacuum breaker.**

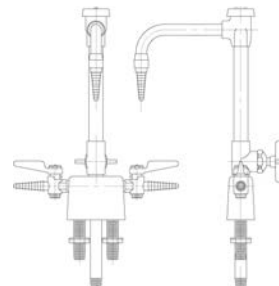
100464 Triple Service Fixture



**DECK MOUNTED TRIPLE SERVICE**

**FIXTURE - Vandal resistant. For cold water and gas, air or vacuum.**

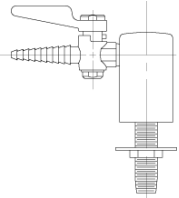
100314 Vandal Resistant Triple Service Fixture



**DECK MOUNTED TRIPLE SERVICE**

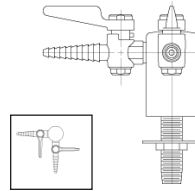
**FIXTURE - Vandal resistant. For cold water and gas, air or vacuum with vacuum breaker.**

100315 Vandal Resistant Triple Service Fixture



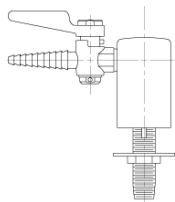
**DECK MOUNTED TURRET BASE** - With single ground key cock valve with integral straight serrated hose end.

100047 Single Gas



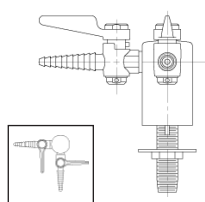
**DECK MOUNTED TURRET BASE** - With double ground key cock valve (90°) with integral straight serrated hose end.

100048 Double Gas



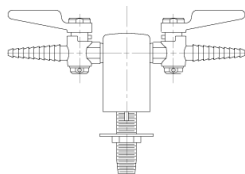
**DECK MOUNTED TURRET BASE** - Vandal resistant. With single ground key cock valve with integral straight serrated hose end.

100318 Single Gas



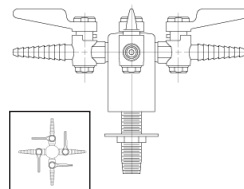
**DECK MOUNTED TURRET BASE** - Vandal resistant. With double ground key cock valve (90°) with integral straight serrated hose end.

100319 Double Gas



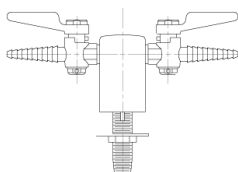
**DECK MOUNTED TURRET BASE** - With double ground key cock valve (180°) with integral straight serrated hose end.

100049 Double Gas



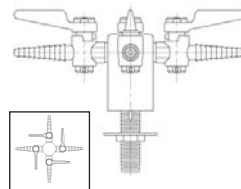
**DECK MOUNTED TURRET BASE** - With quad ground key cock valve (360°) with integral straight serrated hose end.

100466 Quad Gas



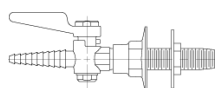
**DECK MOUNTED TURRET BASE** - Vandal resistant. With double ground key cock valve (180°) with integral straight serrated hose end.

100320 Double Gas



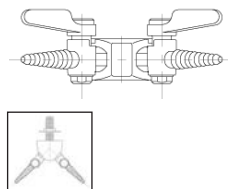
**DECK MOUNTED TURRET BASE** - Vandal resistant. With quad ground key cock valve (360°) with integral straight serrated hose end.

100321 Quad Gas



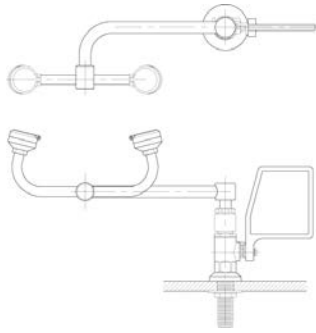
**PANEL MOUNTED TURRET BASE** - With single ground key cock valve with integral straight serrated hose end.

100300 Single Gas



**PANEL MOUNTED TURRET BASE** - With double ground key cock valve (90°) with integral straight serrated hose end.

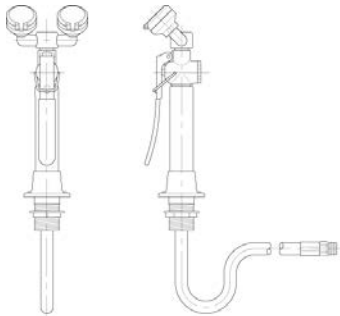
100050 Double Gas



**EYE WASH** - Deck mounted eye wash with two gentle spray outlet heads, stay-open ball valve and 90° swivel feature.

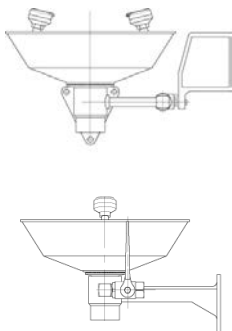
100758 Right Hand Mounting

100759 Left Hand Mounting



**Eye Wash/Drench Hose** - Deck mounted dual purpose eye wash/drench hose unit with two gentle spray outlet heads angled at 45° and squeeze valve with locking clip.

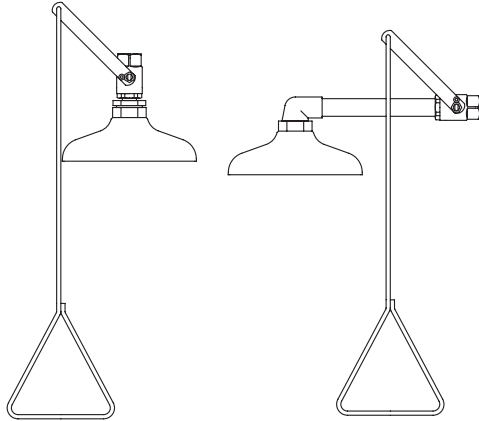
100761 Eye Wash/Drench Hose



**EYE WASH** - Wall mounted eye wash with two gentle spray outlet heads, ABS plastic bowl and stay-open ball valve.

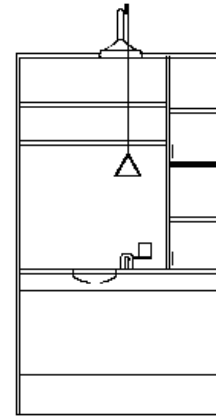
100615 Wall Mounted Eye Wash

# Chrome-Plated Eyewash/Shower Units



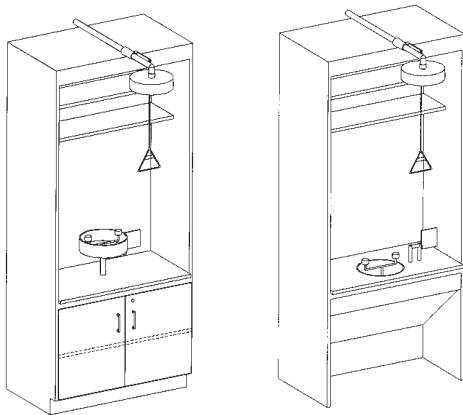
**EMERGENCY SHOWER** - Horizontally and vertically mounted emergency shower with stay-open ball valve and pull rod.

- 100614 Vertically Mounted
- 100770 Horizontally Mounted



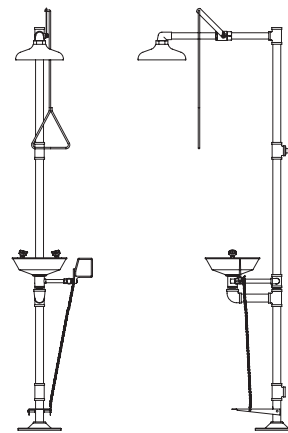
**SAFETY STATION** - Shower head has a high volume continuous water flow. Pulling the conveniently located pull handle activates the stay open valve. The eyewash is mounted over a stainless steel bowl but can be detached and pulled up to 12' away from the station for washing eyes or other small areas. The eyewash paddle handle activates the stay open valve. Versatile storage (both open and locking) is provided. Unit is ADA compliant. 48"W x 22"D x 84"H.

- 6950K Safety Station



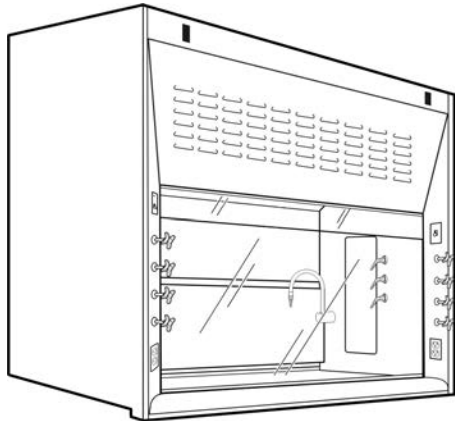
**SHOWER/EYE WASH STATION** - Emergency drench shower head of high impact ABS plastic with a stay open chrome-plated brass valve. Eyewash unit comes with a 10" diameter stainless steel bowl and lever action ball valve. Upper storage space is supplied with 2 adjustable shelves. Lower storage is supplied on the standard model, while space for a wheelchair is provided on the ADA model. Service piping not supplied. Dimensions: 36"W x 22"D x 84"H.

- 6900K Shower/Eye Wash Station
- 6900K-ADA Shower/Eye Wash Station-ADA



**SAFETY STATION** - This floor mount safety station has a stay-open shower valve and eye wash with stainless steel bowl and tray open ball valve. Each gentle head spray outlet head has removable delrin spray cover, reticulated polyurethane filter, self-regulating flow control and float-off dust cover.

- 100760 Safety Station



**AIR FOIL FUME HOOD** - The Air Foil conventional bypass hood frames the sash opening in angled fascia to minimize air turbulence.

*Air Management:* Constant exhaust volume, drawing air efficiently through the sash when open or through the bypass opening when sash is closed.

*Superstructure:* Outer wall is chemically resistant powder coated sheet steel. Interior lining is a phenolic sheet material unless otherwise specified. Double wall construction offers a 5" chase area, making it easy to install plumbing and electrical fixtures within walls.

*Airfoil:* Front opening is framed with a 45° angle fascia that substantially reduces the turbulence of air entering the hood. The bottom horizontal airfoil directs a current of air at countertop level to purge heavy fumes or spillage.

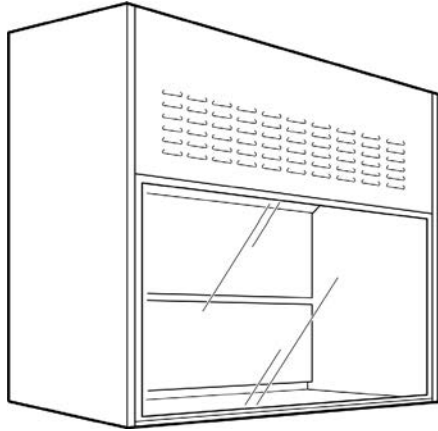
#### STANDARD FEATURES

- Fluorescent light fixture (bulbs Included) accessed from outside the air chamber
- Black Powder Coated airfoil
- Black Powder Coated sash
- Louvered front panel
- VAV style hoods have

#### OPTIONS

- Liner options
- Sash options
- Epoxy tops
- Plumbing
- Electrical
- Blowers
- Other options
- Hoods come pre-punched for plumbing and electrical services

Item Number	Size	CFM at 100 LFM	S.P. at Hood	Duct Size Standard	Duct Size Optional
100323	48" Hood	770	.33"	9"	8" X 12"
100324	72" Hood	1250	.34"	10"	8" X 20"
100325	96" Hood	1750	.40"	(2) 9" DUCTS	(2) 8" X 12"



**THIN WALL FUME HOOD** - The Thin Wall conventional bypass hood offers superior economy while maximizing use of lab space.

*Air Management:* Constant volume through open sash or through bypass opening when sash is closed. Flush interior permits smooth airflow.

*Superstructure:* Outer wall is chemical resistant powder coated sheet steel. Interior lining is a phenolic sheet material unless otherwise specified. This design allows greatest access to work area in the smallest space.

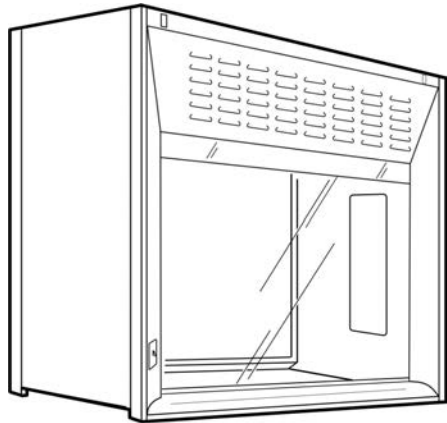
**STANDARD FEATURES**

- Fluorescent light fixture (bulbs included) accessed from outside the air chamber
- Louvered front panel
- VAV style hoods have no bypass.

**OPTIONS**

- Liner options
- Sash options
- Epoxy tops
- Blowers
- Other options

Item Number	Size	CFM at 100 LFM	S.P. at Hood	Duct Size Standard	Duct Size Optional
100326	48" Hood	916	.40"	9"	8" X 12"
100327	72" Hood	1395	.37"	10"	8" X 20"



**DOUBLE SIDED FUME HOOD** - The Double Sided Air Foil conventional bypass hood safely exhausts fumes while allowing access and observation from both sides. Ideal for teacher/student interaction; freestanding and vented pass-through.

*Air Management:* Constant exhaust volume, drawing air efficiency through either or both open sashes or through the bypass opening when sash is closed.

*Superstructure:* Outer wall is chemically resistant powder coated sheet steel. Interior lining is a phenolic sheet material unless otherwise specified. Double sidewall construction offers a 5" chase area, making it easy to install plumbing and electrical fixtures within walls.

*Airfoil:* Front and back openings are framed with 45° angle fascia that substantially reduces the turbulence of air entering the hood. The bottom horizontal airfoil directs a current of air at counter-top level to purge heavy fumes or spillage.

**STANDARD FEATURES**

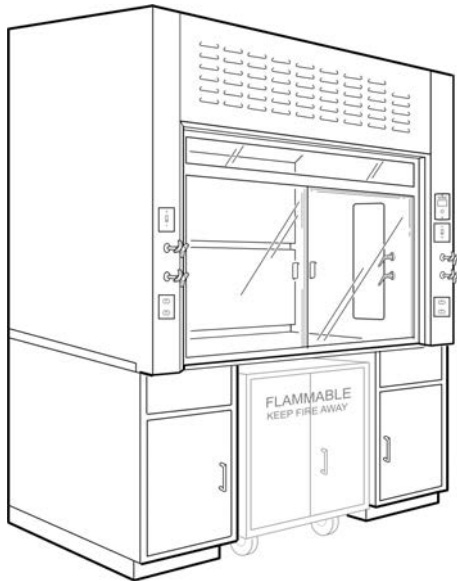
- Fluorescent light fixture (bulb included) accessed from outside the air chamber
- Black Powder Coated airfoils
- Black Powder Coated sash (On metal sash only)
- Louvered front panel
- VAV style hoods have no bypass.

**OPTIONS**

- Sash Inter-Lock
- Liner options
- Sash options
- Plumbing
- Electrical
- Blowers
- Other options

Item Number	Size	CFM at 100 LFM	S.P. at Hood	Duct Size Standard	Duct Size Optional
100328	48" Hood	770	.33"	9"	8" X 12"
100329	72" Hood	1250	.34"	10"	8" X 20"





**BARRIER-FREE FUME HOOD** - The Barrier-Free Air Foil conventional bypass hood is specially designed for the safety and comfort of disabled operators.

*Special Safety Features:* Built to the same high functionality and safety standards of all the fume hoods, the Barrier-Free fume hood line is constructed to accommodate a seated operator as well as allowing comfortable standing operation. All service controls and instructions are within easy reach and sight while seated and the standard sash is counter weighted for effortless control. The work top, in addition to the standard marine edge, has a black powder coated trough to provide secondary protection from spillage.

*Air Management:* Constant exhaust volume, drawing air efficiently through the open sash or through the bypass chamber when sash is closed.

*Superstructure:* Outer wall is chemically resistant powder coated sheet steel. Interior lining is a phenolic sheet material unless otherwise specified. Double wall construction offers a 5" chase area, making it easy to install plumbing and electrical fixtures within walls.

*Airfoil:* Front opening is framed with 45° angle fascia that substantially reduces the turbulence of air entering the hood. The bottom horizontal airfoil directs a current of air at counter-top level to purge heavy fumes or spillage.

#### STANDARD FEATURES

- Fluorescent light fixture (bulb included) accessed from outside the air chamber
- Black Powder Coated airfoils
- Black Powder Coated sash (On metal sash only)
- Louvered front panel
- VAV style hoods have no bypass.

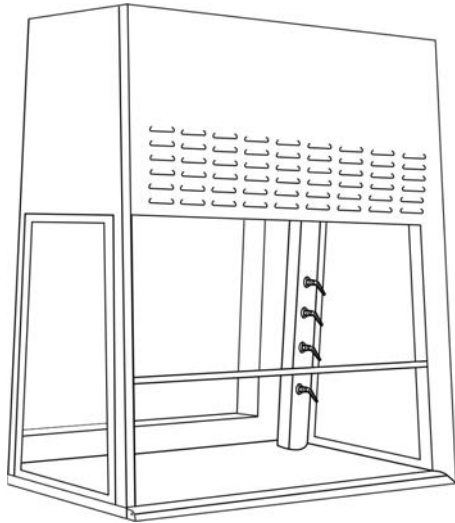
#### OPTIONS

- Sash Inter-Lock
- Liner options
- Sash options
- Plumbing
- Electrical
- Blowers
- Other options

Item Number	Size	CFM at 100 LFM	S.P. at Hood	CFM at Half-Open	S.P. at Hood	Depth
100330	72" Hood	1250	.34"	750	.21"	31-1/4"
100331	72" Hood	1250	.34"	750	.21"	39-1/4"

Duct Size Standard: 12" Diameter  
Duct Size Optional: 8" X 24"

# Student Work Station Fume Hood



**STUDENT WORK STATION FUME HOOD** - The Student Station offers a safe, highly visible working environment.

*Air Management:* Constant exhaust volume, drawing air efficiently through the sash when open or through the bypass opening when specified.

*Superstructure:* Outer wall is chemical resistant painted sheet steel. Interior lining is a high density phenolic resin sheet material unless otherwise specified. Full frame construction provides strength and stability to the entire fume hood construction.

*Fume Hood Sash:* Full view type with clear, unobstructed, side-to-side view of hood interior and service fixture connections. Sash is constructed of 18 gauge type material welded into a rigid frame with removable glass retainers. Provides integral formed, flush pull the full width of the bottom rail. Safety glass is set into extruded polyvinyl chloride glazing channels.

*Sash Counterbalance:* Dual weight, pulley cable, counterbalance system which prevents sash tilting and permits one finger operation at any point along full width pull. Design insures smooth and quiet operation. Design system to hold sash at any position without creep and to prevent sash drop in the event of cable failure.

## STANDARD FEATURES

- Two-tube, rapid start, UL listed fluorescent light fixture with sound rated ballast installed on exterior of roof. Provide safety glass panel cemented and sealed to the hood roof.
- Full view laminated safety glass.
- End view panel
- Hoods are to meet or exceed the specifications set by ASHRAE 110-1995 and SAMA standard LF-10.
- Sash cables: steel, coated, 1/8" diameter

- Sash cable pulley assembly is 2" diameter, ball bearing type, with cable retaining device.
- Containment trough
- Bypass

## OPTIONS

- Liner options
- Epoxy tops
- Plumbing
- Metal understructures
- Sash stops
- Other options

Item Number	Size	CFM at 100 LFM	S.P. at Hood	Duct Size Optional	Duct Size Standard
100332	48" Hood	770	.33"	10"	6" X 24"
100333	48" Hood	770	.33"	10"	6" X 24"
100334	72" Hood	1250	.34"	12"	6" X 36"
100335	72" Hood	1250	.34"	12"	6" X 36"



**PIN TUMBLER LOCKS** - Cam type locks are furnished keyed 5 pin tumblers. Keying selection: keyed alike; keyed alike in sets; keyed different, not master-keyed; keyed different, master-keyed with sub and grand master-keying available. Furnished with two keys per lock.



**DEAD BOLT PIN TUMBLER LOCKS** - These locks are furnished keyed 5 pin tumblers. Keying selection: keyed alike; keyed alike in sets; keyed different, not master-keyed; keyed different, master-keyed with sub and grand master-keying available. Furnished with two keys per lock.



**DISC TUMBLER LOCKS** - Cam type locks with 5 disc tumbler, chrome plated face. Keying selection: keyed alike; keyed alike in sets; keyed different, not master-keyed; keyed different, master-keyed with sub and grand master-keying available. Furnished with two keys per lock.



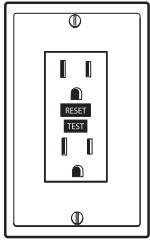
**DEAD BOLT DISC TUMBLER LOCKS** - Deadbolt type locks with 5 disc tumbler, chrome plated face. Keying selection: keyed alike; keyed alike in sets; keyed different, not master-keyed; keyed different, master-keyed with sub and grand master-keying available. Furnished with two keys per lock.



**WIRE PULL** - 96mm on center. Available in a variety of colors and metals.



**SEMI-RECESSED PULL** - Available in Red Oak.



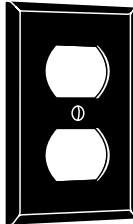
**GFCI RECEPTACLES** - Back and Side Wired Trip threshold meets or exceeds UL requirements for tripping time. Impact resistant thermoplastic cover and body. Silver alloy contacts.

*Hospital Grade* - 15 AMP 125V at receptacle; 20 AMP 125V feed through. Duplex receptacle with LED indicator light.

100771 Hospital Grade

*Commercial Grade* - 15 AMP 125V at receptacle; 20 AMP 125V feed through.

100034 Commercial Grade

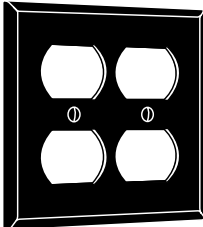


**WALL PLATES** - Available in stainless steel or plastic.

1-Gang, 2 Duplex Receptacles

100032 Plastic

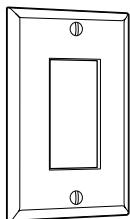
100772 Stainless Steel



2-Gang, 2 Duplex Receptacles

100774 Plastic

100773 Stainless Steel

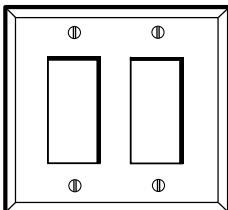


**WALL PLATES** - Available in stainless steel or plastic.

1-Gang, 1 Rectangular Device

100778 Plastic

100779 Stainless Steel



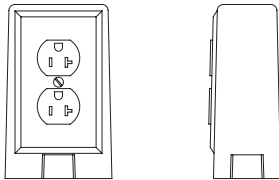
2-Gang, 2 Rectangular Device

100780 Plastic

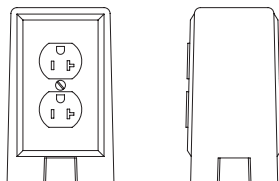
100781 Stainless Steel

**PEDESTAL BOX WITH MOUNTING SHANK**

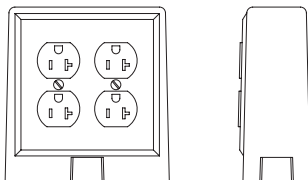
- Single and double faced pedestal boxes for mounting on the work surface. Finish is black epoxy powder coat.



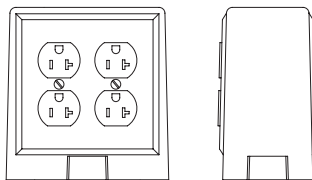
100753 Single Gang, Single Faced Pedestal Box



100754 Single Gang, Double Faced Pedestal Box



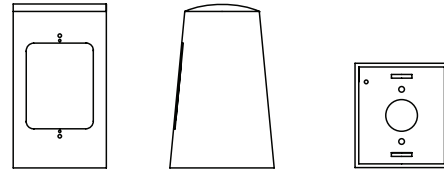
100755 Double Gang, Single Faced Pedestal Box



100756 Double Gang, Double Faced Pedestal Box

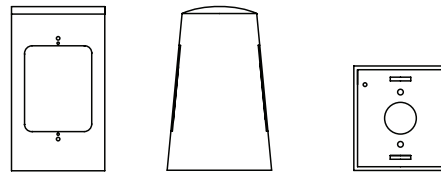
**PEDESTAL BOX WITH MOUNTING SHANK**

- Single and double faced pedestal boxes for mounting on the work surface. Finish is white epoxy powder coat.



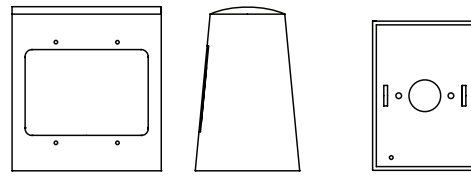
Front View Side View Bottom View

221734 Single Gang, Single Faced Pedestal Box



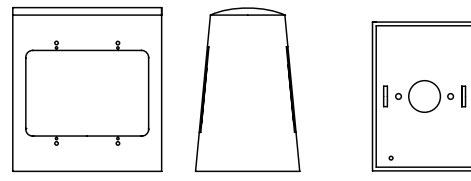
Front View Side View Bottom View

221735 Single Gang, Double Faced Pedestal Box



Front View Side View Bottom View

221736 Double Gang, Single Faced Pedestal Box



Front View Side View Bottom View

221737 Double Gang, Double Faced Pedestal Box

020

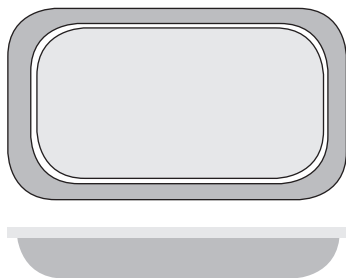
**BRASS TAGS** - 18 Gauge brass tags feature black filled numerals. Available in packages of 25 consecutively numbered tags. Also available in .040 aluminum upon request.

Item #	Number Sequence
100658	001-025
100659	026-050
100660	051-075
100661	076-100
100662	101-125
100663	126-150
100664	151-175
100665	176-200



**LABEL HOLDER** - 1-7/16" x 2-5/8" Label holder holds 1" x 2" cards. Chrome finish.

100657 Label Holder



**STORAGE TRAYS** - All purpose totes for use in tote cabinets and on open shelves. Standard color tan. Other colors available.

- 100139 19"D x 10-1/2"W x 3-1/2"H
- 100135 10"D x 14-5/8"W x 3-1/2"H



**ADJUSTABLE KEYBOARD TRAY -**

Adjustable cushioned palm rest easily adjusts to five different positions. Textured black paint finish.

100764 Keyboard Tray



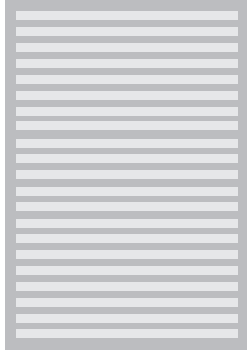
**ADJUSTABLE KEYBOARD TRAY** - Built in mouse tray designed for left or right handed users and accepts standard rubberized mouse pads. Mouse tray stores inside when keyboard is closed. Adjustable cushioned palm rest easily adjusts to five different positions. Textured black paint finish.

100765 Keyboard Tray



**PENCIL DRAWER TRAY WITH SLIDE** - Steel ball bearing slides hold black molded plastic tray. 21-1/2"W x 16-1/4"D x 1-7/8"H. Includes "L" brackets four mounting under desktop.

100763 Pencil Drawer



**PLASTIC SUPPORT PANELS FOR TRAY STORAGE** - Tan high impact polystyrene. 1-1/2" inch center spacing of ribs accommodates standard trays in different heights with or without covers. Measures: 29-3/4" x 21-1/4".

100138 Support Panels



**WALL KEY CABINET** - Key control system comes with numbered, white durable vulcanized fiber key tags, numerical index card and a cabinet lock with two keys. Cabinets are made of welded steel - 20 gauge bodies and 18 gauge doors.

Item#	Key Capacity	H x W x D
100163	30	12-1/8" x 8" x 2-5/8"
100164	40	12-1/8" x 8" x 2-5/8"
100165	60	12-1/8" x 10-5/8" x 3-1/8"
100166	80	17-1/8" x 14" x 3-1/8"
100167	110	17-1/8" x 14" x 3-1/8"

**BLANK KEY TAGS** - Sold in boxes of 20 tags.

100168 Box of 20 Key Tags



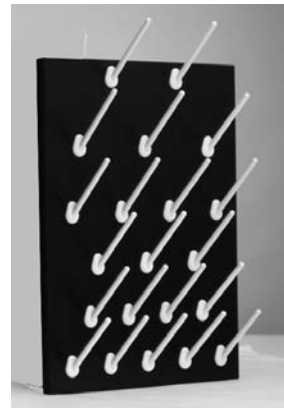
**CABLE HOLE COVERS (GROMMET)** - High impact ABS black plastic.

100766 2" Grommet

100767 3-1/8" Grommet

### DATA PORTS

Let us customize a plan that fits your needs.



**PEGBOARDS** - Epoxy resin pegboards furnished with 5" long black polypropylene pegs with glassware protector bases located on 4" centers. Black pegs will be supplied. White pegs illustrated for clarity.

Item #	H x W	No. of Pegs
100741	24" x 18"	18
100742	24" x 24"	23
100743	24" x 36"	38
100744	30" x 24"	39
100745	30" x 30"	46
100746	30" x 36"	53
100747	36" x 36"	60
100748	30" x 48"	74





**GREENLAW ARM** - Used for conducting experiments, the Greenlaw Arm includes 3/4" x 3/4" clamp, a 3/4" x 36" upright and a 3/4" x 18" crossbar. The uprights fits into a rod socket with a 3/4" receiver that is found in many laboratory units.

100245 Greenlaw Arm

**UPRIGHTS, CROSSBARS AND CLAMPS** - Made of solid machined aluminum, these units are nearly impossible to break. The upright is 3/4" diameter with a tapered end to fit in a rod socket. The crossbar is available in 1/2" or 3/4" diameter. The clamp includes two thumbscrews which tighten the upright and crossbar securely together.

- 100604 Upright Set with Full Crossbar
- 100002 3/4" x 3/4" Clamp
- 100003 3/4" x 1/2" Clamp
- 100181 1/2" x 18" Upright
- 100182 1/2" x 24" Upright
- 100004 3/4" x 36" Upright
- 100005 3/4" x 18" Crossbar
- 100006 3/4" x 48" Crossbar
- 100007 1/2" x 40" Crossbar

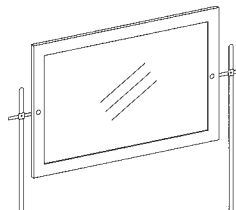


**ROD SOCKET** - These solid aluminum rod sockets are rust and acid resistant. Designed to fit tightly into the top of mobile carts and stationary tables and desk, they receive the tapered end of 3/4" uprights.

100001 Rod Socket

**ROD SOCKET INSERT** - Fits in existing rod sockets and allows 1/2" diameter rods to fit the socket.

100180 Rod Socket Insert



**MIRROR FOR MOBILE DEMONSTRATION**

**TABLES** - The shatter resistant acrylic mirror is enclosed in a solid oak frame with a natural transparent finish. 22-1/2" x 34-1/2".

4000K Mirror

**COMBINATION MIRROR MARKER BOARD** - Versatile unit allows for the unobstructed use of either the shatter resistant acrylic mirror or the marker board. 20-3/4" x 27-3/4".

4001K Combination Mirror Marker Board



**THE LABHAND** - Designed to provide a safe, convenient surface for laptop computers in a laboratory setting. The LabHand is mounted on a solid plastic rod which fits securely into standard rod sockets. The platform is made of powder coated steel to create a surface that will withstand the typical chemicals found in today's laboratories. The LabHand holds laptops and books off the work surface protecting them from spills and increasing the amount of workspace available.

100994 LabHand