LAB FURNITURE AND CASEWORK Chapter 10



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C Series Cabinet Specifications

Casework Construction

Materials: All Mopec cabinets are constructed of heavy-duty stainless steel (A.I.S.I. type 304, chrome nickel alloy containing 18% chrome and 8% nickel with a #4 satin finish). All exposed welds are a continuous bead type and are ground and regrained to match the adjacent #4 satin finish.

Cabinets: All face joints are flush without overlaps. Corners are reinforced with angles or welded, as required. All exposed face rails and stiles are 1-1/4" wide. A 3/4" deep by 1/2" rabbet is provided for all doors and drawers. Each cabinet is fabricated with a four inch high by three inch deep toe space. Each corner is fitted with a 14 gauge gusset along with an adjustable bolt for leveling during installation. One shelf is provided for each cabinet section complete with adjustable KV type brackets for easy adjustment on 1/2" centers.

ADA Compliant cabinets also available.

Door and Drawers: Each door and drawer face is fabricated with 5/8" thick double-pan construction, filled with an insulating board securely cemented to both pans. Swing doors are provided with No. 14 gauge tapped reinforcement strips to support the hinges and fitted with 3/8" diameter rubber bumpers at the

corners of the jamb side. Each door has two brushed stainless steel hinges with nylatron bushings. Each drawer is fabricated with four nylon tiered ball bearing rollers along with a 14 gauge channel. The drawer will automatically close at the last 5" of travel and is capable of carrying 100 lbs.

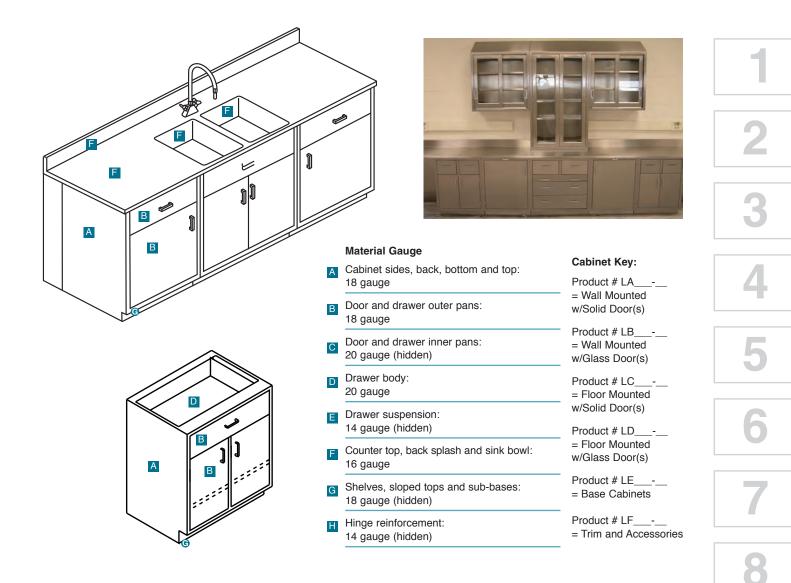
Sliding Metal Doors: Doors are constructed similar to the hinged door without hinge reinforcements. Each sliding door is fitted with two grooved nylon sheaves that ride on an aluminum track set in the bottom of the cabinet. The top of each door has two nylon guides to prevent metal-to-metal contact.



Completed lab with cabinets



C Series Cabinet Specifications



Rubber bumpers and stops are supplied with all doors. Glass doors will be similar to the metal doors with vertical and horizontal stiles 2" in width. Doors with frames are glazed with 7/32" thick glass set in Neoprene channels. Doors without a frame are constructed with tempered glass.

Hardware: All exposed hardware is brushed stainless steel. Hinges are .093" thick with lubricate impregnated nylon as the friction surface. Each door is provided with a nylon roller friction latch and rubber bumpers.

Cabinet Shelves: The shelves have front, back and ends flanged down 1" with the flange at front and back turned up at an angle to establish firm contact with the underside of the shelf. All shelves are supported with cadmium plated brackets adjustable on 1/2" centers.

Counter Top Construction: Formed edges are 1-1/4" thick with a marine edge around the perimeter. Counter tops that do not include an integrally constructed sink will not be formed with a marine edge. The underside of the counter is reinforced with steel channels and covered with sound deadening material. All exposed welding is ground smooth and regrained to match a #4 satin finish.

Stainless Steel Sinks: Stainless steel sink bowls are made from sheet steel and formed to provide a seamless construction. Internal radiuses are 1" and pitched to the formed sink strainer basket to insure proper drainage. Sinks are integral construction without seams, ground and polished to match the adjacent surfaces. Sink depths are 7" and sized as follows: A) 14" x 17", B) 20" x 17" and C) 24" x 17". Custom sizes are available.

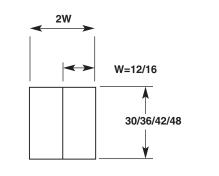
Stainless Steel Finish: All welds use stainless steel filler media with all exposed welds ground smooth and regrained to match the adjacent #4 satin finish.



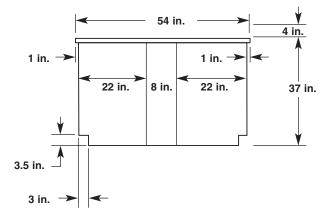
C Series Assembled Unit Layout Styles

Standing Height Assembly - Side View

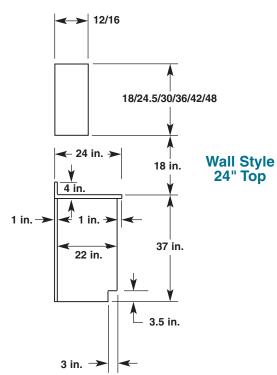


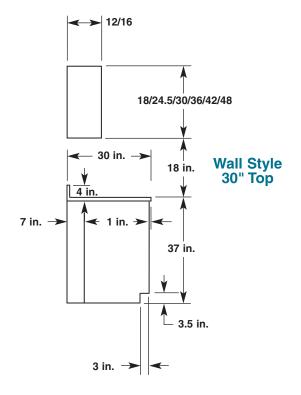


Island Style



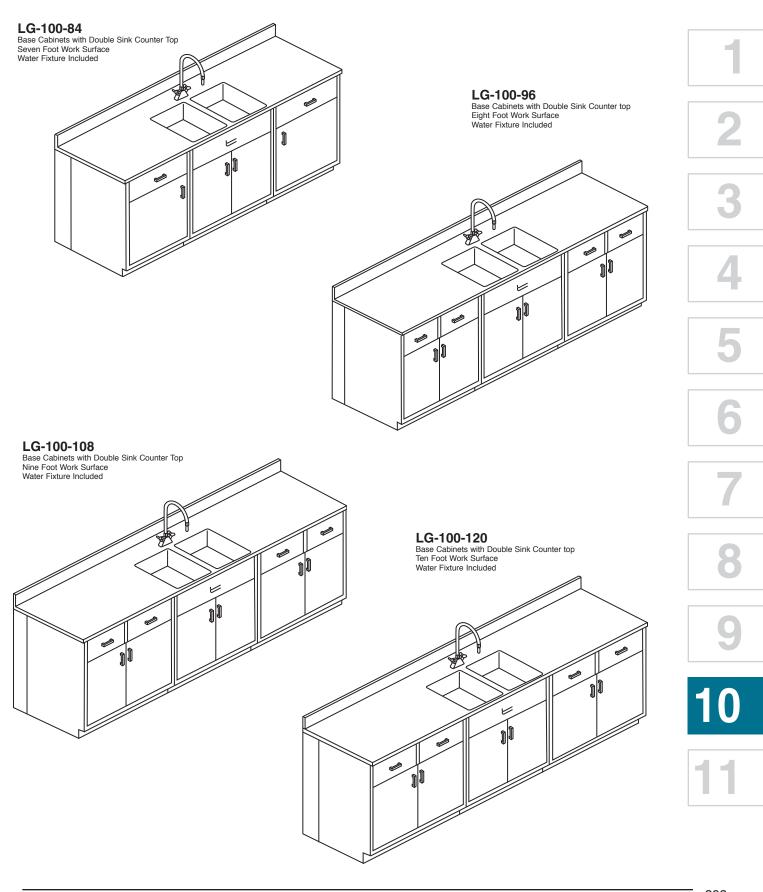






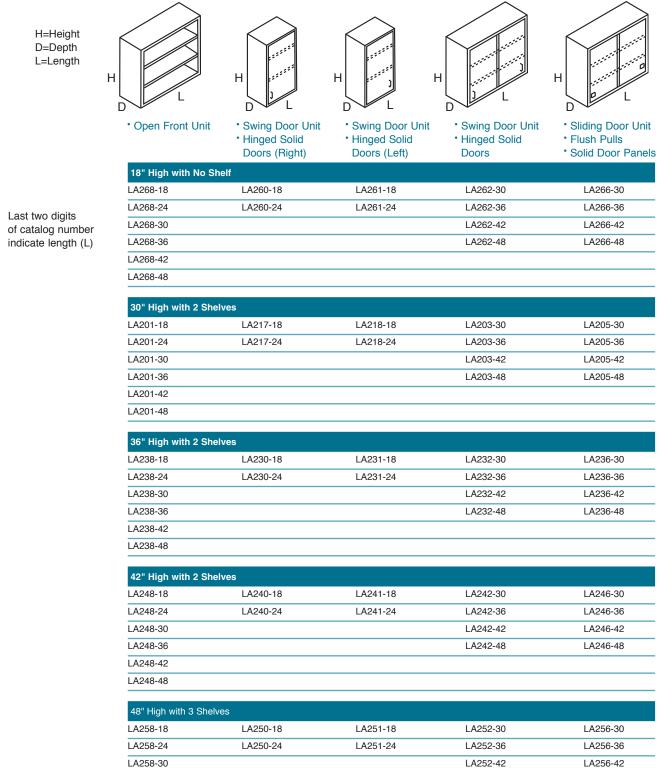
21750 Coolidge Hwy. Oak Park, MI 48237 USA (Mopec) 800-362-8491 248-291-2040 www.mopec.com

C Series Assembled Units



Wall Cabinet Specifications

12" Deep Cabinets/Stainless Steel Door



394

LA258-36

LA258-42 LA258-48



ADA (32" H) and sitting (28-1/2" H) cabinets are available Mopec offers a wide selection of additional sizes - please check with a Mopec Representative

LA252-42

LA252-48

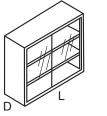
LA256-48

Wall Cabinet Specifications

12" Deep Cabinets/Glass Door

H=Height D=Depth L=Length

Н



- Sliding Door Unit
- Swing Door Unit Frameless Glass Hinged Glass Doors • 1/4" Float Glass

Н

(Right)

LB263-18

LB263-24

LB210-18

LB210-24

LB233-18

LB233-24

LB243-18

LB243-24

LB253-18

LB253-24

- Doors • 1/4" Tempered Glass
- 18" High with No Shelf

30" High with 2 Shelves

36" High with 2 Shelves

42" High with 2 Shelves

48" High with 3 Shelves

LB267-30

LB267-36

LB267-42

LB267-48

LB219-30

LB219-36

LB219-42

LB219-48

LB237-30

LB237-36

LB237-42

LB237-48

LB247-30

LB247-36

LB247-42

LB247-48

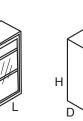
LB257-30

LB257-36

LB257-42

LB257-48

Last two digits of catalog number indicate length (L)



- Swing Door Unit • Hinged Glass Doors • Hinged Glass Doors • 1/4" Float Glass
- (Left)

LB264-18

LB264-24

LB211-18

LB211-24

LB234-18

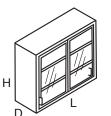
LB234-24

LB244-18

LB244-24

LB254-18

LB254-24



Swing Door Unit

LB265-30

LB265-36

LB265-42

LB265-48

LB206-30

LB206-36

LB206-42

LB206-48

LB235-30

LB235-36

LB235-42

LB235-48

LB245-30

LB245-36

LB245-42

LB245-48

LB255-30

LB255-36

LB255-42

LB255-48

- Sliding Door Unit • Flush Pulls 1/4" Float Glass

LB269-30

LB269-36

LB269-42

LB269-48

I B208-30

LB208-36

LB208-42

LB208-48

LB239-30

LB239-36

LB239-42

LB239-48

LB249-30

LB249-36

LB249-42

LB249-48

LB259-30

LB259-36

LB259-42

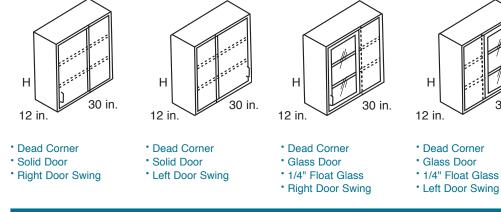
LB259-48

• 1/4" Float Glass



ADA (32" H) and sitting (28-1/2" H) cabinets are available Mopec offers a wide selection of additional sizes - please check with a Mopec Representative

Dead Corner Wall Cabinets



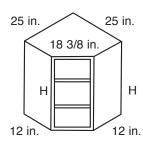
Last two digits of catalog number indicate length (L)

H=Height D=Depth

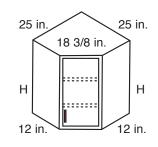
L=Length

Product No.	Product No.	Product No.	Product No.
LA282-30 (H = 24.5 in.)	LA286-30 (H = 24.5 in.)	LB290-30 (H = 24.5 in.)	LB294-30 (H = 24.5 in.)
LA283-30 (H = 30 in.)	LA287-30 (H = 30 in.)	LB291-30 (H = 30 in.)	LB295-30 (H = 30 in.)
LA284-30 (H = 36 in.)	LA288-30 (H = 36 in.)	LB292-30 (H = 36 in.)	LB296-30 (H = 36 in.)
LA285-30 (H = 48 in.)	LA289-30 (H = 48 in.)	LB293-30 (H = 48 in.)	LB297-30 (H = 48 in.)

Corner Wall Cabinets



 Corner Angle • Open Face



Corner Angle

· Right. Door Swing

Solid Door

18 3/8 in Н Н 12 in. 12 in.

25 in.

30 in.

Corner Angle

· Glass Door

25 in.

• 1/4" Float Glass,

• Right. Swing Only

Product No.	Product No.	Product No.
LA270-25 (H = 24.5 in.)	LA274-25 (H = 24.5 in.)	LB278-25 (H = 24.5 in.)
LA271-25 (H = 30 in.)	LA275-25 (H = 30 in.)	LB279-25 (H = 30 in.)
LA272-25 (H = 36 in.)	LA276-25 (H = 36 in.)	LB280-25 (H = 36 in.)
LA273-25 (H = 48 in.)	LA277-25 (H = 48 in.)	LB281-25 (H = 48 in.)
	LA278-25 (H = 24.5 in.)	LB282-25 (H = 48 in.)

ADA (32" H) and sitting (28-1/2" H) cabinets are available Mopec offers a wide selection of additional sizes - please check with a Mopec Representative

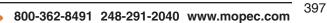
396

Tall Storage Cabinets/Solid Doors

Available Depths 16", 18", 22" and 24"

H=Height D=Depth L=Length	H D Swing Door Storage Unit Five Adjustable Shelves Hinged Solid Door Panels	H J J J J J J J J J J J J J J J J J J J	H Swing Door Storage Unit Five Adjustable Shelves Hinged Solid Door Panels	 H J J J J J J J J J J J J J J J J J J J
	Right Door Swing	Left Door Swing	Hinged Solid Door Parleis	Solid Door Panels
All units are	-	-		
83-1/2" high (H) plus 1" maximum	16" Deep			
adjustment		LC320-18	LC353-30	LC355-30
of leveling feet.	LC319-24	LC320-24	LC353-36	LC355-36
			LC353-42	LC355-42
			LC353-48	LC355-48
	18" Deep			
Last two digits	LC330-18	LC331-18	LC332-30	LC336-30
of catalog	LC330-24	LC331-24	LC332-36	LC336-36
number			LC332-42	LC336-42
indicate			LC332-48	LC336-48
length (L)	22" Deep			
	LC313-18	LC314-18	LC303-30	LC305-30
	LC313-24	LC314-24	LC303-36	LC305-36
			LC303-42	LC305-42
			LC303-48	LC305-48
	24" Deep			
	LC340-18	LC341-18	LC342-30	LC346-30
	LC340-24	LC341-24	LC342-36	LC346-36
			LC342-42	LC346-42
			LC342-48	LC346-48

ADA (32" H) and sitting (28-1/2" H) cabinets are available Mopec offers a wide selection of additional sizes - please check with a Mopec Representative



Tall Storage Cabinets/Glass Doors

Available Depths 16", 18", 22" and 24" Deep



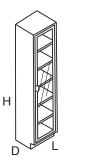
H=Height D=Depth L=Length

All units are 83-1/2" high (H) plus 1" maximum adjustment of leveling feet.

Last two digits

indicate length (L)

of catalog number

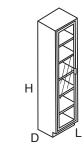


- Glass Door Storage Unit
- · Glazed Glass Door
- Five Adjustable Shelves
- 1/4" Float Glass
- Right Door Swing

16" Deep LD321-18

LD321-24

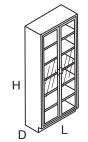
18" Deep



- Glass Door Storage Unit
- · Glazed Glass Door
- Five Adjustable Shelves
- 1/4" Float Glass
- · Left Door Swing

LD322-18

LD322-24



- Glazed Glass Door

LD357-30

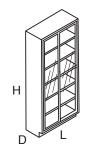
LD357-36

LD357-42

LD357-48

LD307-48

- Five Adjustable Shelves
- 1/4" Float Glass



- * Sliding Glass Door Storage Unit * Sliding Glass Door Storage Unit
 - · Glazed Glass Door
 - Five Adjustable Shelves
 - 1/4" Float Glass
 - Flush Pulls

LD358-30

LD358-36

LD358-42

LD358-48

LD308-48

LD333-18	LD334-18	LD335-30	LD337-30
LD333-24	LD334-24	LD335-36	LD337-36
		LD335-42	LD337-42
		LD335-48	LD337-48
22" Deep			
-	LD316-18	LD307-30	LD308-30
22" Deep LD315-18 LD315-24	LD316-18 LD316-24	LD307-30 LD307-36	LD308-30 LD308-36

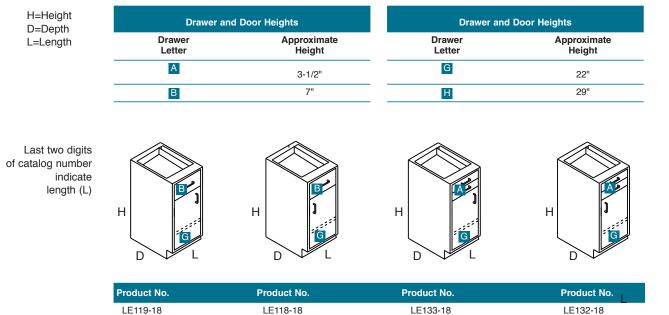
24" Deep			
LD343-18	LD344-18	LD345-30	LD347-30
LD343-24	LD344-24	LD345-36	LD347-36
		LD345-42	LD347-42
		LD345-48	LD347-48

ADA (32" H) and sitting (28-1/2" H) cabinets are available Mopec offers a wide selection of additional sizes - please check with a Mopec Representative

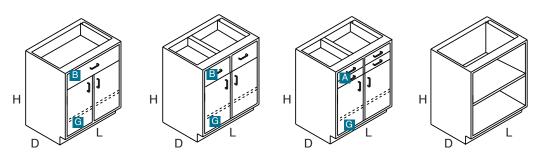


Base Cabinets Standing Height 35-1/4" x 22" Deep

LE119-24



LE118-24



LE133-21

LE133-24

Product No.	Product No.	Product No.	Product No.
LE105-30	LE106-30	LE108-30	LE101-18
LE105-36	LE106-36	LE108-36	LE101-24
LE105-42	LE106-42	LE108-42	LE101-30
LE105-48	LE106-48	LE108-48	LE101-36
			LE101-42
			LE101-48



ADA (32" H) and sitting (28-1/2" H) cabinets are available Mopec offers a wide selection of additional sizes - please check with a Mopec Representative

LE132-24

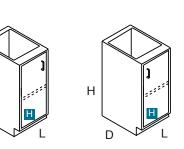
Base Cabinets

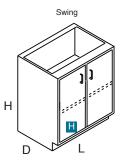
Н

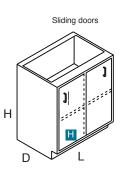
D

Standing Height 35-1/4" x 22" Deep

H=Height D=Depth L=Length

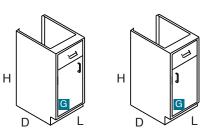


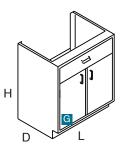


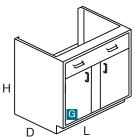


Product No.	Product No.	Product No.	Product No.
LE196-18	LE195-18	LE103-30	LE100-30
LE196-24	LE195-24	LE103-36	LE100-36
		LE103-42	LE100-42
		LE103-48	LE100-48

Last two digits of catalog number indicate length (L)

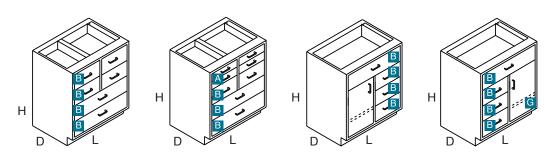






Toe kick around 3 edges

Product No.	Product No.	Product No.	Product No.
LE194-18	LE193-18	LE181-30	LE186-52
LE194-24	LE193-24	LE181-36	LE186-58
		LE181-42	
		LE181-48	



Product No.	Product No.	Product No.	Product No.
LE138-30	LE139-30	LE148-30	LE117-30
LE138-36	LE139-36	LE148-36	LE117-36
LE138-42	LE139-42	LE148-42	LE117-42
LE138-48	LE139-48	LE148-48	LE117-48

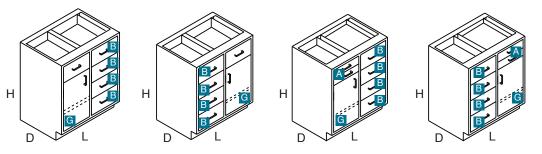
ADA (32" H) and sitting (28-1/2" H) cabinets are available

Mopec offers a wide selection of additional sizes - please check with a Mopec Representative

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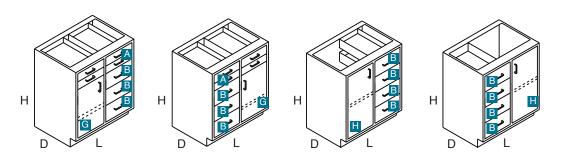
Base Cabinets

Standing Height 35-1/4" x 22" Deep



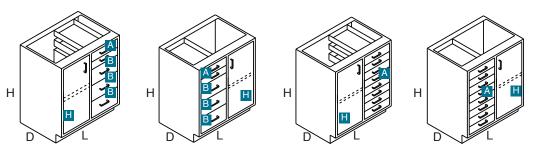
H=Height D=Depth L=Length

Product No.	Product No.	Product No.	Product No.	
LE136-30	LE113-30	LE140-30	LE114-30	
LE136-36	LE113-36	LE140-36	LE114-36	
LE136-42	LE113-42	LE140-42	LE114-42	
LE136-48	LE113-48	LE140-48	LE114-48	



Last two digits of catalog number indicate length (L)

Product No.	Product No.	Product No.	Product No.
LE147-30	LE115-30	LE116-30	LE110-30
LE147-36	LE115-36	LE116-36	LE110-36
LE147-42	LE115-42	LE116-42	LE110-42
LE147-48	LE115-48	LE116-48	LE110-48



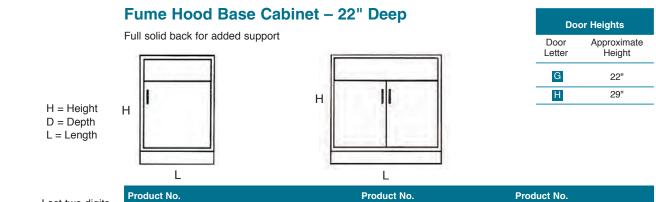
Product No.	Product No.	Product No.	Product No.
LE120-30	LE111-30	LE135-30	LE112-30
LE120-36	LE111-36	LE135-36	LE112-36
LE120-42	LE111-42	LE135-42	LE112-42
LE120-48	LE111-48	LE135-48	LE112-48

ADA (32" H) and sitting (28-1/2" H) cabinets are available

Mopec offers a wide selection of additional sizes - please check with a Mopec Representative

Specialty Cabinets

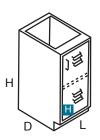
Standing Height 35-1/2" x 22" Deep (Note Special Depth)



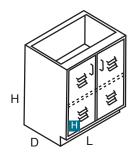
Last two dig of catalog num indicate length

	–	L		
igits	Product No.	Product No.	Product No.	
iber	LE187-18	LE187-30	LE187-48	
ı (L)	LE187-24	LE187-36	LE187-60	
		LE187-42		

Acid Storage Base Cabinets – 22" Deep



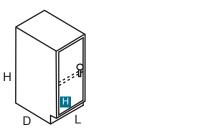
Glasticboard lined. Labeled: Acid

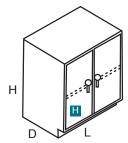


Product No.	Product No.	
LE188-18	LE188-30	
LE188-24	LE188-36	
	LE188-42	
	LE188-48	

Flammable Storage Base Cabinets – 22" Deep

(1) Shelf included. Labeled: Flammable Keep Flames and Heat Away.





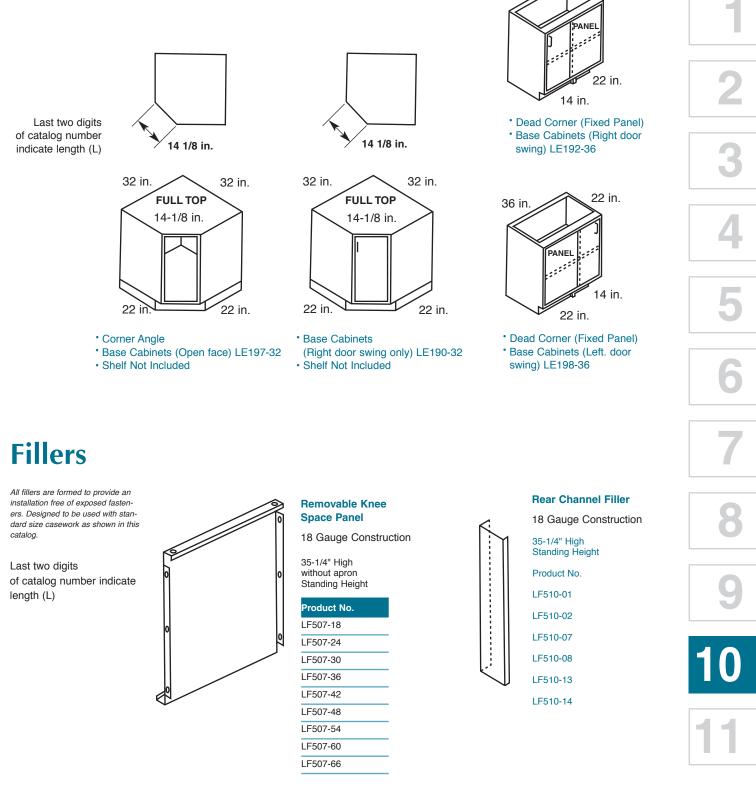
Product No.	Product No.	
LE189-18	LE189-30	
LE189-24	LE189-36	
	LE189-42	
	LE189-48	

ADA (32" H) and sitting (28-1/2" H) cabinets are available

Mopec offers a wide selection of additional sizes - please check with a Mopec Representative

Corner Base Cabinets

Standing Height 35-1/2" x 22" Deep



ADA (32" H) and sitting (28-1/2" H) cabinets are available Mopec offers a wide selection of additional sizes - please check with a Mopec Representative

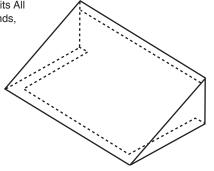
22 in.

36 in.

Slope Tops and Ceiling Fillers

Slope Tops

For Wall Hung or Storage Units All Slope Tops Have Finished Ends, 18 Gauge Construction

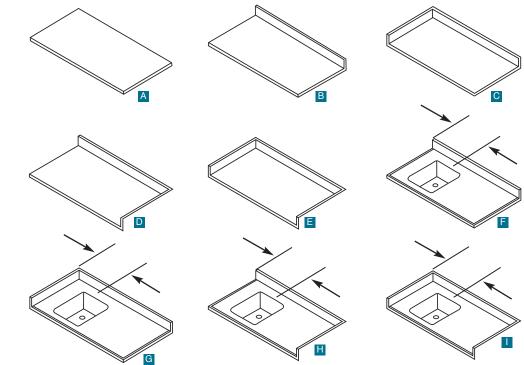




| Product No. |
|-------------|-------------|-------------|-------------|-------------|
| 12" Deep | 16" Deep | 18" Deep | 22" Deep | 24" Deep |
| LF526-18 | LF522-18 | LF527-18 | LF524-18 | LF528-18 |
| LF526-24 | LF522-24 | LF527-24 | LF524-24 | LF528-24 |
| LF526-30 | LF522-30 | LF527-30 | LF524-30 | LF528-30 |
| LF526-36 | LF522-36 | LF527-36 | LF524-36 | LF528-36 |
| LF526-42 | LF522-42 | LF527-42 | LF524-42 | LF528-42 |
| LF526-48 | LF522-48 | LF527-48 | LF524-48 | LF528-48 |
| | | LF527-84 | | LF528-72 |

Last two digits of catalog number indicate length (L)

Stainless Steel Tops and Sinks • All tops and sinks are 16 gauge - type 304 stainless steel finished to a #4 satin finish.



ADA (32" H) and sitting (28-1/2" H) cabinets are available Mopec offers a wide selection of additional sizes - please check with a Mopec Representative

BF600 Downdraft Work Cell



Designed to fit in a 30" front to back countertop (cabinet optional). Removable work surface provides for easy cleaning. Downdraft workcell has a 3-1/2" cup drain for any overflow and washdowns.

Using downdraft fume exhaust technology the BF600 downdraft work cell provides a safe economical downdraft working environment. Ideal for working with reagents, formalin, xylene and alcohol. Requires a sink base cabinet.

Overall Dimensions: 27" L x 27" W x 8" D (68.5 cm x 68.6 cm x 20.3 cm)

Custom sizes available

Please note: BF600 is not an actual sink and should not be plugged to retain fluids.

Product No. BF600





Cabinet not included





(Customer's existing base cabinet with counter top)



Vented Pathology Cabinets

Excellent for Short and Long Term Specimen Storage

Vented Storage Cabinets

When storing wet tissue specimens vented storage cabinets are a necessity in any laboratory. Residual formalin that evaporates from the specimen storage container and vapor leakage from the storage container accumulates in the storage cabinet. The vented storage cabinet will eliminate the residual formalin fumes when tied into the building ventilation system. Available on both wall mounted and free standing cabinets, the cabinet ventilation option can be added to any cabinet within the LA Series, LB Series, LC Series and LD Series. The cabinets feature glass or solid doors. Cabinets can be easily cleaned with any of Mopec's disinfectants, Mopec's Stainless Steel Wipes or cleaner formulated for stainless steel.

Standard Features

- · All shelves are perforated with 1/2" diameter holes on 3" centers.
- · A 6" diameter x 2" high ventilation cuff is centered on the top of each cabinet.
- · Specifically designed doors allow for air infiltration to accommodate the negative pressure induced.

For LA Series (Solid Door) and LB Series (Glass Door) Wall Cabinets:

Product No. LV100 Cabinet Ventilation

For LC Series (Solid Door) and LD Series (Glass Door) **Tall Cabinets:** Product No. LV200 Cabinet Ventilation

Please call a Mopec Representative for additional information or assistance.

Mopec Can Customize **Cabinets to Fit Your Lab**



Vented Cabinet with solid doors





Finished lab with Vented Storage Cabinets