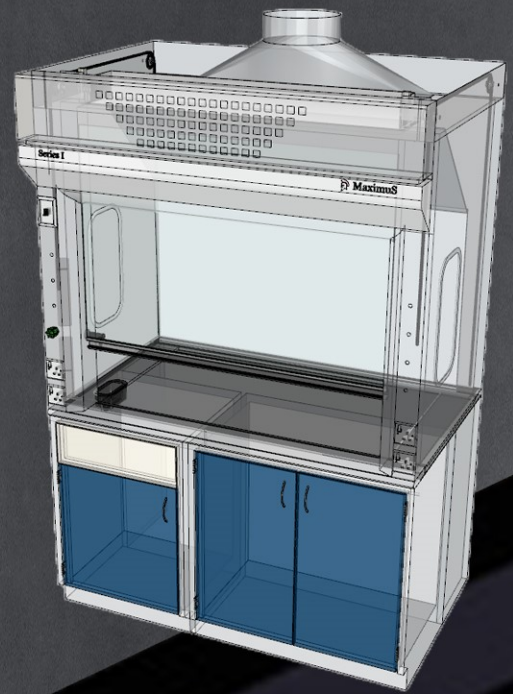
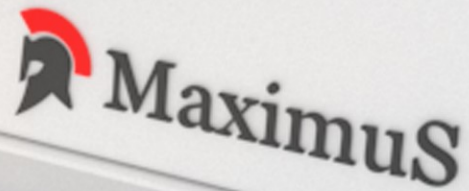


LABORATORY FUME HOOD

Innovative fume hood safety
performance and styling



SAFETY DESIGN

Auto Sash technology to
maximize the safety and
energy savings through
proper sash
positioning.



PERFORMANCE DESIGN

Have a low flow design,
capable of proper
containment at lower
(60FPM)
face velocities.



STYLING DESIGN

Ergonomic design
im-proves
productivity

THE

MAXIMUS BRAND

The Maximus fume hood unique features:

- 35” sash viewing height provides improved viewing
- AutoSash automatic sash positioning system locates the sash for face and upper body protection
- Improved combination sash provides comfortable access at the work surface
- Low profile airfoil
- Secondary through
- Chain drive sash counterbalance system
- Preset baffle system - no adjustment required
- Polyresin interior liner
- 60 to 100 FPM face velocities
- Extensive size offering



Bypass Vertical Rising - Unframed Sash

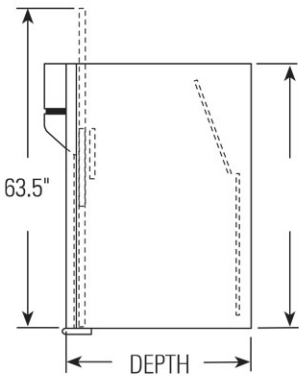


Bypass and Restricted Bypass vertical rising sash

Add the following suffix to product numbers for side panel requirements:

- U = Without side panels
- L = Left side only
- R = Right side only
- B = Both sides

Product Numbers			
31.25" Depth*	37.25" Depth	43.25" Depth	Width
54L2570P0	61L2570P0	62L2570P0	48"
54L2571P0	61L2571P0	62L2571P0	60"
54L2572P0	61L2572P0	62L2572P0	72"
54L2573P0	61L2573P0	62L2573P0	84"
54L2574P0	61L2574P0	62L2574P0	96"



Restricted Bypass Vertical Rising - Unframed Sash

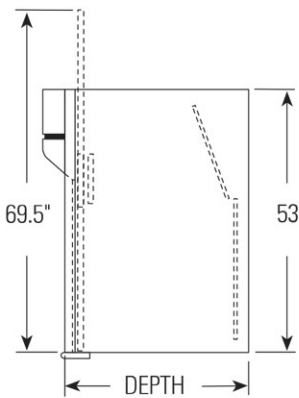
Product Numbers			
31.25" Depth*	37.25" Depth	43.25" Depth	Width
54L2750P0	61L2750P0	62L2750P0	48"
54L2751P0	61L2751P0	62L2751P0	60"
54L2752P0	61L2752P0	62L2752P0	72"
54L2753P0	61L2753P0	62L2753P0	84"
54L2754P0	61L2754P0	62L2754P0	96"

Restricted Bypass Combination Sash



Restricted Bypass combination sash

Product Numbers			
31.25" Depth*	37.25" Depth	43.25" Depth	Width
54L750PB	61L2750PB	62L2750PB	48"
54L751PB	61L2751PB	62L2751PB	60"
54L752PB	61L2752PB	62L2752PB	72"
54L753PB	61L2753PB	62L2753PB	84"
54L754PB	61L2754PB	62L2754PB	96"



Fume Hood Product

Exhaust

A Contoured rectangular exhaust collar provides more vertical space, reduces noise levels and coonserves energy by maintaining lower static pppressure

Exterior Fluorescent Lighting

Located safely away from harmful fumes and vapors, the fluorescent lighting system provides excellent task lighting.

Increased Vertical Space

The exhaust collar and baffle angle designs create additional space and are perfect for taller apparatus.

Full-frame Construction

All panels are attached to full-perimeter steel frame members for long term strength and durability.

Chemical-resistant Finish

Independently tested 0.8-1.0 mm thick urethane powder coated finish has excellent chemical and abrasion resistance. Walking Fume hood Product came with variation colour to choose.

Sash System Features

Automatic sash 18" sash operating opening. Reduce exhaust air and provides added face and upper body protection.



Epoxy resin work surface
With dished edge for added spill containment

Life-cycle Tested Sash Counter Balance System

Sash counterbalance system is life cycle tested to 100,000 cycles

Louvered Bypass

Louvers provide an additional source of exhaust air when the sash is lowered, helping to maintain consistent face velocities.

Model Name

Model name for fume hood and design to make easy for choosing and knowing.

Service Fixture Options

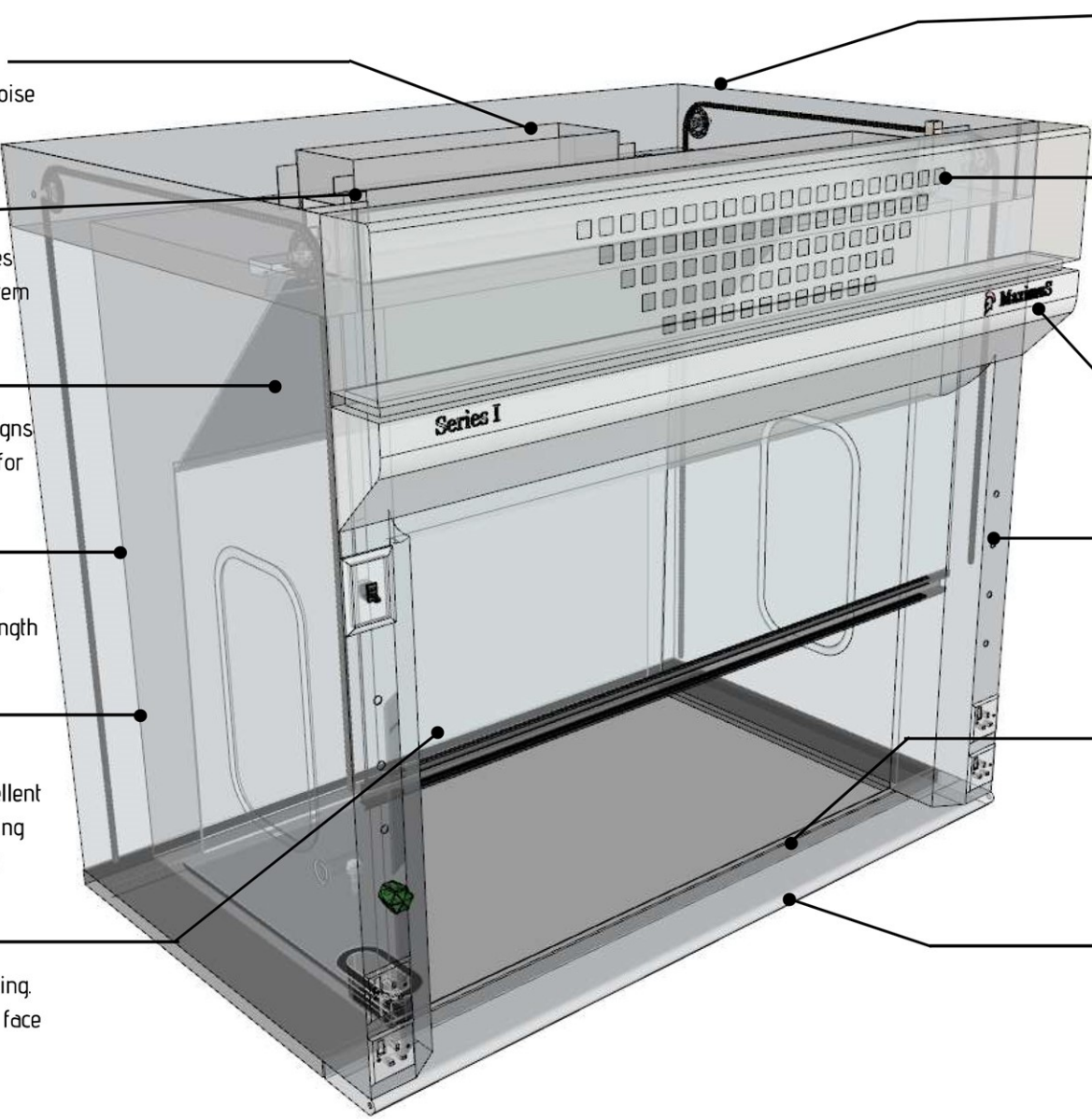
A choice of remote control fixtures is available, all with acid-resistant finishes. The fixtures are colour coded for added safety.

Secondary Trough

The secondary trough provides an additional safeguard for the containment of spills not secured by a dished work surface. Material SS316 2mm thickness.

Low Profile Air Foil

Flush Air Foil Sill - Provides easy access to work surface



Secondary Spill Containment Trough
Extra protection from the hazards associated with spills and accidents



Technical Data

With vertical sash

Hood Width	Exhaust Volume	Vertical Sash Opening Height	Face Velocity	Static Pressure	Exhaust Collar Size
48"	484	18* 28.5	100 60	.09"	6" x 15"
60"	634	18* 28.5	100 60	.09"	6" x 23"
72"	784	18* 28.5	100 60	.13"	6" x 23"
84"	934	18* 28.5	100 60	.15"	6" x 26"
96"	1084	18* 28.5	100 60	.09"	6" x 30"

**Vertical face velocities – nominal.

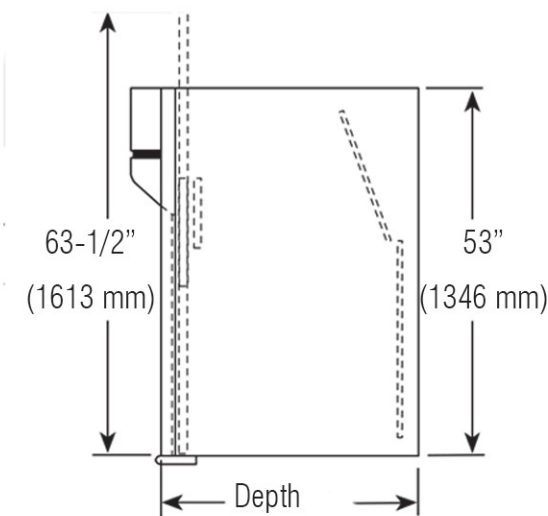
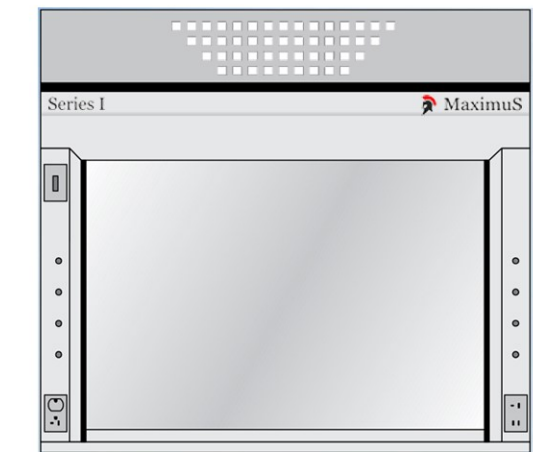
With combination sash

Hood Width	Exhaust Volume	Sash Opening			Face Velocity		Static Pressure	Exhaust Collar Size
		Vertical Sash Height	Horizontal Sash Opening	Sliding Sash Panels	Vertical**	Horizontal		
48"	400	18* 24	27 x 17.375	2	80 60	100	.07"	6" x 15"
60"	540	18* 24	27 x 23.375	2	80 60	100	.07"	6" x 23"
72"	650	18* 24	27 x 28.250	4	80 60	100	.11"	6" x 23"
84"	790	18* 24	27 x 34.250	4	80 60	100	.13"	6" x 26"
96"	930	18* 24	27 x 40.250	4	80 60	100	.07"	6" x 30"

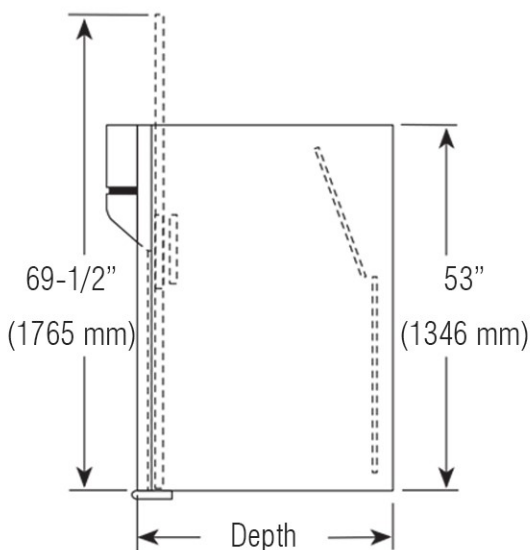
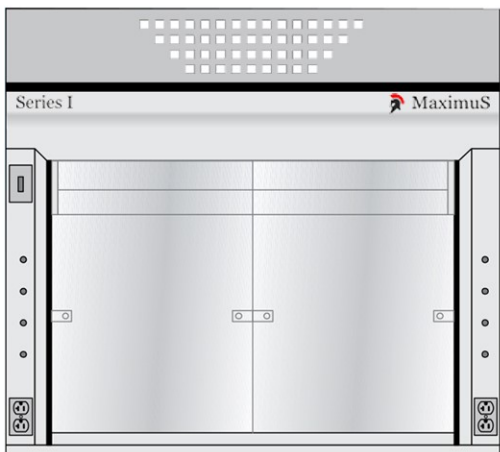
**Vertical face velocities – nominal.

Maximus Constant Volume and Restricted Bypass Fumehoods ship with both left and right enclosure panels. See next page for exhaust volumes

Bypass and restricted bypass vertical rising sash



Restricted byoass combination sash



Constant Volume Vertical Rising Unframed Sash
Product Numbers

	Depth		
Width	31.25" (870 mm)*	37.25" (946 mm)	43.25" (1099 mm)
48" (1219 mm)	54L2570POB	61L2570POB	62L2570POB
60" (1524 mm)	54L2571POB	61L2571POB	62L2571POB
72" (1829 mm)	54L2572POB	61L2572POB	62L2572POB
84" (2134 mm)	54L2573POB	61L2573POB	62L2573POB
96" (2438 mm)	54L2574POB	61L2574POB	62L2574POB

Restricted Bypass Vertical Rising Unframed Sash
Product Numbers

	Depth		
Width	31.25" (870 mm)*	37.25" (946 mm)	43.25" (1099 mm)
48" (1219 mm)	54L2750POB	61L2750POB	62L2750POB
60" (1524 mm)	54L2751POB	61L2751POB	62L2751POB
72" (1829 mm)	54L2752POB	61L2752POB	62L2752POB
84" (2134 mm)	54L2753POB	61L2753POB	62L2753POB
96" (2438 mm)	54L2754POB	61L2754POB	62L2754POB

Restricted Bypass Combination Sash
Product Numbers

	Depth		
Width	31.25" (870 mm)*	37.25" (946 mm)	43.25" (1099 mm)
48" (1219 mm)	54L2750PBB	61L2750PBB	62L2750PBB
60" (1524 mm)	54L2751PBB	61L2751PBB	62L2751PBB
72" (1829 mm)	54L2752PBB	61L2752PBB	62L2752PBB
84" (2134 mm)	54L2753PBB	61L2753PBB	62L2753PBB
96" (2438 mm)	54L2754PBB	61L2754PBB	62L2754PBB