



Hamilton Laboratory Solutions Panorama Specification Catalog

configurable designs
for dynamic laboratories

Inspiring progress.





Hamilton Laboratory Solutions Panorama Laboratory Furniture

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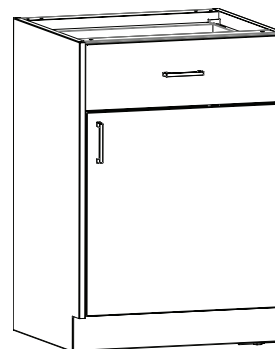
Options Menu

Product Options Menu

Cabinet Finish Selection

- For cabinet shell, select from the 18 steel colors listed below
- For door and drawer fronts, select from steel or wood colors listed below
- Color charts can be referenced online at:
https://hamiltonlab.com/wp-content/uploads/2020/06/hls_steel_product_color_guide_scg0915.pdf

Recommendation: Prior to making your final selection, please contact your local representative to obtain samples.



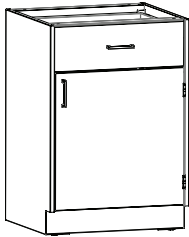
Steel Color Selections

Color Code	Reference Color
☐ BK	Black
☐ BL	Blue
☐ BS	Blue Slate
☐ BD	Brown Burgundy
☐ CH	Chameleon
☐ DK	Dark Khaki
☐ G1	Dove Grey
☐ G3	Grey Slate
☐ HG	Hunter Green
☐ IN	Indigo
☐ KK	Khaki
☐ PW	Petal White
☐ PM	Piedmont Green
☐ PL	Platinum
☐ PA	Purple
☐ SA	Sand
☐ SS	Sandstone
☐ SW	Shell White

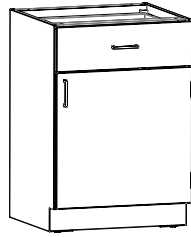




1 Door and Drawer Fronts

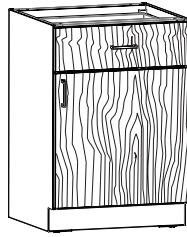


☐ Inset Steel
Standard Default



☐ Steel Flush Overlay

Note: Add "F" after "X" in product number
(Example: 100XF1320)



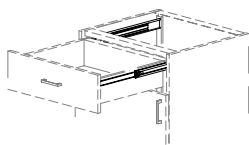
☐ Wood Flush Overlay

Note: Add "W" after "X" in product number
(Example: 100XW1320)

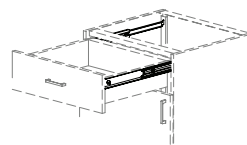
2 Wood Cut and Match Selections*

* Wood options currently under review -- final options TBD. Consult factory for availability.

3 Drawer Suspension

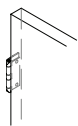


☐ 100 lb. full extension, soft closing
Standard Default

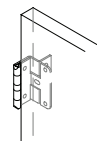


☐ 150 lb. full extension
Standard on file drawers
(Not available on 3-mod (96mm)
high drawers or pullboards)

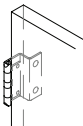
4 Hinges



☐ Stainless steel 5-knuckle
*Inset steel products only **Standard Default**



☐ Stainless steel 5-knuckle
*Wood flush overlay products only **Standard Default**



☐ Stainless steel 5-knuckle
*Steel flush overlay products only **Standard Default**

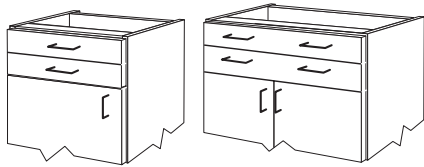




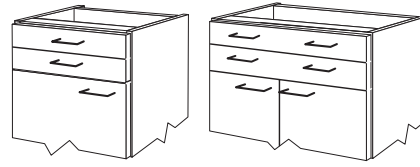
Hamilton Scientific Panorama Laboratory Furniture

Options Menu

5 Pull Locations



- ☐ Horizontal on drawers, vertical on doors
Standard Default



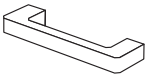
- ☐ Horizontal on drawers and doors

6 Pull Types

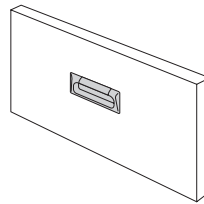


Wire pulls

- ☐ Stainless Steel
Standard Default



- ☐ Rectangular brushed aluminum



- ☐ Semi-recessed polypropylene
(includes integral label holder)

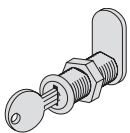
- ☐ Chameleon
☐ Black
☐ Gray
☐ White

7 Door Catches



- ☐ Roller catch

8 Lock Types



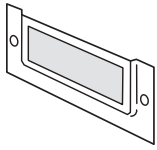
Designated by cabinet suffix; change "O" to "L"

- ☐ Master 5-disc
Standard Default
- Use when up to 225 primary key changes are required (master keyed)
- ☐ Master 5-pin
- ☐ Grand Master 5-pin
- Use when up to 2,000 primary key changes are required
 - The 5-pin option has an eight-week lead time
 - Lock keying is determined by lock schedule





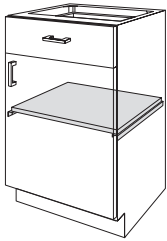
9 Stainless Steel Label Holders



- ☐ None
Standard Default
- ☐ One each door/one each drawer head
- ☐ One per pair of doors/one each drawer head

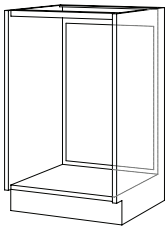
Check "None" when semi-recessed polypropylene door/drawer pull type (featuring an integral label holder) is selected.

10 Base Unit Shelf



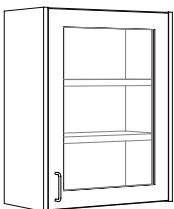
- ☐ One piece
Standard Default

11 Removable Access Panel



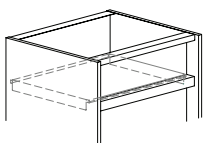
- ☐ At cupboard areas only
Standard Default

12 Glass – Framed and/or Unframed Doors



- ☐ 6mm clear float glass
Standard Default
- ☐ 6mm laminated safety glass
- ☐ 6mm tempered safety glass

13 Security Panels – Between Locked Sections



- ☐ **Standard Default**
When an "L" suffix is used





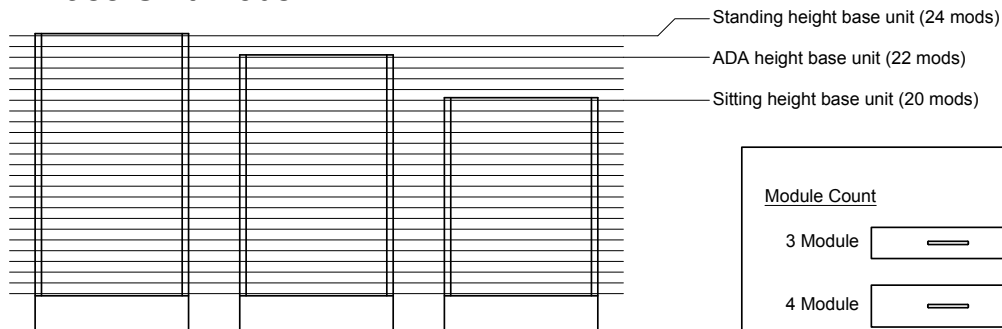
Face Dimensions and Modules

What is a Mod?

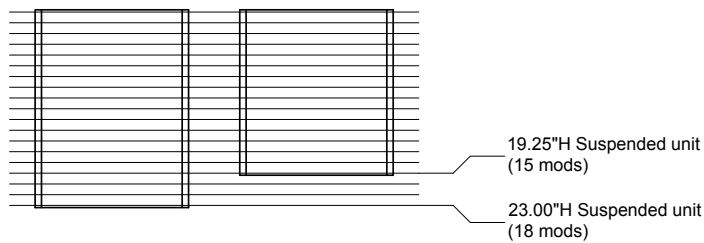
Door and drawer faces on casework are arranged in vertical increments referred to as 'modules'. Each module (mod) is 32mm high, and the number of available modules on a unit is determined by its overall height.

1 mod = 32mm

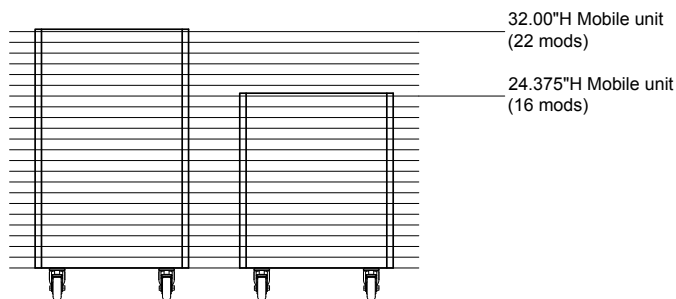
Base Unit Mods



Suspended Unit Mods



Mobile Unit Mods



Module Count	Drawer Face Height	Drawer Body Height
3 Module	3.780\" (96mm)	1.361\" (35mm)
4 Module	5.039\" (128mm)	2.621\" (67mm)
5 Module	6.299\" (160mm)	3.881\" (99mm)
6 Module	7.559\" (192mm)	5.141\" (131mm)
7 Module	8.819\" (224mm)	6.401\" (163mm)
8 Module	10.079\" (256mm)	7.661\" (195mm)
9 Module	11.339\" (288mm)	8.921\" (227mm)
10 Module	12.598\" (320mm)	10.181\" (259mm)
10 Module File Drawer	12.598\" (320mm)	8.921\" (227mm)



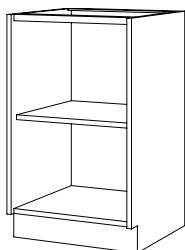


Base Units – Standing Height – 34.75" (883mm) High By 21.125" (537mm) Deep

Base Units

- Available with optional removable service access panel
- Standard without locks; to specify locks on a unit with doors and/or drawers, replace the "0" with an "L" in the eighth position of the product number
- Specify lock and security panel options using the Options Menu, pages 3-6
- To specify flush overlay, add "F" after "X" (Example: 100XF1320)
- To specify wood fronts, add "W" after "X" (Example: 100XW1320)

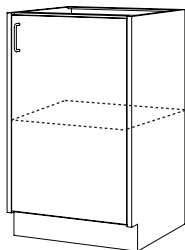
Open Units



- Adjustable shelf

Width	Product No.
15" (381mm)	100X1320
18" (457mm)	100X2320
21" (533mm)	100X3320
24" (610mm)	100X4320
30" (762mm)	100X5320
36" (914mm)	100X6320
42" (1067mm)	100X7320
48" (1219mm)	100X8320

Door Units



- Right-hinged solid door (shown)
- Adjustable shelf

Width	Product No.
15" (381mm)	102X1320
18" (457mm)	102X2320
21" (533mm)	102X3320
24" (610mm)	102X4320

- Left-hinged, solid door
- Adjustable shelf

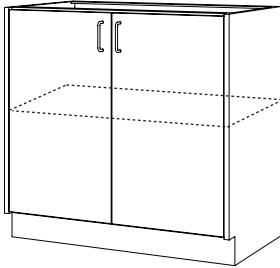
Width	Product No.
15" (381mm)	103X1320
18" (457mm)	103X2320
21" (533mm)	103X3320
24" (610mm)	103X4320





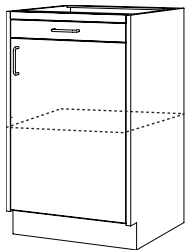
Base Units – Standing Height – 34.75" (883mm) High By 21.125" (537mm) Deep

Door Units



- Solid hinged doors
- Adjustable shelf

Width	Product No.
30" (762mm)	106X5320
36" (914mm)	106X6320
42" (1067mm)	106X7320
48" (1219mm)	106X8320



- Right-hinged, solid door (shown)
- Adjustable shelf
- Pull board above a cupboard

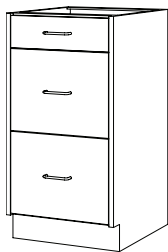
Width	Product No.
15" (381mm)	124X1320
18" (457mm)	124X2320
21" (533mm)	124X3320
24" (610mm)	124X4320



- Left-hinged, solid door
- Adjustable shelf
- Pull board above a cupboard

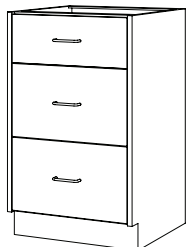
Width	Product No.
15" (381mm)	125X1320
18" (457mm)	125X2320
21" (533mm)	125X3320
24" (610mm)	125X4320

Drawer Units



- One 4-mod (128mm) high drawer above two 10-mod (320mm) high file drawers
- File drawer is equipped with hanging file rails

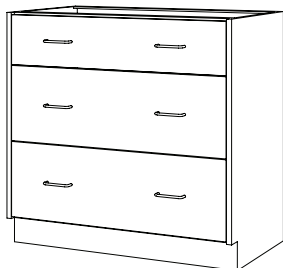
Width	Product No.
15" (381mm)	141X1320
18" (457mm)	141X2320



- One 6-mod (192mm) high drawer above two 9-mod (288mm) high drawers

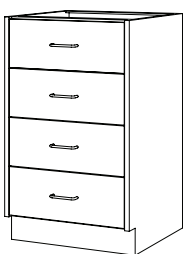
Width	Product No.
15" (381mm)	142X1320
18" (457mm)	142X2320
21" (533mm)	142X3320
24" (610mm)	142X4320



**Base Units – Standing Height – 34.75" (883mm) High By 21.125" (537mm) Deep****Drawer Units**

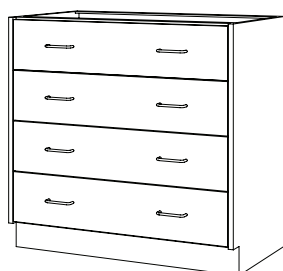
- One 6-mod (192mm) high drawer above two 9-mod (288mm) high full width drawers

Width	Product No.
30" (762mm)	142X5320
36" (914mm)	142X6320
42" (1067mm)	142X7320
48" (1219mm)	142X8320



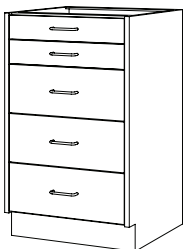
- Four 6-mod (192mm) high drawers

Width	Product No.
15" (381mm)	145X1320
18" (457mm)	145X2320
21" (533mm)	145X3320
24" (610mm)	145X4320



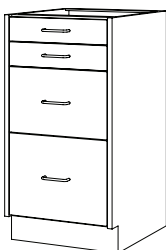
- Four 6-mod (192mm) high full width drawers

Width	Product No.
30" (762mm)	145X5320
36" (914mm)	145X6320
42" (1067mm)	145X7320
48" (1219mm)	145X8320



- Two 3-mod (96mm) high drawers above three 6-mod (192mm) high drawers

Width	Product No.
15" (381mm)	163X1320
18" (457mm)	163X2320
21" (533mm)	163X3320
24" (610mm)	163X4320



- Two 3-mod (96mm) high drawers above one 8-mod (256mm) high drawer above one 10-mod (320mm) high file drawer
- File drawer is equipped with hanging file rails

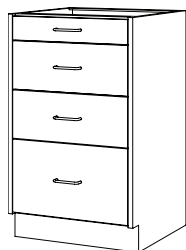
Width	Product No.
15" (381mm)	170X1320
18" (457mm)	170X2320





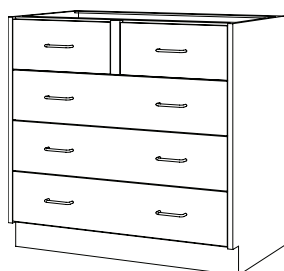
Base Units – Standing Height – 34.75" (883mm) High By 21.125" (537mm) Deep

Drawer Units



- One 3-mod (96mm) high drawer above two 6-mod (192mm) high drawers above one 9-mod (288mm) high drawer

Width	Product No.
15" (381mm)	164X1320
18" (457mm)	164X2320
21" (533mm)	164X3320
24" (610mm)	164X4320



- Two 6-mod (192mm) high split drawers above three 6-mod (192mm) high full width drawers

Width	Product No.
30" (762mm)	194X5320
36" (914mm)	194X6320
42" (1067mm)	194X7320
48" (1219mm)	194X8320



- Eight 6-mod (192mm) high split drawers

Width	Product No.
30" (762mm)	206X5320
36" (914mm)	206X6320
42" (1067mm)	206X7320
48" (1219mm)	206X8320



- Two 3-mod (96mm) high split drawers above four 6-mod (192mm) high split drawers above two 9-mod (288mm) high split drawers

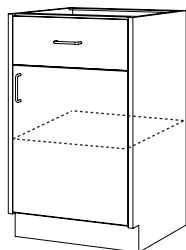
Width	Product No.
30" (762mm)	209X5320
36" (914mm)	209X6320
42" (1067mm)	209X7320
48" (1219mm)	209X8320



- Two 6-mod (192mm) high split drawers above four 9-mod (288mm) high split drawers

Width	Product No.
30" (762mm)	299X5320
36" (914mm)	299X6320
42" (1067mm)	299X7320
48" (1219mm)	299X8320



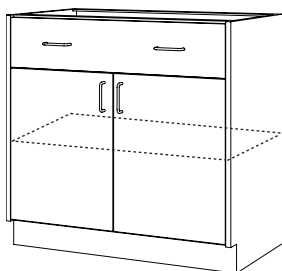
**Base Units – Standing Height – 34.75" (883mm) High By 21.125" (537mm) Deep****Combination Units**

- Right-hinged, solid door (shown)
- One 6-mod (192mm) high drawer above a cupboard
- Adjustable shelf

Width	Product No.
15" (381mm)	136X1320
18" (457mm)	136X2320
21" (533mm)	136X3320
24" (610mm)	136X4320

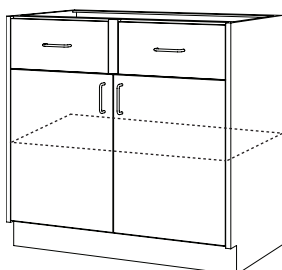
- Left-hinged, solid door
- One 6-mod (192mm) high drawer above a cupboard
- Adjustable shelf

Width	Product No.
15" (381mm)	137X1320
18" (457mm)	137X2320
21" (533mm)	137X3320
24" (610mm)	137X4320



- One 6-mod (192mm) high full width drawer above a cupboard
- Solid hinged doors
- Adjustable shelf

Width	Product No.
30" (762mm)	146X5320
36" (914mm)	146X6320
42" (1067mm)	146X7320
48" (1219mm)	146X8320



- Two 6-mod (192mm) high split drawers above a cupboard
- Solid hinged doors
- Adjustable shelf

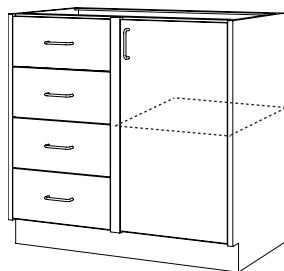
Width	Product No.
30" (762mm)	148X5320
36" (914mm)	148X6320
42" (1067mm)	148X7320
48" (1219mm)	148X8320





Base Units – Standing Height – 34.75" (883mm) High By 21.125" (537mm) Deep

Combination Units

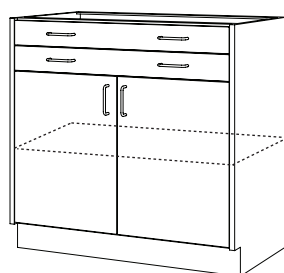


- Cupboard on the right, solid hinged door (shown)
- Four 6-mod (192mm) high drawers on the left
- Adjustable shelf

Width	Product No.
30" (762mm)	152X5320
36" (914mm)	152X6320
42" (1067mm)	152X7320
48" (1219mm)	152X8320

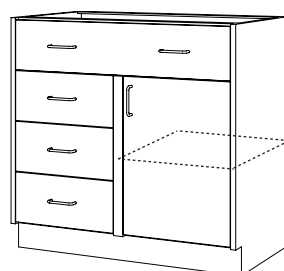
- Cupboard on the left, solid hinged door
- Four 6-mod (192mm) high drawers on the right
- Adjustable shelf

Width	Product No.
30" (762mm)	153X5320
36" (914mm)	153X6320
42" (1067mm)	153X7320
48" (1219mm)	153X8320



- Two 3-mod (96mm) high full width drawers above a cupboard
- Solid hinged doors
- Adjustable shelf

Width	Product No.
30" (762mm)	159X5320
36" (914mm)	159X6320
42" (1067mm)	159X7320
48" (1219mm)	159X8320



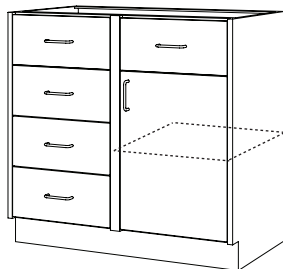
- Cupboard on the right, solid hinged door (shown)
- One 6-mod (192mm) high full width drawer above three 6-mod (192mm) high drawers on the left
- Adjustable shelf

Width	Product No.
30" (762mm)	168X5320
36" (914mm)	168X6320
42" (1067mm)	168X7320
48" (1219mm)	168X8320

- Cupboard on the left, solid hinged door
- One 6-mod (192mm) high full width drawer above three 6-mod (192mm) high drawers on the right
- Adjustable shelf

Width	Product No.
30" (762mm)	169X5320
36" (914mm)	169X6320
42" (1067mm)	169X7320
48" (1219mm)	169X8320



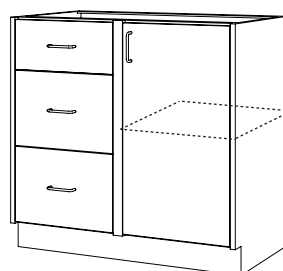
**Base Units – Standing Height – 34.75" (883mm) High By 21.125" (537mm) Deep****Combination Units**

- One 6-mod (192mm) high drawer over a cupboard on the right, solid hinged door (shown)
- Four 6-mod (192mm) high drawers on the left
- Adjustable shelf

Width	Product No.
30" (762mm)	207X5320
36" (914mm)	207X6320
42" (1067mm)	207X7320
48" (1219mm)	207X8320

- One 6-mod (192mm) high drawer over a cupboard on the left, solid hinged door
- Four 6-mod (192mm) high drawers on the right
- Adjustable shelf

Width	Product No.
30" (762mm)	208X5320
36" (914mm)	208X6320
42" (1067mm)	208X7320
48" (1219mm)	208X8320



- Cupboard on the right, solid hinged door (shown)
- One 6-mod (192mm) high drawer above two 9-mod (288mm) high drawers on the left
- Adjustable shelf

Width	Product No.
30" (762mm)	266X5320
36" (914mm)	266X6320
42" (1067mm)	266X7320
48" (1219mm)	266X8320

- Cupboard on the left, solid hinged door
- One 6-mod (192mm) high drawer above two 9-mod (288mm) high drawers on the right
- Adjustable shelf

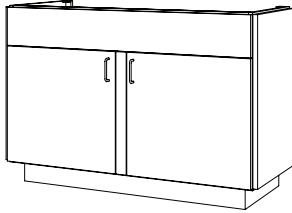
Width	Product No.
30" (762mm)	267X5320
36" (914mm)	267X6320
42" (1067mm)	267X7320
48" (1219mm)	267X8320





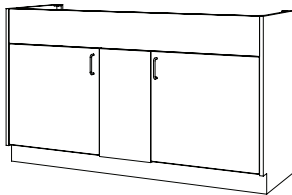
Base Units – Standing Height – 34.75" (883mm) High By 21.125" (537mm) Deep

Sink Units



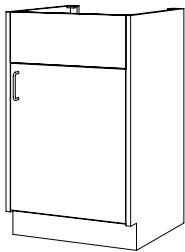
- Flush overlay only (includes overlay end panels)
- Solid hinged doors
- Toe space on both sides

Width	Product No.
52" (1321mm)	026X9320
58" (1473mm)	028X9320



- Solid hinged doors

Width	Product No.
60" (1424mm)	029X9320

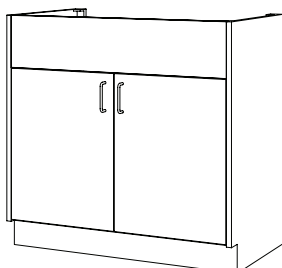


- Right-hinged, solid door (shown)

Width	Product No.
15" (381mm)	022X1320
18" (457mm)	022X2320
21" (533mm)	022X3320
24" (610mm)	022X4320

- Left-hinged, solid door

Width	Product No.
15" (381mm)	023X1320
18" (457mm)	023X2320
21" (533mm)	023X3320
24" (610mm)	023X4320



- Solid hinged doors

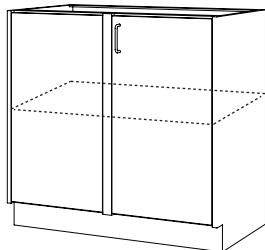
Width	Product No.
30" (762mm)	025X5320
36" (914mm)	025X6320
42" (1067mm)	025X7320
48" (1219mm)	025X8320





Base Units – Standing Height – 34.75" (883mm) High By 21.125" (537mm) Deep

Corner Units



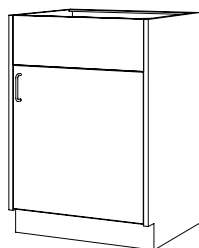
- Cupboard on the right, solid hinged door (shown)
- Inset panel on the left
- Adjustable shelf

Width	Product No.
36" (914mm)	220X6320
42" (1067mm)	220X7320
48" (1219mm)	220X8320

- Cupboard on the left, solid hinged door
- Inset panel on the right

Width	Product No.
36" (914mm)	221X6320
42" (1067mm)	221X7320
48" (1219mm)	221X8320

Fume Hood Units – 21.125" (537mm) Deep

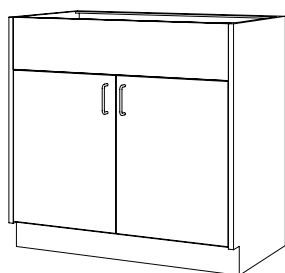


- Right-hinged, solid door (shown)
- No shelf

Width	Product No.
12" (305mm)	122X0320
24" (610mm)	122X4320

- Left-hinged, solid door
- No shelf

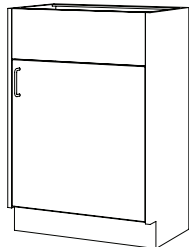
Width	Product No.
12" (305mm)	123X0320
24" (610mm)	123X4320



- Solid hinged doors
- No shelf

Width	Product No.
30" (762mm)	121X5320
36" (914mm)	121X6320
42" (1067mm)	121X7320
48" (1219mm)	121X8320



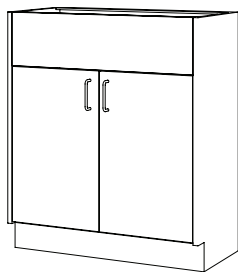
**Base Units – Standing Height – 34.75" (883mm) High By 21.125" (537mm) Deep****Fume Hood Units – 15.125" (384mm) Deep**

- 15.125" (384mm) deep
- Right-hinged, solid door (shown)
- No shelf

Width	Product No.
12" (305mm)	122X0350
24" (610mm)	122X4350

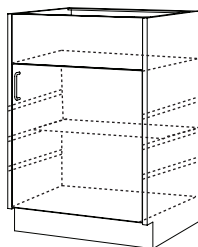
- 15.125" (384mm) deep
- Left-hinged, solid door
- No shelf

Width	Product No.
12" (305mm)	123X0350
24" (610mm)	123X4350



- 15.125" (384mm) deep
- Solid hinged doors
- No shelf

Width	Product No.
30" (762mm)	121X5350
36" (914mm)	121X6350
42" (1067mm)	121X7350
48" (1219mm)	121X8350

Acid Storage Units

- Right-hinged, solid door (shown)
- Adjustable shelf
- Chemical resistant .1875" (5mm) thick molded polyethylene lining with coved corners and 2" (51mm) lip at front cabinet opening

Width	Product No.
24" (610mm)	960X4320

- Left-hinged, solid door
- Adjustable shelf
- Chemical resistant .1875" (5mm) thick molded polyethylene lining with coved corners and 2" (51mm) lip at front cabinet opening

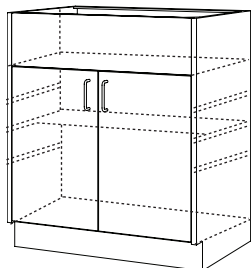
Width	Product No.
24" (610mm)	961X4320





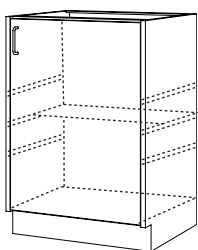
Base Units – Standing Height – 34.75" (883mm) High By 21.125" (537mm) Deep

Acid Storage Units



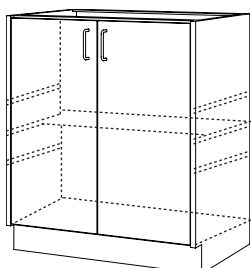
- Solid hinged doors
- Adjustable shelf
- Chemical resistant .1875" (5mm) thick molded polyethylene lining with coved corners and 2" (51mm) lip at front cabinet opening

Width	Product No.
30" (762mm)	960X5320
36" (914mm)	960X6320
48" (1219mm)	960X8320



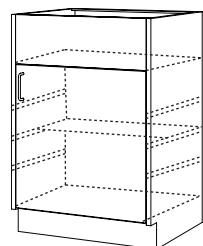
- Right-hinged, solid door (shown)
- Adjustable shelf
- Chemical resistant .1875" (5mm) thick molded polyethylene lining with coved corners and 2" (51mm) lip at front cabinet opening

Width	Product No.
24" (610mm)	962X4320



- Left-hinged, solid door
- Adjustable shelf
- Chemical resistant .1875" (5mm) thick molded polyethylene lining with coved corners and 2" (51mm) lip at front cabinet opening

Width	Product No.
24" (610mm)	963X4320



- Solid hinged doors
- Adjustable shelf
- Chemical resistant .1875" (5mm) thick molded polyethylene lining with coved corners and 2" (51mm) lip at front cabinet opening

Width	Product No.
30" (762mm)	962X5320
36" (914mm)	962X6320
48" (1219mm)	962X8320

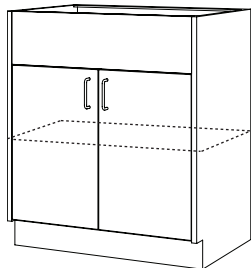
- Right-hinged, solid door (shown)
- Adjustable shelf
- Chemical resistant .25" (6mm) polyresin lining and shelf surface
- Doors are lined with .125" (3mm) thick polyethylene

Width	Product No.
18" (457mm)	970X2320
24" (610mm)	970X4320

- Left-hinged, solid door
- Adjustable shelf
- Chemical resistant .25" (6mm) polyresin lining and shelf surface
- Doors are lined with .125" (3mm) thick polyethylene

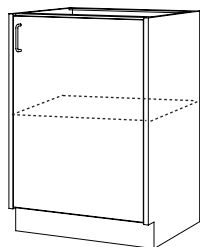
Width	Product No.
18" (457mm)	971X2320
24" (610mm)	971X4320



**Base Units – Standing Height – 34.75" (883mm) High By 21.125" (537mm) Deep****Acid Storage Units**

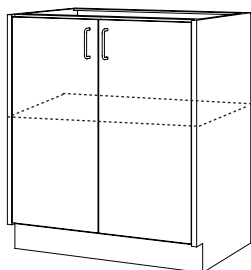
- Solid hinged doors
- Adjustable shelf
- Chemical resistant .25" (6mm) polyresin lining and shelf surface
- Doors are lined with .125" (3mm) thick polyethylene

Width	Product No.
30" (762mm)	970X5320
36" (914mm)	970X6320
48" (1219mm)	970X8320



- Right-hinged, solid door (shown)
- Adjustable shelf
- Chemical resistant .25" (6mm) polyresin lining and shelf surface
- Doors are lined with .125" (3mm) thick polyethylene

Width	Product No.
24" (610mm)	972X4320



- Left-hinged, solid door
- Adjustable shelf
- Chemical resistant .25" (6mm) polyresin lining and shelf surface
- Doors are lined with .125" (3mm) thick polyethylene

Width	34.75" (883mm)
24" (610mm)	973X4320

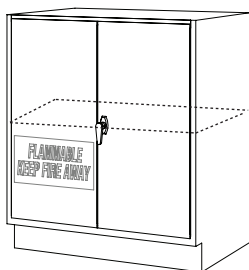
- Solid hinged doors
- Adjustable shelf
- Chemical resistant .25" (6mm) polyresin lining and shelf surface
- Doors are lined with .125" (3mm) thick polyethylene

Width	34.75" (883mm)
30" (762mm)	972X5320
36" (914mm)	972X6320
48" (1219mm)	972X8320



**Base Units – Standing Height – 34.75" (883mm) High By 21.125" (537mm) Deep****Flammable Storage Units**

- UL listed
- Rear access panel is included
- Two 2" (51mm) diameter pipe threaded vent outlets on back
- Shelves are adjustable in .50" (13mm) increments
- Standard with locks
- The NFPA 30 standard calls for sealed bungs in flammable storage units
- To specify flush overlay, add "F" after "X" (Example: 100XF1320)
- To specify wood fronts, add "W" after "X" (Example: 100XW1320)

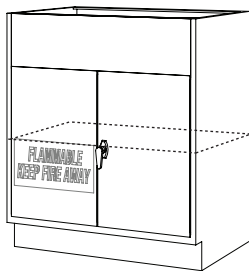
Flammable Storage Units

- Solid hinged doors
- Adjustable shelf
- Manual close doors

Width	Capacity	Product No.
30" (762mm)	15 gal (56.8L)	956X7421
36" (914mm)	18 gal (68.1L)	956X7431
42" (1067mm)	24 gal (90.8L)	956X7441
48" (1219mm)	27 gal (102.2L)	956X7451

- Solid hinged doors
- Adjustable shelf
- Self-closing doors

Width	Capacity	Product No.
30" (762mm)	15 gal (56.8L)	956X7521
36" (914mm)	18 gal (68.1L)	956X7531
42" (1067mm)	24 gal (90.8L)	956X7541
48" (1219mm)	27 gal (102.2L)	956X7551



- Solid hinged doors
- Adjustable shelf
- Manual close doors

Width	Capacity	Product No.
30" (762mm)	15 gal (56.8L)	956X7621
36" (914mm)	18 gal (68.1L)	956X7631
42" (1067mm)	24 gal (90.8L)	956X7641
48" (1219mm)	27 gal (102.2L)	956X7651

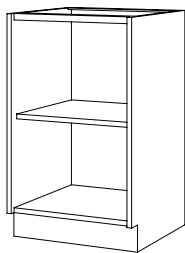
- Solid hinged doors
- Adjustable shelf
- Self-closing doors

Width	Capacity	Product No.
30" (762mm)	15 gal (56.8L)	956X7721
36" (914mm)	18 gal (68.1L)	956X7731
42" (1067mm)	24 gal (90.8L)	956X7741
48" (1219mm)	27 gal (102.2L)	956X7751



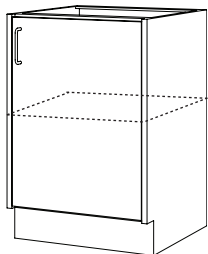
**Base Units – Sitting Height – 29.75" (756mm) High By 21.125" (537mm) Deep****Base Units**

- Available with optional removable service access panel
- Standard without locks; to specify locks on a unit with doors and/or drawers, replace the "0" with an "L" in the eighth position of the product number
- Specify lock and security panel options using the Options Menu, pages 3-6
- To specify flush overlay, add "F" after "X" (Example: 100XF1320)
- To specify wood fronts, add "W" after "X" (Example: 100XW1320)

Open Units

- Adjustable shelf

Width	Product No.
15" (381mm)	100X1220
18" (457mm)	100X2220
21" (533mm)	100X3220
24" (610mm)	100X4220
30" (762mm)	100X5220
36" (914mm)	100X6220
42" (1067mm)	100X7220
48" (1219mm)	100X8220

Door Units

- Right-hinged, solid door (shown)
- Adjustable shelf

Width	Product No.
15" (381mm)	102X1220
18" (457mm)	102X2220
21" (533mm)	102X3220
24" (610mm)	102X4220

- Left-hinged, solid door
- Adjustable shelf

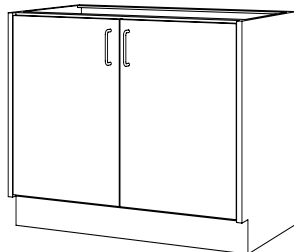
Width	Product No.
15" (381mm)	103X1220
18" (457mm)	103X2220
21" (533mm)	103X3220
24" (610mm)	103X4220





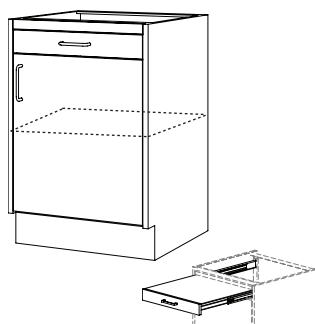
Base Units – Sitting Height – 29.75" (756mm) High By 21.125" (537mm) Deep

Door Units



- Solid hinged doors
- Adjustable shelf

Width	Product No.
30" (762mm)	106X5220
36" (914mm)	106X6220
42" (1067mm)	106X7220
48" (1219mm)	106X8220



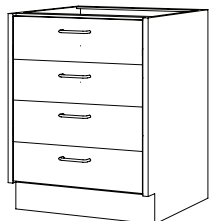
- Right-hinged, solid door (shown)
- Pull board above a cupboard

Width	Product No.
15" (381mm)	124X1220
18" (457mm)	124X2220
21" (533mm)	124X3220
24" (610mm)	124X4220

- Left-hinged, solid door
- Pull board above a cupboard

Width	Product No.
15" (381mm)	125X1220
18" (457mm)	125X2220
21" (533mm)	125X3220
24" (610mm)	125X4220

Drawer Units



- Four 5-mod (160mm) high drawers

Width	Product No.
15" (381mm)	142X1220
18" (457mm)	142X2220
21" (533mm)	142X3220
24" (610mm)	142X4220



- Two 4-mod (128mm) high drawers above
Two 6-mod (192mm) high drawers

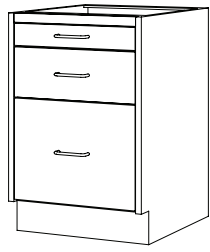
Width	Product No.
15" (381mm)	145X1220
18" (457mm)	145X2220
21" (533mm)	145X3220
24" (610mm)	145X4220





Base Units – Sitting Height – 29.75" (756mm) High By 21.125" (537mm) Deep

Drawer Units



- One 7-mod (224mm) high drawer above one 10-mod (320mm) high file drawer
- File drawer is equipped with hanging file rails
- Pull board

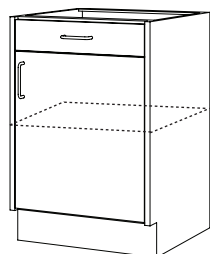
Width	Product No.
15" (381mm)	130X1220
18" (457mm)	130X2220



- Two 5-mod (160mm) high drawer above one 10-mod (320mm) high file drawer
- File drawer is equipped with hanging file rails

Width	Product No.
15" (381mm)	139X1220
18" (457mm)	139X2220

Combination Units

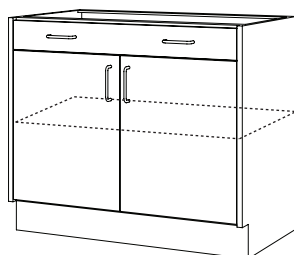


- Right-hinged, solid door (shown)
- One 3-mod (96mm) high drawer above a cupboard

Width	Product No.
15" (381mm)	136X1220
18" (457mm)	136X2220
21" (533mm)	136X3220
24" (610mm)	136X4220

- Left-hinged, solid door
- One 3-mod (96mm) high drawer above a cupboard

Width	Product No.
15" (381mm)	137X1220
18" (457mm)	137X2220
21" (533mm)	137X3220
24" (610mm)	137X4220



- One 3-mod (96mm) high full width drawer above a cupboard
- Solid hinged doors

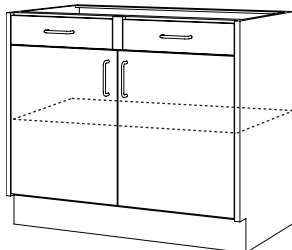
Width	Product No.
30" (762mm)	146X5220
36" (914mm)	146X6220
42" (1067mm)	146X7220
48" (1219mm)	146X8220





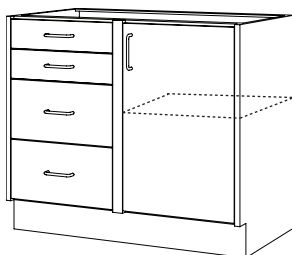
Base Units – Sitting Height – 29.75" (756mm) High By 21.125" (537mm) Deep

Combination Units



- Two 3-mod (96mm) high split drawers above a cupboard
- Solid hinged doors

Width	Product No.
30" (762mm)	148X5220
36" (914mm)	148X6220
42" (1067mm)	148X7220
48" (1219mm)	148X8220

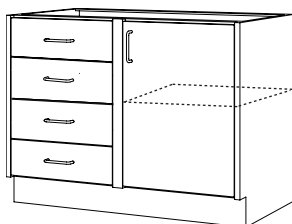


- Cupboard on the right, solid hinged door (shown)
- Two 4-mod (128mm) high drawers above two 6-mod (192mm) high drawers on the left
- Adjustable shelf

Width	Product No.
30" (762mm)	152X5220
36" (914mm)	152X6220
42" (1067mm)	152X7220
48" (1219mm)	152X8220

- Cupboard on the left, solid hinged door
- Two 4-mod (128mm) high drawers above two 6-mod (192mm) high drawers on the right
- Adjustable shelf

Width	Product No.
30" (762mm)	153X5220
36" (914mm)	153X6220
42" (1067mm)	153X7220
48" (1219mm)	153X8220



- Cupboard on the right, solid hinged door (shown)
- Four 5-mod (160mm) high drawers on the left
- Adjustable shelf

Width	Product No.
30" (762mm)	266X5220
36" (914mm)	266X6220
42" (1067mm)	266X7220
48" (1219mm)	266X8220

- Cupboard on the left, solid hinged door
- Four 5-mod (160mm) high drawers on the right
- Adjustable shelf

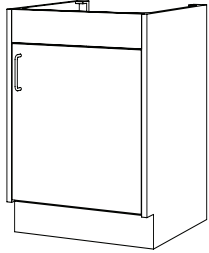
Width	Product No.
30" (762mm)	267X5220
36" (914mm)	267X6220
42" (1067mm)	267X7220
48" (1219mm)	267X8220





Base Units – Sitting Height – 29.75" (756mm) High By 21.125" (537mm) Deep

Sink Units

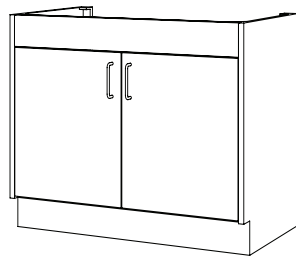


- Right-hinged, solid door (shown)

Width	Product No.
15" (381mm)	022X1220
18" (457mm)	022X2220
21" (533mm)	022X3220
24" (610mm)	022X4220

- Left-hinged, solid door

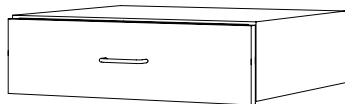
Width	Product No.
15" (381mm)	023X1220
18" (457mm)	023X2220
21" (533mm)	023X3220
24" (610mm)	023X4220



- Solid hinged doors

Width	Product No.
30" (762mm)	025X5220
36" (914mm)	025X6220
42" (1067mm)	025X7220
48" (1219mm)	025X8220

Add-a-Drawer



- One 4-mod (128mm) high drawer*
- Mechanically fastens to the top of any sitting height base unit to create a standing height unit
- Standard without locks; to specify locks replace the "0" with an "L" in the eighth position of the product number
- Specify lock option using the Options Menu on pages 3-6 (Not available with security panels)
- Available as flush or radius overlay only

Width	Product No.
15" (381mm)	509X1220
18" (457mm)	509X2220
21" (533mm)	509X3220
24" (610mm)	509X4220
30" (762mm)	509X5220

* If vertical grain match is required unit must be ordered as a non-standard together with the sitting height unit.



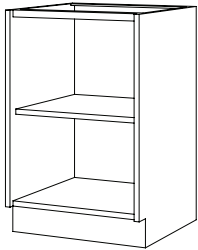


Base Units – ADA Height – 32.25" (819mm) High By 21.125" (537mm) Deep

Base Units

- Available with optional removable service access panel
- Standard without locks; to specify locks on a unit with doors and/or drawers, replace the "0" with an "L" in the eighth position of the product number
- Specify lock and security panel options using the Options Menu, pages 3-6
- To specify flush overlay, add "F" after "X" (Example: 100XF1320)
- To specify wood fronts, add "W" after "X" (Example: 100XW1320)

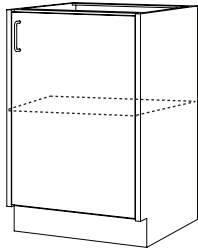
Open Units



- Adjustable shelf

Width	Product No.
15" (381mm)	100X1720
18" (457mm)	100X2720
21" (533mm)	100X3720
24" (610mm)	100X4720
30" (762mm)	100X5720
36" (914mm)	100X6720
42" (1067mm)	100X7720
48" (1219mm)	100X8720

Door Units



- Right-hinged, solid door (shown)
- Adjustable shelf

Width	Product No.
15" (381mm)	102X1720
18" (457mm)	102X2720
21" (533mm)	102X3720
24" (610mm)	102X4720

- Left-hinged, solid door
- Adjustable shelf

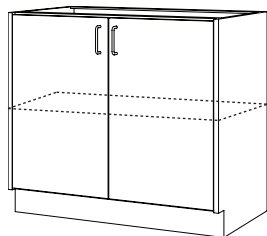
Width	Product No.
15" (381mm)	103X1720
18" (457mm)	103X2720
21" (533mm)	103X3720
24" (610mm)	103X4720





Base Units – ADA Height – 32.25" (819mm) High By 21.125" (537mm) Deep

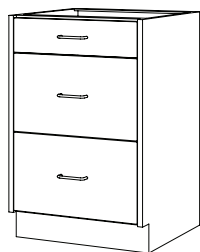
Door Units



- Solid hinged doors
- Adjustable shelf

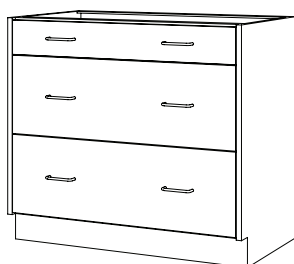
Width	Product No.
30" (762mm)	106X5720
36" (914mm)	106X6720
42" (1067mm)	106X7720
48" (1219mm)	106X8720

Drawer Units



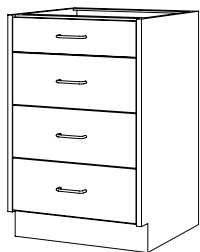
- One 4-mod (128mm) high drawer above two 9-mod (288mm) high drawers

Width	Product No.
15" (381mm)	142X1720
18" (457mm)	142X2720
21" (533mm)	142X3720
24" (610mm)	142X4720



- One 4-mod (128mm) high full width drawer above two 9-mod (288mm) high full width drawers

Width	Product No.
30" (762mm)	142X5720
36" (914mm)	142X6720
42" (1067mm)	142X7720
48" (1219mm)	142X8720



- One 4-mod (128mm) high drawer above three 6-mod (192mm) high drawers

Width	Product No.
15" (381mm)	145X1720
18" (457mm)	145X2720
21" (533mm)	145X3720
24" (610mm)	145X4720





Base Units – ADA Height – 32.25" (819mm) High By 21.125" (537mm) Deep

Drawer Units



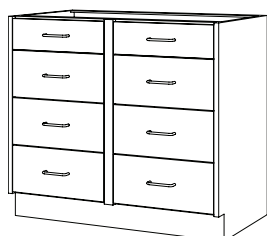
- One 4-mod (128mm) high full width drawer above three 6-mod (192mm) high full width drawers

Width	Product No.
30" (762mm)	145X5720
36" (914mm)	145X6720
42" (1067mm)	145X7720
48" (1219mm)	145X8720



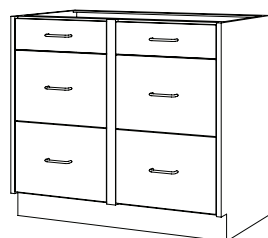
- Two 4-mod (128mm) high split drawers above three 6-mod (192mm) high full width drawers

Width	Product No.
30" (762mm)	194X5720
36" (914mm)	194X6720
42" (1067mm)	194X7720
48" (1219mm)	194X8720



- Two 4-mod (128mm) high split drawers above six 6-mod (192mm) high split drawers

Width	Product No.
30" (762mm)	206X5720
36" (914mm)	206X6720
42" (1067mm)	206X7720
48" (1219mm)	206X8720



- Two 4-mod (128mm) high split drawers above four 9-mod (288mm) high split drawers

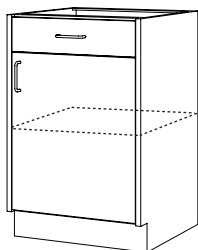
Width	Product No.
30" (762mm)	299X5720
36" (914mm)	299X6720
42" (1067mm)	299X7720
48" (1219mm)	299X8720





Base Units – ADA Height – 32.25" (819mm) High By 21.125" (537mm) Deep

Combination Units

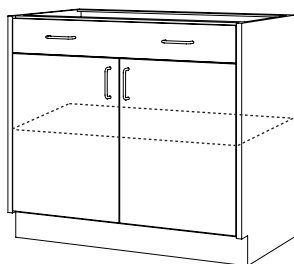


- Right-hinged, solid door (shown)
- One 4-mod (128mm) high drawer above a cupboard
- Adjustable shelf

Width	Product No.
15" (381mm)	136X1720
18" (457mm)	136X2720
21" (533mm)	136X3720
24" (610mm)	136X4720

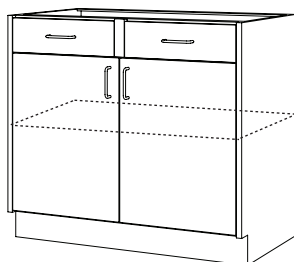
- Left-hinged, solid door
- One 4-mod (128mm) high drawer above a cupboard
- Adjustable shelf

Width	Product No.
15" (381mm)	137X1720
18" (457mm)	137X2720
21" (533mm)	137X3720
24" (610mm)	137X4720



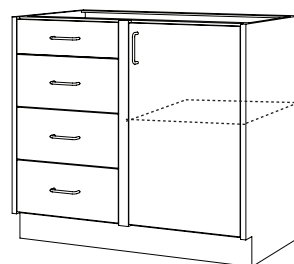
- One 4-mod (128mm) high full width drawer above a cupboard
- Solid hinged doors
- Adjustable shelf

Width	Product No.
30" (762mm)	146X5720
36" (914mm)	146X6720
42" (1067mm)	146X7720
48" (1219mm)	146X8720



- Two 4-mod (128mm) high split drawers above a cupboard
- Solid hinged doors
- Adjustable shelf

Width	Product No.
30" (762mm)	148X5720
36" (914mm)	148X6720
42" (1067mm)	148X7720
48" (1219mm)	148X8720



- Cupboard on the right, solid hinged door (shown)
- One 4-mod (128mm) high drawer above three 6-mod (192mm) high drawers on the left
- Adjustable shelf

Width	Product No.
30" (762mm)	152X5720
36" (914mm)	152X6720
42" (1067mm)	152X7720
48" (1219mm)	152X8720

- Cupboard on the left, solid hinged door
- One 4-mod (128mm) high drawer above three 6-mod (192mm) high drawers on the right
- Adjustable shelf

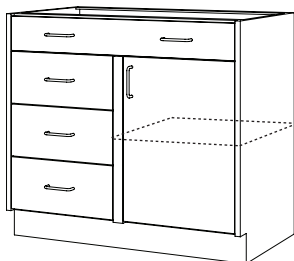
Width	Product No.
30" (762mm)	153X5720
36" (914mm)	153X6720
42" (1067mm)	153X7720
48" (1219mm)	153X8720





Base Units – ADA Height – 32.25" (819mm) High By 21.125" (537mm) Deep

Combination Units

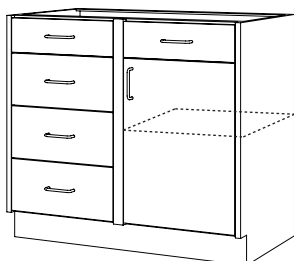


- Cupboard on the right, solid hinged door (shown)
- One 4-mod (128mm) high full width drawer above three 6-mod (192mm) high drawers on the left
- Adjustable shelf

Width	Product No.
30" (762mm)	168X5720
36" (914mm)	168X6720
42" (1067mm)	168X7720
48" (1219mm)	168X8720

- Cupboard on the left, solid hinged door
- One 4-mod (128mm) high full width drawer above three 6-mod (192mm) high drawers on the right
- Adjustable shelf

Width	Product No.
30" (762mm)	169X5720
36" (914mm)	169X6720
42" (1067mm)	169X7720
48" (1219mm)	169X8720

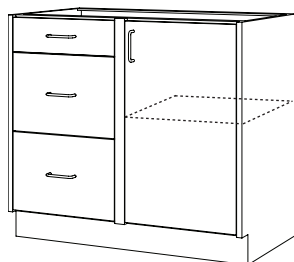


- Cupboard on the right, solid hinged door (shown)
- Two 4-mod (128mm) high split drawers above three 6-mod (192mm) high drawers on the left
- Adjustable shelf

Width	Product No.
30" (762mm)	207X5720
36" (914mm)	207X6720
42" (1067mm)	207X7720
48" (1219mm)	207X8720

- Cupboard on the left, solid hinged door
- Two 4-mod (128mm) high split drawers above three 6-mod (192mm) high drawers on the right
- Adjustable shelf

Width	Product No.
30" (762mm)	208X5720
36" (914mm)	208X6720
42" (1067mm)	208X7720
48" (1219mm)	208X8720



- Cupboard on the right, solid hinged door (shown)
- One 4-mod (128mm) high drawer above two 9-mod (288mm) high drawers on the left
- Adjustable shelf

Width	Product No.
30" (762mm)	266X5720
36" (914mm)	266X6720
42" (1067mm)	266X7720
48" (1219mm)	266X8720

- Cupboard on the left, solid hinged door
- One 4-mod (128mm) high drawer above two 9-mod (288mm) high drawers on the right
- Adjustable shelf

Width	Product No.
30" (762mm)	267X5720
36" (914mm)	267X6720
42" (1067mm)	267X7720
48" (1219mm)	267X8720



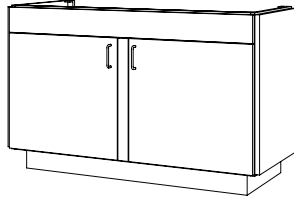


Hamilton Laboratory Solutions Panorama Laboratory Furniture

Base Units – ADA Height

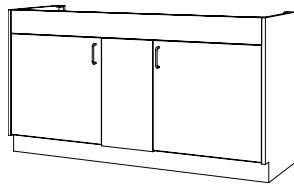
Base Units – ADA Height – 32.25" (819mm) High By 21.125" (537mm) Deep

Sink Units



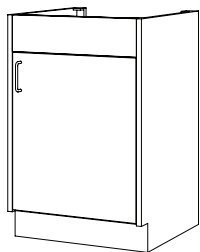
- Flush overlay only (includes overlay end panels)
- Solid hinged doors
- Toe space on both sides

Width	Product No.
52" (1321mm)	026X9720
58" (1473mm)	028X9720



- Solid hinged doors

Width	Product No.
60" (1424mm)	029X9720

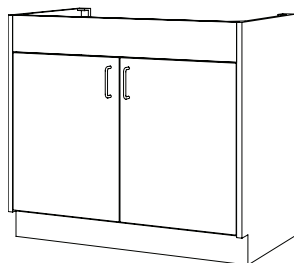


- Right-hinged, solid door (shown)

Width	Product No.
15" (381mm)	022X1720
18" (457mm)	022X2720
21" (533mm)	022X3720
24" (610mm)	022X4720

- Left-hinged, solid door

Width	Product No.
15" (381mm)	023X1720
18" (457mm)	023X2720
21" (533mm)	023X3720
24" (610mm)	023X4720



- Solid hinged doors

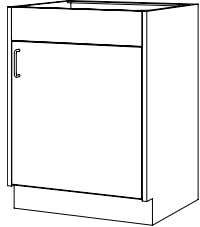
Width	Product No.
30" (762mm)	025X5720
36" (914mm)	025X6720
42" (1067mm)	025X7720
48" (1219mm)	025X8720





Base Units – ADA Height – 32.25" (819mm) High By 21.125" (537mm) Deep

Fume Hood Units – 21.125" (537mm) Deep

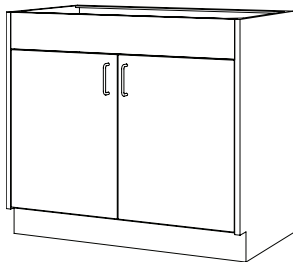


- Right-hinged, solid door (shown)
- Solid hinged door

Width	Product No.
12" (305mm)	122X0720
24" (610mm)	122X4720

- Left-hinged, solid door
- Solid hinged door

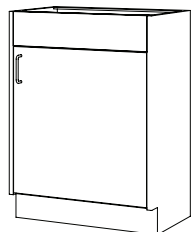
Width	Product No.
12" (305mm)	123X0720
24" (610mm)	123X4720



- Solid hinged doors

Width	Product No.
30" (762mm)	121X5720
36" (914mm)	121X6720
42" (1067mm)	121X7720
48" (1219mm)	121X8720

Fume Hood Units – 15.125" (384mm) Deep

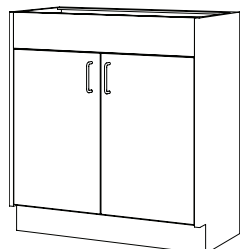


- 15.125" (384mm) deep
- Right-hinged, solid door (shown)

Width	Product No.
12" (305mm)	122X0750
24" (610mm)	122X4750

- 15.125" (384mm) deep
- Left-hinged, solid door

Width	Product No.
12" (305mm)	123X0750
24" (610mm)	123X4750



- 15.125" (384mm) deep
- Solid hinged doors

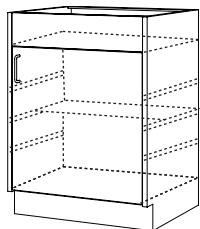
Width	Product No.
30" (762mm)	121X5750
36" (914mm)	121X6750
42" (1067mm)	121X7750
48" (1219mm)	121X8750





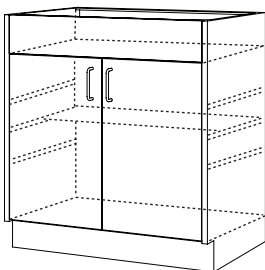
Base Units – ADA Height – 32.25" (819mm) High By 21.125" (537mm) Deep

Acid Storage Units



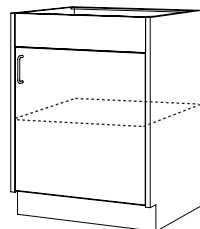
- Right-hinged, solid door (shown)
- Adjustable shelf
- Chemical resistant .1875" (5mm) thick molded polyethylene lining with coved corners and 2" (51mm) lip at front cabinet opening

Width	Product No.
24" (610mm)	960X4720



- Solid hinged doors
- Adjustable shelf
- Chemical resistant .1875" (5mm) thick molded polyethylene lining with coved corners and 2" (51mm) lip at front cabinet opening

Width	Product No.
30" (762mm)	960X5720
36" (914mm)	960X6720
48" (1219mm)	960X8720

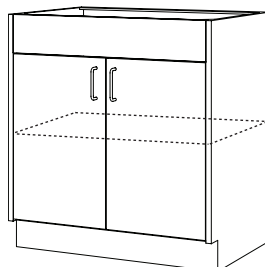


- Right-hinged, solid door (shown)
- Adjustable shelf
- Chemical resistant .25" (6mm) polyresin lining and shelf surface
- Doors are lined with .125" (3mm) thick polyethylene

Width	Product No.
18" (457mm)	970X2720
24" (610mm)	970X4720

- Left-hinged, solid door
- Adjustable shelf
- Chemical resistant .25" (6mm) polyresin lining and shelf surface
- Doors are lined with .125" (3mm) thick polyethylene

Width	Product No.
18" (457mm)	971X2720
24" (610mm)	971X4720



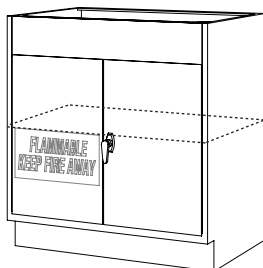
- Solid hinged doors
- Adjustable shelf
- Chemical resistant .25" (6mm) polyresin lining and shelf surface
- Doors are lined with .125" (3mm) thick polyethylene

Width	Product No.
30" (762mm)	970X5720
36" (914mm)	970X6720
48" (1219mm)	970X8720



**Base Units – ADA Height – 32.25" (819mm) High By 21.125" (537mm) Deep****Flammable Storage Units**

- UL listed
- Rear access panel is included
- Two 2" (51mm) diameter pipe threaded vent outlets on back
- Shelves are adjustable in .50" (13mm) increments
- Standard with locks
- The NFPA 30 standard calls for sealed bungs in flammable storage units
- To specify flush overlay, add "F" after "X" (Example: 100XF1320)
- To specify wood fronts, add "W" after "X" (Example: 100XW1320)

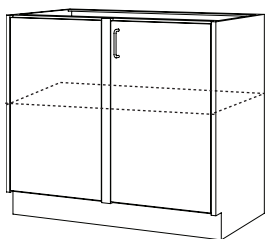
Flammable Storage Units

- Solid hinged doors
- Adjustable shelf
- Manual close doors

Width	Capacity	Product No.
30" (762mm)	15 gal (56.8L)	956X8021
36" (914mm)	18 gal (68.1L)	956X8031
42" (1067mm)	24 gal (90.8L)	956X8041
48" (1219mm)	27 gal (102.2L)	956X8051

- Solid hinged doors
- Adjustable shelf
- Self-closing doors

Width	Capacity	Product No.
30" (762mm)	15 gal (56.8L)	956X8121
36" (914mm)	18 gal (68.1L)	956X8131
42" (1067mm)	24 gal (90.8L)	956X8141
48" (1219mm)	27 gal (102.2L)	956X8151

Corner Units

- Cupboard on the right, solid hinged door (shown)
- Inset panel on the left

Width	Product No.
36" (914mm)	220X6720
42" (1067mm)	220X7720
48" (1219mm)	220X8720

- Cupboard on the left, solid hinged door
- Inset panel on the right

Width	Product No.
36" (914mm)	221X6720
42" (1067mm)	221X7720
48" (1219mm)	221X8720



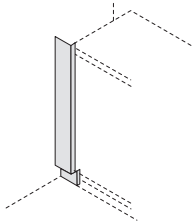


Filler Panels and Scribes

Fillers Panels and Scribes for Base Units

- Concealed clips attach filler panel to base cabinet
- Fillers and scribes can be trimmed during installation for a precise fit

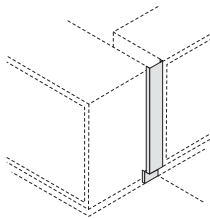
End Fillers



- End Scribe
- For base cabinet adjacent to wall

Width	Height		
	34.75" (883mm)	29.75" (692mm)	32.25" (819mm)
1" (25mm)	600X2320	600X2220	600X2720
2" (51mm)	600X2322	600X2222	600X2722
3" (76mm)	600X2323	600X2223	600X2723
4" (102mm)	600X2324	600X2224	600X2724
5" (127mm)	600X2325	600X2225	600X2725

Rear Filler Panels for Sink Units



- Rear filler for sink units
- For adjacent base units

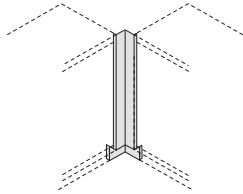
Width	Height	
	34.75 (883mm)	32.25 (819mm)
1.375" (35mm)	614X3120	614X3170
2.375" (60mm)	614X3220	614X3270
3.375" (86mm)	614X3320	614X3370
7.375" (187mm)	614X3420	614X3470





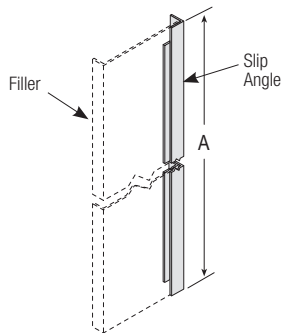
Filler Panels and Scribes

Corner Fillers



Width	Height		
	34.75" (883mm)	29.75" (756mm)	32.25" (819mm)
1" x 1" – 5" (25mm) x (25mm) – (127mm)	607X1320	607X1220	607X1520
2" x 2" – 5" (51mm) x (51mm) – (127mm)	607X2320	607X2220	607X2520
12" x 12" – 17" (305mm) x (305mm) – (432mm)	607X0320	607X0220	607X0520

Slip Angles



- Conceals trimmed edges
- Attach to wall or adjacent unit

Width	Height		
	34.75" (883mm)	29.75" (756mm)	32.25" (819mm)
.75" (19mm)	608X1330	608X1230	608X1730

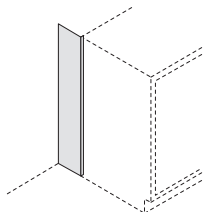




Hamilton Laboratory Solutions Panorama Laboratory Furniture

Filler Panels and Scribes

Rear Filler Panels



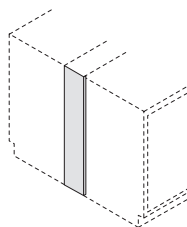
- Rear filler panel for inset steel units
- For closing service space at rear of base units

Depth	Height		
	34.75" (883mm)	29.75" (756mm)	32.25" (819mm)
7.875" (187mm)	610X4320	610X4220	610X4720
9.25" (235mm)	610X5320	610X5220	610X5720
12.625" (321mm)	610X6320	610X6220	610X6720
13.875" (352mm)	610X7320	610X7220	610X7720
19.875" (505mm)	610X8320	610X8220	610X8720

- Rear filler panel for overlay units
- For closing service space at rear of base units

Depth	Height		
	34.75" (883mm)	29.75" (756mm)	32.25" (819mm)
7" (178mm)	611X4320	611X4220	611X4720
8.375" (213mm)	611X5320	611X5220	611X5720
11.75" (298mm)	611X6320	611X6220	611X6720
13" (330mm)	611X7320	611X7220	611X7720
19" (483mm)	611X8320	611X8220	611X8720

Center Filler Panels



- Center filler panel for inset steel units
- For back-to-back base units

Width	Height		
	34.75" (883mm)	29.75" (756mm)	32.25" (819mm)
9.75" (248mm)	617X0320	617X0220	617X0720
15.75" (400mm)	617X1320	617X1220	617X1720
21.75" (552mm)	617X4320	617X4220	617X4720
27.75" (705mm)	617X8320	617X8220	617X8720

- Center filler panel for overlay steel units
- For back-to-back base units

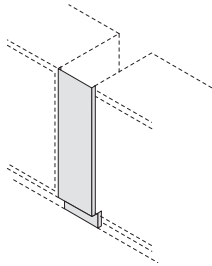
Width	Height		
	34.75" (883mm)	29.75" (756mm)	32.25" (819mm)
8.00" (203mm)	618X0320	618X0220	618X0720
14.00" (356mm)	618X1320	618X1220	618X1720
20.00" (508mm)	618X4320	618X4220	618X4720
26.00" (660mm)	618X8320	618X8220	618X8720





Filler Panels and Scribes

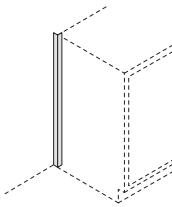
Front Filler Panels



- For adjacent base units

Width	Height		
	34.75" (883mm)	29.75" (756mm)	32.25" (819mm)
6" (152mm)	614X6306	614X6206	614X6706
8" (203mm)	614X6308	614X6208	614X6708
10" (254mm)	614X6310	614X6210	614X6710
12" (305mm)	614X6312	614X6212	614X6712
14" (356mm)	614X6314	614X6214	614X6714
16" (406mm)	614X6316	614X6216	614X6716
18" (457mm)	614X6318	614X6218	614X6718

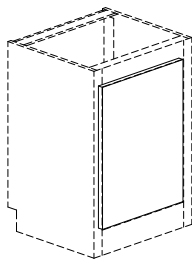
Rear Scribes



- For base units adjacent to wall

Width	Height		
	34.75" (883mm)	29.75" (756mm)	32.25" (819mm)
1" (25mm)	618X0340	618X0240	618X0740
2" (51mm)	618X0330	618X0230	618X0730
3" (76mm)	618X0350	618X0250	618X0750

Finished Backs



Width	Height		
	34.75" (883mm)	29.75" (756mm)	32.25" (819mm)
15" (381mm)	531X1410	531X1310	531X1510
18" (457mm)	531X1420	531X1320	531X1520
21" (533mm)	531X1430	531X1330	531X1530
24" (610mm)	531X1440	531X1340	531X1540
30" (762mm)	531X1450	531X1350	531X1550
36" (914mm)	531X1460	531X1360	531X1560
42" (1067mm)	531X1470	531X1370	531X1570
48" (1219mm)	531X1480	531X1380	531X1580



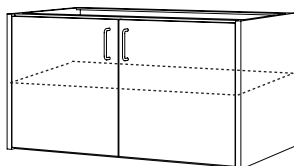


Suspended Units – 19.25" (489mm) High By 21.125" (537mm) Deep

Suspended Units

- To be used with table frames and cantilevered work surfaces
- Standard without locks; to specify locks on a unit with doors and/or drawers, replace the "0" with an "L" in the eight position of the product number
- Specify lock and security panel options using the Options Menus, pages 3-6
- To specify flush overlay, add "F" after "X" (Example: 100XF1320)
- To specify wood fronts, add "W" after "X" (Example: 100XW1320)

Door Units



- Solid hinged doors

Width	Product No.
30" (762mm)	563X5120
36" (914mm)	563X6120
42" (1067mm)	563X7120
48" (1219mm)	563X8120

Drawer Units



- One 3-mod (96mm) high drawer above two 6-mod (192mm) high drawers

Width	Product No.
15" (381mm)	570X1120
18" (457mm)	570X2120
21" (533mm)	570X3120
24" (610mm)	570X4120



- One 5-mod (160mm) high drawer above one 10-mod (320mm) high file drawer
- File drawer equipped with hanging file rails

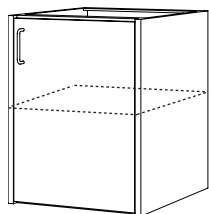
Width	Product No.
15" (381mm)	571X1120
18" (457mm)	571X2120





Suspended Units – 23" (584mm) High By 21.125" (537mm) Deep

Door Units

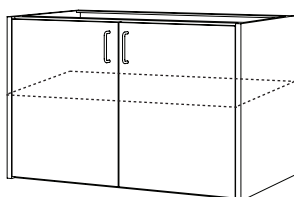


- Right-hinged, solid door (shown)
- Adjustable shelf

Width	Product No.
15" (381mm)	561X1220
18" (457mm)	561X2220
21" (533mm)	561X3220
24" (610mm)	561X4220

- Left-hinged, solid door
- Adjustable shelf

Width	Product No.
15" (381mm)	562X1220
18" (457mm)	562X2220
21" (533mm)	562X3220
24" (610mm)	562X4220



- Solid hinged doors
- Adjustable shelf

Width	Product No.
30" (762mm)	563X5220
36" (914mm)	563X6220
42" (1067mm)	563X7220
48" (1219mm)	563X8220

Drawer Units



- One 3-mod (96mm) high drawer above one 5-mod (160mm) high drawer above one 10-mod (320mm) high file drawer
- File drawer equipped with hanging file rails

Width	Product No.
15" (381mm)	580X1220
18" (457mm)	580X2220



- One 3-mod (96mm) high drawer above one 6-mod (192mm) high drawer above one 9-mod (288mm) high drawer

Width	Product No.
15" (381mm)	582X1220
18" (457mm)	582X2220
21" (533mm)	582X3220
24" (610mm)	582X4220





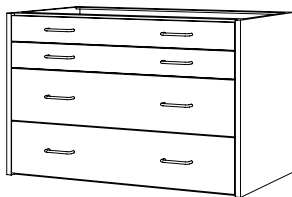
Suspended Units – 23" (584mm) High By 21.125" (537mm) Deep

Drawer Units



- Two 3-mod (96mm) high drawers above two 6-mod (192mm) high drawers

Width	Product No.
15" (381mm)	583X1220
18" (457mm)	583X2220
21" (533mm)	583X3220
24" (610mm)	583X4220



- Two 3-mod (96mm) high drawers above two 6-mod (192mm) high full width drawers

Width	Product No.
30" (762mm)	583X5220
36" (914mm)	583X6220
42" (1067mm)	583X7220
48" (1219mm)	583X8220



- Two 3-mod (96mm) high split drawers above one 3-mod (96mm) high full width drawer above Two 6-mod (192mm) high full width drawers

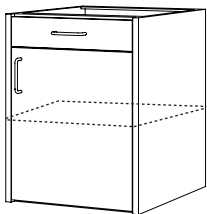
Width	Product No.
30" (762mm)	587X5220
36" (914mm)	587X6220
42" (1067mm)	587X7220
48" (1219mm)	587X8220



- Four 3-mod (96mm) high split drawers above four 6-mod (192mm) high split drawers

Width	Product No.
30" (762mm)	588X5220
36" (914mm)	588X6220
42" (1067mm)	588X7220
48" (1219mm)	588X8220



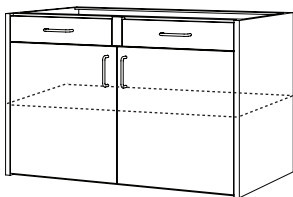
**Suspended Units – 23" (584mm) High By 21.125" (537mm) Deep****Combination Units**

- Right-hinged, solid door (shown)
- One 3-mod (96mm) high drawer above a cupboard

Width	Product No.
15" (381mm)	568X1220
18" (457mm)	568X2220
21" (533mm)	568X3220
24" (610mm)	568X4220

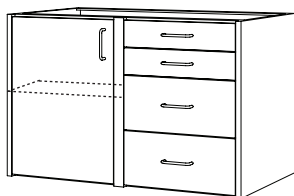
- Left-hinged, solid door
- One 3-mod (96mm) high drawer above a cupboard

Width	Product No.
15" (381mm)	569X1220
18" (457mm)	569X2220
21" (533mm)	569X3220
24" (610mm)	569X4220



- Two 3-mod (96mm) high split drawers above a cupboard
- Solid hinged doors

Width	Product No.
30" (762mm)	577X5220
36" (914mm)	577X6220
42" (1067mm)	577X7220
48" (1219mm)	577X8220



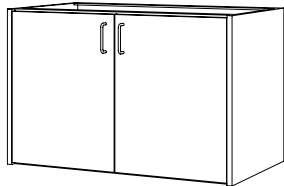
- Cupboard on the right, solid hinged door
- Two 3-mod (96mm) high drawers above two 6-mod (192mm) high drawers on the left
- Adjustable shelf

Width	Product No.
30" (762mm)	586X5220
36" (914mm)	586X6220
42" (1067mm)	586X7220
48" (1219mm)	586X8220

- Cupboard on the left, solid hinged door (shown)
- Two 3-mod (96mm) high drawers above two 6-mod (192mm) high drawers on the right
- Adjustable shelf

Width	Product No.
30" (762mm)	585X5220
36" (914mm)	585X6220
42" (1067mm)	585X7220
48" (1219mm)	585X8220



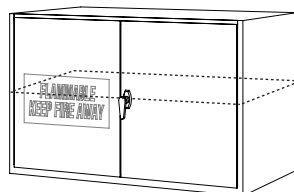
**Suspended Units – 23" (584mm) High By 21.125" (537mm) Deep****Sink Units**

- Solid hinged doors

Width	Product No.
30" (762mm)	592X5220
36" (914mm)	592X6220
42" (1067mm)	592X7220
48" (1219mm)	592X8220

Flammable Storage Units

- UL listed
- Rear access panel is included
- Two 2" (51mm) diameter pipe threaded vent outlets on back
- Shelves are adjustable in .50" (13mm) increments
- Standard with locks
- The NFPA 30 standard calls for sealed bungs in flammable storage units
- To specify flush overlay, add "F" after "X" (Example: 100XF1320)
- To specify wood fronts, add "W" after "X" (Example: 100XW1320)

Flammable Storage Units

- Solid hinged doors
- Manual close doors

Width	Capacity	Product No.
30" (762mm)	15 gal (56.8L)	956X7021
36" (914mm)	18 gal (68.1L)	956X7031
42" (1067mm)	24 gal (90.8L)	956X7041
48" (1219mm)	27 gal (102.2L)	956X7051

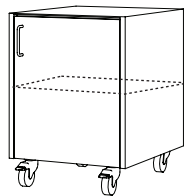
- Solid hinged doors
- Self closing doors

Width	Capacity	Product No.
30" (762mm)	15 gal (56.8L)	956X7121
36" (914mm)	18 gal (68.1L)	956X7131
42" (1067mm)	24 gal (90.8L)	956X7141
48" (1219mm)	27 gal (102.2L)	956X7151



**Mobile Units – 24.375" (619mm) High By 21.125" (537mm) Deep****Mobile Units**

- Drawers are equipped with an integral locking device that allows only one drawer at a time to be opened
- Drawers feature 100 lb, full extension drawer – no options
- Drawer units have anti-tip mechanism and counterweight
- Combination drawer/door units have a counterweight, but do not include an anti-tip mechanism
- Factory-installed heavy-duty swivel, locking 3" diameter casters, front non-swivel with locking brake and rear swivel; each load rated at 120 lbs.
- Shelves are adjustable in 1.26" (32 mm) increments
- Standard without locks; to specify door locks, replace the "0" with an "L" in the eighth position of the product number
- Specify lock options using the Options Menu, pages 3-6
- Finished painted steel top
- To specify flush overlay, add "F" after "X" (Example: 100XF1320)
- To specify wood fronts, add "W" after "X" (Example: 100XW1320)

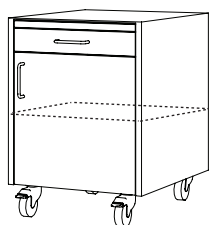
Door Units

- Right-hinged, solid door (shown)
- Adjustable shelf

Width	Product No.
18" (457mm)	902X2220
24" (610mm)	902X4220

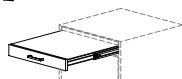
- Left-hinged, solid door
- Adjustable shelf

Width	Product No.
18" (457mm)	903X2220
24" (610mm)	903X4220



- Right-hinged, solid door (shown)
- Pull board above a cupboard

Width	Product No.
18" (457mm)	924X2220
24" (610mm)	924X4220



- Left-hinged, solid door
- Pull board above a cupboard

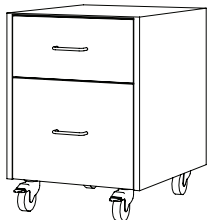
Width	Product No.
18" (457mm)	925X2220
24" (610mm)	925X4220





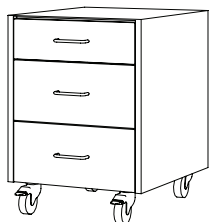
Mobile Units – 24.375" (619mm) High By 21.125" (537mm) Deep

Drawer Units



- One 6-mod (192mm) high drawer above one 10-mod (320mm) high file drawer
- File drawer is equipped with hanging file rails

Width	Product No.
15" (381mm)	930X1220
18" (457mm)	930X2220



- One 4-mod (128mm) high drawer above two 6-mod (192mm) high drawers

Width	Product No.
18" (457mm)	942X2220
24" (610mm)	942X4220



- One 4-mod (128mm) high full width drawer above two 6-mod (192mm) high full width drawers

Width	Product No.
30" (762mm)	942X5220



- Four 4-mod (128mm) high drawers

Width	Product No.
18" (457mm)	945X2220
24" (610mm)	945X4220



- Four 4-mod (128mm) high full width drawers

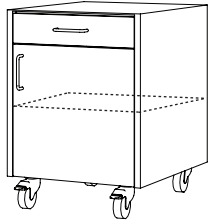
Width	Product No.
30" (762mm)	945X5220





Mobile Units – 24.375" (619mm) High By 21.125" (537mm) Deep

Combination Units



- Right-hinged, solid door (shown)
- One 3-mod (96mm) high drawer above a cupboard

Width	Product No.
18" (457mm)	936X2220
24" (610mm)	936X4220

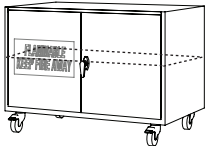
- Left-hinged, solid door
- One 3-mod (96mm) high drawer above a cupboard

Width	Product No.
18" (457mm)	937X2220
24" (610mm)	937X4220

Flammable Storage Units – 27" (662mm) High

- UL listed
- Factory-installed heavy-duty 3" diameter casters, front locking and rear swivel, each load rated at 120lbs.
- Rear access panel is included
- Two 2" (51mm) diameter pipe threaded vent outlets on back
- Shelves are adjustable in .50" (13mm) increments
- Standard with locks
- The NFPA 30 standard calls for sealed bungs in flammable storage units
- To specify flush overlay, add "F" after "X" (Example: 100XF1320)
- To specify wood fronts, add "W" after "X" (Example: 100XW1320)

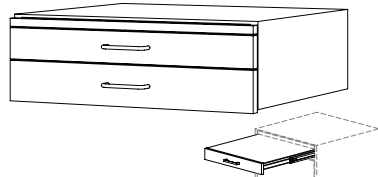
Flammable Units



- 34" (864mm) wide

	Capacity	Product No.
Manual closing doors	15 gal (56.8L)	956X7231
Self-closing doors	15 gal (56.8L)	956X7331

Add-a-Drawer



- Pull board above a 3-mod (96mm) high drawer*
- Mechanically fastens to the top of any 24.375" (619mm) high mobile unit to create a 32" (813mm) unit
- Standard without locks; to specify locks replace the "0" with an "L" in the eighth position of the product number
- Specify lock option using the Options Menu on pages 3-6 (Not available with security panels)
- Available as flush or radius overlay only

Width	Product No.
15" (381mm)	508X1220
18" (457mm)	508X2220
21" (533mm)	508X3220
24" (610mm)	508X4220
30" (762mm)	508X5220



- Two 3-mod (96mm) high drawer*
- Mechanically fastens to the top of any 24.375" (619mm) high mobile unit to create a 32" (813mm) unit
- Standard without locks; to specify locks replace the "0" with an "L" in the eighth position of the product number
- Specify lock option using the Options Menu on pages 3-6 (Not available with security panels)
- Available as flush or radius overlay only

Width	Product No.
15" (381mm)	509X1220
18" (457mm)	509X2220
21" (533mm)	509X3220
24" (610mm)	509X4220
30" (762mm)	509X5220

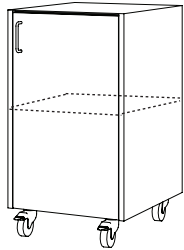
* If vertical grain match is required unit must be ordered as a non-standard together with the sitting height unit.





Mobile Units – 32" (813mm) High By 21.125" (537mm) Deep

Door Units

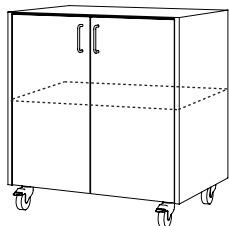


- Right-hinged, solid door (shown)
- Adjustable shelf

Width	Product No.
18" (457mm)	902X2320
24" (610mm)	902X4320

- Left-hinged, solid door
- Adjustable shelf

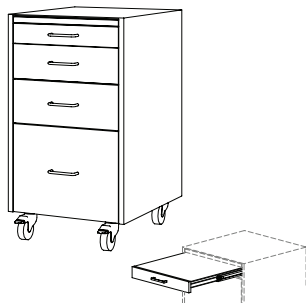
Width	Product No.
18" (457mm)	903X2320
24" (610mm)	903X4320



- Solid hinged doors
- Adjustable shelf

Width	Product No.
30" (762mm)	906X5320

Drawer Units



- One 4-mod (128mm) high drawer above one 5-mod (160mm) high drawer above one 10-mod (320mm) high file drawer
- File drawer is equipped with hanging file rails
- Pull board

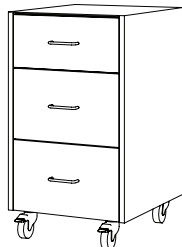
Width	31.875" (810mm)
15" (381mm)	933X1320
18" (457mm)	933X2320





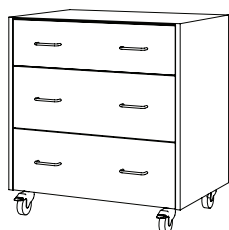
Mobile Units – 32" (813mm) High By 21.125" (537mm) Deep

Drawer Units



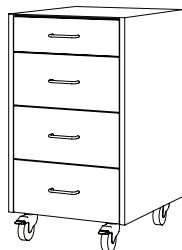
- One 6-mod (192mm) high drawer above two 8-mod (256mm) high drawers

Width	31.875" (810mm)
18" (457mm)	942X2320
24" (610mm)	942X4320



- One 6-mod (192mm) high full width drawer above two 8-mod (256mm) high full width drawers

Width	31.875" (810mm)
30" (762mm)	942X5320



- One 4-mod (128mm) high drawer above three 6-mod (192mm) high drawers

Width	31.875" (810mm)
18" (457mm)	945X2320
24" (610mm)	945X4320



- One 4-mod (128mm) high full width drawer above three 6-mod (192mm) high full width drawers

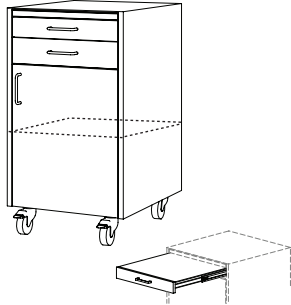
Width	31.875" (810mm)
30" (762mm)	945X5320





Mobile Units – 32" (813mm) High By 21.125" (537mm) Deep

Combination Units

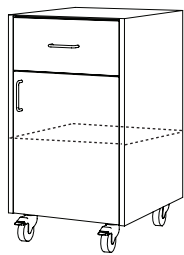


- Right-hinged, solid door (shown)
- Pull board above one 3-mod (96mm) high drawer above a cupboard
- Adjustable shelf

Width	Product No.
18" (457mm)	926X2320
24" (610mm)	926X4320

- Left-hinged, solid door
- Pull board above one 3-mod (96mm) high drawer above a cupboard
- Adjustable shelf

Width	Product No.
18" (457mm)	927X2320
24" (610mm)	927X4320

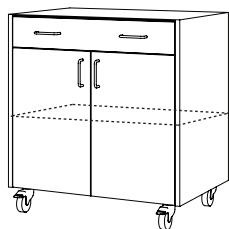


- Right-hinged, solid door (shown)
- One 6-mod (192mm) high drawer above a cupboard
- Adjustable shelf

Width	Product No.
18" (457mm)	936X2320
24" (610mm)	936X4320

- Left-hinged, solid door
- One 6-mod (192mm) high drawer above a cupboard
- Adjustable shelf

Width	Product No.
18" (457mm)	937X2320
24" (610mm)	937X4320



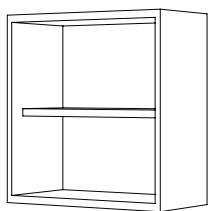
- Solid hinged doors
- One 4-mod (128mm) high full width drawer above a cupboard
- Adjustable shelf

Width	Product No.
30" (762mm)	946X5320



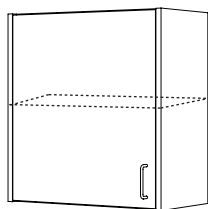
**Wall Units – 25.375" (645mm) High****Wall Units**

- Units are designed for task lights or finished bottoms
- Units have integral backs and fixed hanger rails
- 13" (330mm) deep wall units feature a 9.31" (237mm) deep shelf
- 16" (406mm) deep wall units feature a 12.31" (313mm) deep shelf
- Shelves are adjustable in 1.26" (32 mm) increments
- Doors are standard without locks; to specify a unit with door locks, replace the "0" with an "L" in the eighth position of the product number
- Specify lock options using the Options Menu, pages 3-6
- To specify flush overlay, add "F" after "X" (Example: 100XF1320)
- To specify wood fronts, add "W" after "X" (Example: 100XW1320)

Open Units

- Adjustable shelf

Width	Depth	
	13" (330mm)	16" (406mm)
15" (381mm)	700X1230	700X1260
18" (457mm)	700X2230	700X2260
21" (533mm)	700X3230	700X3260
24" (610mm)	700X4230	700X4260
30" (762mm)	700X5230	700X5260
36" (914mm)	700X6230	700X6260
42" (1067mm)	700X7230	700X7260
48" (1219mm)	700X8230	700X8260

Solid Swinging Door Units

- Right-hinged, solid door
- Adjustable shelf

Width	Depth	
	13" (330mm)	16" (406mm)
15" (381mm)	702X1230	702X1260
18" (457mm)	702X2230	702X2260
21" (533mm)	702X3230	702X3260
24" (610mm)	702X4230	702X4260

- Left-hinged, solid door (shown)
- Adjustable shelf

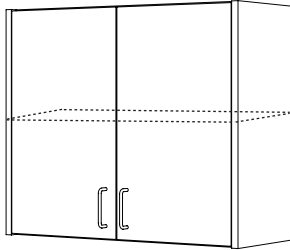
Width	Depth	
	13" (330mm)	16" (406mm)
15" (381mm)	703X1230	703X1260
18" (457mm)	703X2230	703X2260
21" (533mm)	703X3230	703X3260
24" (610mm)	703X4230	703X4260





Wall Units – 25.375" (645mm) High

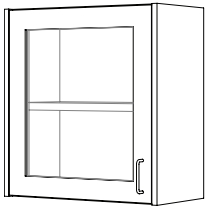
Solid Swinging Door Units



- Solid hinged doors
- Adjustable shelf

Width	Depth	
	13" (330mm)	16" (406mm)
30" (762mm)	706X5230	706X5260
36" (914mm)	706X6230	706X6260
42" (1067mm)	706X7230	706X7260
48" (1219mm)	706X8230	706X8260

Framed Glass Swinging Door Units

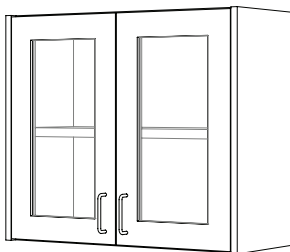


- Right-hinged, framed glass door
- Adjustable shelf

Width	Depth	
	13" (330mm)	16" (406mm)
15" (381mm)	708X1230	708X1260
18" (457mm)	708X2230	708X2260
21" (533mm)	708X3230	708X3260
24" (610mm)	708X4230	708X4260

- Left-hinged, framed glass door (shown)
- Adjustable shelf

Width	Depth	
	13" (330mm)	16" (406mm)
15" (381mm)	709X1230	709X1260
18" (457mm)	709X2230	709X2260
21" (533mm)	709X3230	709X3260
24" (610mm)	709X4230	709X4260



- Framed glass hinged doors
- Adjustable shelf

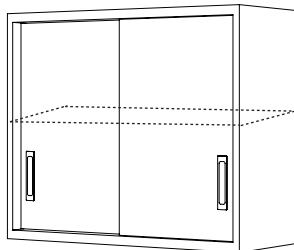
Width	Depth	
	13" (330mm)	16" (406mm)
30" (762mm)	712X5230	712X5260
36" (914mm)	712X6230	712X6260
42" (1067mm)	712X7230	712X7260
48" (1219mm)	712X8230	712X8260





Wall Units – 25.375" (645mm) High

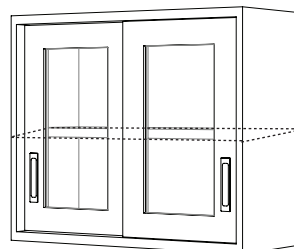
Solid Sliding Door Units



- Solid sliding doors
- Adjustable shelf

Width	Depth	
	13" (330mm)	16" (406mm)
30" (762mm)	715X5230	715X5260
36" (914mm)	715X6230	715X6260
42" (1067mm)	715X7230	715X7260
48" (1219mm)	715X8230	715X8260

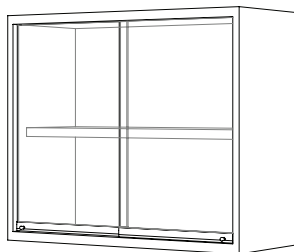
Framed Glass Sliding Door Units



- Framed glass sliding doors
- Adjustable shelf

Width	Depth	
	13" (330mm)	16" (406mm)
30" (762mm)	718X5230	718X5260
36" (914mm)	718X6230	718X6260
42" (1067mm)	718X7230	718X7260
48" (1219mm)	718X8230	718X8260

Unframed Glass Sliding Door Units



- Unframed glass sliding doors
- Adjustable shelf

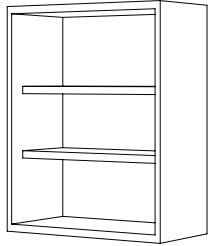
Width	Depth	
	13" (330mm)	16" (406mm)
30" (762mm)	722X5230	722X5260
36" (914mm)	722X6230	722X6260
42" (1067mm)	722X7230	722X7260
48" (1219mm)	722X8230	722X8260





Wall Units – 30.375" (772mm) High

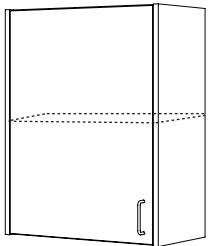
Open Units



- Two adjustable shelves

Width	Depth	
	13" (330mm)	16" (406mm)
15" (381mm)	700X1330	700X1360
18" (457mm)	700X2330	700X2360
21" (533mm)	700X3330	700X3360
24" (610mm)	700X4330	700X4360
30" (762mm)	700X5330	700X5360
36" (914mm)	700X6330	700X6360
42" (1067mm)	700X7330	700X7360
48" (1219mm)	700X8330	700X8360

Solid Swinging Door Units

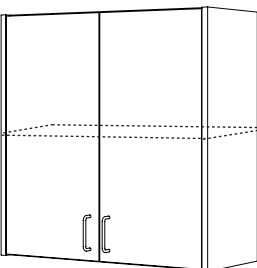


- Right-hinged, solid door
- Two adjustable shelves

Width	Depth	
	13" (330mm)	16" (406mm)
15" (381mm)	702X1330	702X1360
18" (457mm)	702X2330	702X2360
21" (533mm)	702X3330	702X3360
24" (610mm)	702X4330	702X4360

- Left-hinged, solid door (shown)
- Two adjustable shelves

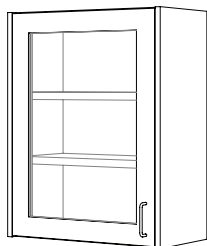
Width	Depth	
	13" (330mm)	16" (406mm)
15" (381mm)	703X1330	703X1360
18" (457mm)	703X2330	703X2360
21" (533mm)	703X3330	703X3360
24" (610mm)	703X4330	703X4360



- Solid hinged doors
- Two adjustable shelves

Width	Depth	
	13" (330mm)	16" (406mm)
30" (762mm)	706X5330	706X5360
36" (914mm)	706X6330	706X6360
42" (1067mm)	706X7330	706X7360
48" (1219mm)	706X8330	706X8360



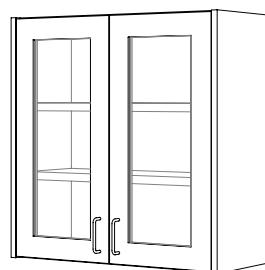
**Wall Units – 30.375" (772mm) High****Framed Glass Swinging Door Units**

- Right-hinged, framed glass door
- Two adjustable shelves

Width	Depth	
	13" (330mm)	16" (406mm)
15" (381mm)	708X1330	708X1360
18" (457mm)	708X2330	708X2360
21" (533mm)	708X3330	708X3360
24" (610mm)	708X4330	708X4360

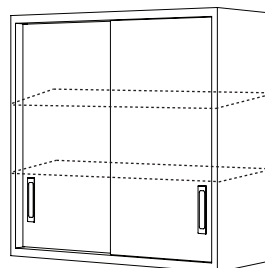
- Left-hinged, framed glass door (shown)
- Two adjustable shelves

Width	Depth	
	13" (330mm)	16" (406mm)
15" (381mm)	709X1330	709X1360
18" (457mm)	709X2330	709X2360
21" (533mm)	709X3330	709X3360
24" (610mm)	709X4330	709X4360



- Framed glass hinged doors
- Two adjustable shelves

Width	Depth	
	13" (330mm)	16" (406mm)
30" (762mm)	712X5330	712X5360
36" (914mm)	712X6330	712X6360
42" (1067mm)	712X7330	712X7360
48" (1219mm)	712X8330	712X8360

Solid Sliding Door Units

- Solid sliding doors
- Two adjustable shelves

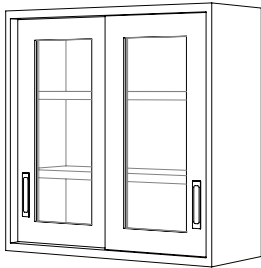
Width	Depth	
	13" (330mm)	16" (406mm)
30" (762mm)	715X5330	715X5360
36" (914mm)	715X6330	715X6360
42" (1067mm)	715X7330	715X7360
48" (1219mm)	715X8330	715X8360





Wall Units – 30.375" (772mm) High

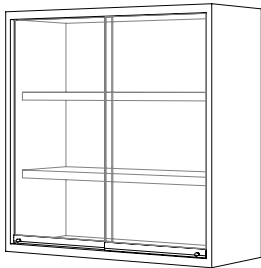
Framed Glass Sliding Door Units



- Framed glass sliding doors
- Two adjustable shelves

Width	Depth	
	13" (330mm)	16" (406mm)
30" (762mm)	718X5330	718X5360
36" (914mm)	718X6330	718X6360
42" (1067mm)	718X7330	718X7360
48" (1219mm)	718X8330	718X8360

Unframed Glass Sliding Door Units



- Unframed glass sliding doors
- Two adjustable shelves

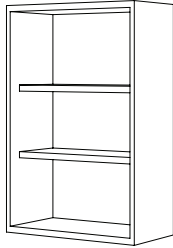
Width	Depth	
	13" (330mm)	16" (406mm)
30" (762mm)	722X5330	722X5360
36" (914mm)	722X6330	722X6360
42" (1067mm)	722X7330	722X7360
48" (1219mm)	722X8330	722X8360





Wall Units – 36.75" (933mm) High

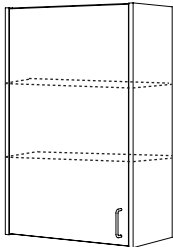
Open Units



- Two adjustable shelves

Width	Depth	
	13" (330mm)	16" (406mm)
15" (381mm)	700X1530	700X1560
18" (457mm)	700X2530	700X2560
21" (533mm)	700X3530	700X3560
24" (610mm)	700X4530	700X4560
30" (762mm)	700X5530	700X5560
36" (914mm)	700X6530	700X6560
42" (1067mm)	700X7530	700X7560
48" (1219mm)	700X8530	700X8560

Solid Swinging Door Units

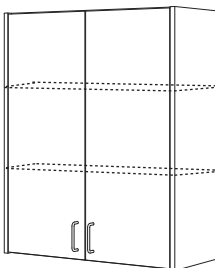


- Right-hinged, solid door
- Two adjustable shelves

Width	Depth	
	13" (330mm)	16" (406mm)
15" (381mm)	702X1530	702X1560
18" (457mm)	702X2530	702X2560
21" (533mm)	702X3530	702X3560
24" (610mm)	702X4530	702X4560

- Left-hinged, solid door (shown)
- Two adjustable shelves

Width	Depth	
	13" (330mm)	16" (406mm)
15" (381mm)	703X1530	703X1560
18" (457mm)	703X2530	703X2560
21" (533mm)	703X3530	703X3560
24" (610mm)	703X4530	703X4560



- Solid hinged doors
- Two adjustable shelves

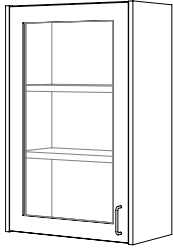
Width	Depth	
	13" (330mm)	16" (406mm)
30" (762mm)	706X5530	706X5560
36" (914mm)	706X6530	706X6560
42" (1067mm)	706X7530	706X7560
48" (1219mm)	706X8530	706X8560





Wall Units – 36.75" (933mm) High

Framed Glass Swinging Door Units



- Right-hinged, framed glass door
- Two adjustable shelves

Width	Depth	
	13" (330mm)	16" (406mm)
15" (381mm)	708X1530	708X1560
18" (457mm)	708X2530	708X2560
21" (533mm)	708X3530	708X3560
24" (610mm)	708X4530	708X4560

- Left-hinged, framed glass door (shown)
- Two adjustable shelves

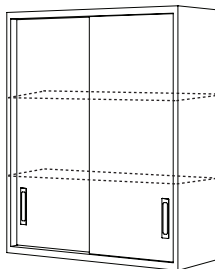
Width	Depth	
	13" (330mm)	16" (406mm)
15" (381mm)	709X1530	709X1560
18" (457mm)	709X2530	709X2560
21" (533mm)	709X3530	709X3560
24" (610mm)	709X4530	709X4560



- Framed glass hinged doors
- Two adjustable shelves

Width	Depth	
	13" (330mm)	16" (406mm)
30" (762mm)	712X5530	712X5560
36" (914mm)	712X6530	712X6560
42" (1067mm)	712X7530	712X7560
48" (1219mm)	712X8530	712X8560

Solid Sliding Door Units



- Solid sliding doors
- Two adjustable shelves

Width	Depth	
	13" (330mm)	16" (406mm)
30" (762mm)	715X5530	715X5560
36" (914mm)	715X6530	715X6560
42" (1067mm)	715X7530	715X7560
48" (1219mm)	715X8530	715X8560



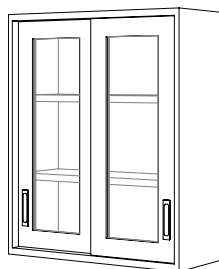


Hamilton Laboratory Solutions Panorama Laboratory Furniture

Wall Units

Wall Units – 36.75" (933mm) High

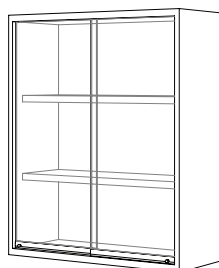
Framed Glass Sliding Door Units



- Framed glass sliding doors
- Two adjustable shelves

Width	Depth	
	13" (330mm)	16" (406mm)
30" (762mm)	718X5530	718X5560
36" (914mm)	718X6530	718X6560
42" (1067mm)	718X7530	718X7560
48" (1219mm)	718X8530	718X8560

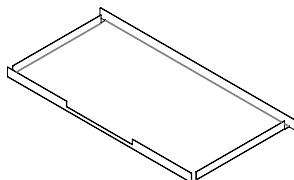
Unframed Glass Sliding Door Units



- Unframed glass sliding doors
- Two adjustable shelves

Width	Depth	
	13" (330mm)	16" (406mm)
30" (762mm)	722X5530	722X5560
36" (914mm)	722X6530	722X6560
42" (1067mm)	722X7530	722X7560
48" (1219mm)	722X8530	722X8560

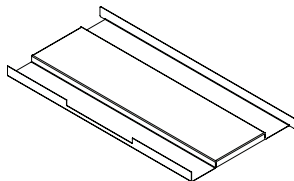
Wall Unit Bottoms, Flush



- Flush bottom for wall unit

Width	Depth	
	13" (330mm)	16" (406mm)
15" (381mm)	536X1010	537X1010
18" (457mm)	536X1020	537X1020
21" (533mm)	536X1030	537X1030
24" (610mm)	536X1040	537X1040
30" (762mm)	536X1050	537X1050
36" (914mm)	536X1060	537X1060
42" (1067mm)	536X1070	537X1070
48" (1219mm)	536X1080	537X1080

Wall Unit Bottoms with Task Light Recess



- Flush bottom for wall unit with a task light

Width	Depth	
	13" (330mm)	16" (406mm)
15" (381mm)	538X1010	539X1010
18" (457mm)	538X1020	539X1020
21" (533mm)	538X1030	539X1030
24" (610mm)	538X1040	539X1040
30" (762mm)	538X1050	539X1050
36" (914mm)	538X1060	539X1060
42" (1067mm)	538X1070	539X1070
48" (1219mm)	538X1080	539X1080



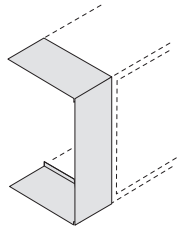


Filler Panels and Scribes

Filler Panels and Scribes

- Fillers and scribes can be cut to size in the field
- Concealed clips attach fillers and scribes to cases
- Fillers and scribes for tall cases can be used on right or left side

Front Filler Panel



- For wall unit (with level top) adjacent to wall or another wall unit
- 13" (330mm) deep

Width	Height		
	25.375" (645mm)	30.375" (772mm)	36.75" (933mm)
1" (25mm)	601X1230	601X1330	601X1530
4" (102mm)	601X4230	601X4330	601X4530
5" (127mm)	601X5230	601X5330	601X5530
6" (152mm)	601X6230	601X6330	601X6530
8" (203mm)	601X8230	601X8330	601X8530
10" (254mm)	613X0230	613X0330	613X0530
12" (305mm)	613X2230	613X2330	613X2530

- For wall unit (with level top) adjacent to wall or another wall unit
- 16" (406mm) deep

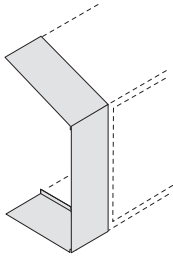
Width	Height		
	25.375" (645mm)	30.375" (772mm)	36.75" (933mm)
1" (25mm)	601X1260	601X1360	601X1560
4" (102mm)	601X4260	601X4360	601X4560
5" (127mm)	601X5260	601X5360	601X5560
6" (152mm)	601X6260	601X6360	601X6560
8" (203mm)	601X8260	601X8360	601X8560
10" (254mm)	613X0260	613X0360	613X0560
12" (305mm)	613X2260	613X2360	613X2560





Filler Panels and Scribes

Front Filler Panel with Sloping Top



- For wall unit (with sloping top) adjacent to wall or another wall unit
- 13" (330mm) deep

Width	Height		
	25.375" (645mm)	30.375" (772mm)	36.75" (933mm)
1" (25mm)	602X1230	602X1330	602X1530
4" (102mm)	602X4230	602X4330	602X4530
5" (127mm)	602X5230	602X5330	602X5530
6" (152mm)	602X6230	602X6330	602X6530
8" (203mm)	602X8230	602X8330	602X8530
10" (254mm)	612X0230	612X0330	612X0530
12" (305mm)	612X2230	612X2330	612X2530

- For wall unit (with sloping top) adjacent to wall or another wall unit
- 16" (406mm) deep

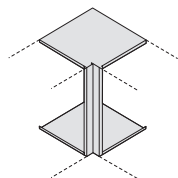
Width	Height		
	25.375" (645mm)	30.375" (772mm)	36.75" (933mm)
1" (25mm)	602X1260	602X1360	602X1560
4" (102mm)	602X4260	602X4360	602X4560
5" (127mm)	602X5260	602X5360	602X5560
6" (152mm)	602X6260	602X6360	602X6560
8" (203mm)	602X8260	602X8360	602X8560
10" (254mm)	612X0260	612X0360	612X0560
12" (305mm)	612X2260	612X2360	612X2560





Filler Panels and Scribes

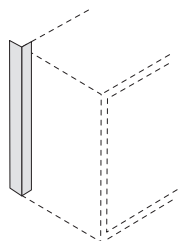
Corner Filler



- For wall unit (with level top) joined at right angles
- 2" (51mm) visible face each side

For Unit Heights	Depth	
	13" (330mm)	16" (406mm)
25.375" (645mm)	608X3230	608X3260
30.375" (772mm)	608X3330	608X3360
36.75" (933mm)	608X3530	608X3560

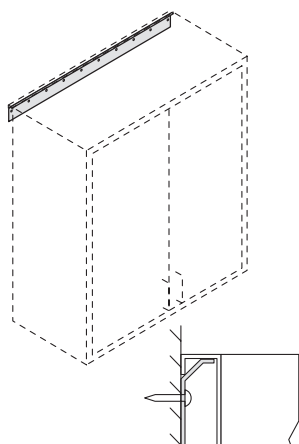
Rear Filler



- For wall units adjacent to wall

Height	Product No.
25.375" (645mm)	618X0260
30.375" (772mm)	618X0360
36.75" (933mm)	618X0560

Wall Mounting Brackets



Width	Product No.
15" (381mm)	531X0150
18" (457mm)	531X0180
21" (533mm)	531X0210
24" (610mm)	531X0240
30" (762mm)	531X0300
36" (914mm)	531X0360
42" (1067mm)	531X0420
48" (1219mm)	531X0480



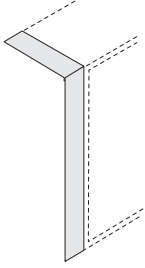


Filler Panels and Finished Backs

Filler Panels and Finished Backs

- Fillers can be cut to size in the field
- Concealed clips attach fillers and scribes to cases
- For cases 49.25" (1251mm) high
- Fillers can be used on right or left side

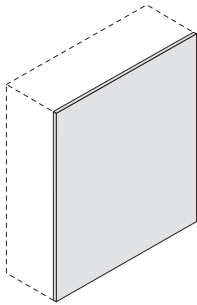
End Filler Panel



- For upper unit (with level top) adjacent to wall

Width	Depth	
	13" (330mm)	16" (406mm)
1" (25mm)	603X1630	603X1660
4" (102mm)	603X4630	603X4660
5" (127mm)	603X5630	603X5660
6" (152mm)	603X6630	603X6660
8" (203mm)	603X8630	603X8660
10" (254mm)	616X0630	616X0660
12" (305mm)	616X2630	616X2660

Finished Backs



- .75" (19mm) thick
- 48" (1219mm) wide back has a centered vertical seam

Width	Product No.
18" (457mm)	531X2600
24" (610mm)	531X4600
30" (762mm)	531X5600
36" (914mm)	531X6600
42" (1067mm)	531X7600
48" (1219mm)	531X8600





Hamilton Laboratory Solutions Panorama Laboratory Furniture

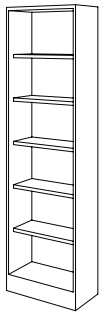
Tall Units

Tall Units – 85" (2159mm) High

Tall Units

- Recommendation: Attach tall cases to a structural support, wall blocking or floor
- Installation of tall cases under soffits requires a minimum height of 85.5" (2172mm) from the finished floor to finished soffit
- Five shelves are included with each unit
- 13" (330mm) deep wall units feature a 9.64" (245mm) deep shelf
- 16" (406mm) deep wall units feature a 12.64" (321mm) deep shelf
- 19" (483mm) deep wall units feature a 15.64" (397mm) deep shelf
- 21.125" (537mm) deep wall units feature a 17.56" (446mm) deep shelf
- Shelves are adjustable in 1.26" (32mm) increments
- Doors are standard without locks; to specify a unit with door locks, replace the "0" with an "L" in the eighth position of the product number
- Specify lock options using the Options Menu, pages 3-6
- To specify flush overlay, add "F" after "X" (Example: 100XF1320)
- To specify wood fronts, add "W" after "X" (Example: 100XW1320)

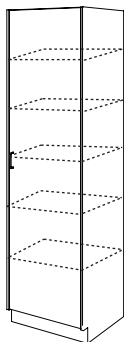
Open Units



- Five adjustable shelves
- 21.125" (537mm) units include toe space

Width	Depth		
	16" (406mm)	19" (483mm)	21.125" (537mm)
18" (457mm)	800X2960	800X2990	800X2920
24" (610mm)	800X4960	800X4990	800X4920
30" (762mm)	800X5960	800X5990	800X5920
36" (914mm)	800X6960	800X6990	800X6920
42" (1067mm)	800X7960	800X7990	800X7920
48" (1219mm)	800X8960	800X8990	800X8920

Solid Swinging Door Units



- Right-hinged, solid door (shown)
- Five adjustable shelves
- 21.125" (537mm) units include toe space

Width	Depth		
	16" (406mm)	19" (483mm)	21.125" (537mm)
18" (457mm)	802X2960	802X2990	802X2920
24" (610mm)	802X4960	802X4990	802X4920

- Left-hinged, solid door
- Five adjustable shelves
- 21.125" (537mm) units include toe space

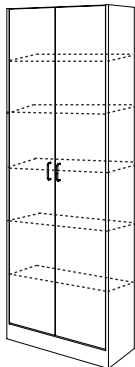
Width	Depth		
	16" (406mm)	19" (483mm)	21.125" (537mm)
18" (457mm)	803X2960	803X2990	803X2920
24" (610mm)	803X4960	803X4990	803X4920





Tall Units – 85" (2159mm) High

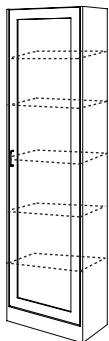
Solid Swinging Door Units



- Solid hinged doors
- Five adjustable shelves
- 21.125" (537mm) units include toe space

Width	Depth		
	16" (406mm)	19" (483mm)	21.125" (537mm)
30" (762mm)	806X5960	806X5990	806X5920
36" (914mm)	806X6960	806X6990	806X6920
42" (1067mm)	806X7960	806X7990	806X7920
48" (1219mm)	806X8960	806X8990	806X8920

Framed Glass Swinging Door Units

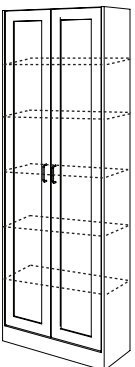


- Right-hinged, framed glass door (shown)
- Five adjustable shelves
- 21.125" (537mm) units include toe space

Width	Depth		
	16" (406mm)	19" (483mm)	21.125" (537mm)
18" (457mm)	808X2960	808X2990	808X2920
24" (610mm)	808X4960	808X4990	808X4920

- Left-hinged, framed glass door
- Five adjustable shelves
- 21.125" (537mm) units include toe space

Width	Depth		
	16" (406mm)	19" (483mm)	21.125" (537mm)
18" (457mm)	809X2960	809X2990	809X2920
24" (610mm)	809X4960	809X4990	809X4920



- Framed glass hinged doors
- Five adjustable shelves
- 21.125" (537mm) units include toe space

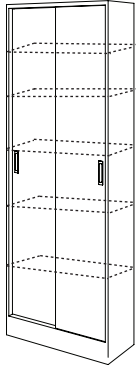
Width	Depth		
	16" (406mm)	19" (483mm)	21.125" (537mm)
30" (762mm)	812X5960	812X5990	812X5920
36" (914mm)	812X6960	812X6990	812X6920
42" (1067mm)	812X7960	812X7990	812X7920
48" (1219mm)	812X8960	812X8990	812X8920





Tall Units – 85" (2159mm) High

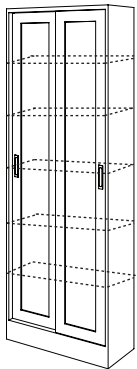
Solid Sliding Doors Units



- Solid sliding doors
- Five adjustable shelves
- 21.125" (537mm) units include toe space

Width	Depth		
	16" (406mm)	19" (483mm)	21.125" (537mm)
30" (762mm)	815X5960	815X5990	815X5920
36" (914mm)	815X6960	815X6990	815X6920
42" (1067mm)	815X7960	815X7990	815X7920
48" (1219mm)	815X8960	815X8990	815X8920

Framed Glass Sliding Doors Units



- Framed glass sliding doors
- Five adjustable shelves
- 21.125" (537mm) units include toe space

Width	Depth		
	16" (406mm)	19" (483mm)	21.125" (537mm)
30" (762mm)	818X5960	818X5990	818X5920
36" (914mm)	818X6960	818X6990	818X6920
42" (1067mm)	818X7960	818X7990	818X7920
48" (1219mm)	818X8960	818X8990	818X8920



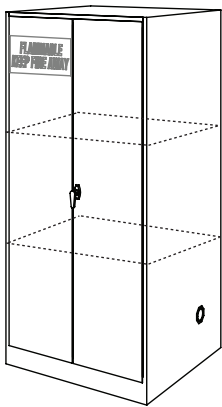


Tall Units – 63.35” (1609mm) High

Flammable Storage Units

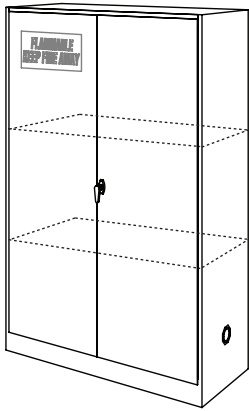
- UL listed
- Rear access panel is included
- Two 2" (51mm) diameter pipe threaded vent outlets on back
- Shelves are adjustable in .50" (13mm) increments
- Standard with locks
- The NFPA 30 standard calls for sealed bungs in flammable storage units
- To specify flush overlay, add "F" after "X" (Example: 100XF1320)
- To specify wood fronts, add "W" after "X" (Example: 100XW1320)

Flammable Storage Units



- Solid hinged doors
- Two adjustable shelves

		Depth
Width	Capacity	29" (737mm)
30" (762mm)	60 gal (227.1L)	956X8421



- Solid hinged doors
- Two adjustable shelves

		Depth
Width	Capacity	18" (457mm)
42" (1067mm)	45 gal (170.3L)	956X8441



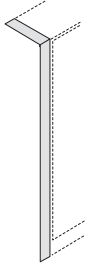


Filler Panels and Scribes, Finished Backs

Filler Panels and Scribes, Finished Backs

- Fillers and scribes can be cut to size in the field
- Concealed clips attach fillers and scribes to cases
- For cases 85" (2159mm) high
- Fillers and scribes for tall cases can be used on right or left side

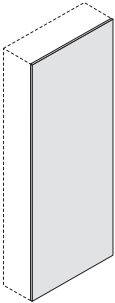
End Filler Panels



- 21.125" (537mm) filler panels include toe space

Width	Depth			
	13" (330mm)	16" (406mm)	19" (483mm)	21.125" (537mm)
1" (25mm)	605X1930	605X1960	605X1990	605X1920
6" (152mm)	605X6930	605X6960	605X6990	605X6920

Finished Backs



- .75" (19mm) thick
- 48" (1219mm) wide back has a centered vertical seam

Width	Product No.
18" (457mm)	531X2900
24" (610mm)	531X4900
30" (762mm)	531X5900
36" (914mm)	531X6900
42" (1067mm)	531X7900
48" (1219mm)	531X8900



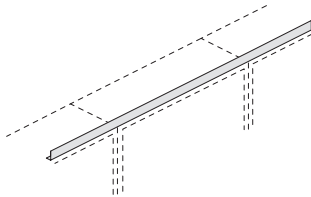


Unit Accessories

Ceiling Scribes, Enclosures, and Sloping Tops

- Fillers and scribes can be cut to size in the field
- Concealed clips attach fillers and scribes to cases
- Fillers and scribes for tall cases can be used on right or left side

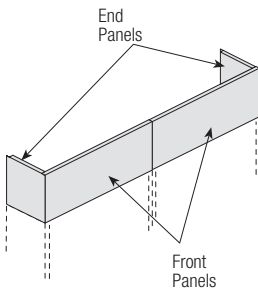
Ceiling Scribe



- Use to close space between wall cases and ceiling
- 1.375" (35mm) high

Width	Product No.
96" (2438mm)	618X0960

Ceiling Enclosures



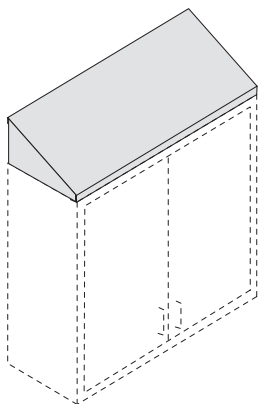
- End panel

Height	Depth			
	13" (330mm)	16" (406mm)	19" (483mm)	21.125" (537mm)
12" (305mm)	615X0130	615X0160	615X0190	615X0220
24" (610mm)	615X1130	615X1160	615X1190	615X1220

- Front panel

Height	Width	
	36" (914mm)	48" (1219mm)
12" (305mm)	615X0360	615X0480
24" (610mm)	615X1360	615X1480

Sloping Tops



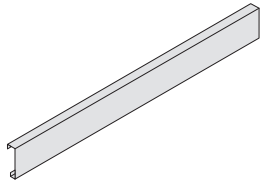
Width	Depth		
	13" (330mm)	16" (406mm)	21.125" (537mm)
15" (381mm)	532X1020	533X1020	N/A
18" (457mm)	532X1030	533X1030	535X1030
21" (533mm)	532X1040	533X1040	N/A
24" (610mm)	532X1050	533X1050	535X1050
30" (762mm)	532X1060	533X1060	535X1060
36" (914mm)	532X1070	533X1070	535X1070
42" (1067mm)	532X1080	533X1080	535X1080
48" (1219mm)	532X1090	533X1090	535X1090
60" (1524mm)	532X1110	533X1110	535X1110
72" (1829mm)	532X1130	533X1130	535X1130





Utility Tables & Drawer Frames

Knee Space Rails



- Use to close front of knee space area between two cabinets
- Attachment hardware is included
- Rail is 4.313" (110mm) high

Width	Product No.
24" (610mm)	500X4010
30" (762mm)	500X4020
36" (914mm)	500X4030
42" (1067mm)	500X4040
48" (1219mm)	500X4050
54" (1372mm)	500X4060
60" (1524mm)	500X4070
66" (1676mm)	500X4080
72" (1829mm)	500X4090



- Use to close front of knee space area between two cabinets
- Attachment hardware is included
- Rail is 2" (51mm) high
- Cannot be used with leg assemblies

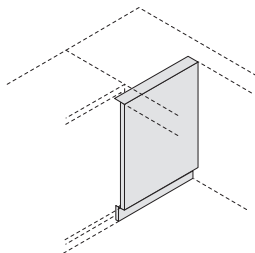
Width	Product No.
24" (610mm)	500X2010
30" (762mm)	500X2020
36" (914mm)	500X2030
42" (1067mm)	500X2040
48" (1219mm)	500X2050
54" (1372mm)	500X2060
60" (1524mm)	500X2070
66" (1676mm)	500X2080
72" (1829mm)	500X2090



- Use to close front of knee space area between two cabinets
- Attachment hardware is included
- Rail is 2" (51mm) high
- Can be used with leg assemblies

Width	Product No.
24" (610mm)	500X4110
30" (762mm)	500X4120
36" (914mm)	500X4130
42" (1067mm)	500X4140
48" (1219mm)	500X4150
54" (1372mm)	500X4160
60" (1524mm)	500X4170
66" (1676mm)	500X4180
72" (1829mm)	500X4190

Corner Knee Space Panels



- Use to close off corners
- Sized to mount under existeing knee space rails
- Attachment hardware is included

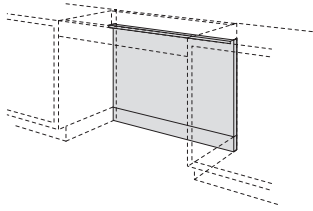
Width	Height		
	Standing height	Sitting height	ADA height
24" (610mm)	614X1230	614X1220	614X1270
30" (762mm)	614X1330	614X1320	614X1370





Utility Tables & Drawer Frames

Knee Space Panels



- Use to close rear of knee space between two cabinets
- Sized to mount under existing knee space rails
- Attachment hardware is included

Width	Height		
	Standing height	Sitting height	ADA height
24" (610mm)	616X4320	616X4220	616X4720
30" (762mm)	616X5320	616X5220	616X5720
36" (914mm)	616X6320	616X6220	616X6720
42" (1067mm)	616X7320	616X7220	616X7720
48" (1219mm)	616X8320	616X8220	616X8720
54" (1372mm)	616X0320	616X0220	616X0720
60" (1524mm)	616X9320	616X9220	616X9720
66" (1676mm)	616X1320	616X1220	616X1720
72" (1829mm)	616X2320	616X2220	616X2720

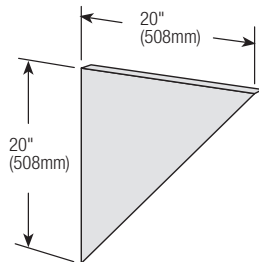
End Support Panels



- Use in place of legs on one end of knee space drawer frame
- Angles are bolted to panel for easy removal
- Attachment hardware is included

Depth	Height		
	Standing height	Sitting height	ADA height
21.125" (537mm)	525X3620	525X3020	525X3720
27.25" (692mm)	525X3680	525X3080	525X3780

Wall Bracket



- Used to support a knee space drawer frame cantilevered off a wall
- Attachment hardware is included

Product No.
526X1000



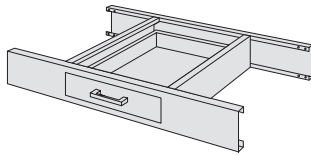


Utility Tables & Drawer Frames

Knee Space Drawer Frames

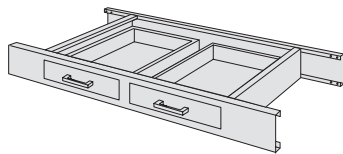
- Attachment hardware included
- Standard without locks; to specify a unit with drawer locks, replace the "0" with an "L" in the eighth position of the product number
- Specify lock options using the Options Menu, pages 3-6

Knee Space Drawer Frames



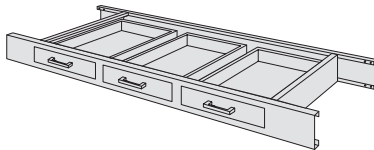
- One 3-mod (96mm) high drawer

Width	Depth	
	21.125" (537mm)	27.25" (692mm)
24" (610mm)	501X2210	501X2810
30" (762mm)	501X2220	501X2820
36" (914mm)	501X2230	501X2830



- Two 3-mod (96mm) high drawers

Width	Depth	
	21.125" (537mm)	27.25" (692mm)
36" (914mm)	502X2200	502X2800
42" (1067mm)	502X2210	502X2810
48" (1219mm)	502X2220	502X2820
54" (1372mm)	502X2230	502X2830



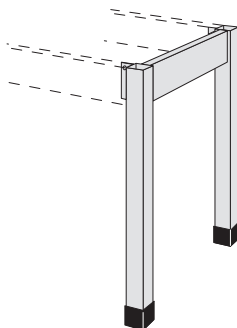
- Three 3-mod (96mm) high drawers

Width	Depth	
	21.125" (537mm)	27.25" (692mm)
60" (1524mm)	503X2210	503X2810
66" (1676mm)	503X2220	503X2820
72" (1829mm)	503X2230	503X2830

Leg Assemblies

- Legs include adjustable leveler glides and vinyl shoes
- Attachment hardware included

End Leg Assemblies



- Double end leg assembly

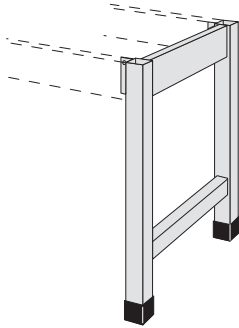
Depth	Height		
	Standing height	Sitting height	ADA height
21.125" (537mm)	522X3610	522X3010	522X3210
27.25" (692mm)	522X3620	522X3020	522X3220
33.25" (845mm)	522X3650	522X3050	522X3230
39.25" (997mm)	522X3630	522X3030	522X3240
45.25" (1149mm)	522X3640	522X3040	522X3250





Utility Tables & Drawer Frames

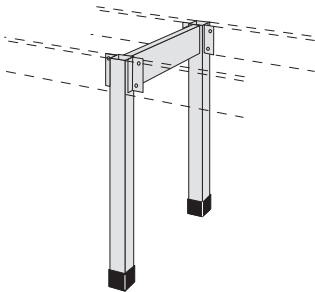
End Leg Assemblies



- Double end leg assembly with leg rail

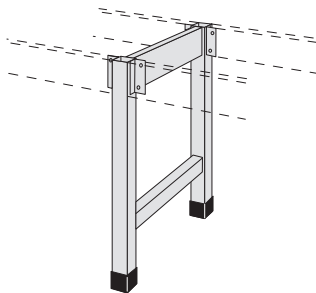
Depth	Height		
	Standing height	Sitting height	ADA height
21.125" (537mm)	522X4610	522X4010	522X4210
27.25" (692mm)	522X4620	522X4020	522X4220
33.25" (845mm)	522X4650	522X4050	522X4230
39.25" (997mm)	522X4630	522X4030	522X4240
45.25" (1149mm)	522X4640	522X4040	522X4250

Center Leg Assemblies



- Double center leg assembly

Depth	Height		
	Standing height	Sitting height	ADA height
21.125" (537mm)	523X3610	523X3010	523X3210
27.25" (692mm)	523X3620	523X3020	523X3220
33.25" (845mm)	523X3650	523X3050	523X3230
39.25" (997mm)	523X3630	523X3030	523X3240
45.25" (1149mm)	523X3640	523X3040	523X3250



- Double center leg assembly with leg rail

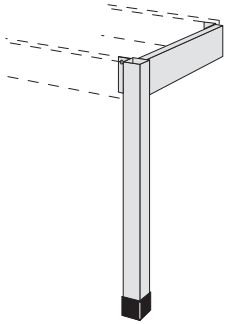
Depth	Height		
	Standing height	Sitting height	ADA height
21.125" (537mm)	523X4610	523X4010	523X4210
27.25" (692mm)	523X4620	523X4020	523X4220
33.25" (845mm)	523X4650	523X4050	523X4230
39.25" (997mm)	523X4630	523X4030	523X4240
45.25" (1149mm)	523X4640	523X4040	523X4250





Utility Tables & Drawer Frames

Single Leg Assemblies



- Single leg assembly

Depth	Height		
	Standing height	Sitting height	ADA height
21.125" (537mm)	524X3620	524X3020	524X3220
27.25" (692mm)	524X3680	524X3080	524X3280

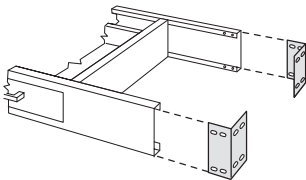
Leg with Caster



- Single leg with caster

	Product No.
without brake	531X3300
with brake	531X3310

End Support Angles



- End support angles
- Angles are designed to be used to attach a drawer frame to an adjacent unit for stability
- Use in pairs; one attaching at the front on the side, and the other at the rear on the side

	Height
	4.5" (114mm)
set of 2	527X4000



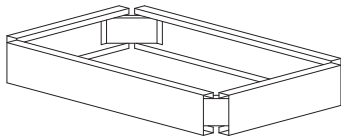


Utility Tables & Drawer Frames

Table Frames

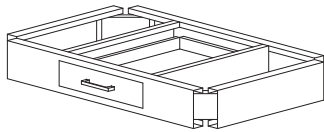
- To order leg rails and stretchers, see page 78
- To order work surfaces, see page 86
- To specify a unit with drawer locks, replace the "0" with an "L" to the eighth position of the product number
- Specify lock options using the Options Menu, pages 3-6

Table Frames without Drawers



Width of Table Top	Depth of Table Top	
	24" (610mm)	30" (762mm)
36" (914mm)	505X2200	505X2800
48" (1219mm)	505X2210	505X2810
66" (1676mm)	505X2220	505X2820
72" (1829mm)	505X2230	505X2830

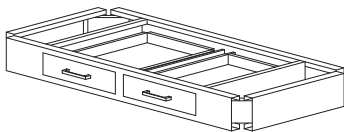
Table Frames with Drawer



- One 3-mod (96mm) high drawer

Width of Table Top	Depth of Table Top	
	24" (610mm)	30" (762mm)
36" (914mm)	506X2200	506X2800

Table Frames with Drawers



- Two 3-mod (96mm) high drawers

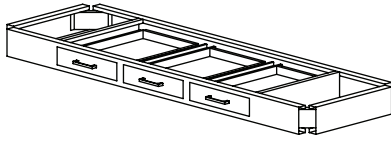
Width of Table Top	Depth of Table Top	
	24" (610mm)	30" (762mm)
48" (1219mm)	506X2210	506X2810
60" (1424mm)	506X2220	506X2820





Utility Tables & Drawer Frames

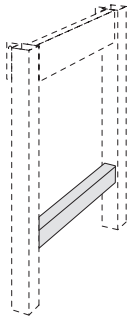
Table Frames with Drawers



- Three 3-mod (96mm) high drawers

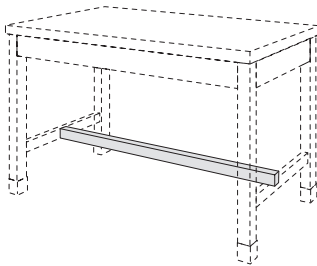
Width of Table Top	Depth of Table Top	
	24" (610mm)	30" (762mm)
72" (1829mm)	506X2230	506X2830

Leg Rails



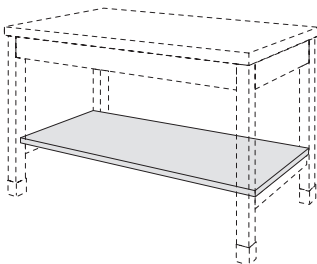
Leg Assembly Depth	Product No.
21.125" (537mm)	529X2200
27.25" (692mm)	529X2800
33.25" (845mm)	529X3400
39.25" (997mm)	529X4000
45.25" (1149mm)	529X4600

Leg Stretchers



Width of Table Top	Product No.
36" (914mm)	530X3360
48" (1219mm)	530X3480
60" (1524mm)	530X3600
72" (1829mm)	530X3720

Shelves for Utility Tables



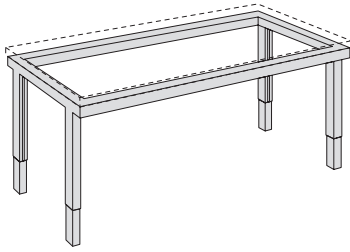
Width of Table Top	Depth of Table Top	
	24" (610mm)	30" (762mm)
36" (914mm)	530X2360	530X8360
48" (1219mm)	530X2480	530X8480
60" (1524mm)	530X2600	530X8600
72" (1829mm)	530X2720	530X8720





Utility Tables & Drawer Frames

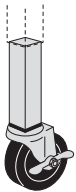
Four-Leg Adjustable Height Table Frames



- Height-adjustable from 28" (711mm) to 37.375 (949mm)
- Accepts suspended units for storage
- Optional storage shelf available
- Load rating, 600 lbs.
- Refer to core and/or panel assembly guidelines or maximum load ratings of support structure assemblies
- Space available for cabinetry equals table width less 6" (152mm)
- For levelers, add an "L" in the ninth position
- For casters, add a "C" in the ninth position

Width of Table Top	Depth of Table Top	
	24" (610mm)	30" (762mm)
24" (610mm)	250H3240_	250H9240_
30" (762mm)	250H3300_	250H9300_
36" (914mm)	250H3360_	250H9360_
48" (1219mm)	250H3480_	250H9480_
60" (1524mm)	250H3600_	250H9600_
72" (1829mm)	250H3720_	250H9720_

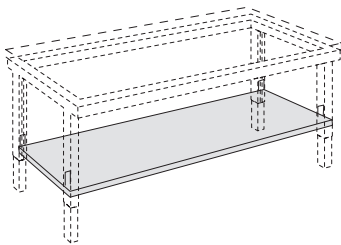
Caster Kit for Four-Leg Adjustable Height Table Frames



- For field-conversion of four-leg adjustable height tables to mobile tables
- Four 3" (76mm) diameter rubber-tired, hard-floor casters included with each order number

Product No.
900H2300

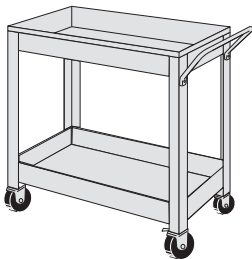
Shelf for Four-Leg Adjustable Height Tables



- Attaches to lower leg
- 150 lb. shelf capacity
- Clearance between shelf and frame after installation is 17.25" (445mm)

Width of Table Top	Depth of Table Top
	30" (762mm)
36" (914mm)	923H9360
48" (1219mm)	923H9480

Mobile Lab Cart



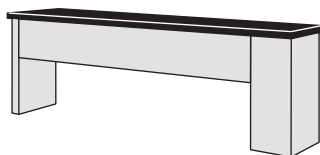
- Steel construction with dove gray finish
- Four rubber-tired casters
- Extended lead time
- 17" (432mm) wide





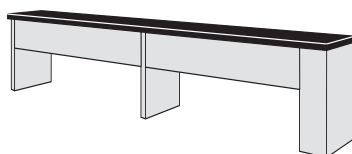
Reagent Shelves and Racks

Reagent Shelf Assemblies



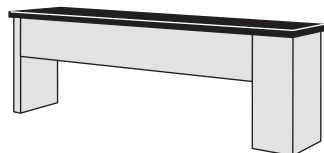
- 18.25" (464mm) high top
- 6" (152mm) aprons
- 1" (25mm) thick black epoxy resin top with 2" (51mm) overhang on ends
- Powder coated steel construction

Depth	Width		
	48" (1219mm)	60" (1524mm)	72" (1829mm)
8" (203mm)	24L88800	24L80800	24L82800
12" (305mm)	24L88200	24L80200	24L82200
16.5" (419mm)	24L88600	24L80600	24L82600



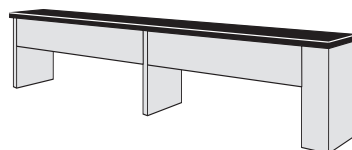
- 18.25" (464mm) high top
- 6" (152mm) aprons
- 1" (25mm) thick black epoxy resin top with 2" (51mm) overhang on ends
- Powder coated steel construction

Depth	Width		
	96" (2438mm)	120" (3048mm)	144" (3658mm)
8" (203mm)	24L86800	24L81800	24L84800
12" (305mm)	24L86200	24L81200	24L84200
16.5" (419mm)	24L86600	24L81600	24L84600



- 18.25" (464mm) high top
- 6" (152mm) aprons
- 1" (25mm) thick black epoxy resin top with 1" (25mm) overhang on ends
- Powder coated steel construction

Depth	Width		
	48" (1219mm)	60" (1524mm)	72" (1829mm)
8" (203mm)	24L83800	24L85800	24L87800
12" (305mm)	24L83200	24L85200	24L87200
16.5" (419mm)	24L83600	24L85600	24L87600



- 18.25" (464mm) high top
- 6" (152mm) aprons
- 1" (25mm) thick black epoxy resin top with 1" (25mm) overhang on ends
- Powder coated steel construction

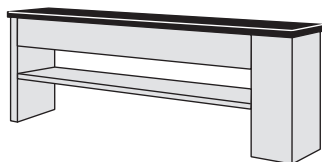
Depth	Width
	144" (3658mm)
8" (203mm)	24L89800
12" (305mm)	24L89200
16.5" (419mm)	24L89600





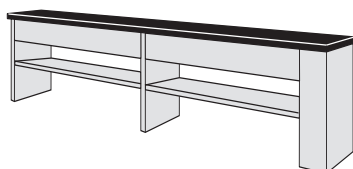
Reagent Shelves and Racks

Reagent Shelf Assemblies with Adjustable Shelf



- 23.75" (603mm) high top
- Adjustable steel shelf
- 6" (152mm) aprons
- 1" (25mm) thick black epoxy resin top with 2" (51mm) overhang on ends
- Powder coated steel construction

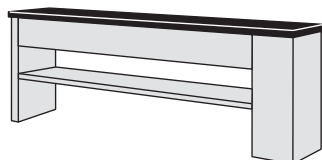
Depth	Width		
	48" (1219mm)	60" (1524mm)	72" (1829mm)
8" (203mm)	24L48800	24L40800	24L42800
12" (305mm)	24L48200	24L40200	24L42200
16.5" (419mm)	24L48600	24L40600	24L42600



- 23.75" (603mm) high top
- Adjustable steel shelf
- 6" (152mm) aprons
- 1" (25mm) thick black epoxy resin top with 2" (51mm) overhang on ends
- Powder coated steel construction

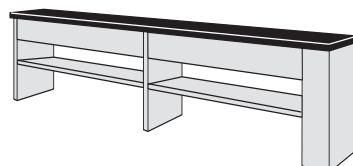
Depth	Width		
	96" (2438mm)	120" (3048mm)	144" (3658mm)
8" (203mm)	24L46800	24L41800	24L44800
12" (305mm)	24L46200	24L41200	24L44200
16.5" (419mm)	24L46600	24L41600	24L44600

Reagent Shelf Assemblies with Adjustable Shelf



- 23.75" (603mm) high top
- Adjustable steel shelf
- 6" (152mm) aprons
- 1" (25mm) thick black epoxy resin top with 1" (25mm) overhang on ends
- Powder coated steel construction

Depth	Width		
	48" (1219mm)	60" (1524mm)	72" (1829mm)
8" (203mm)	24L43800	24L45800	24L47800
12" (305mm)	24L43200	24L45200	24L47200
16.5" (419mm)	24L43600	24L45600	24L47600



- 23.75" (603mm) high top
- Adjustable steel shelf
- 6" (152mm) aprons
- 1" (25mm) thick black epoxy resin top with 1" (25mm) overhang on ends
- Powder coated steel construction

Depth	Width
	144" (3658mm)
8" (203mm)	24L49800
12" (305mm)	24L49200
16.5" (419mm)	24L49600



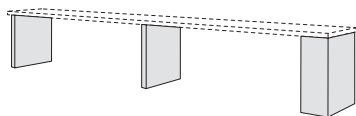


Reagent Shelves and Racks

Reagent Racks

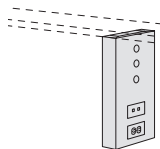
- Racks can be used over troughs or solid surfaces
- Tops, conduit, piping and service fixtures must be ordered separately; access the Hamilton Scientific Fixtures and Accessories catalog for details
- Assembly is required
- Fixture holes are not included
- Custom reagent rack configurations can be specified

Reagent Rack Uprights Only



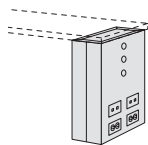
- 17.25" (438mm) high rack
- Standard upright

Depth	Width	
	3" (76mm)	6" (152mm)
7.5" (191mm)	24L07100	24L07000
11.5" (292mm)	24L07300	24L07200



- 17.25" (438mm) high rack
- 3" (76mm) single-sided (shown)
- Service line upright
- 6" (152mm) wide is double sided

Depth	Width	
	3" (76mm)	6" (152mm)
7.5" (191mm)	24L12100	24L12200
11.5" (292mm)	24L12300	24L12400



- 17.25" (438mm) high rack
- 3" (76mm) single-sided
- Service line upright
- 6" (152mm) wide is double sided (shown)

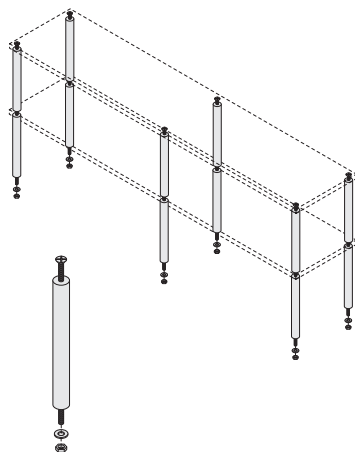
Depth	Width	
	3" (76mm)	6" (152mm)
16" (406mm)	24L12500	24L12600





Reagent Shelves and Racks

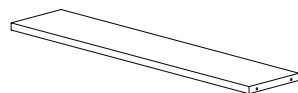
Reagent Rack Uprights



- Tubular upright 1" (25mm) diameter designed to support reagent shelving at an island and/or peninsula units
- Painted steel (per order) or stainless steel type 304 No. 4 finish
- Order .75" (19mm) x 12" (305mm) wide or 1" (25mm) x 12" (305mm) wide shelf material separately
- Maximum support spacing – 48" (1219mm) and maximum load per shelf is 100 lbs.

	Length
	12" (305mm)
Steel	24L06700
Stainless Steel	24L067S0

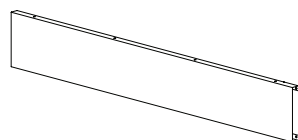
Reagent Shelves



- 1" (25mm) thick reagent shelf

Depth	Width				
	29.75" (756mm)	37.75" (959mm)	49.75" (1264mm)	61.5" (1562mm)	65.75" (1670mm)
7.25" (184mm)	24L073S0	24L07380	24L075S0	24L07620	24L07660
11.25" (286mm)	24L113S0	24L11380	24L11500	24L11620	24L11660
15.75" (400mm)	24L16300	24L16380	24L16500	24L16620	24L16660

Reagent Aprons



- 6" (152mm) high by 1" (25mm) thick

Width	Product No.
38" (965mm)	24L23800
50" (1270mm)	24L25000
62" (1575mm)	24L26200
66" (1676mm)	24L26600





Laboratory Furniture/Casework, Shelving & Tables/ Recommended Practices/SEFA 8

SEFA Profile

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. All Hamilton Scientific steel laboratory furniture and equipment is in full compliance with the SEFA 8 Metal 2010.

4.0 Base Cabinets

4.1 Description of Test Cabinet

The base cabinet shall be a combination of cupboard and drawer per Figure 1. The base cabinet shall have nominal dimensions of 48" (1,219.2mm) wide, 36" (914.4mm) high, and 22" (558.8mm) deep. The drawer shall be above the cupboard, full-width and approximately one-fourth the height of the cabinet's face opening. Cupboard shall be double-door design and provide unobstructed entry into the cabinet interior with the doors open. The unit shall contain one adjustable shelf. The cabinet back shall be the removable type (per manufacturer's standard design as used for access to the plumbing or chase area) with the removable panel removed.

The cabinet shall be free standing, squared and leveled and sitting 1" (25.4mm) off the floor on all four leveling

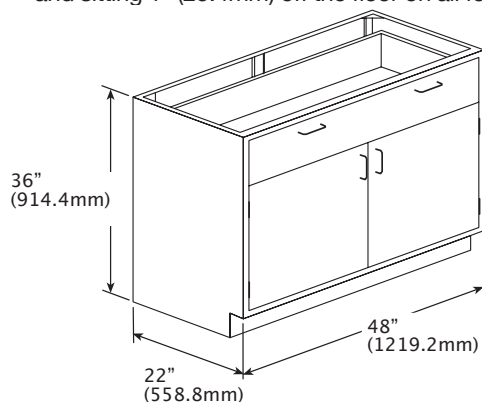


Figure 1 Description of Test Base Cabinet

screws. When leveling screws are not required, the cabinet shall be squared and leveled and sitting 1" (25.4mm) off the floor atop four hardwood corner blocks 2" (50.8mm) square and 1" (25.4mm) 37-50 pcf medium density fiberboard shall be positioned on the cabinet without glue or fasteners of any kind. The top dimensions will be such that it will overhang the cabinet perimeter by 1" (25.4mm). Its weight shall be included in the test as live load.

Before conducting the test, a visual examination shall be conducted to verify that the unit configuration and setup conditions are appropriate. Operate doors and drawers. Doors should be free moving and latch properly. Inspect the unit for dimensions and note the fit of doors and drawers to the cabinet body. Open and close the drawer. The drawer should be free moving and function as

specified by the manufacturer. Discontinue evaluation if unit is not in compliance or if malfunction is noted.

4.2 Cabinet Load Test

4.2.1 Cabinet Load Test

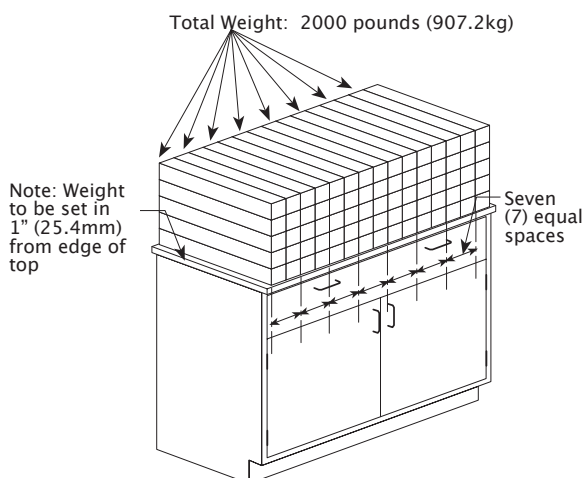


Figure 2 Cabinet Load Test Configuration

The cabinet load test will challenge the structural integrity and load bearing capability of the cabinet construction. This test will demonstrate the ability of the cabinet to support heavy applied loads. This is not intended to test the functional characteristics of the cabinet under heavy loads.

4.2.2 Test Procedure

Verify that the cabinet is level. Load the cabinet top by using 200 pounds (90.72kg) of solid steel bars (per Section No. 3.1) stacked five high and spaced per Figure 2. After ten minutes, unload the cabinet.

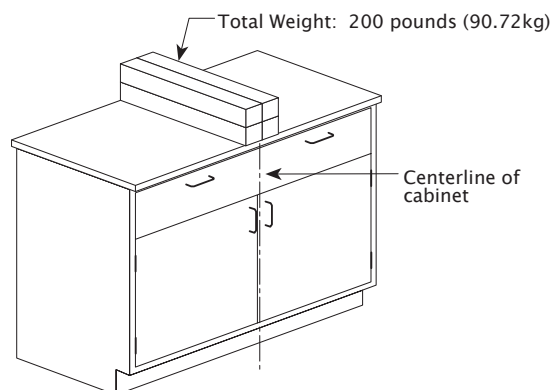


Figure 3 Base Cabinet Concentrated Load Test





4.2.3 Acceptance Level

The cabinet will have no signs of permanent failure. After the load is removed, inspect the levelers. Any deformation shall not interfere with the function of the leveling system.

4.3 Cabinet Concentrated Load Test

4.3.1 Purpose of Test

The purpose of this 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

Using solid weights or 10 pound (4.54kg) sand bags (per Section No. 3.1), Apply a total of 200 pounds (90.72kg) to the top of the cabinet along the cabinet centerline (See Figure 3). Operate doors and drawers.

4.3.3 Acceptance Level

Door and drawer operation shall be normal under condition of test load. There shall be no signs of permanent distortion to front rail, cabinet joinery, doors, or drawers.

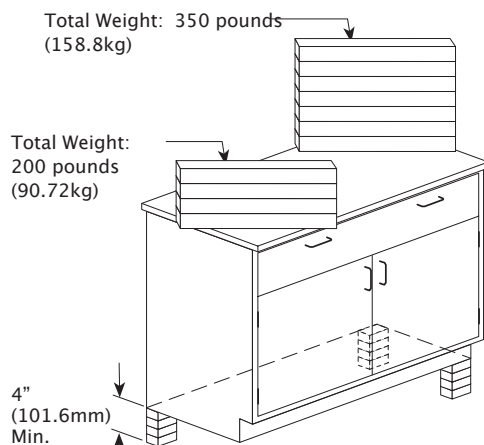


Figure 4 Base Cabinet Torsion Test Procedure

4.4 Cabinet Torsion Test

4.4.1 Purpose of Test

This test will evaluate the structural integrity of the cabinet construction when subjected to a torsional load.

4.4.2 Test Procedure

The cabinet shall be tested in its normal upright position, raised not less than four-inches off the floor and supported on rear and one front corner. The area of support under the cabinet shall be located not more than 6" (152.4mm) in from each supported corner. Secure the cabinet diagonally from the unsupported corner with seven solid steel bars per Section No. 3.1 (350 pounds [158.76kg] of weight, on the top of the cabinet to prevent overturning. Apply four solid steel bars (200 pounds [90.72kg] of weight) to the unsupported corner for a period of fifteen minutes (See Figure 4). Remove weight and place cabinet on the floor in its normal upright position. Observe cabinet joinery. Level the cabinet and measure the face and back of the

cabinet across the diagonal corners.

4.4.3 Acceptance Level

When returned to normal position, the operation of the cabinet shall be normal, and there will be no signs of permanent damage. The difference between the two measurements taken from measuring the diagonal corners shall be no more than 1/8" (3.175mm).

4.5 Cabinet Submersion Test

4.5.1 Purpose of Test

This test will demonstrate the ability of the cabinet to resist standing water. Only units that rest on the floor or a unit where the base is within 2" (50.8mm) of the floor should be subjected to this test.

4.5.2 Test Procedure

The material thickness along the perimeter of the cabinet shall be measured on 6" (152.4mm) increments. Record the thickness of the material to be submerged in water. Calculate the arithmetic mean of the data taken. Place the entire test cabinet in its upright position such that the cabinet is submerged in a pan filled 2" (50.8mm) of water. After four hours, remove the unit from the water and immediately measure the thickness of the material at the same points measured initially. Calculate the arithmetic mean. After the unit has been allowed to dry, inspect for other damage.

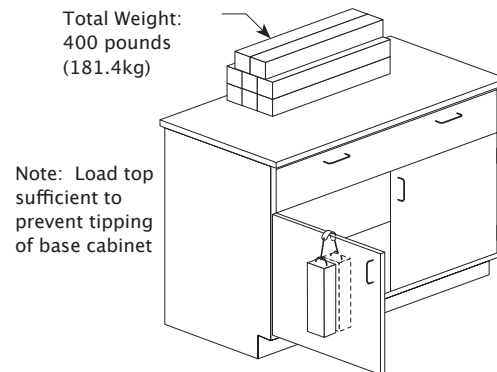


Figure 5a Base Cabinet Door Load Test Configuration

4.5.3 Acceptance Level

The cabinet shall show no signs of permanent deformation or deterioration. Increase in thickness shall not exceed four percent on the initial mean measurement.

5.0 Doors

5.1 Door Hinge Test



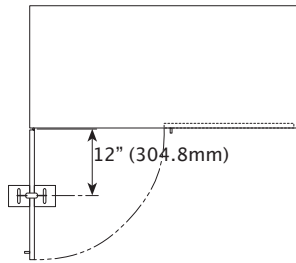


Figure 5b Base Cabinet Door Load Test Configuration

5.1.1 Purpose of Test

This test will demonstrate the durability of the door and its hardware (hinge leaf, screws, etc.) to an applied load of 200 pounds (90.72kg)

5.1.2 Test Procedure

Remove the shelf for this test. With unit and top set as described in Section No. 4.1, add sufficient weight to the top in order to prevent overturning. With cabinet door opened 90-degrees, hang a sling made up of two 100 pound (45.36kg) weights (shot bags or solid weights) over the top of the door at a point 12" (304.8mm) out from the hinge centerline (See Figures 5a and 5b). slowly move door through the full cycle of the hinge, up to a 160-degree arc. Remove weight and swing door through its full intended range of motion and close door.

5.1.3 Acceptance Level

The open door shall withstand a load of 200 pounds (90.72kg) when applied at a point 12" (304.8mm) from the hinge centerline without significant permanent distortion. Operation of the door, after test, shall show no significant permanent distortion that will cause binding of the door or hinges or that it will adversely affect operation of the catch*.

*Certain unit configurations require hinge location to be such that load ratings are lower than the test model. See manufacturer for details.

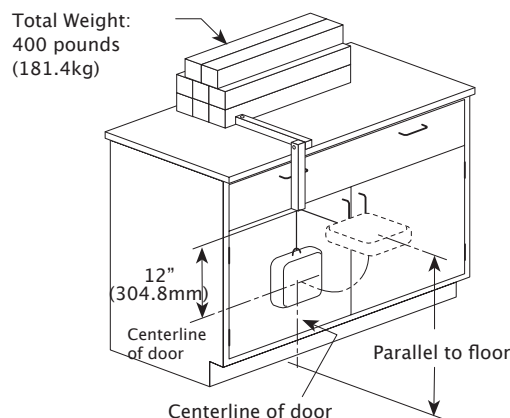


Figure 6 Base Cabinet Door Impact Test Configuration

5.2 Door Impact Test

5.2.1 Purpose of Test

This test will demonstrate the resistance of a 240 inch-pounds (27.1 N-m) impact to the door face. Only units that extend below the work surface should be subjected to this test. This test should not be inclusive of glass doors.

5.2.2 Test Procedure

With unit and top set as described in Section No. 4.1, add sufficient weight to the top in order to prevent overturning. A 20 pound (9.07kg) sand bag (per Section No. 3.1) shall be suspended and dropped to provide an impact of 240 inch-pounds (27.1 N-m) at the center of the closed door. (See Figure 6)

5.2.3 Acceptance Level

After the test, the door and catch shall operate normally and show no signs of permanent damage.

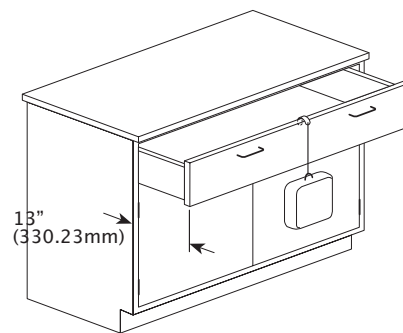


Figure 7 Base Cabinet Drawer Static Load Test Configuration

5.3 Door Cycle Test

5.3.1 Purpose of Test

This test will demonstrate the durability of the door hinge hardware to withstand 100,000 cycles as a reliable measure for longevity.

5.3.2 Test Procedure

This test shall be conformance to the ANSI test procedure A156.9, Grade 1, requirements for cycle testing of doors. A cycling mechanism shall swing door 90-degrees. Door shall operate for 100,000 cycles with a speed not greater than 15 cycles per minute.

5.3.3 Acceptance Level

Door shall operate for the full cycle period without deterioration that will significantly affect the function of the door. The door shall operate freely without binding.

6.0 Drawers

6.1 Drawer Static Test

6.1.1 Purpose of Test

This test will demonstrate the durability 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

With unit and top set as described in Section No. 4.1,

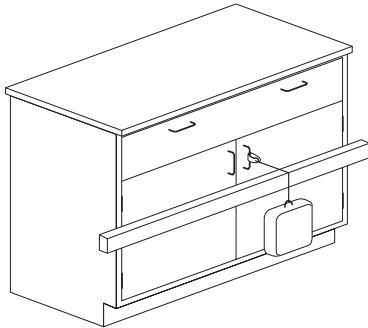


Figure 8 Base Cabinet Door and Drawer Pull Horizontal Load Test Configuration

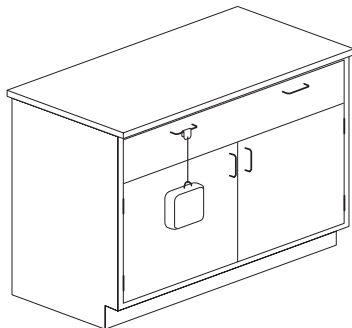


Figure 9 Base Cabinet Door and Drawer Pull Vertical Load Test Configuration

Add sufficient weight to the top in order to prevent overturning. Open the drawer to 13" (330.2mm) of travel and hang 150 pounds (68.04kg) from the drawer head at the centerline of the drawer for five minutes. (See Figure 7). Remove the weight and operate the drawer through the full cycle.

6.1.3 Acceptance Level

There shall be no interference with the normal operation of the drawer.

6.2 Drawer and Door Pull Test

6.2.1 Purpose of Test

This test will evaluate the strength of the pull and pull hardware.

6.2.2 Test Procedure

Pulls are to be installed in accordance with manufacturer's practice using specified attaching hardware and method. Block door and drawer closed. Using a cable, pulley and weight assembly (See Figure 8), apply a force of 50 pounds (22.68kg) perpendicular to each pull. Reverse setup to hang weight from each pull. (See Figure 9). Remove weight.

6.2.3 Acceptance Level

Pulls shall resist force and support weight without breakage. After completion of test and removal of weight, there shall be no significant permanent

distortion. Some pull designs will require variations to set up apparatus. These pulls shall be tested in conformance to the applied pull forces.

6.3 Drawer Impact Test

6.3.1 Purpose of Test

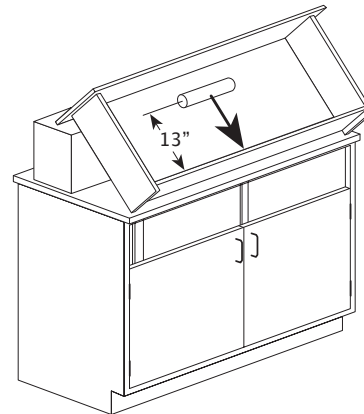


Figure 10 Base Cabinet Drawer Internal Rolling Impact Test Configuration

This test will demonstrate the resistance to impact of the drawer bottom and slide mechanism.

6.3.2 Test Procedure

Open the drawer to 13" (330.2mm) of travel. Drop a 10 pound (4.54kg) sand or shot bag from a height of 24" (609.6mm) into the bottom of a drawer at the center of the width of the drawer and 6" (152.4mm) back from the inside face of the drawer. Remove the sand or shot bag.

6.3.3 Acceptance Level

Operate drawer through full cycle. Drawer shall operate normally. Any deformation will not cause binding or interfere with the operation of the drawer.

6.4 Drawer Internal Rolling Impact Test

6.4.1 Purpose of Test

This test will evaluate 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

Position the drawer on a table at a 45-degree angle per Figure 10. Place a 2" (50.8mm) diameter by 12" (304.8mm) long steel rod (approximately 10 pounds (4.54kg)) 13" (330.2mm) from the target impact area such that the rod will roll freely to impact the back of a drawer. Subject the back to three impacts and reverse the drawer to subject the front to three additional impacts.

6.4.3 Acceptance Level

The drawer shall show no signs (other than minor scratches and dents) of permanent damage. All joinery shall be intact and the drawer, when replaced in the unit, shall operate normally. Minor scratches and dents are acceptable.





6.5 Drawer Cycle Test

6.5.1 Purpose of Test

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

6.5.2 Test Procedure

Laboratory Load – 100 pounds (45.36kg) A static of 100 pounds (45.36kg) (using ten 10-pound [4.54kg] sand bags per Section No. 3.1) shall be uniformly distributed in the drawer. Measure force required to activate the drawer. Operate from a closed position to within 1/4" (6.35mm) of full extension for 50,000 cycles at a rate not to exceed 10 cycles per minute.

Heavy Duty Laboratory Load – 150 pounds (68.04kg)

A static of 150 pounds (68.04kg) (using fifteen 10-pound [4.54kg] sand bags per Section No. 3.1) shall be uniformly distributed in the drawer. Measure force required to activate the drawer. Operate from a closed position to within 1/4" (6.35mm) of full extension for 50,000 cycles at a rate not to exceed 10 cycles per minute.

6.5.3 Acceptance Level

The drawer shall operate freely without evidence of dragging, rubbing or binding. The force required to open and close loaded drawer shall not be greater than 8 pounds (3.63kg) to activate hardware.*

*The Americans with Disabilities Act (ADA) requires a force no greater than five pounds to activate hardware. The load rating in this document is intended only for testing conditions where loads challenge the durability of the hardware. Under actual conditions, drawer loading should be reduced to levels that result in compliance with ADA as applicable.

7.0 Drawers

Shelves, regardless of material or application, shall be tested using the following procedure. This is inclusive of shelves in wall cabinets, counter-mounted cabinets, full-height cabinets, wall-mounted shelves and free-standing shelves. Typical shelving materials include cold-rolled painted steel, stainless steel, plywood, high pressure laminate on composition core and high pressure laminate as a solid composite panel. Typical thicknesses are 3/4" (19.05mm) or 1" (25.4mm) for most applications. Values given are based on laboratory tests and fall within a normal range of properties for typical materials. Actual results may vary. Use this data as a guideline only. Other factors that should be evaluated when selecting shelving include chemical resistance, impact resistance, color and appearance, abrasion resistance, cost, and support requirements. Consult with the manufacturer for assistance with these other criteria.

7.1 Shelf Load Test

7.1.1 Purpose of Test

This test will demonstrate the ability of a shelf and its mounting hardware to support normal laboratory loads.

7.1.2 Test Procedure

A shelf shall be mounted in the manner in which it

is designed. Measure the distance from the underside of the shelf to a reference point perpendicular to the center of the shelf. Use shot or sand bags weighing 10 pounds (4.54kg) each. Unless otherwise specified, load the shelf uniformly to 40 pounds (18.14kg) per square foot shelf area to a maximum of 200 pounds (90.72kg). Measure the deflection on the shelf by measuring the distance to the reference point and calculating the difference between the two measurements. Record data and remove load from the shelf.

7.1.3 Acceptance Level

Different materials will perform differently to the loads applied based on the Modulus of Elasticity for the material and the cross section moment of inertia for the shape of the material. Longer shelves will support less loads than shorter shelves. The allowable maximum deflection of a shelf is 1/180 of the span and not in excess of .25" (6.35mm). The following formula may be used to calculate the approximate deflection expected from a uniformly distributed load:

$$D(\text{max.}) = 5W L^3 / 384 EI$$

WHERE:

D = Deflection in inches (Maximum 1/180 span, not to exceed .25 (6.35mm).

W = (Design Load) x (Shelf Depth in Inches) x (Shelf Span in Inches).

(Design Load = 40 pounds (18.14kg) / square foot divided by 144)

"W" shall not exceed .200 pounds (90.72kg).

L = Span between supports in inches.

E = Modulus of elasticity

Steel = 29×10^6 psi 1-M-2

Particleboard, with Hardwood Veneer 2s = 640,000 psi

D. Fir Veneer Core Plywood = 950,000 psi

1-M-2 Particleboard with high pressure plastic laminate 1/32" two sides with rigid glue line = 950,000 psi

Epoxy = 4.46×10^6 psi

Solid Composite Panel = 1.7×10^6 psi

I = Cross section moment of inertia.

8.0 Cabinet Surface Finish Tests

8.1 Chemical Spot Test

8.1.1 Purpose of Test

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

Note: Many organic solvents are suspected carcinogens, toxic and/or flammable. Great care should be exercised to protect personnel and the environment from exposure to harmful levels of these materials.

8.1.2 Test Procedure

Obtain one sample panel measuring 14" x 24" (355.6mm x 609.6mm). The received sample to be tested for chemical resistance as described herein.

Place panel on a flat surface, clean with soap and water





and blot dry. Condition the panel for 48-hours at 73+ 3F (23+ 2C) and 50+ 5% relative humidity. Test the panel for chemical resistance using forty-nine different chemical reagents by one of the following methods:

Method A – Test volatile chemicals by placing a cotton ball saturated with reagent in the mouth of a one-ounce (29.574cc) bottle and inverting the bottle on the surface of the panel.

Method B – Test volatile chemicals 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 of the above methods, leave the reagents on the panel for a period of **one hour**. Wash off the panel with water, clean with detergent and naphtha, and rinse with deionized water. Dry with a towel and evaluate after 24-hours at 73±3°F (23±2°C) and 50±5% relative humidity using the following rating system:

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, or erosion of coating. Obvious and significant deterioration.

Test No.	Chemical Reagent	Test Method
1.	Acetate, Amyl	A
2.	Acetate, Ethyl	A
3.	Acetic Acid, 98%	B
4.	Acetone	A
5.	Acid Dichromate, 5%	B
6.	Alcohol, Butyl	A
7.	Alcohol, Ethyl	A
8.	Alcohol, Methyl	A
9.	Ammonium Hydroxide, 28%	B
10.	Benzene	A
11.	Carbon Tetrachloride	A
12.	Chloroform	A
13.	Chromic Acid, 60%	B
14.	Cresol	A
15.	Dichlor Acetic Acid	A
16.	Dimethylformamide	A
17.	Dioxane	A
18.	Ethyl Ether	A
19.	Formaldehyde, 37%	A
20.	Formic Acid, 90%	B
21.	Furfural	A
22.	Gasoline	A
23.	Hydrochloric Acid, 37%	B
24.	Hydrochloric Acid, 48%	B
25.	Hydrogen Peroxide, 3%	B
26.	Iodine, Tincture of	B
27.	Methyl Ethyl Ketone	A
28.	Methylene Chloride	A
29.	Mono Chlorobenzene	A
30.	Naphthalene	A
31.	Nitric Acid, 20%	B
32.	Nitric Acid, 30%	B
33.	Nitric Acid, 70%	B
34.	Phenol, 90%	A

35.	Phosphoric Acid, 85%	B
36.	Silver Nitrate, Saturated	B
37.	Sodium Hydroxide, 10%	B
38.	Sodium Hydroxide, 20%	B
39.	Sodium Hydroxide, 40%	B
40.	Sodium Hydroxide, Flake	B
41.	Sodium Hydroxide, Saturated	B
42.	Sulfuric Acid, 33%	B
43.	Sulfuric Acid, 77%	B
44.	Sulfuric Acid, 96%	B
45.	Sulfuric Acid, 77% and Nitric Acid, 70%, equal parts	B
46.	Toluene	A
47.	Trichloroethylene	A
48.	Xylene	A
49.	Zinc Chloride, Saturated	B

8.1.3 Acceptance Level

Results will vary from manufacturer to manufacturer. **Laboratory grade finishes should result in no more than four Level 3 conditions.** Suitability for a given application is dependent upon the chemicals used in a given laboratory.

8.2 Hot Water Test

8.2.1 Purpose of Test

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

8.2.2 Test Procedure

Hot water, 190°F to 205°F (88°C to 96°C), shall be allowed to trickle (with a steady stream and at a rate of not less than 6 ounces (177.44cc) per minute on the surface, which shall be set at an angle of 45-degrees, for a period of five minutes.

8.2.3 Acceptance Level

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

8.3 Impact Test

8.3.1 Purpose of Test

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

8.3.2 Test Procedure

A one-pound ball approximately 2" (50.8mm) in diameter shall be dropped from a distance of 12" (304.8mm) onto a flat horizontal surface, coated to manufacturer's standard manufacturing method.

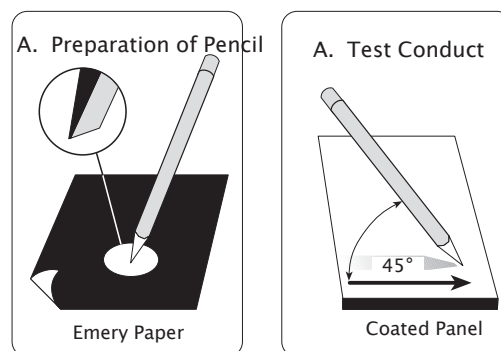


Figure 11 Cabinet Body Surface Hardness Test





8.3.3 Acceptance Level

There shall be no visible evidence to the naked eye of cracks or checks in the finish due to impact.

8.4 Paint Adhesion on Steel Test

8.4.1 Purpose of Test

The paint adhesion test is used to determine the bond of the coating to steel. This does not apply to non-steel products.

8.4.2 Test Procedure

This test is based on ASTM D2197-86 "Standard Method of Test for Adhesion of Organic Coating". Two sets of eleven parallel lines 1/16" (1.587mm) apart shall be cut with a razor blade to intersect at right angles thus forming a grid of 100 squares. The cuts shall be made just deep enough to go through the coating, but not into the substrate. They shall then be brushed lightly with a soft brush for one minute. Examine under 100-foot candles of illumination.

8.4.3 Acceptance Level

Ninety or more of the squares shall show finish intact.

8.5 Paint Hardness on Steel Test

8.5.1 Purpose of Test

The paint hardness test is used to determine the resistance of the coatings to scratches.

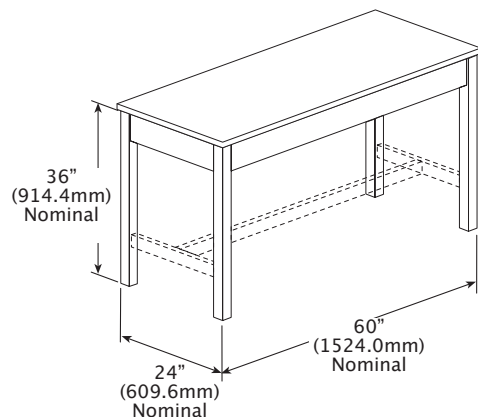
8.5.2 Test Procedure

Pencils, regardless of their brand, are valued in this way: 8-H is the hardest, and next 11 order of diminishing hardness are 7-H, 6-H, 5-H, 4-H, 3-H, 2-H, H, F, HB, B (soft), 2-B, 3-B, 4-B, 5-B (which are softest).

The pencils shall be sharpened on emery paper to a wide sharp edge (See Figure 11). Pencils of increasing hardness shall be pushed across the paint film in a chisel-like manner until one is found that will cut or scratch the film. The pencil used before that one, that is the hardest pencil that will not rupture the film, is then used to express or designate the hardness.

8.5.3 Acceptance Level

The paint shall have a hardness of 4-H minimum.



9.0 Wall, Counter-Mounted, and Tall Cabinets

9.1 Description of Test

Unit evaluation shall be conducted on a wall mounted cabinet with nominal dimensions as follows: 48" (1219.2mm) wide, 30" (762mm) high, and 12" (304.8mm) deep. The wall cabinet shall be manufactured to manufacturer's standard construction and practices. The wall cabinet shall have two swinging doors, designed in such a way that when the doors are open, access to the cabinet is unobstructed (See Figure 12). Door loading procedures are outlined under Section 5.0 (Doors). The wall cabinet will be provided with the manufacturer's standard number of shelves. Shelves shall be evaluated per Section 7.0 (Shelves). The unit and shelves shall be mounted in a manner recommended by the manufacturer. A visual examination shall be conducted to verify that the configuration and installation comply with these conditions. Discontinue evaluation if unit is not in compliance or if malfunction is noted.

9.2 Load Test

9.2.1 Purpose of Test

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

9.2.2 Test Procedure

Using sand or shot bags weighing 10 pounds (4.54kg) each, load cabinet bottom, each shelf, and top uniformly with 40 pounds (18.14kg) per square foot to a maximum of 200 pounds (90.72kg) each. Maximum load to any cabinet shall not exceed 600 pounds (272.16kg), - a maximum of 200 pounds (90.72kg) loaded to each bottom, a minimum of one shelf loaded per Section 7.0, and the top - regardless of the number of shelves.

9.2.3 Acceptance Level

With weights in place, operate doors through full travel to verify normal operation of doors. Remove weights and operate doors to verify normal operation. Verify that there is no significant permanent deflection of cabinet top, cabinet back, cabinet bottom or shelves. After weights are removed, the cabinet shall show no permanent damage to the cabinet, cabinet bottom, or shelves.

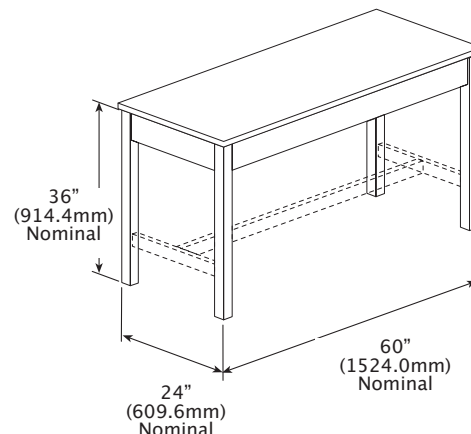


Figure 13 Description of Test Table



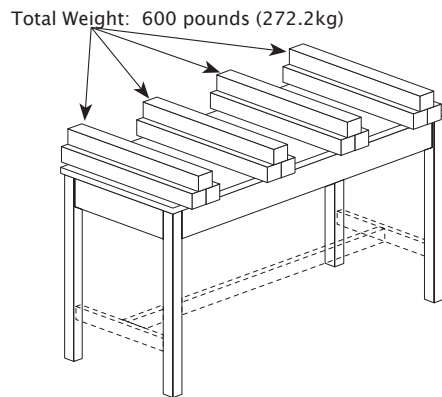


Figure 14 Table Static Load Test Configuration

10.0 Tables

10.1 Description of Test Unit

The table for evaluation shall be a standing height, four-legged, free-standing table. The table shall be nominally 60" (1,524mm) long, 24" (609.6mm) deep, and 36" (914.4mm) high. (See Figure 13). Leg and apron size and construction shall be to manufacturer's specification. A top of 1" (25.4mm) thick 37-50 pcf medium density fiberboard shall be positioned on the table in a manner recommended by the manufacturer. The top dimensions will be such that it will overhang the cabinet perimeter by 1". Its weight shall be included in the test as live load. Tables can be represented by a very large range of styles and designs. Products inclusive in this section of testing are: Free-Standing Tables, Desks, Aprons mounted between two fixed areas such as a wall or casework, Mobile Tables (Free-Standing Tables on wheels or casters), Mobile Under-Counter Units, Mobile Workstations, Adjustable Tables, Modular Tables, C-Frame Tables, L-Frame Tables, J-Frame Tables, and Tables for systems furniture. These table systems can all be classified as one of three types of tables; Fixed, Free-Standing, and Mobile.

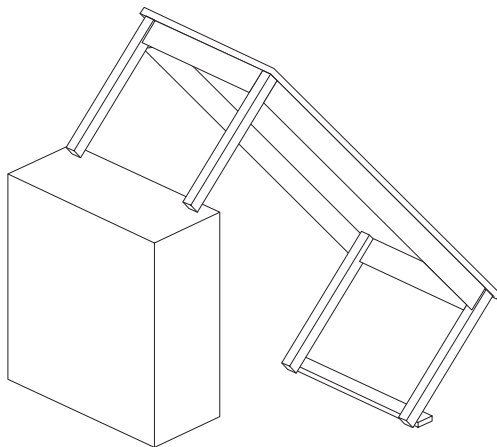


Figure 15 Table Racking Test Configuration

10.2 Table Static Load Test

10.2.1 Purpose of Test

This test will challenge the table components to loads that are normal for use in a laboratory.

10.2.2 Test Procedure

Load the table top by using solid steel bars (Per Section 3.1), each weighing 50 pounds (22.68kg), stacked evenly and spaced per Section 14. Load the table to the manufacturer's recommended live load*. These evenly distributed loads should be no less than 300 pounds (136.08kg) for mobile, 600 pounds (272.16kg) for free-standing, and 2000 pounds (907.20kg) for fixed. Include the weight of the working surface as live load.

*Table load will vary considerably. Factors impacting live load capability include the size of the table, material, amount of drawers and book compartments, glide or caster load rating. Contact manufacturer for live load





Hamilton Laboratory Solutions Panorama Laboratory Furniture

Product Number	Page Number	Product Number	Page Number	Product Number	Page Number	Product Number	Page Number	Product Number	Page Number
022X1220.....	25	24L43600.....	78	028X9720.....	31	121X5720.....	32	137X2720.....	29
022X1320.....	15	24L43800.....	78	029X9320.....	15	121X5750.....	32	137X3220.....	23
022X1720.....	31	24L44200.....	78	029X9720.....	31	121X6320.....	16	137X3320.....	12
022X2220.....	25	24L44600.....	78	100X1220.....	21	121X6350.....	17	137X3720.....	29
022X2320.....	15	24L44800.....	78	100X1320.....	8	121X6720.....	32	137X4220.....	23
022X2720.....	31	24L45200.....	78	100X1720.....	26	121X6750.....	32	137X4320.....	12
022X3220.....	25	24L45600.....	78	100X2220.....	21	121X7320.....	16	137X4720.....	29
022X3320.....	15	24L45800.....	78	100X2320.....	8	121X7350.....	17	139X1220.....	23
022X3720.....	31	24L46200.....	78	100X2720.....	26	121X7720.....	32	139X2220.....	23
022X4220.....	25	24L46600.....	78	100X3220.....	21	121X7750.....	32	141X1320.....	9
022X4320.....	15	24L46800.....	78	100X3320.....	8	121X8320.....	16	141X2320.....	9
022X4720.....	31	24L47200.....	78	100X3720.....	26	121X8350.....	17	142X1220.....	22
023X1220.....	25	24L47600.....	78	100X4220.....	21	121X8720.....	32	142X1320.....	9
023X1320.....	15	24L47800.....	78	100X4320.....	8	121X8750.....	32	142X1720.....	27
023X1720.....	31	24L48200.....	78	100X4720.....	26	122X0320.....	16	142X2220.....	22
023X2220.....	25	24L48600.....	78	100X5220.....	21	122X0350.....	17	142X2320.....	9
023X2320.....	15	24L48800.....	78	100X5320.....	8	122X0720.....	32	142X2720.....	27
023X2720.....	31	24L49200.....	78	100X5720.....	26	122X0750.....	32	142X3220.....	22
023X3220.....	25	24L49600.....	78	100X6220.....	21	122X4320.....	16	142X3320.....	9
023X3320.....	15	24L49800.....	78	100X6320.....	8	122X4350.....	17	142X3720.....	27
023X3720.....	31	24L80200.....	77	100X6720.....	26	122X4720.....	32	142X4220.....	22
023X4220.....	25	24L80600.....	77	100X7220.....	21	122X4750.....	32	142X4320.....	9
023X4320.....	15	24L80800.....	77	100X7320.....	8	123X0320.....	16	142X4720.....	27
023X4720.....	31	24L81200.....	77	100X7720.....	26	123X0350.....	17	142X5320.....	10
24L06750.....	80	24L81600.....	77	100X8220.....	21	123X0720.....	32	142X5720.....	27
24L07350.....	80	24L81800.....	77	100X8320.....	8	123X0750.....	32	142X6320.....	10
24L07550.....	80	24L82200.....	77	100X8720.....	26	123X4320.....	16	142X6720.....	27
24L11350.....	80	24L82600.....	77	102X1220.....	21	123X4350.....	17	142X7320.....	10
24L06700.....	80	24L82800.....	77	102X1320.....	8	123X4720.....	32	142X7720.....	27
24L07000.....	79	24L83200.....	77	102X1720.....	26	123X4750.....	32	142X8320.....	10
24L07100.....	79	24L83600.....	77	102X2220.....	21	124X1220.....	22	142X8720.....	27
24L07200.....	79	24L83800.....	77	102X2320.....	8	124X1320.....	9	145X1220.....	22
24L07300.....	79	24L84200.....	77	102X2720.....	26	124X2220.....	22	145X1320.....	10
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24L07620.....	80	24L84800.....	77	102X3320.....	8	124X3220.....	22	145X2220.....	22
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