A.T. VILLA™

technical guide

ergolab™

mobile laboratory system

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product lines

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Product specifications and designs are subject to change without notice and are those in effect at time of shipment.

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Ergolab™

A.T. Villa has set the standard for mobile bench design with the **Ergolab™** system. Development began before the new millennium and became one of our standard offerings in 2004. Designed to meet the needs of some of our largest clients, we designed the most robust and attractive mobile solution on the market today.

Ergolab™ takes flexibility to another level. The benches make the most of vertical space, which is often overlooked in laboratory design. The leveling casters allow the user to re-configure their laboratory with relative ease. The ability to quickly change your laboratory layout will provide continual operational cost savings for many years. The heavy duty leveling casters and rugged construction make the **Ergolab™** benching system the perfect solution for off-site assembly and roll-into-place installations, providing the fastest laboratory installations possible.

Ergolab™ is a modular dimensioned system designed for maximum flexibility. The unique design offers freestanding, wall, peninsula and island configurations. Units allow continual work surface by aligning side-to-side and back-to-back placement. The quick installation process provides cost savings over conventional lab systems. Benches are equipped with high load capacity leveling casters. The heavy-duty frame maintains full mobility while carrying loads up to 2600 pounds. Work surfaces, shelves and storage are height adjustable to one-inch increments. Bench frame accommodates service and cable management vertically and horizontally. This flexible frame design allows the user to easily expand and add on for future updates.

Ergolab™ is geared for change.

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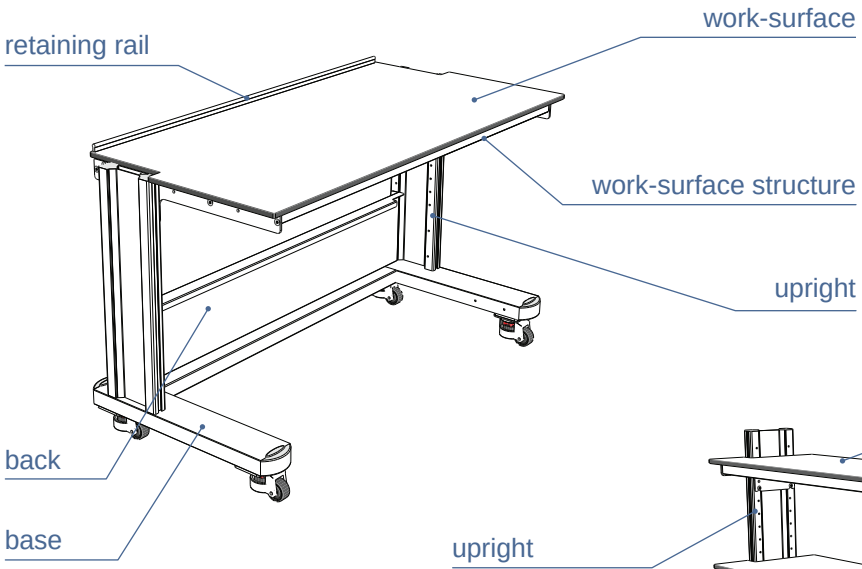

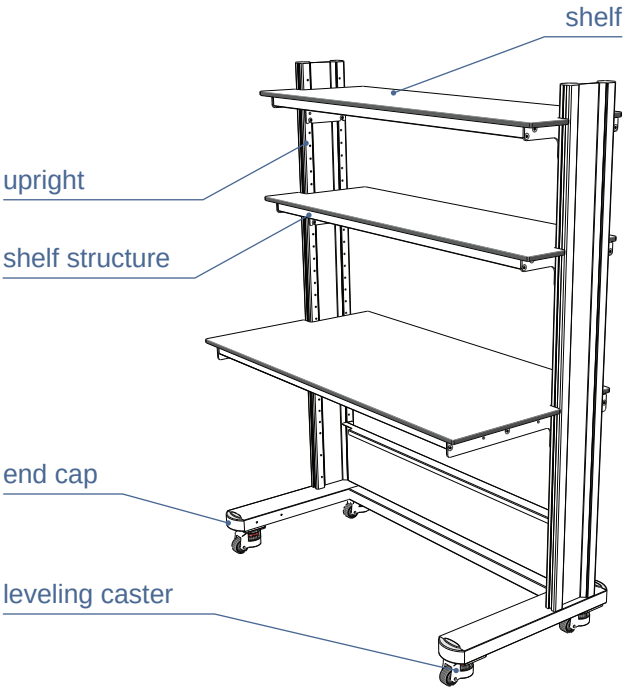

base	fully welded steel
uprights	extruded aluminum
backs	formed and welded steel
work-surface structure	steel sides and extruded aluminum rails
work-surface	phenolic resin, epoxy resin & stainless steel
shelf	phenolic resin, epoxy resin, stainless steel and painted steel
shelf structure	steel sides and extruded aluminum rails
retaining rails	extruded aluminum
leveling casters	allows for free rolling and leveling
end caps	polypropylene

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Base:
The base is a heavy duty welded steel assembly. The base is equipped with heavy duty leveling casters with a working weight load capacity of over 2600 pounds per set (4). The base design allows the addition of a base shelf (with the addition of a front support) that rests upon the base. The base is supplied with end caps made of high-impact PVC that are rounded to reduce the risk of ankle injury.

Back:
The back is a one-piece weldment of 14 gauge steel that offers added stability, prevents racking on the bench and adds support to the suspended cabinets.

Uprights:
The uprights are one-piece aluminum extrusion. The design of the upright provides attachment channels in the front and back of the uprights. The upright design also provides the ability to stack the uprights vertically, allowing a 36" tall bench to be extended up to a full height (77") bench. Shelves and worktops are adjustable in one inch increments, attaching to the uprights. The uprights are finished with a PVC cap on the top of the profile.

Work-Surface & Shelf Supports:
The work-surface structure and shelf structure are assemblies of two side supports and horizontal supports. The side supports are made from 1/4" thick plate steel. These mechanically attach to the inside of the uprights. Between the side supports are horizontal supports. The horizontal supports are an aluminum extrusion that supports the work-surfaces, shelves, cabinets and accessories.

Work-Surfaces & Shelves:
Work-surfaces and shelves mount to the top of their respective support structures. Work-Surfaces are available in phenolic resin, epoxy resin, laminate & stainless steel. Shelves are available in phenolic resin, epoxy resin, stainless steel & powder-coated steel. A base shelf is also an option that includes a lower steel support bar and a choice of phenolic resin or epoxy resin surface.

Retaining Rails:
Retaining rails are offered as an option on both work-surfaces and shelves. The retaining rails are an extruded aluminum profile and mechanically fasten to the rear of the tops to ensure they stay secure.

Finishes:
All steel and aluminum components, with the exception of the retaining rails are finished with polyester thermosetting powder-coating. The retaining rails are anodized in a clear matt finish.

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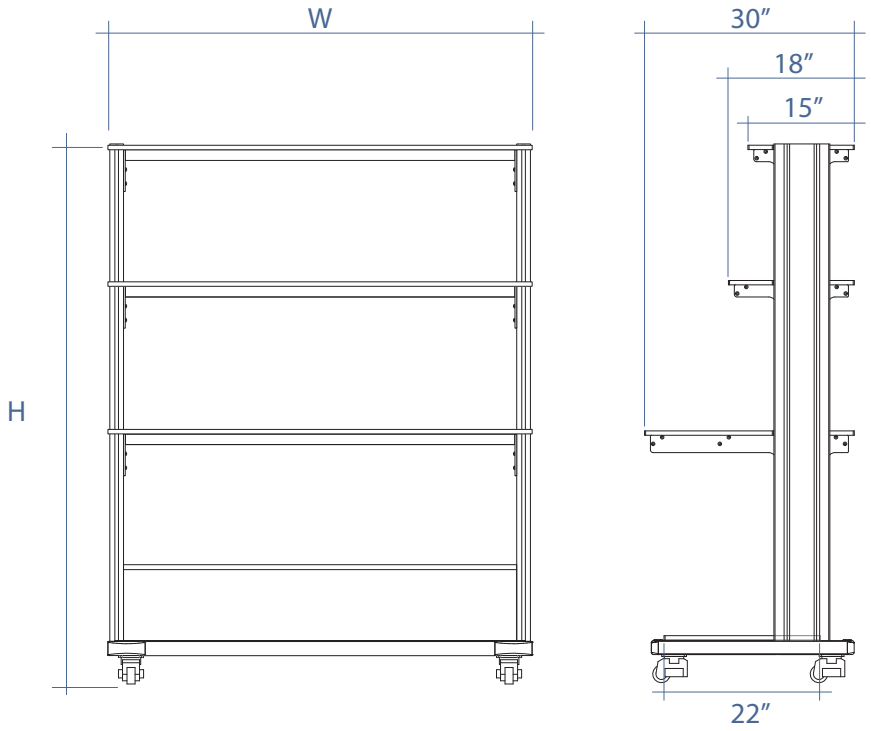
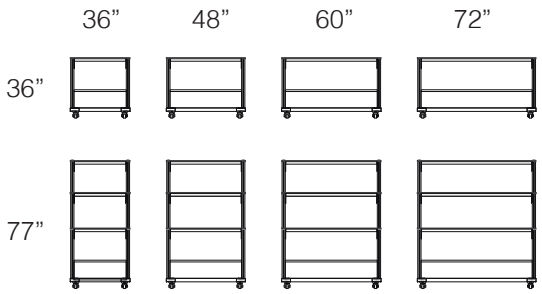


benches	
widths	36”, 48”, 60”, & 72”
depths	30”
heights	36” & 77”
shelves	
upper shelf depths	15” & 18”
base shelf depths	22”



The width and the depth are the dimensions of the top work-surface or shelf surface. The height is the nominal dimension of the bench structure.

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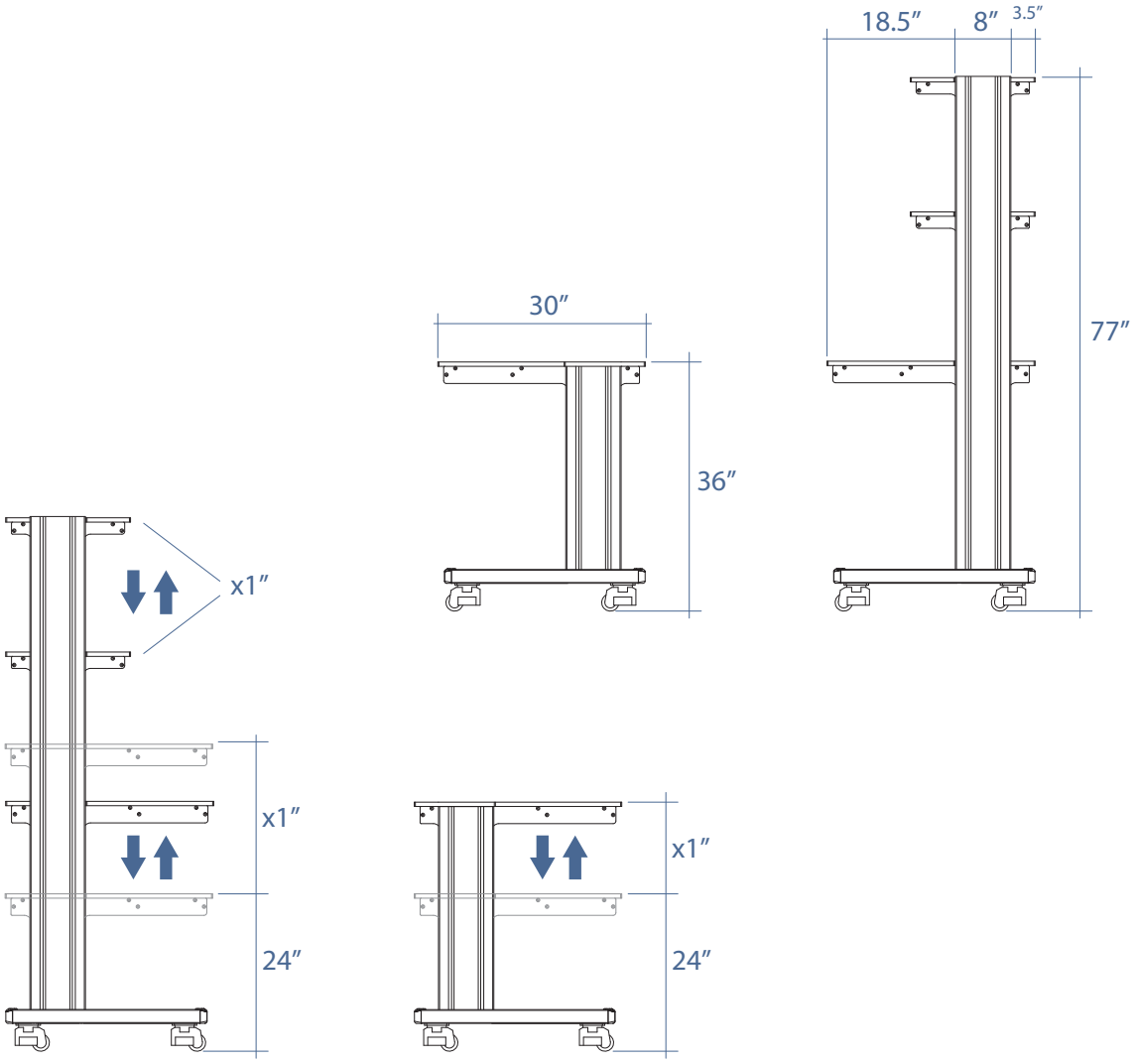

adjustments	
work-surfaces	1” increments (height) 24” min. - 42” max. height
upper shelves	1” increments, can be mounted above or below work-surface
low shelves	static, resting on base assembly
leveling	.75” of adjustability
additional height	upright extensions can be added to low (36”h) benches (page 16)

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How to Order

The Ergolab™ benching system is simple and easy to configure. Bench frame structures are selected from four widths and two heights. Next select your work-surface materials and storage needs. You will find services and accessories towards the end of this guide on page 62.

Determining Components

- Specify the bench frame structure needed. There are low benches, tall benches and sink bench frames. Benches are available in four standard widths [36", 48", 60" & 72"].
- Specify shelf structures as they are required. There are two upper shelf depths to choose from [15" & 18"] and a lower shelf that is base mounted and 22" deep.
- Specify work-surfaces required. Materials available are: phenolic resin, epoxy resin, stainless steel, powder-coated steel. Not listed in this guide but available are surfaces in high pressure laminate, Chemsurf and ESD equipped products.
- Specify cabinets from many styles and materials. Cabinets are available in steel, laminate and wood veneer finishes.
- Specify services and accessories. Services for water, gases, electrical and data are available in addition to computer supporting equipment and task lighting devices.

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Assistance

This guide is provided to create an understanding of how the Ergolab™ system works. If further assistance is needed please contact an A.T. Villa representative. The staff at A.T. Villa has decades of experience with laboratory furniture design and lab layout. We can fully assist you throughout the process.

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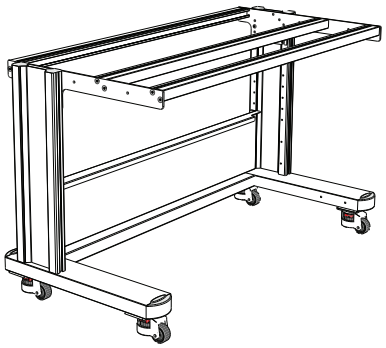


Frame measures 30” deep x 36” high

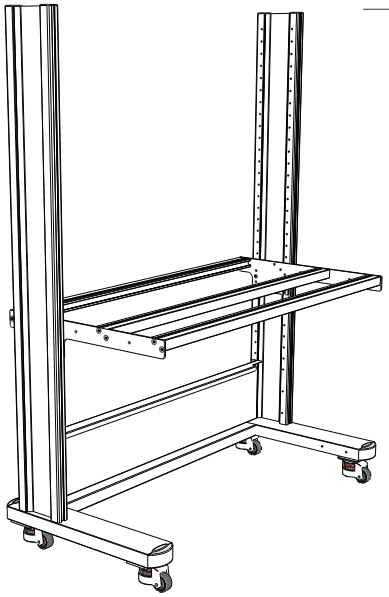
EB5336AW	36” wide
EB5436AW	48” wide
EB5536AW	60” wide
EB5636AW	72” wide

Includes:

Base,
Back support,
Leveling casters (4),
Uprights,
Work-surface support structure,
All fasteners

Standard color:
White
(RAL 9002)

Other colors are available upon request.



Frame measures 30” deep x 77” high

EB5337AW	36” wide
EB5437AW	48” wide
EB5537AW	60” wide
EB5637AW	72” wide

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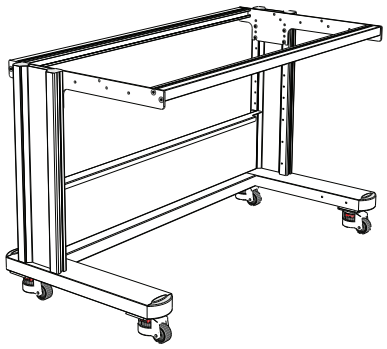


Frame measures 30” deep x 36” high

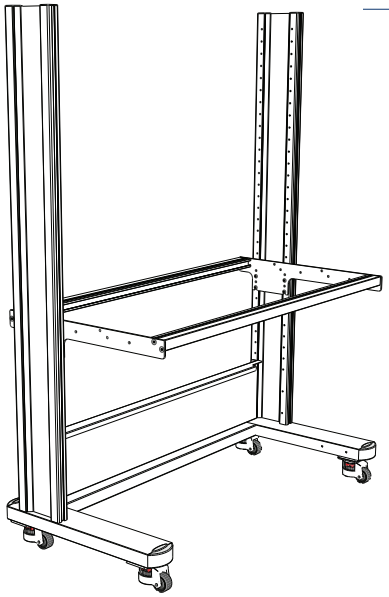
EB5336SW	36” wide
EB5436SW	48” wide
EB5536SW	60” wide
EB5636SW	72” wide

Includes:

Base,
Back support,
Leveling casters (4),
Uprights,
Work-surface support structure,
All fasteners

Standard color:
White
(RAL 9002)

Other colors are available upon request



Frame measures 30” deep x 77” high

EB5337SW	36” wide
EB5437SW	48” wide
EB5537SW	60” wide
EB5637SW	72” wide

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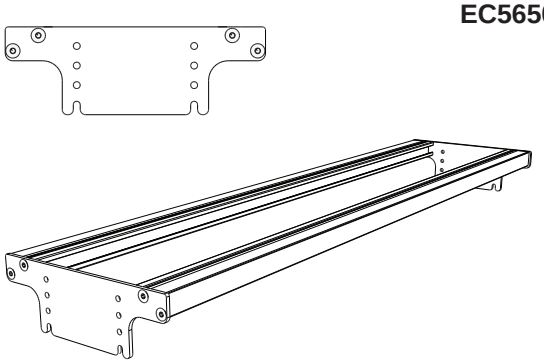
Frame for 15” deep shelves

EC5350AW	for 36” wide benches
EC5450AW	for 48” wide benches
EC5550AW	for 60” wide benches
EC5650AW	for 72” wide benches



Includes:

Shelf side supports for right & left,
Two aluminum horizontal,
All fasteners

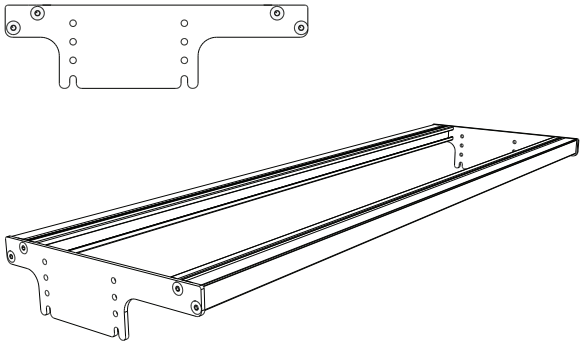
For use with phenolic and epoxy resin shelves.

Standard color:
White
(RAL 9002)

Other colors are available upon request.

Frame for 18” deep shelves

EC5380AW	for 36” wide benches
EC5480AW	for 48” wide benches
EC5580AW	for 60” wide benches
EC5680AW	for 72” wide benches



Steel and stainless steel shelves do not require these structures.

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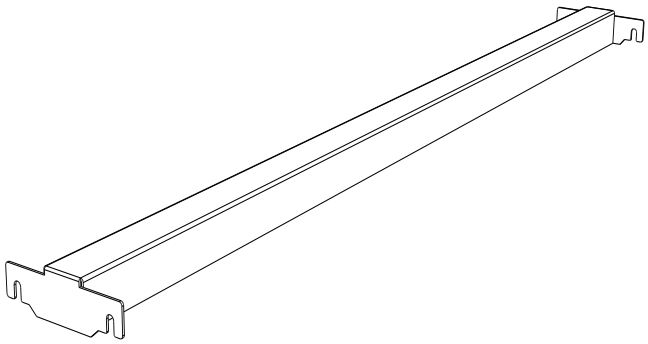
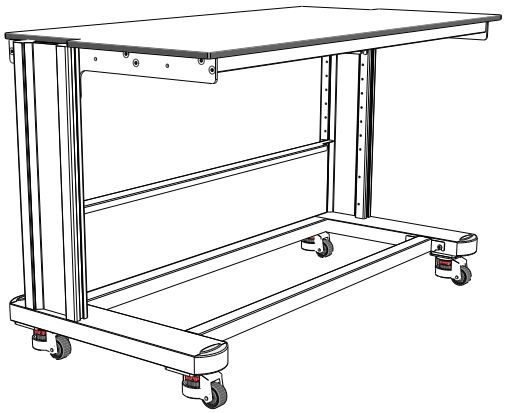
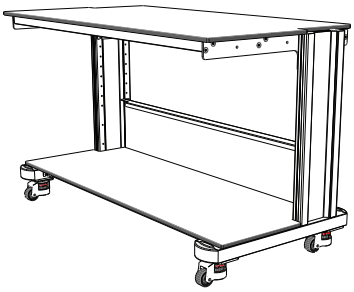
Frame for 22” deep low shelves		Includes:
EC5320AW	for 36” wide benches	Steel weldment, All fasteners
EC5420AW	for 48” wide benches	
EC5520AW	for 60” wide benches	For use with phenolic and epoxy resin shelves (see page 30-31).
EC5620AW	for 72” wide benches	Standard color: White (RAL 9002)
		Other colors are available upon request.



The base shelf structure is bolted to the front of the base weldment to add support for the shelf surface. *The shelf surface is not included as part of the structure.*





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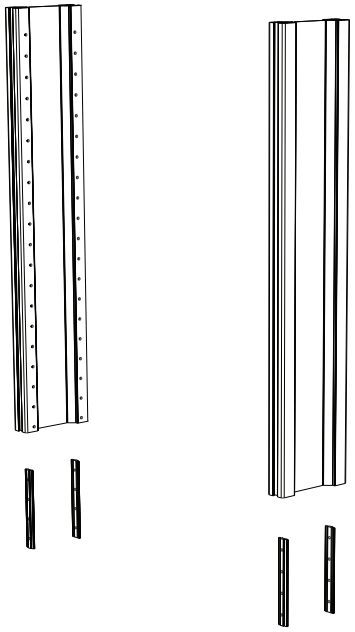
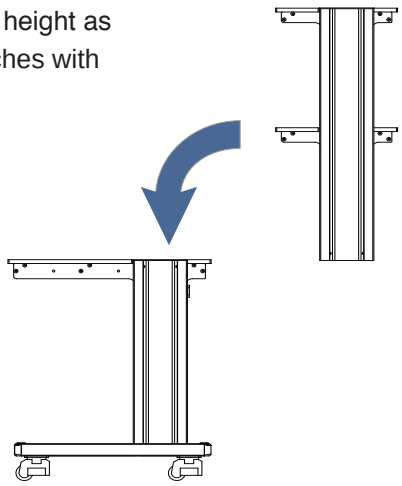
Extensions for bench uprights		Includes:
EA7000AW	41” high w/connectors	Two aluminum upright extensions, Four connectors, All fasteners

Standard color:
White
(RAL 9002)

Other colors are available upon request.



The uprights of low Ergolab™ benches can be extended to the same height as the full height Ergolab™ benches with the extensions.



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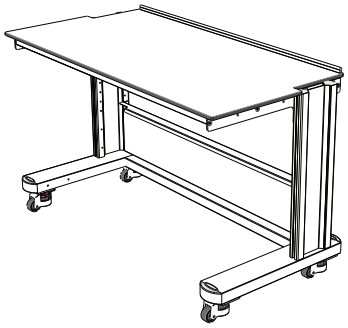

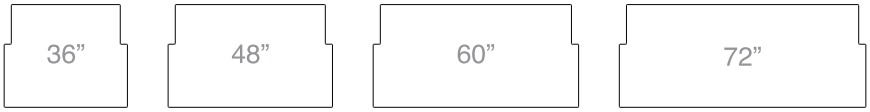

MATERIALS

Phenolic Resin Trespa is a leading manufacturer in phenolic resin surfaces for the laboratory environment. Trespa TopLab*PLUS* is a great value that is highly chemical and scratch resistant. White is the standard listed in this guide but we offer all Trespa TopLab*PLUS* stock colors. Standard top thickness is .625 in. (16mm). Other thickness available upon request. Please see the Trespa Color Chart on page 88.

Epoxy Resin Epoxy resin tops are a lab industry standard. Exceptional chemical resistance and durability. Colors: Black is the standard listed in this guide but other colors are available. Standard top thickness is .75 in. (19mm). Other thickness available upon request. Please see the Epoxy Resin Color Chart on page 89.

Stainless Steel Excellent chemical and corrosion resistance. Stainless steel tops are #304 stainless material. Standard top thickness is 1 in. (25mm)

Laminate Wilsonart® Chemsurf® Chemical-Resistant Laminate is produced for work tops and cabinet surfacing in intermediate-type laboratories where weight or cost constraints rule out slate, epoxy or stainless steel; the possibility of chemical spills rules out conventional high-pressure decorative laminate; or where a trend aware colored or patterned surface is desired. Chemsurf is also recommended in areas where indiscriminate use of a variety of cleaning agents may be used.
HPL, Chemsurf and ESD tops are available upon request.

Painted Steel Ergolab™ shelves are offered in powder-coated steel (work-surfaces are not offered in powder-coated steel).

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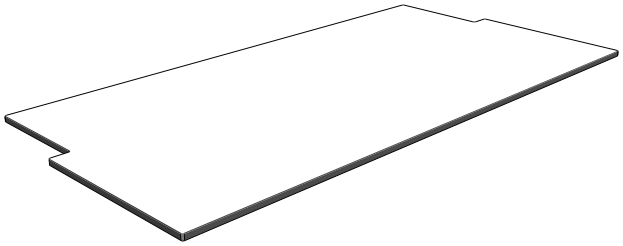
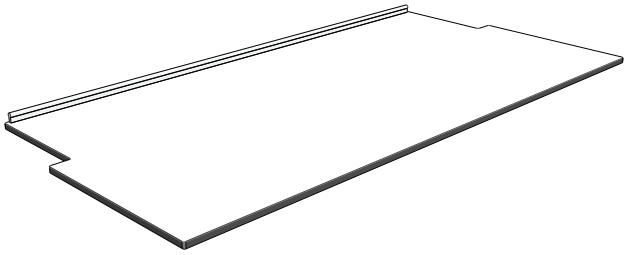
30” deep work-surface

ET3351AW	36” wide
ET3451AW	48” wide
ET3551AW	60” wide
ET3651AW	72” wide



30” deep work-surface includes retaining rails

ET3351RW	36” wide
ET3451RW	48” wide
ET3551RW	60” wide
ET3651RW	72” wide



Description:

Trespa TopLab*PLUS*

Standard thickness:
5/8” (16mm)

Standard color:
White (T03.0.0)

Other thicknesses and colors are available.
Please see the Trespa Color Chart on page 88.

Tops with retaining rails are pre-drilled for assembly.

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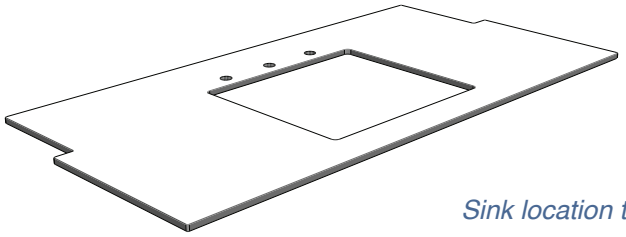
Product specifications, terms and pricing are subject to change without notice.

30” deep work-surface w/sink cut-out

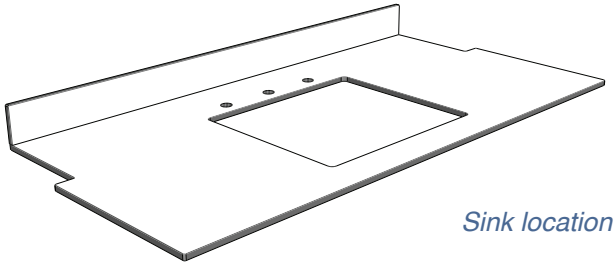
ET3351SW	36” wide
ET3451SW	48” wide
ET3551SW	60” wide
ET3651SW	72” wide



Sink location to be specified at time of order.

30” deep work-surface w/sink cut-out and backsplash

ET3351BW	36” wide
ET3451BW	48” wide
ET3551BW	60” wide
ET3651BW	72” wide



Sink location to be specified at time of order.

Description:

Trespa TopLab*PLUS*

Standard thickness: 5/8” (16mm)

Standard color: White (T03.0.0)

Other thicknesses and colors are available. Please see the Trespa Color Chart on page 88.

These work-tops include the cut-out for the hole for the sink and up to three holes for fixtures.

Illustrations and part numbers refer to sink cut out at any location right to left. Location must be indicated with drawings at time of order placement.

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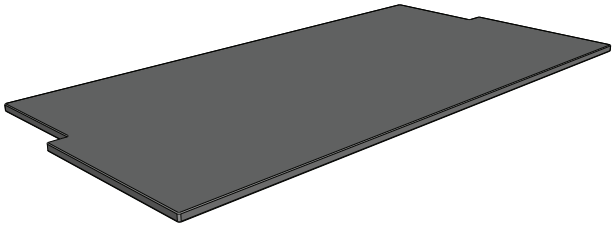
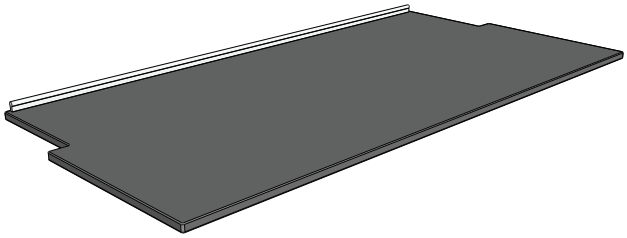
30” deep work-surface

ET1352AK	36” wide
ET1452AK	48” wide
ET1552AK	60” wide
ET1652AK	72” wide



30” deep work-surface includes retaining rails

ET1352RK	36” wide
ET1452RK	48” wide
ET1552RK	60” wide
ET1652RK	72” wide



Description:

Epoxy Resin

Standard thickness: 3/4” (19mm)

Standard color: Black

Other thicknesses and colors are available. Please see the Epoxy Color Chart on page 89.

Tops with retaining rails are pre-drilled for assembly.

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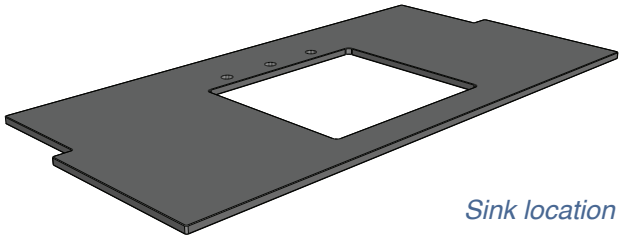
30” deep work-surface w/sink cut-out

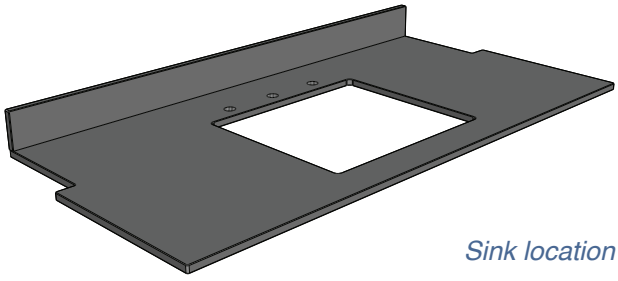
ET1352SK	36” wide
ET1452SK	48” wide
ET1552SK	60” wide
ET1652SK	72” wide



Sink location to be specified at time of order.

30” deep work-surface w/sink cut-out and backsplash

ET1352KK	36” wide
ET1452KK	48” wide
ET1552KK	60” wide
ET1652KK	72” wide



Sink location to be specified at time of order.

Description:

Epoxy Resin

Standard thickness: 3/4” (19mm)

Standard color: Black

Other thicknesses and colors are available. Please see the Epoxy Color Chart on page 89.

These work-tops include the cut-out for the hole for the sink and up to three holes for fixtures.

Illustrations and part numbers refer to sink cut out at any location right to left. Location must be indicated with drawings at time of order placement.

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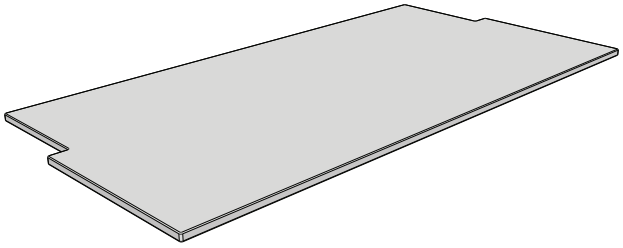
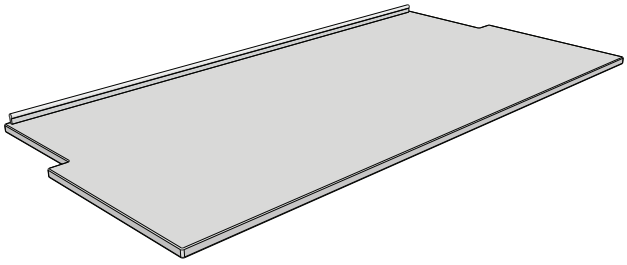
30” deep work-surface

ET4352AN	36” wide
ET4452AN	48” wide
ET4552AN	60” wide
ET4652AN	72” wide



30” deep work-surface includes retaining rail

ET4352RN	36” wide
ET4452RN	48” wide
ET4552RN	60” wide
ET4652RN	72” wide



Description:

#304 Stainless Steel

Standard thickness: 3/4” (19mm)

Standard color: Natural stainless steel with #4 satin finish.

Tops with retaining rails are pre-drilled for assembly.

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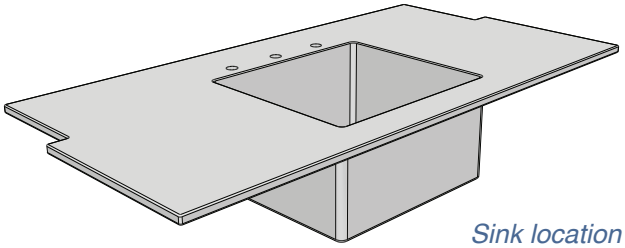
Product specifications, terms and pricing are subject to change without notice.

30” deep work-surface with integral sink

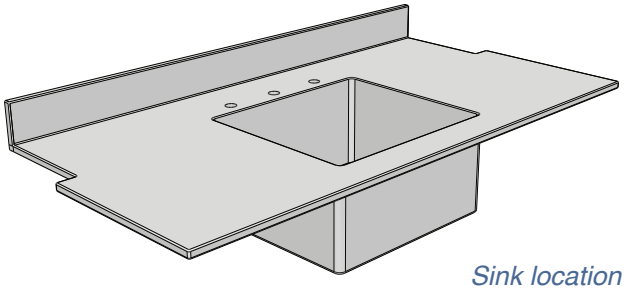
ET4352SN	36” wide
ET4452SN	48” wide
ET4552SN	60” wide
ET4652SN	72” wide



Sink location to be specified at time of order.

30” deep work-surface with integral sink/backsplash

ET4352KN	36” wide
ET4452KN	48” wide
ET4552KN	60” wide
ET4652KN	72” wide



Sink location to be specified at time of order.

Description:

#304 Stainless Steel

Standard thickness: 3/4” (19mm)

Standard color: Natural stainless steel with #4 satin finish.

Integral sink and backsplash

Strainer and tailpiece are included with sinks.

Illustrations and part numbers refer to sink cut out at any location right to left. Location must be indicated with drawings at time of order placement.

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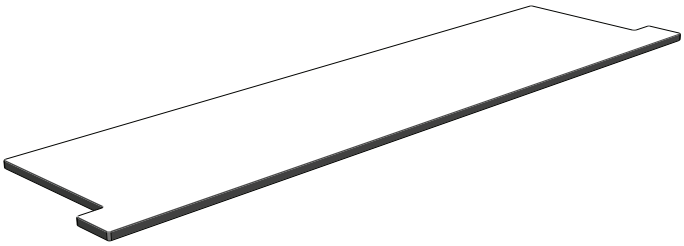
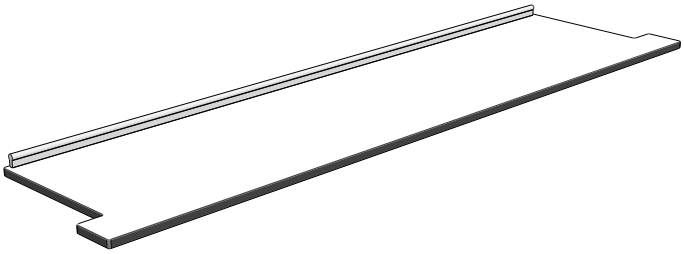
15” deep shelving

ES3321AW	36” wide
ES3421AW	48” wide
ES3521AW	60” wide
ES3621AW	72” wide



15” deep shelving with aluminum retaining rail

ES3321RW	36” wide
ES3421RW	48” wide
ES3521RW	60” wide
ES3621RW	72” wide



Description:

Trespa TopLab*PLUS*

Standard thickness:
5/8” (16mm)

Standard color:
White (T03.0.0)

Other thicknesses and colors are available.
Please see the Trespa Color Chart on page 88.

Tops with retaining rails are pre-drilled for assembly.

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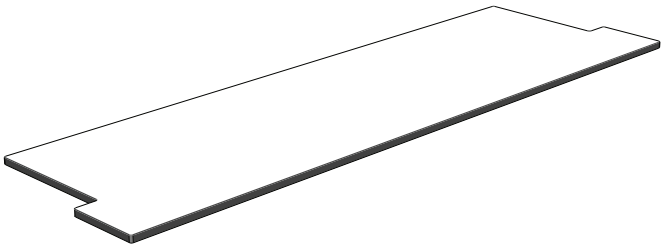
Product specifications, terms and pricing are subject to change without notice.

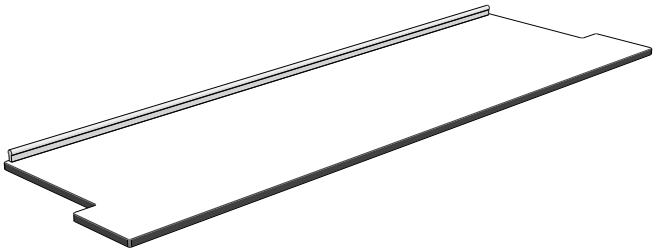
18” deep shelving

ES3331AW	36” wide
ES3431AW	48” wide
ES3531AW	60” wide
ES3631AW	72” wide



18” deep shelving with aluminum retaining rail

ES3331RW	36” wide
ES3431RW	48” wide
ES3531RW	60” wide
ES3631RW	72” wide



Description:

Trespa TopLab*PLUS*

Standard thickness:
5/8” (16mm)

Standard color:
White (T03.0.0)

Other thicknesses and colors are available.
Please see the Trespa Color Chart on page 88.

Tops with retaining rails are pre-drilled for assembly.

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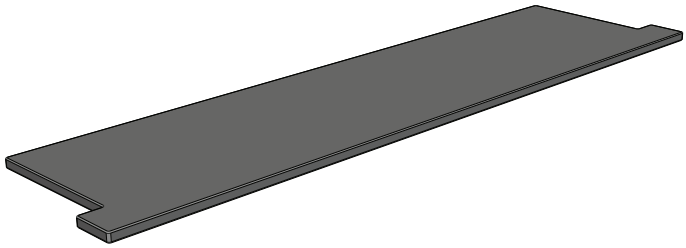
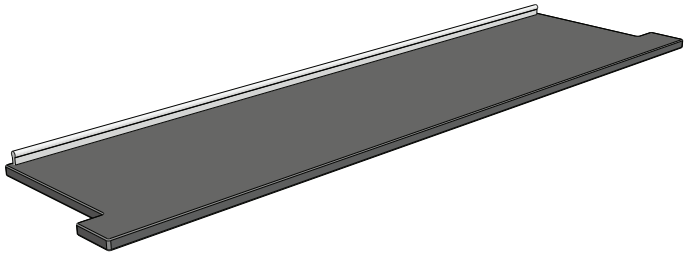
15” deep shelving

ES1322AK	36” wide
ES1422AK	48” wide
ES1522AK	60” wide
ES1622AK	72” wide



15” deep shelving with aluminum retaining rail

ES1322RK	36” wide
ES1422RK	48” wide
ES1522RK	60” wide
ES1622RK	72” wide



Description:

Epoxy Resin

Standard thickness: 3/4” (19mm)

Standard color: Black

Other thicknesses and colors are available.
Please see the Epoxy Color Chart on page 89.

Tops with retaining rails are pre-drilled for assembly.

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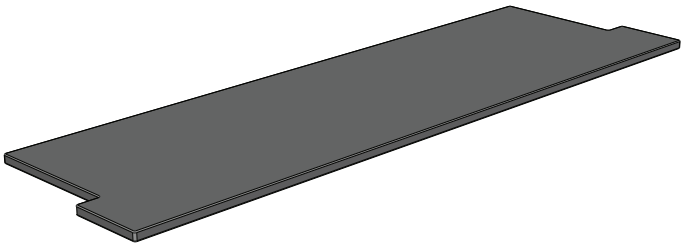
Product specifications, terms and pricing are subject to change without notice.

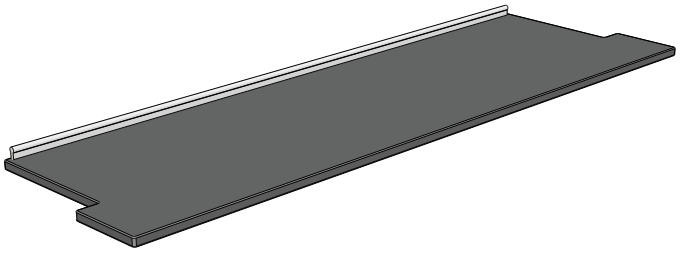
18” deep shelving

ES1332AK	36” wide
ES1432AK	48” wide
ES1532AK	60” wide
ES1632AK	72” wide



18” deep shelving with aluminum retaining rail

ES1332RK	36” wide
ES1432RK	48” wide
ES1532RK	60” wide
ES1632RK	72” wide



Description:

Epoxy Resin

Standard thickness: 3/4” (19mm)

Standard color: Black

Other thicknesses and colors are available. Please see the Epoxy Color Chart on page 89.

Tops with retaining rails are pre-drilled for assembly.

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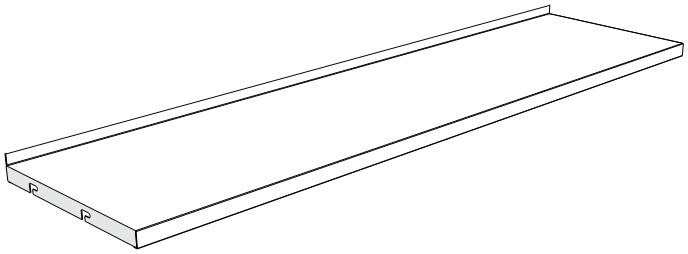
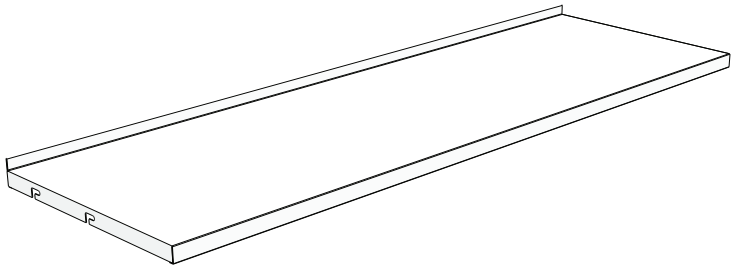
15” deep shelving with retaining lip

ES5324AW	36” wide
ES5424AW	48” wide
ES5524AW	60” wide
ES5624AW	72” wide



18” deep shelving with retaining lip

ES5334AW	36” wide
ES5434AW	48” wide
ES5534AW	60” wide
ES5634AW	72” wide



Description:

Cold Rolled Steel

Powder Coated

Standard thickness:
1.35” (35mm)

Standard color:
White
(RAL 9002)
Other colors available

Rear retaining lip is integral part of the shelf. The front of shelves allow the addition of retaining rails (optional).

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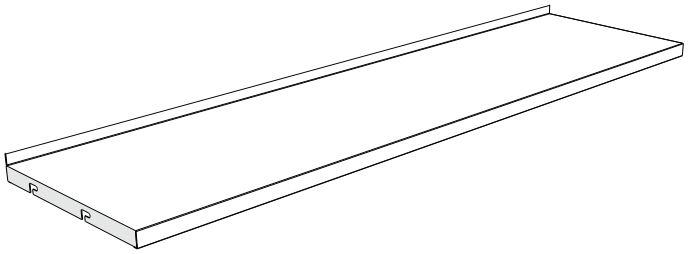
Product specifications, terms and pricing are subject to change without notice.

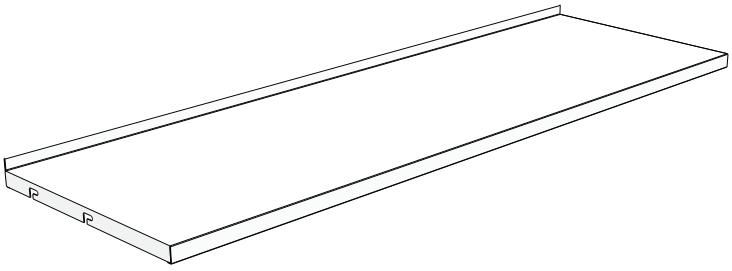
15” deep shelving with retaining lip

ES4344RN	36” wide
ES4424RN	48” wide
ES4524RN	60” wide
ES4624RN	72” wide



18” deep shelving with retaining lip

ES4334RN	36” wide
ES4434RN	48” wide
ES4534RN	60” wide
ES4634RN	72” wide



Description:

#304 Stainless Steel

Standard thickness: 1.35” (35mm)

Standard color: Natural stainless steel with #4 satin finish

Rear retaining lip is integral part of the shelf. The front of shelves allow the addition of retaining rails (optional).

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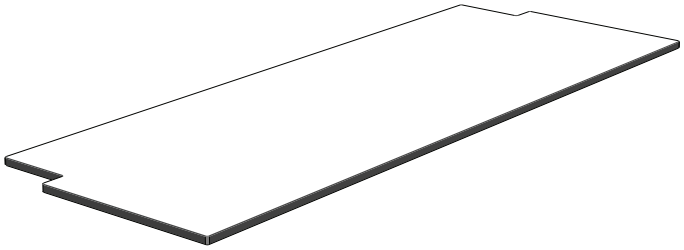
22” deep lower shelving

ES3341AW	36” wide
ES3441AW	48” wide
ES3541AW	60” wide
ES3641AW	72” wide



Description:

Trespa TopLab*PLUS*

Standard thickness:
5/8” (16mm)

Standard color:
White (T03.0.0)

Other thicknesses and colors are available.
Please see the Trespa Color Chart on page 88.

Shelves require steel tube cross support structure see page 15.

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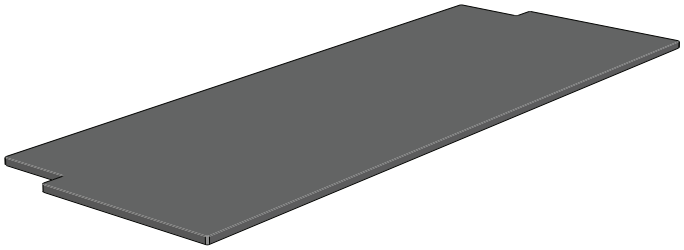
Product specifications, terms and pricing are subject to change without notice.

22” deep lower shelving

ES1342AK	36” wide
ES1442AK	48” wide
ES1542AK	60” wide
ES1642AK	72” wide



Description:

Epoxy Resin

Standard thickness:
3/4” (19mm)

Standard color:
Black

Other thicknesses and colors are available.
Please see the Epoxy Color Chart on page 89.

Shelves require steel tube cross support structure see page 15.

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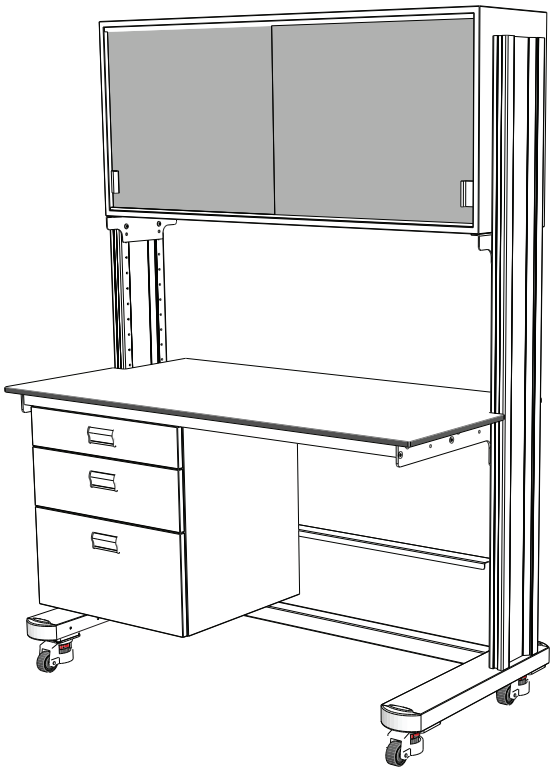
Cabinet Series

A.T. Villa offers a comprehensive product line of cabinet sizes and material choices. Cabinets are divided into different series by the height of the cabinet.

This technical guide for the **Ergolab™** benching system features the “M” series of base cabinets. The “M” series refers to the medium height cabinets. The MM and MS are the steel cabinets and the MM-L and MS-L are the laminate cabinets. The M series is our most commonly used pedestal size with the **Ergolab™** system. In addition to these series of pedestals we offer our overhead cabinets.

The next few pages provide a more detailed explanation of A.T. Villa’s cabinets offerings. If you require another series for your project please contact a representative.



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Product specifications, terms and pricing are subject to change without notice.

The series define the differences in height, basic material and whether they are on casters, suspended or overhead cabinets.

Series	Description	Type	Material
TM	Tall	Mobile	Steel
MM	Medium	Mobile	Steel
MS	Medium	Suspended	Steel
LM	Low	Mobile	Steel
LS	Low	Suspended	Steel
OH	Overhead	Suspended	Steel
TM-L	Tall	Mobile	Laminate
MM-L	Medium	Mobile	Laminate
MS-L	Medium	Suspended	Laminate
LM-L	Low	Mobile	Laminate
LS-L	Low	Suspended	Laminate
OH-L	Overhead	Suspended	Laminate

Cabinets are also available in all configurations as steel body cabinets with natural wood drawer and door faces. Other custom finishes, configurations and materials are available.

So which cabinet is best for your lab?

T Series cabinets are the tallest and when your benches are adjusted to 36” work-surface height they utilize nearly all of the space below the bench. **T Series** cabinets are 32” tall (nom.) **T Series** cabinets are only available as mobile (casters) cabinets. If you are using your work-surfaces at 34” - 36” or higher these cabinets offer you the most efficient amount of storage.

M Series cabinets are a medium height cabinet that offers more flexibility with work-surface heights. **M Series** cabinets are available as mobile and suspended units. The cabinets are 29” tall including casters (nom.) and 25” tall in the suspended version. **M Series** cabinets allow the user to adjust the work-surface to lower heights than the taller series. These cabinets can be used on benches with work-surfaces at 31” - 36” or higher.

L Series cabinets are the lowest height cabinets in our offering. These are commonly used for benches set at sit down heights of 29” - 30” but can also be used at taller work-surface heights. **L Series** cabinets are available as mobile or suspended. **L Series** cabinets are 25” tall including casters (nom.) and 22” tall in the suspended version.

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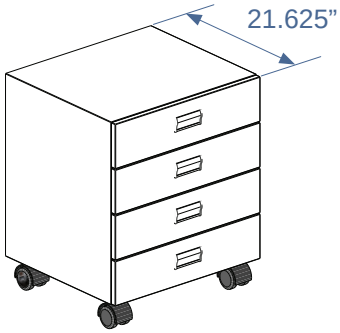


Base Cabinets

All modular* base cabinets are 21.625” deep. Widths are 18”, 24”, 30” & 36”.

Heights given for mobile cabinets include the caster into the total height dimension stated. The caster height is 3.5”.

Mobile cabinets include casters and suspended cabinets include all mounting hardware.

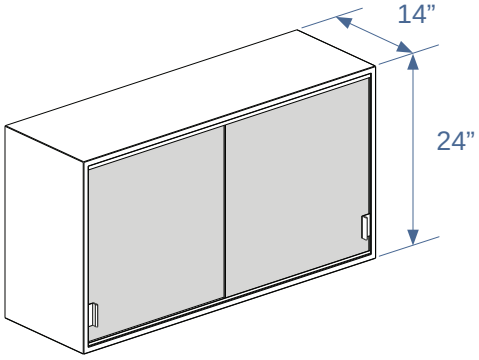
Overhead Cabinets

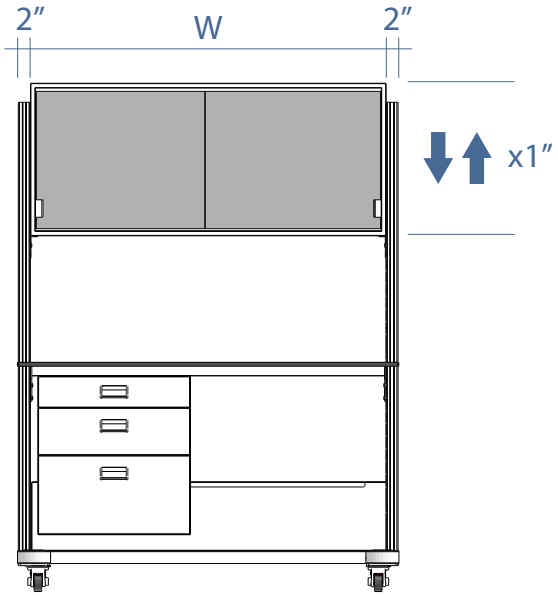
All modular* overhead cabinets are 14” deep and 24” high. Widths are 32”, 44”, 56” & 68”.

Overhead cabinets include all mounting brackets and hardware.

Overhead cabinets include one level of shelving.

Mounting height is adjustable in one inch increments.





* Our fixed line of cabinets called “Basic” are different depths. Please refer to the A.T. Villa Basic Technical Guide for more information.

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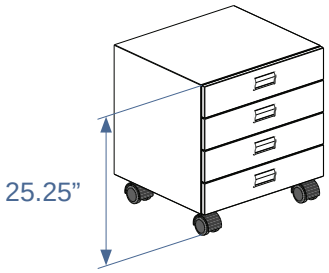
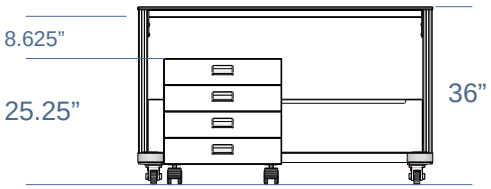
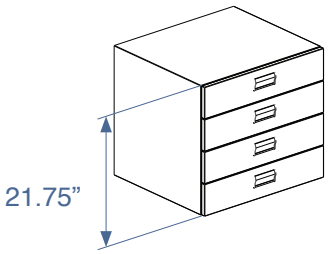
Product specifications, terms and pricing are subject to change without notice.

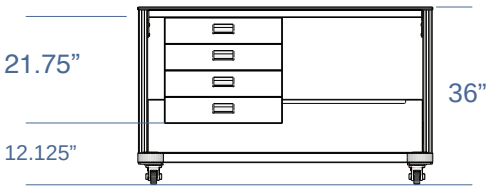


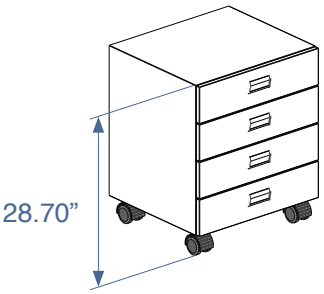
LM Series



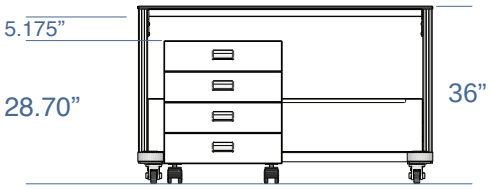


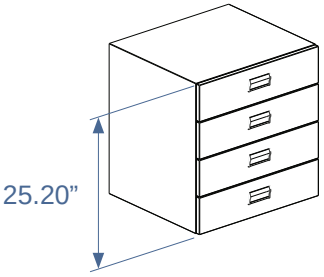
LS Series



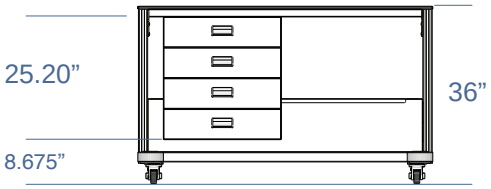


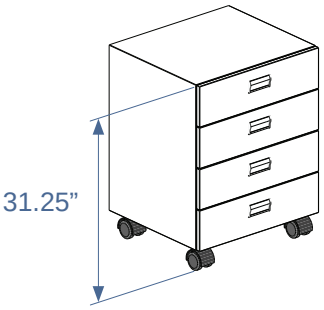
MM Series



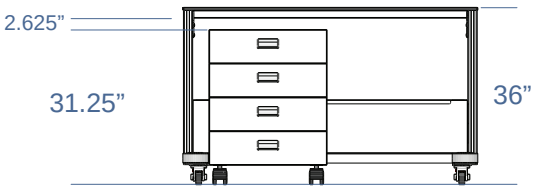


MS Series





TM Series



Steel cabinets are used in the example of dimensions above. The laminate and wood cabinets are the same basic dimensions.

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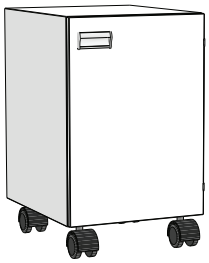
MM Series

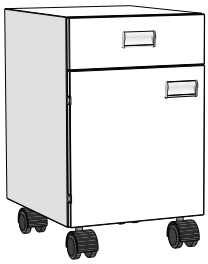
Cabinet measures: 18”w x 21.6”d x 29”h

CM5225BW one door - left hinge
(24 7/8” tall)
one shelf



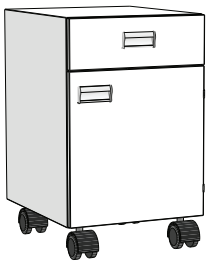
Cabinet measures: 18”w x 21.6”d x 29”h

CM5225CW one door - right hinge
(24 7/8” tall)
one shelf



Cabinet measures: 18”w x 21.6”d x 29”h

CM5225DW one drawer
(6 1/8” tall)
one door - left hinge
(18 5/8” tall)
one shelf



Cabinet measures: 18”w x 21.6”d x 29”h

CM5225EW one drawer
(6 1/8” tall)
one door - right hinge
(18 5/8” tall)
one shelf

Cabinet includes:

Cabinet,
Pulls,
Casters,
Hardware

Color: White
(RAL 9002)
other colors are available

Multiple drawer cabinets are equipped with an anti-tip device.

Locking options are available.

Trespa TopLab*PLUS* work-surfaces for cabinet tops are an available option.

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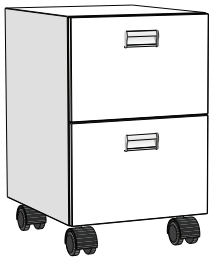
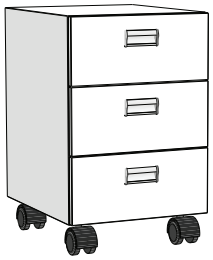
MM Series



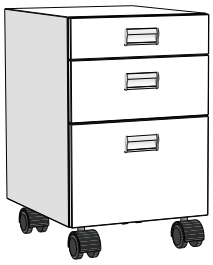
Cabinet measures: 18”w x 21.6”d x 29”h

CM5225GW two file drawer
(12 3/8” tall)



Cabinet measures: 18”w x 21.6”d x 29”h

CM5225JW three drawer
(7 3/8” tall)



Cabinet measures: 18”w x 21.6”d x 29”h

CM5225KW one narrow drawer
(4 7/8” tall)
one drawer
(7 3/8” tall)
one file drawer
(12 3/8” tall)

Cabinet measures: 18”w x 21.6”d x 29”h

CM5225MW four drawers
(6 1/8” tall)

Cabinet includes:

Cabinet,
Pulls,
Casters,
Hardware

Color: White
(RAL 9002)
other colors are available

Multiple drawer cabinets are equipped with an anti-tip device.

Locking options are available.

Trespa TopLab*PLUS* work-surfaces for cabinet tops are an available option.

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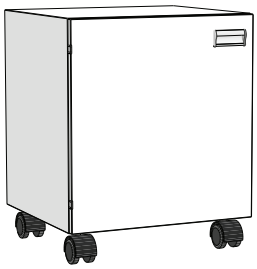
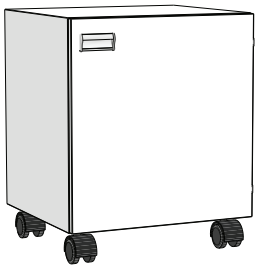
MM Series



Cabinet measures: 24”w x 21.6”d x 29”h

CM5325BW one door - left hinge
(24 7/8” tall)
one shelf



Cabinet measures: 24”w x 21.6”d x 29”h

CM5325CW one door - right hinge
(24 7/8” tall)
one shelf

Cabinet measures: 24”w x 21.6”d x 29”h

CM5325DW one drawer
(6 1/8” tall)
one door - left hinge
(18 5/8” tall)
one shelf

Cabinet measures: 24”w x 21.6”d x 29”h

CM5325EW one drawer
(6 1/8” tall)
one door - right hinge
(18 5/8” tall)
one shelf

Cabinet includes:

Cabinet,
Pulls,
Casters,
Hardware

Color: White
(RAL 9002)
other colors are available

Multiple drawer cabinets are equipped with an anti-tip device.

Locking options are available.

Trespa TopLab*PLUS* work-surfaces for cabinet tops are an available option.

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MM Series

Cabinet measures: 24”w x 21.6”d x 29”h

CM5325GW two file drawer
(12 3/8” tall)

Cabinet measures: 24”w x 21.6”d x 29”h

CM5325JW three drawer
(7 3/8” tall)
three drawer
(7 3/8” tall)

Cabinet measures: 24”w x 21.6”d x 29”h

CM5325KW one narrow drawer
(4 7/8” tall)
one drawer
(7 3/8” tall)
one file drawer
(12 3/8” tall)

Cabinet measures: 24”w x 21.6”d x 29”h

CM5325MW four drawers
(6 1/8” tall)

Cabinet includes:

Cabinet,
Pulls,
Casters,
Hardware

Color: White
(RAL 9002)
other colors are available

Multiple drawer cabinets are equipped with an anti-tip device.

Locking options are available.

Trespa TopLab*PLUS* work-surfaces for cabinet tops are an available option.

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MM Series

Cabinet measures: 30”w x 21.6”d x 29”h

CM5425AW two doors *(24 7/8” tall)* one shelf

Cabinet measures: 30”w x 21.6”d x 29”h

CM5425FW one drawer *(6 1/8” tall)* two doors *(18 5/8” tall)* one shelf

Cabinet measures: 30”w x 21.6”d x 29”h

CM5425HW two drawers *(6 1/8” tall)* two doors *(18 5/8” tall)* one shelf

Cabinet measures: 30”w x 21.6”d x 29”h

CM5425JW three drawer *(7 3/8” tall)*

Cabinet includes:

Cabinet,
Pulls,
Casters,
Hardware

Color: White
(RAL 9002)
other colors are available

Multiple drawer cabinets are equipped with an anti-tip device.

Locking options are available.

Trespa TopLab*PLUS* work-surfaces for cabinet tops are an available option.

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Product specifications, terms and pricing are subject to change without notice.

MM Series

Cabinet measures: 30”w x 21.6”d x 29”h

CM5425NW two top drawers *(6 1/8” tall)* two drawers *(9 1/4” tall)*

Cabinet measures: 30”w x 21.6”d x 29”h

CM5425MW four drawers *(6 1/8” tall)*

Cabinet includes:

Cabinet,
Pulls,
Casters,
Hardware

Color: White (RAL 9002)
other colors are available

Multiple drawer cabinets are equipped with an anti-tip device.

Locking options are available.

Trespa TopLab*PLUS* work-surfaces for cabinet tops are an available option.

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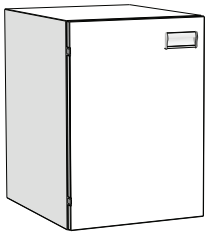
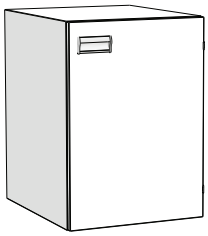
MS Series



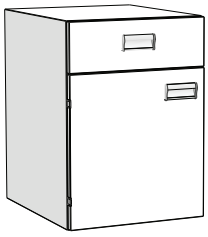
Cabinet measures: 18”w x 21.6”d x 25”h

CS5225BW one door - left hinge
(24 7/8” tall)
one shelf



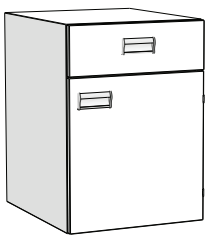
Cabinet measures: 18”w x 21.6”d x 25”h

CS5225CW one door - right hinge
(24 7/8” tall)
one shelf



Cabinet measures: 18”w x 21.6”d x 25”h

CS5225DW one drawer
(6 1/8” tall)
one door - left hinge
(18 5/8” tall)
one shelf



Cabinet measures: 18”w x 21.6”d x 25”h

CS5225EW one drawer
(6 1/8” tall)
one door - right hinge
(18 5/8” tall)
one shelf

Cabinet includes:

Cabinet,
Pulls,
Casters,
Hardware

Color: White
(RAL 9002)
other colors are available

Locking options are available.

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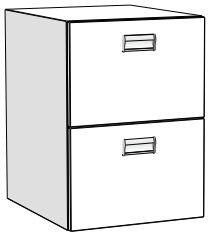
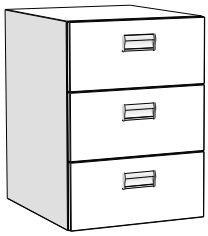
MS Series



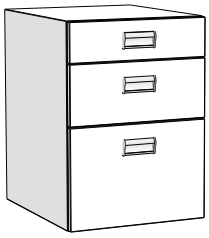
Cabinet measures: 18”w x 21.6”d x 25”h

CS5225GW two file drawer
(12 3/8” tall)



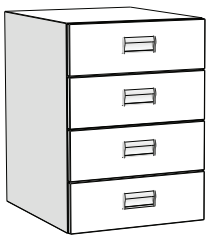
Cabinet measures: 18”w x 21.6”d x 25”h

CS5225JW three drawer
(7 3/8” tall)



Cabinet measures: 18”w x 21.6”d x 25”h

CS5225KW one narrow drawer
(4 7/8” tall)
one drawer
(7 3/8” tall)
one file drawer
(12 3/8” tall)



Cabinet measures: 18”w x 21.6”d x 25”h

CS5225MW four drawers
(6 1/8” tall)

Cabinet includes:

Cabinet,
Pulls,
Casters,
Hardware

Color: White
(RAL 9002)
other colors are available

Locking options are available.

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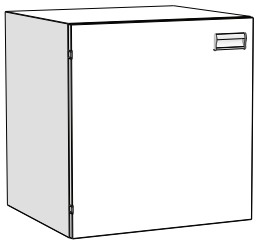
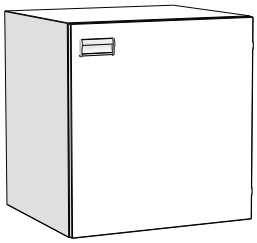
MS Series



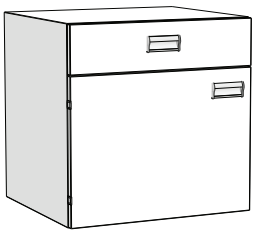
Cabinet measures: 24”w x 21.6”d x 25”h

CS5325BW one door - left hinge
(24 7/8” tall)
one shelf



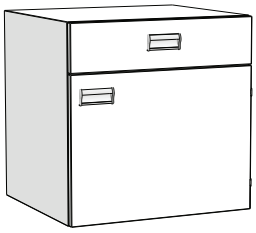
Cabinet measures: 24”w x 21.6”d x 25”h

CS5325CW one door - right hinge
(24 7/8” tall)
one shelf



Cabinet measures: 24”w x 21.6”d x 25”h

CS5325DW one drawer
(6 1/8” tall)
one door - left hinge
(18 5/8” tall)
one shelf



Cabinet measures: 24”w x 21.6”d x 25”h

CS5325EW one drawer
(6 1/8” tall)
one door - right hinge
(18 5/8” tall)
one shelf

Cabinet includes:

Cabinet,
Pulls,
Casters,
Hardware

Color: White
(RAL 9002)
other colors are available

Locking options are available.

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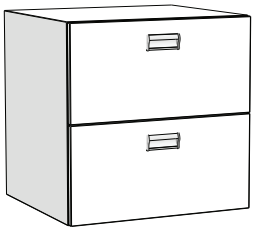
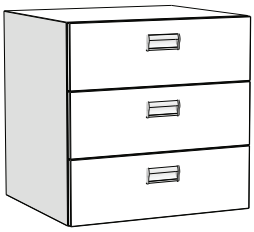


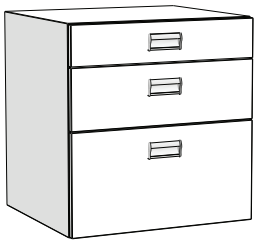
Cabinet measures: 24”w x 21.6”d x 25”h

CS5325GW two file drawers
(12 3/8” tall)



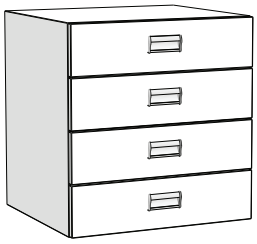
Cabinet measures: 24”w x 21.6”d x 25”h

CS5325JW three drawers
(7 3/8” tall)



Cabinet measures: 24”w x 21.6”d x 25”h

CS5325KW one narrow drawer
(4 7/8” tall)
one drawer
(7 3/8” tall)
one file drawer
(12 3/8” tall)



Cabinet measures: 24”w x 21.6”d x 25”h

CS5325MW four drawers
(6 1/8” tall)

Cabinet includes:

Cabinet,
Pulls,
Casters,
Hardware

Color: White
(RAL 9002)
other colors are available

Locking options are available.

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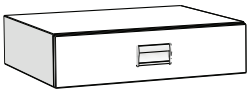
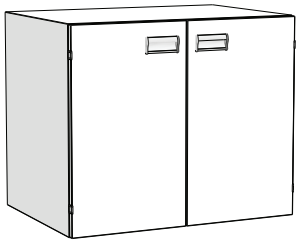
MS Series



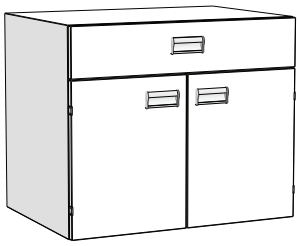
Cabinet measures: 24”w x 21.6”d x 5”h

CS5329PW one narrow drawer
(4 7/8” tall)



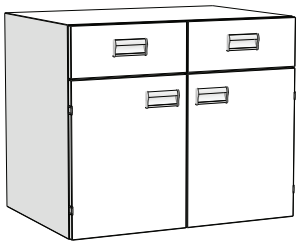
Cabinet measures: 30”w x 21.6”d x 25”h

CS5425AW two doors
(24 7/8” tall)
one shelf



Cabinet measures: 30”w x 21.6”d x 25”h

CS5425FW one drawer
(6 1/8” tall)
two doors
(18 5/8” tall)
one shelf



Cabinet measures: 30”w x 21.6”d x 25”h

CS5425HW two top drawers
(6 1/8” tall)
two doors
(18 5/8” tall)
one shelf

Cabinet includes:

Cabinet,
Pulls,
Casters,
Hardware

Color: White
(RAL 9002)
other colors are available

Locking options are available.

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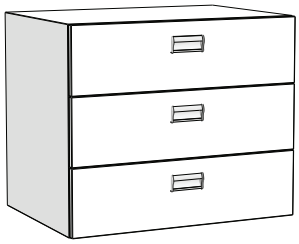
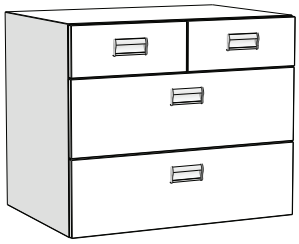
Product specifications, terms and pricing are subject to change without notice.

MS Series



Cabinet measures: 30”w x 21.6”d x 25”h

CS5425JW three drawers
(7 3/8” tall)

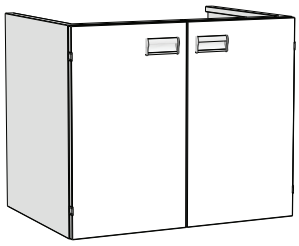


Cabinet measures: 30”w x 21.6”d x 25”h

CS5425NW two side-by-side drawers
(6 1/8” tall)
two drawers
(9 1/4” tall)

Cabinet measures: 30”w x 21.6”d x 25”h

CS5425MW four drawers
(6 1/8” tall)



Cabinet measures: 30”w x 21.6”d x 25”h

CS5425SW sink pedestal
two doors
(24 7/8” tall)
cut out for plumbing

Cabinet includes:

Cabinet,
Pulls,
Casters,
Hardware

Color: White
(RAL 9002)
other colors are available

Locking options are available.

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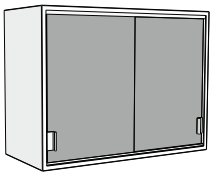
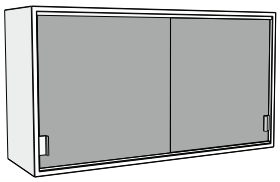
OH Series



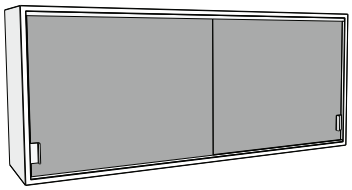
Cabinet measures: 32”w x 14”d x 24”h

CO5514VW two glass sliding doors
one shelf
for 36” bench



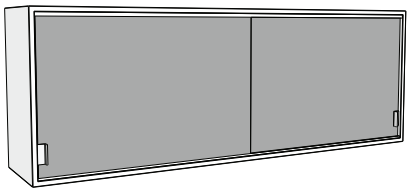
Cabinet measures: 44”w x 14”d x 24”h

CO5614VW two glass sliding doors
one shelf
for 48” bench



Cabinet measures: 56”w x 14”d x 24”h

CO5714VW two glass sliding doors
center divider
two shelves
for 60” bench



Cabinet measures: 68”w x 14”d x 24”h

CO5814VW two glass sliding doors
center divider
two shelves
for 72” bench

Cabinet includes:

Cabinet,
Mounts,
Hardware

Color: White
(RAL 9002)
other colors are available

Glass sliding track and door pulls are anodized aluminum. Clear glass with polished edge (1/4” thick)

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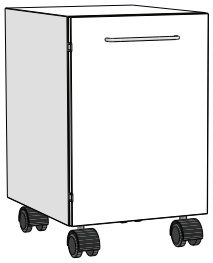
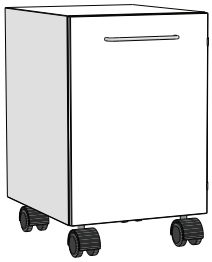
Product specifications, terms and pricing are subject to change without notice.

MM-L Series



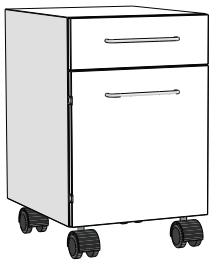
Cabinet measures: 18”w x 21.6”d x 29”h

CM2225BW one door - left hinge
(24 7/8” tall)
one shelf



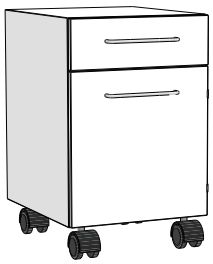
Cabinet measures: 18”w x 21.6”d x 29”h

CM2225CW one door - right hinge
(24 7/8” tall)
one shelf



Cabinet measures: 18”w x 21.6”d x 29”h

CM2225DW one drawer
(6 1/8” tall)
one door - left hinge
(18 5/8” tall)
one shelf



Cabinet measures: 18”w x 21.6”d x 29”h

CM2225EW one drawer
(6 1/8” tall)
one door - right hinge
(18 5/8” tall)
one shelf

Cabinet includes:

Cabinet,
Pulls,
Casters,
Hardware

Color: White
other colors are available

Multiple drawer cabinets are equipped with an anti-tip device.

Locking options are available.

Trespa TopLab*PLUS* work-surfaces for cabinet tops are an available option.

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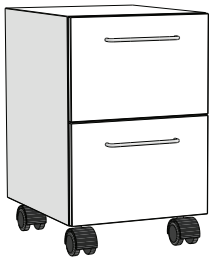
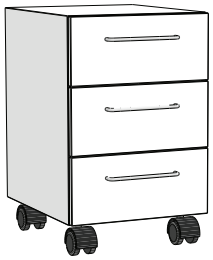
MM-L Series



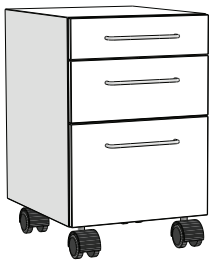
Cabinet measures: 18”w x 21.6”d x 29”h

CM2225GW two file drawers *(12 3/8” tall)*



Cabinet measures: 18”w x 21.6”d x 29”h

CM2225JW three drawers *(7 3/8” tall)*



Cabinet measures: 18”w x 21.6”d x 29”h

CM2225KW one narrow drawer *(4 7/8” tall)*
one drawer *(7 3/8” tall)*
one file drawer *(12 3/8” tall)*

Cabinet measures: 18”w x 21.6”d x 29”h

CM2225MW four drawers *(6 1/8” tall)*

Cabinet includes:

Cabinet,
Pulls,
Casters,
Hardware

Color: White
other colors are available

Multiple drawer cabinets are equipped with an anti-tip device.

Locking options are available.

Trespa TopLab*PLUS* work-surfaces for cabinet tops are an available option.

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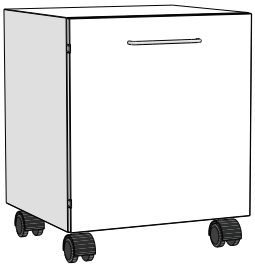
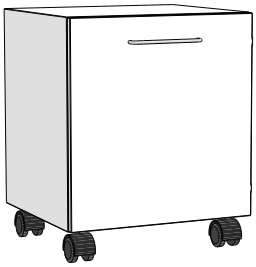
MM-L Series



Cabinet measures: 24”w x 21.6”d x 29”h

CM2325BW one door - left hinge
(24 7/8” tall)
one shelf



Cabinet measures: 24”w x 21.6”d x 29”h

CM2325CW one door - right hinge
(24 7/8” tall)
one shelf

Cabinet measures: 24”w x 21.6”d x 29”h

CM2325DW one drawer
(6 1/8” tall)
one door - left hinge
(18 5/8” tall)
one shelf

Cabinet measures: 24”w x 21.6”d x 29”h

CM2325EW one drawer
(6 1/8” tall)
one door - right hinge
(18 5/8” tall)
one shelf

Cabinet includes:

Cabinet,
Pulls,
Casters,
Hardware

Color: White
other colors are available

Multiple drawer cabinets are equipped with an anti-tip device.

Locking options are available.

Trespa TopLab*PLUS* work-surfaces for cabinet tops are an available option.

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MM-L Series

Cabinet measures: 24”w x 21.6”d x 29”h

CM2325GW two file drawers
(12 3/8” tall)

Cabinet measures: 24”w x 21.6”d x 29”h

CM2325JW three drawers
(7 3/8” tall)

Cabinet measures: 24”w x 21.6”d x 29”h

CM2325KW one narrow drawer
(4 7/8” tall)
one drawer
(7 3/8” tall)
one file drawer
(12 3/8” tall)

Cabinet measures: 24”w x 21.6”d x 29”h

CM2325MW four drawers
(6 1/8” tall)

Cabinet includes:

Cabinet,
Pulls,
Casters,
Hardware

Color: White
other colors are available

Multiple drawer cabinets are equipped with an anti-tip device.

Locking options are available.

Trespa TopLab*PLUS* work-surfaces for cabinet tops are an available option.

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Product specifications, terms and pricing are subject to change without notice.

MM-L Series

Cabinet measures: 30”w x 21.6”d x 29”h

CM2425AW two door
(24 7/8” tall)
one shelf

Cabinet measures: 30”w x 21.6”d x 29”h

CM2425FW one drawer
(6 1/8” tall)
two doors
(18 5/8” tall)
one shelf

Cabinet measures: 30”w x 21.6”d x 29”h

CM2425HW two drawers
(6 1/8” tall)
two doors
(18 5/8” tall)
one shelf

Cabinet measures: 30”w x 21.6”d x 29”h

CM2425JW three drawers
(7 3/8” tall)

Cabinet includes:

Cabinet,
Pulls,
Casters,
Hardware

Color: White
other colors are available

Multiple drawer cabinets are equipped with an anti-tip device.

Locking options are available.

Trespa TopLab*PLUS* work-surfaces for cabinet tops are an available option.

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MM-L Series

Cabinet measures: 30”w x 21.6”d x 29”h

CM2425NW	two top drawers *(6 1/8” tall)* two drawers *(9 1/4” tall)*

Cabinet measures: 30”w x 21.6”d x 29”h

CM2425MW	four drawers *(6 1/8” tall)*

Cabinet includes:

Cabinet,
Pulls,
Casters,
Hardware

Color: White
other colors are available

Multiple drawer cabinets are equipped with an anti-tip device.

Locking options are available.

Trespa TopLab*PLUS* work-surfaces for cabinet tops are an available option.

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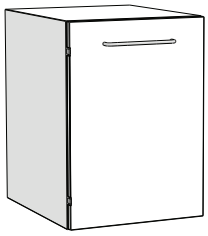
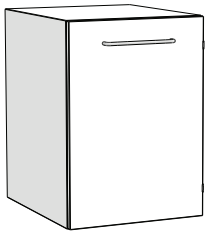
MS-L Series



Cabinet measures: 18”w x 21.6”d x 25”h

CS2225BW one door - left hinge
(24 7/8” tall)
one shelf

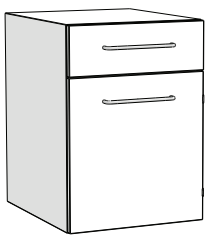


Cabinet measures: 18”w x 21.6”d x 25”h

CS2225CW one door - right hinge
(24 7/8” tall)
one shelf

Cabinet measures: 18”w x 21.6”d x 25”h

CS2225DW one drawer
(6 1/8” tall)
one door - left hinge
(18 5/8” tall)
one shelf



Cabinet measures: 18”w x 21.6”d x 25”h

CS2225EW one drawer
(6 1/8” tall)
one door - right hinge
(18 5/8” tall)
one shelf

Cabinet includes:

Cabinet,
Pulls,
Hardware

Color: White
other colors are available

Locking options are available.

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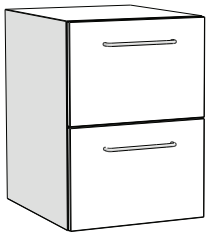
MS-L Series

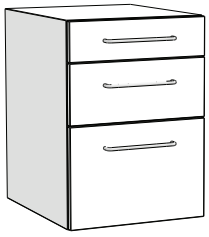


Cabinet measures: 18”w x 21.6”d x 25”h

CS2225GW two file drawers
(12 3/8” tall)

Cabinet measures: 18”w x 21.6”d x 25”h

CS2225JW three drawers
(7 3/8” tall)



Cabinet measures: 18”w x 21.6”d x 25”h

CS2225KW one narrow drawer
(4 7/8” tall)
one drawer
(7 38” tall)
one file drawer
(12 3/8” tall)

Cabinet measures: 18”w x 21.6”d x 25”h

CS2225MW four drawers
(6 1/8” tall)

Cabinet includes:

Cabinet,
Pulls,
Hardware

Color: White
other colors are available

Locking options are available.

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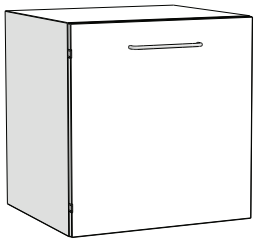
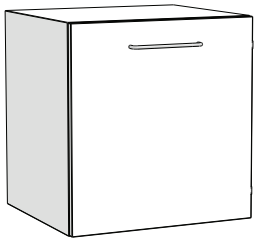


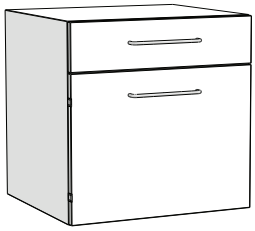
Cabinet measures: 24”w x 21.6”d x 25”h

CS2325BW one door - left hinge
(24 7/8” tall)
one shelf



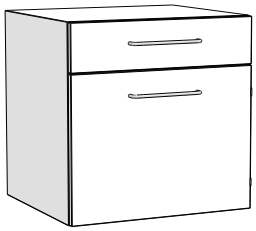
Cabinet measures: 24”w x 21.6”d x 25”h

CS2325CW one door - right hinge
(24 7/8” tall)
one shelf



Cabinet measures: 24”w x 21.6”d x 25”h

CS2325DW one drawer
(6 1/8” tall)
one door - left hinge
(18 5/8” tall)
one shelf



Cabinet measures: 24”w x 21.6”d x 25”h

CS2325EW one drawer
(6 1/8” tall)
one door - right hinge
(18 5/8” tall)
one shelf

Cabinet includes:

Cabinet,
Pulls,
Hardware

Color: White
other colors are available

Locking options are available.

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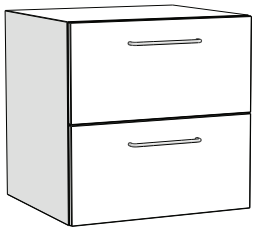
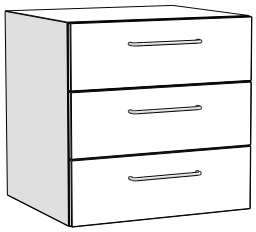
MS-L Series



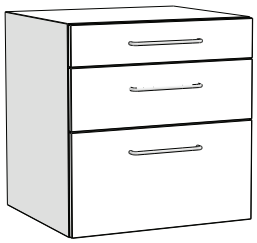
Cabinet measures: 24”w x 21.6”d x 25”h

CS2325GW two file drawers
(12 3/8” tall)



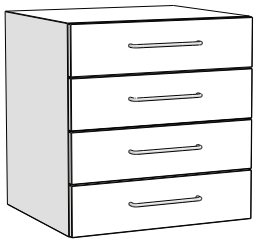
Cabinet measures: 24”w x 21.6”d x 25”h

CS2325JW three drawers
(7 3/8” tall)



Cabinet measures: 24”w x 21.6”d x 25”h

CS2325KW one narrow drawer
(4 7/8” tall)
one drawer
(7 3/8” tall)
one file drawer
(12 3/8” tall)



Cabinet measures: 24”w x 21.6”d x 25”h

CS2325MW four drawers
(6 1/8” tall)

Cabinet includes:

Cabinet,
Pulls,
Hardware

Color: White
other colors are available

Locking options are available.

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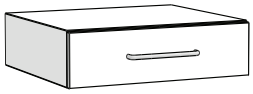
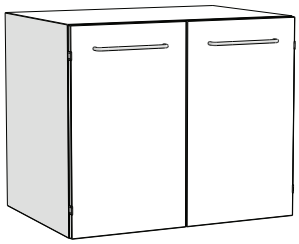
MS-L Series



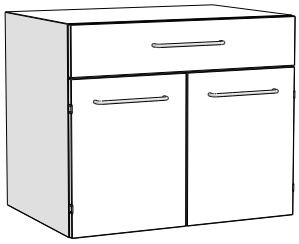
Cabinet measures: 24”w x 21.6”d x 5”h

CS2329PW one narrow drawer
(4 7/8” tall)



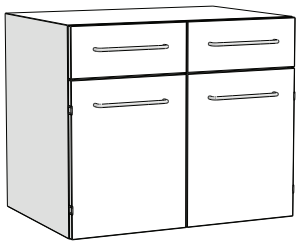
Cabinet measures: 30”w x 21.6”d x 25”h

CS2425AW two doors
(24 7/8” tall)
one shelf



Cabinet measures: 30”w x 21.6”d x 25”h

CS2425FW one drawer
(6 1/8” tall)
two doors
(18 5/8” tall)
one shelf



Cabinet measures: 30”w x 21.6”d x 25”h

CS2425HW two drawers
(6 1/8” tall)
two doors
(18 5/8” tall)
one shelf

Cabinet includes:

Cabinet,
Pulls,
Hardware

Color: White
other colors are available

Locking options are available.

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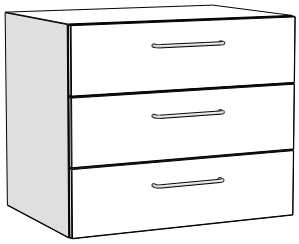
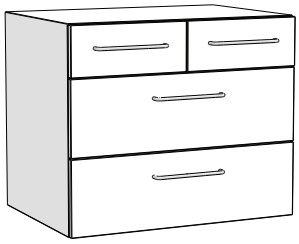
MS-L Series



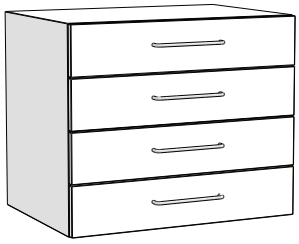
Cabinet measures: 30”w x 21.6”d x 25”h

CS2425JW three drawers
(7 3/8” tall)



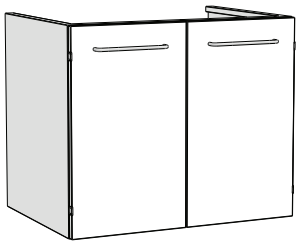
Cabinet measures: 30”w x 21.6”d x 25”h

CS2425NW two top drawers
(6 1/8” tall)
two drawers
(9 1/4” tall)



Cabinet measures: 30”w x 21.6”d x 25”h

CS2425MW four drawers
(6 1/8” tall)



Cabinet measures: 30”w x 21.6”d x 2”h

CS2425SW sink pedestal
two doors
(24 7/8” tall)
cut out for plumbing

Cabinet includes:

Cabinet,
Pulls,
Hardware

Color: White
other colors are available

Locking options are available.

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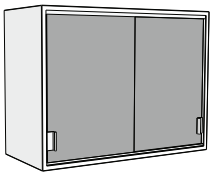
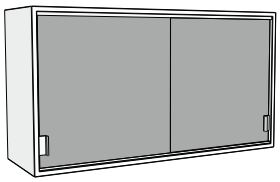
OH-L Series



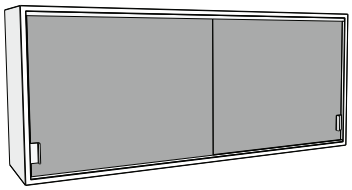
Cabinet measures: 32”w x 14”d x 24”h

CO2514VW two glass sliding doors
one shelf
for 36” bench



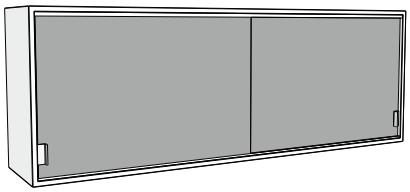
Cabinet measures: 44”w x 14”d x 24”h

CO2614VW two glass sliding doors
one shelf
for 48” bench



Cabinet measures: 56”w x 14”d x 24”h

CO2714VW two glass sliding doors
center divider
two shelves
for 60” bench



Cabinet measures: 68”w x 14”d x 24”h

CO2814VW two glass sliding doors
center divider
two shelves
for 72” bench

Cabinet includes:

Cabinet,
Mounts,
Hardware

Color: White
other colors are available

Glass sliding track and door pulls are anodized aluminum. Clear glass with polished edge (1/4” thick)

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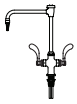
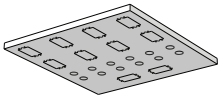
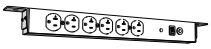
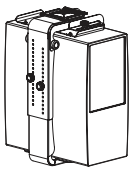
The flexibility of the Ergolab™ benching system allows the use of a very wide variety of products for service delivery and accessories. Many commonly used service devices and accessories are featured in this guide. Please contact an A.T. Villa representative if your laboratory requires products and solutions not featured in this technical guide.

Sinks	Stainless steel and epoxy resin sinks.
Faucet & Eyewash 	WaterSaver laboratory brand faucets and eyewash units.
Ceiling Interface Panels 	Service panels for ceiling grids to distribute power, data and gases.
Gases	WaterSaver valves, fittings and hoses
Electrical & Data 	Modular power strips in most any configuration are available.
Computer Accessories 	CPU holders, keyboard trays and monitor arms.

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Mobile benches with sinks are becoming commonplace in more laboratories. The sink bench is installed like typical fixed sink base cabinet with flexible hoses and quick connects on the supply lines. The waste line used is a common p-trap found in most lab sinks but occasionally a flexible line system is requested. It is typical for the bench to be mechanically secured to the wall to prevent accidental movement of the bench. The bench unit can be detached from the wall, supply and waste lines disconnected and then easily and quickly relocated into another location.

This guide is showing the most common sinks and fixtures available. Please contact an A.T. Villa representative if you have requirements that are not shown in this guide.

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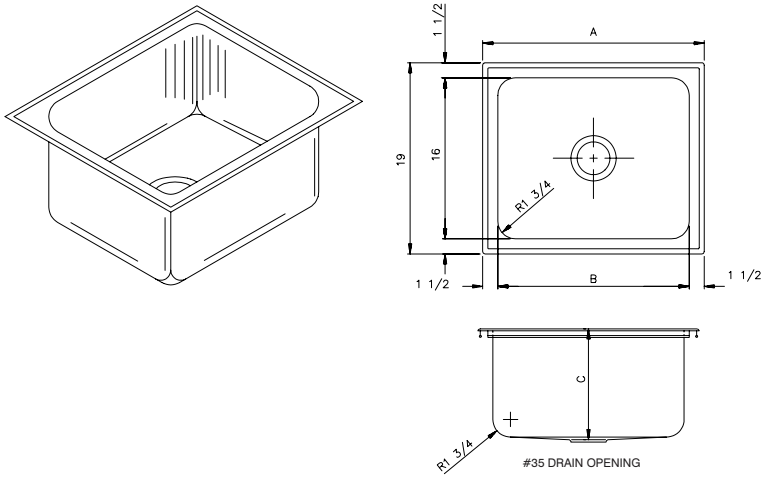
Sink measures 22” (A) x 19” (B) x 10.5 D

SK4100AN drop-in mount

Description:

Seamless die-drawn construction, Type 304 stainless steel 18-8 gauge

Strainer and tailpiece are included with sinks.



Interior and top surfaces polished to a non-porous finish with highlighted bowl rim. Fully coated underside insulates for sound, and reduces condensation. Straight-sided compartment with 1 3/4” radius corners provides greater capacity. Self-rimming top mount with 300 series stainless steel mounting channels. Conforms to ASME/ANSI A112.19.3M. Drain punch #35 centered unless otherwise specified.

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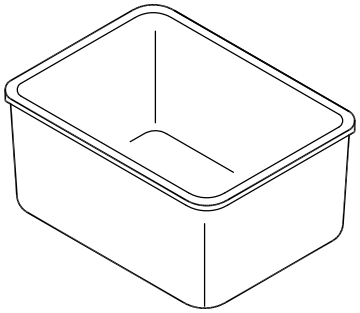
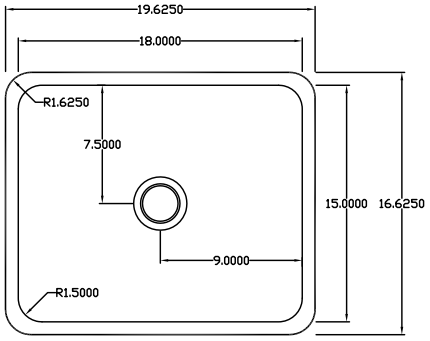
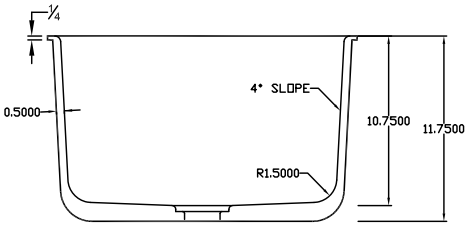
Sink measures 18” L x 15” W x 10.8” D

SK1100AK drop-in mount

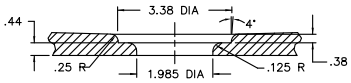




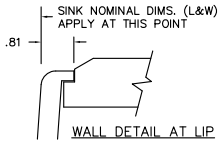
TOP VIEW



SECTION VIEW



DRAIN OPENING DETAIL
SECTION A–A
SECTION NOT TO SCALE



WALL DETAIL AT LIP
DETAIL NOT TO SCALE

Description:

Epoxy Resin material.
Weight: 50 lbs.

Drain: Centered

Color: Black

Strainer and tailpiece are included with sinks.

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WaterSaver

Mixing Faucet 8” Rigid/Swing Vacuum Breaker

SF0100DC deck mounted
8” rigid/swing gooseneck
chrome finish

Mixing Faucet 8” Rigid/Swing Vacuum Breaker

SF0101DC deck mounted
8” rigid/swing gooseneck
blade handles
chrome finish

Description:

Deck mounted mixing faucet for hot and cold water

Body: Forged brass with polished chrome plated finish

Valve Units: Self-contained compression valve units with replaceable stainless steel seats

Gooseneck: 8” convertible rigid/ swing gooseneck

Vac. Breaker: Integral vacuum breaker to prevent backflow

Inlets: 1 3/16” male shank with (2) 3/8” OD inlet tubes

Outlet: 3/8” IPS female outlet with removable seven serration hose end

Faucet is fully assembled and factory tested prior to shipment.

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Product specifications, terms and pricing are subject to change without notice.

WaterSaver

Mixing Faucet 8” Rigid/Swing Vacuum Breaker

SF0100DW deck mounted
8” rigid/swing gooseneck

Mixing Faucet 8” Rigid/Swing Vacuum Breaker

SF0101DW deck mounted
8” rigid/swing gooseneck
blade handles

Description:

Deck mounted mixing faucet for hot and cold water

Gooseneck: 8” convertible rigid/ swing gooseneck

Vac. Breaker: Integral vacuum breaker to prevent backflow

Inlets: 1 3/16” male shank with (2) 3/8” OD inlet tubes

Outlet: 3/8” IPS female outlet with removable seven serration hose end

Faucet is fully assembled and factory tested prior to shipment.

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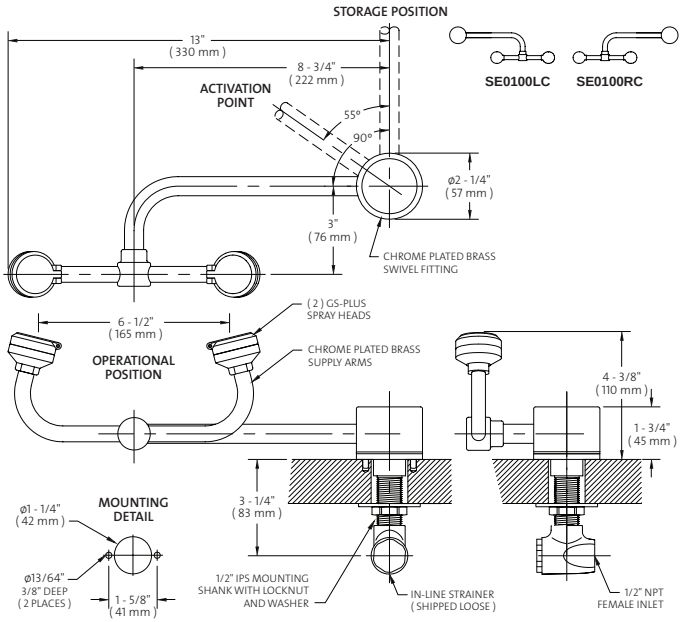
WaterSaver

Deck Mounted Eyewash Units

SE0100RC	Eyewash, Deck Mounted AutoFlow™ 90º Swivel, Right Hand Mounting
SE0100LC	Eyewash, Deck Mounted AutoFlow™ 90º Swivel, Left Hand Mounting

SE0100LC **SE0100RC**



Description:

Mounting: Furnished with mounting shank, positioning lugs, locknut and washer for securing unit to counter.

Construction: Polished chrome plated brass

Supply: 1/2” NPT female inlet

Sign: ANSI-compliant identification sign

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Ceiling Interface Panels

Ceiling Interface Panels (CIPs) can be customized in both their size and configuration to meet your laboratory's service requirements.

CIPs are designed to integrate into common ceiling grids for delivering plumbing, electrical, and data services through the laboratory and down to the Forte tables. They are made to fit in standard 2' x 2' and 2' x 4' ceiling grids. Typical panel sizes are 6" x 24", 12" x 24", 24" x 24" and 24" x 48". Power components are UL listed, and pre-wiring is available upon request. Available in all standard powder coat finish colors.

We offer two universal panels that have knock-outs for the services required. These panels will suffice for most installations. Panels may be customized to meet your project requirements.

Accommodates multiple lab services including:

- Common gases, air, vacuum, water, high purity and special gases
- Power and data

Accepts multiple fitting options including:

- Standard or fine control valves
- Pressure gauges and regulators
- Quick-connect valves, quick-connect fittings and hoses
- Electrical service outlets, communication and data outlets

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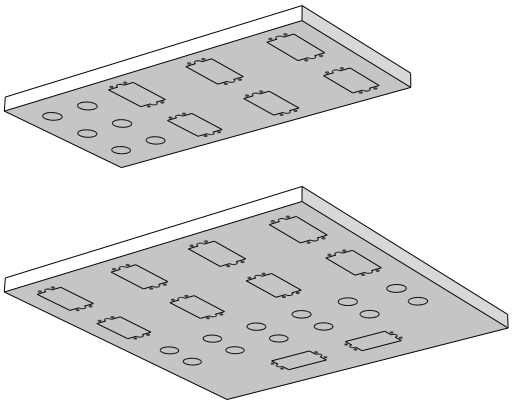
Ceiling Interface Panels - Universal

SC5121AC	12” x 24” panel
SC5221AC	24” x 24” panel



Designed to integrate into common ceiling grids for delivering services into specific locations in the laboratory. The Ceiling Interface Panels (CIPs) are fabricated with a universal layout. The panels service-hole locations can be knocked-out at installation for each specific location. When the knock-outs are left in place they are nearly invisible from the laboratory work floor. This method also allows for future additional services to be added to the laboratory.

Specific configurations are available in all standard ceiling tile sizes.

Description:

Mounting:
Panels install into standard ceiling grids.

14 gauge steel powder coated

Color: Armstrong White
other colors are available

Additional sizes and configurations are available.

Includes mounting hardware.

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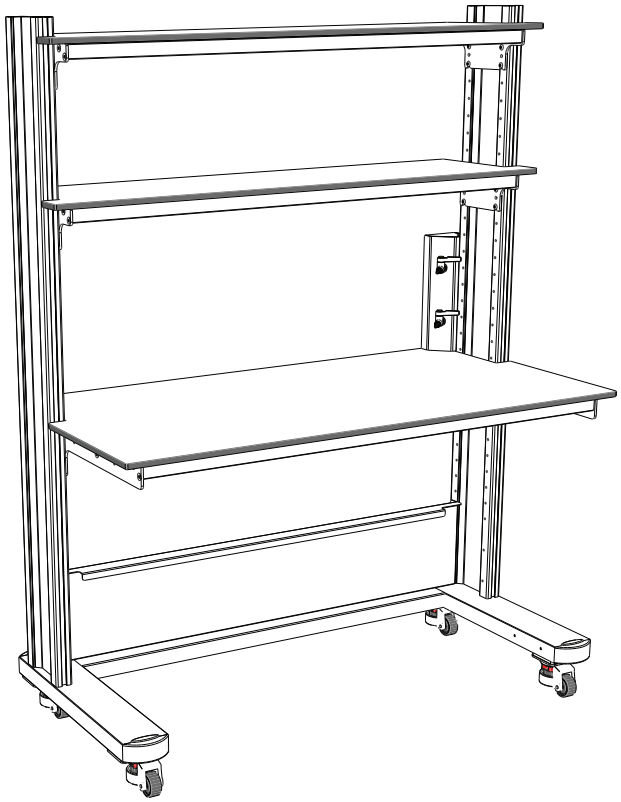
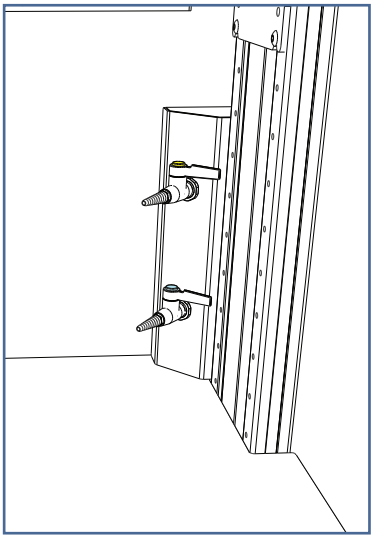
Gas service options in the laboratory are limitless. This technical guide provides some common valves, fittings and hoses. Please contact a representative from A.T. Villa if your laboratory project requires components not listed in this guide.

A.T. Villa is a distributor for WaterSaver products. Many of the fittings and pre-assembled hoses are proprietary to our furniture systems. Valves and fittings featured in this guide are standard chrome fittings. All WaterSaver products and finishes are available upon request. We will supply products from other manufacturers upon request.





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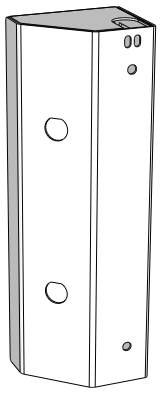
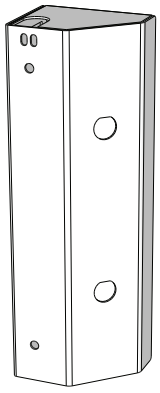
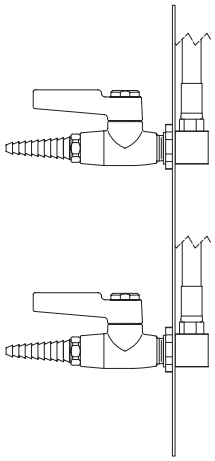
Gas Service Panels		Description:
EA5002GW	Ergolab Rear Gas Panel, 2 Gases, Right Side, 14”h	Mounting: Units mount to the rear of the uprights and are height adjustable.
EA5003GW	Ergolab Rear Gas Panel, 2 Gases, Left Side, 14”h	
EA5004GW	Ergolab Rear Gas Panel, 3 Gases, Right Side, 16”h	Two-piece 14 gauge steel housing for two or three gas services available for mounting on the right or left side of the bench.
EA5005GW	Ergolab Rear Gas Panel, 3 Gases, Left Side, 16”h	



Model EA5002GW



Model EA5003GW



Example of valves mounted in Gas Service Panels

Color: White (RAL 9002)

Gas valves and hoses must be ordered separately. The rear gas panels may be used with burning and non burning gases.

Includes all mounting hardware.

Rear gas panels provide up to three gas services per side on mobile benches. Custom solutions are available if your laboratory has requires another solution. Please inquire with an A.T. Villa representative with your requirements.

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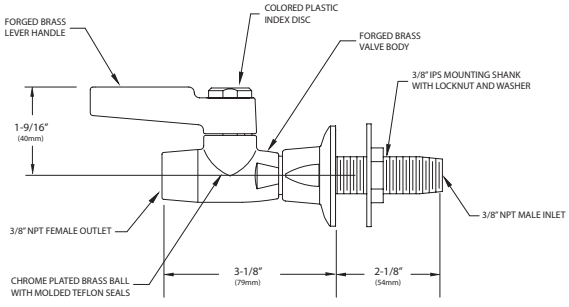
WaterSaver

Gas Fittings: Ball Valve - WaterSaver L4200		Description:
SV1042AC	helium (black)	Chrome plated brass fittings that provide on/off control Ball valve, straight pattern, straight serrated hose end
SV2042AC	air (orange)	
SV3042AC	cold water (green)	
SV4042AC	vacuum (yellow)	
SV5042AC	gas (blue)	
SV6042AC	di water (white)	
SV7042AC	argon (violet)	
SV8042AC	nitrogen (brown)	
SV9042AC	carbon dioxide (pink)	
SV0042AC	oxygen (light green)	

Gas Fittings: Needle Valve - WaterSaver L2880		Description
SV1028AC	helium (black)	Chrome plated brass valve. Needle valve, straight pattern, straight serrated hose end
SV2028AC	air (orange)	
SV3028AC	cold water (green)	
SV4028AC	vacuum (yellow)	
SV5028AC	gas (blue)	
SV6028AC	di water (white)	
SV7028AC	argon (violet)	
SV8028AC	nitrogen (brown)	
SV9028AC	carbon dioxide (pink)	
SV0028AC	oxygen (light green)	

Gas Fittings: CIP Shut-Off- WaterSaver L4201		Description
SV2042SC	gas (blue)	Chrome plated brass fittings that provide on/off control Ball valve, straight pattern Used with Female Quick Connect fitting for burning gas shut off at CIP.



Ball and needle valves are available for all gas types. Chrome plated brass valves are a standard offering. Other finishes and types are available. The valves install into our pre-assembled hose lines on the next page, that mount to our housing unit.

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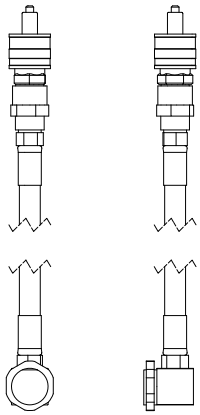

WaterSaver

Gas hose assemblies: seven foot [7’] length

SG1107AC	helium (black)
SG2107AC	air (orange)
SG3107AC	cold water (green)
SG4107AC	vacuum (yellow)
SG5107AC	gas (blue)
SG6107AC	di water (white)
SG7107AC	argon (violet)
SG8107AC	nitrogen (brown)
SG9107AC	carbon dioxide (pink)
SG0107AC	oxygen (light green)

Gas hose assemblies: eight foot [8’] length

SG1108AC	helium (black)
SG2108AC	air (orange)
SG3108AC	cold water (green)
SG4108AC	vacuum (yellow)
SG5108AC	gas (blue)
SG6108AC	di water (white)
SG7108AC	argon (violet)
SG8108AC	nitrogen (brown)
SG9108AC	carbon dioxide (pink)
SG0108AC	oxygen (light green)

Gas hose assemblies: nine foot [9’] length

SG1109AC	helium (black)
SG2109AC	air (orange)
SG3109AC	cold water (green)
SG4109AC	vacuum (yellow)
SG5109AC	gas (blue)
SG6109AC	di water (white)
SG7109AC	argon (violet)
SG8109AC	nitrogen (brown)
SG9109AC	carbon dioxide (pink)
SG0109AC	oxygen (light green)

Gas hose assemblies are factory assembled and pressure tested. The assembly includes the solid brass, chrome plated valve fitting attached to the length of hose ordered and the color-keyed male quick connect fitting. Hose and fitting specifications are available upon request.

Description:

Air line assembly includes hose, valve fitting and male quick connect.

All non burning gases supplied with 1/2” O.D. PVC white hose.

Burning gases supplied with 3/8” O.D. braided stainless steel over PFTE tubing. Burning gas assemblies are supplied with all stainless steel fittings.

Female quick connect and valve must be ordered separately.

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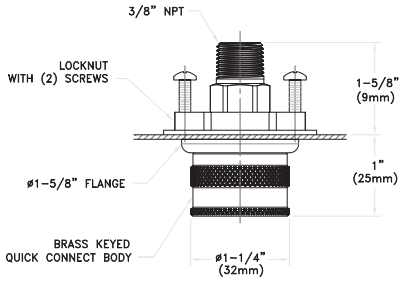
WaterSaver



Keyed Quick Connects - Bodies

SQ1000FC	helium (black)
SQ2000FC	air (orange)
SQ3000FC	cold water (green)
SQ4000FC	vacuum (yellow)
SQ5000FC	gas (blue)
SQ6000FC	di water (white)
SQ7000FC	argon (violet)
SQ8000FC	nitrogen (brown)
SQ9000FC	carbon dioxide (pink)
SQ0100FC	oxygen (light green)

Description:

Panel mounted brass keyed quick connect, 3/8" NPT male inlet, locking

Polished chrome plated finish, brass body

Stainless steel units are available upon request.

WaterSaver keyed quick connect fittings are designed specifically for laboratory applications. They are designed to provide maximum performance and durability for the life of the lab installation.

The quick connect keying system is based upon the inner and outer diameters of the sleeves on the body and plug. Therefore, quick connect plugs can be assembled only into the correct body. There is no possibility of inadvertently mixing services.

Quick connect bodies and plugs are color coded to designate the service and to facilitate matching the correct body and plug.

Flanged quick connect bodies are designed for installation on walls, panel systems, chases and overhead service carriers. The body is secured in place with a locknut with (2) set screws.

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Electrical and Data Services

Electrical receptacles and data ports can be configured into your CIPs to meet any of your needs in your laboratory. It is typical to use twist locking electrical device to ensure they are not accidently disconnected. Data ports can be added or a continuous feed can be dropped down through the CIP.

Electrical, data and communication needs vary greatly for each project. This guide provides some basic and commonly used devices. We provide electrical and data services in nearly any configuration. Any commonly produced device can be installed into the CIPs.

Power:

- 15 amp, 20 amp, 30 amp and others
- 120 volt, 208 volt, 220 volt and 3 phase devices
- Color faceplate and device options.

Data and communication:

- CAT5
- CAT6
- Phone
- Multiple lines
- Many color options
- Labeling options

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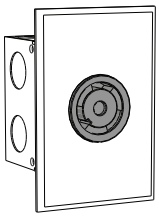
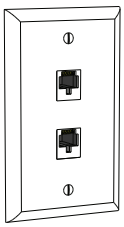
Product specifications, terms and pricing are subject to change without notice.

Twist Lock 20 amp Receptacle Kits		Includes:
SE4100AN	NEMA L5-20 125V	NEMA receptacle device - 20 amp Color: Black, Stainless steel cover plate, Gang box 3” x 2” x 2.75”d, Hardware
SE4101AN	NEMA L6-20 250V	



Other devices and finishes are available upon request. Components are supplied loose, un-installed.

Communication and Data Panels		Includes:
SD6002AW	two device	Faceplate, Data Module(s), Hardware
SD6003AW	three device	
SD6004AW	four device	
SD6006AW	six device	
SD6002LW	two device with labels	Faceplate size: 2.75”w 4.5”h .22”d
SD6003LW	three device with labels	
SD6004LW	four device with labels	
SD6006LW	six device with labels	Color: White



Faceplates available with multiple module spaces. Each faceplate accepts individual modules for both copper and fiber optic applications. Available with or without labels. Other colors and finishes available.

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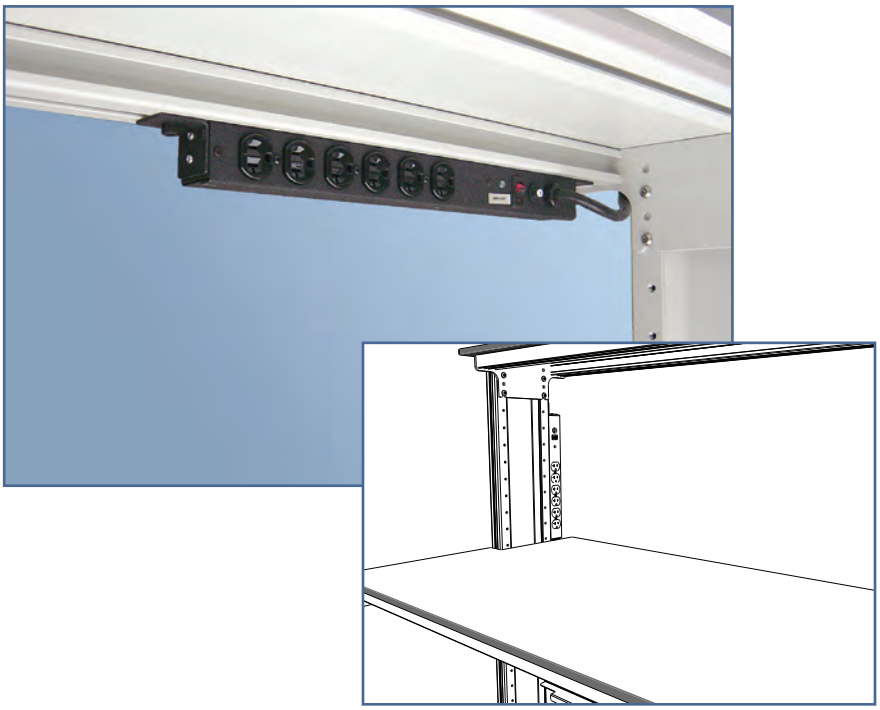
18” Power Strip Vertical or Horizontal Mounting

EA5018EK 18” power strip



The EA5018EK power strip can be mounted along the back, underside rail of the shelves of the benches and along the back side of the uprights, providing a versatile and simple solution that meets the requirements of most laboratories.

Customized electrical power strips are available in many configurations of various lengths, voltages, plug types and circuits. With so many possible combinations it is impractical to list them all in this guide. Please inquire with an A.T. Villa representative with your requirements.

Description:

Mounting:
Unit mounts to the bench framing system horizontally or vertically.

6 Outlet
20 amp
Twist Lock
10’ Cord

Additional widths and configurations are available for a wide variety of power requirements.

Includes mounting hardware.

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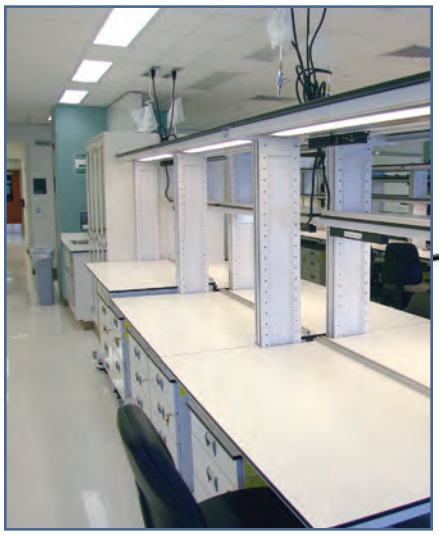
Under Shelf Lighting		Description:
EA5028LK	28” 17 watts, black	Mounting:
EA5040LK	40” 24 watts, black	Under-mount
EA5048LK	48” 32 watts, black	
EA5060LK	60” 40 watts, black	Color: Black
		White available



performance test installation data

base number	EA5036LK (36”, 25 watt unit)
lamp	F25 T8 3500K
ballast	electronic
power factor	HPF
lens	prismatic
reflector	metalized paper
measured plane	60” length x 30” width
face of light to work surface	17.5”

Lamp:
Energy-efficient, low mercury, T8 tri-phosphor fluorescent, 3500K lamp. 3000K and 4100K optional.

Ballast:
Normal power factor, electronic ballast is standard. Optional high power factor, electronic ballast for increased energy efficiency.

Switch:
Two-position black rocker on right side

Cord:
9’ cord with 90° southwest

Cord Exit:
Right-hand is standard. Left-hand, field interchangeable, and hardwire optional.

City Code:
Chicago and New York optional

Lens:
Prismatic lens is standard to diffuse light across a work surface. Linear prismatic (batwing) lens is optional to minimize reflective glare on the work surface.

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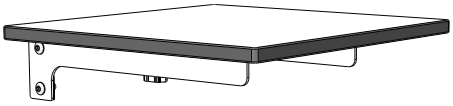
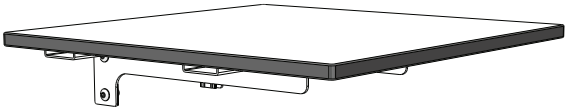
Cantilevered Shelf - Small

EA5011AW 15” x 15” x .625” Trespa Steel base assembly

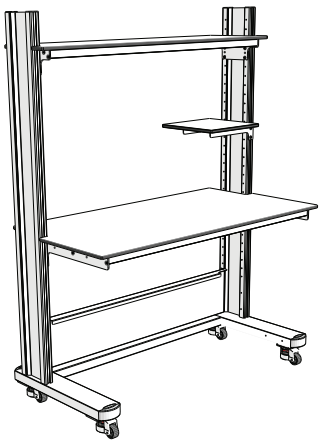


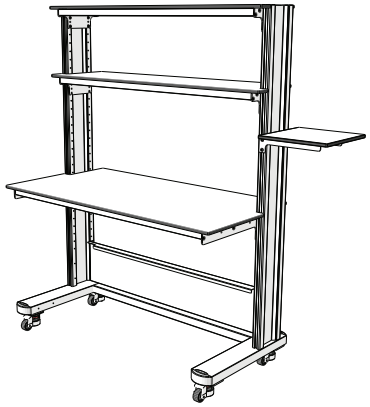
Cantilevered Shelf - Large

EA5012AW 19” x 19” x .625” Trespa Steel base assembly



With a heavy weight load capacity, these smaller shelves create unique flexibility to the Ergolab benches. These shelves mount to the inside or outside of the benches uprights. Mounting into the front and back channels of the uprights allow them to be placed at any height of the bench.





Description:

Mounted to the uprights of the ergolab benches.

Frame is made of heavy gauge steel.

Includes fastening hardware.

Frame Color: White (RAL 9002)

Trespa TopLab*PLUS* work-surfaces are standard but other surface materials can be ordered.

Please see the Trespa Color Chart on page 88.

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Humanscale

200 Series CPU Holders
AccommoEAtes CPUs 1” - 5” wide x 6” - 12” high

EA5200CW	CPU200 in black
EA5200CK	CPU200 in white
	Max Weight 15 lbs.

500 Series CPU Holders
AccommoEAtes CPUs 3” - 9.5” wide x 12” - 22” high

EA5500CK	CPU555 in black
	Only available in black
	Max Weight 70 lbs.

600 Series CPU Holders
AccommoEAtes CPUs 3” - 9.5” wide x 12” - 20” high

EA5600CW	CPU600 in black
EA5600CK	CPU600 in white
	Max Weight

Slides smoothly on nylon glides in tracks. Rotates 360˚ for complete access to cables and ports. Individual specifications available upon request.

Description:

Includes bracketing components to mount to the Ergolab™ system and fasteners.

CPU200 and CPU600 are made predominately of aluminum with steel and polypropylene. Contains 51% recycled content and is 99% recyclable.

CPU555 Made from cold-rolled, powder-coated steel.

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Keyboard Tray

EA5002AK under-counter mount

Features

Adjusts effortlessly - A simple one handed motion allows the keyboard to be repositioned instantly, without the use of locks and levers.

Unique angle adjustment lever - allows user to simply adjust angle by sliding lever from left to right. No need to ever reach under the keyboard to locate a knob or lever for angle adjustment.

Encourages low risk postures: The Switch maximizes adjustability within a safe operating range. It does not allow users to adjust their keyboards into a positive slope or above the desk, both of which are high risk keyboarding positions.

Non intrusive: total knee clearance

Smooth polypropylene slides provide smooth and easy movement.

Spring assist: Comes standard with spring assisted adjustments to allow for easy adjustability

Meets and exceeds ANSI/BIFMA 5.5 1998 Specifications

Description:

- Platform Tilt Adjustment: 0 to –10°
- Height adjustment range: 5 1/4”
- Base Swivel: 360°
- Standard Track Length: 21 5/8”
- Shorter Track Lengths: 16“ and 17 3/4”
- End of Track to rear edge of Platform: 6“
- Spring Assisted Adjustments

Color: Black

Includes bracketing components to mount to the Ergolab™ system and fasteners.

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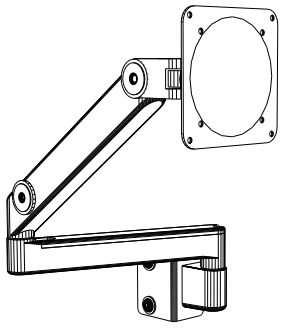
Humanscale®



Humanscale M2 Dynamic Monitor Arm - Upright Mount

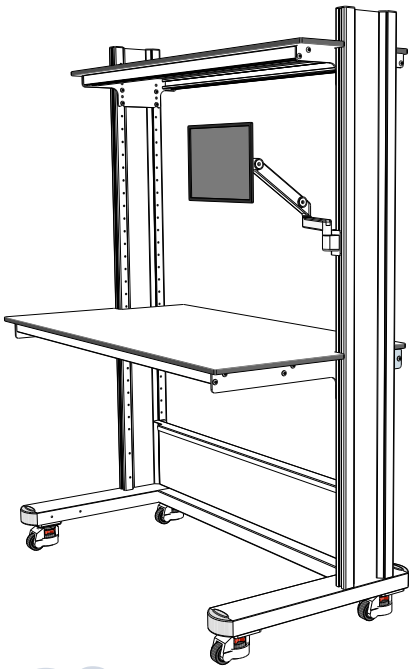
EA5200MS	upright mount, color: silver
EA5200MK	upright mount, color: black
EA5200MW	upright mount color: polished silver with white trim (special order)

Mounting kits and hardware included to mount the arm to the Ergolab upright. Allows for vertical adjustment on upright.

Features & Specifications

- Supports the vast majority of monitors in use today (up to 20 pounds)
- Interchangeable mounting options attach to a variety of work surfaces
- Integrated cable management hides cables within the arm
- Removable 180° stop protects walls and panels
- Optional Notebook Holder accommodates laptops 9” – 14” in length
- Optional 12” links provide greater adjustability and flexibility
- Arm reach: 20”
- Height adjustment range: 10”
- Weight: 5.7 pounds
- Finish options: Polished Aluminum with White accents or Silver with Gray accents
- Made primarily of steel and aluminum
- May contribute to a number of LEED credits
- 15-year 24/7 warranty

shown in polished silver and white



Description:

Design

The M2 is thin, light and easy to maneuver, and its sleek aesthetic complements the thin profiles of today’s flat panel monitors.

Durability

With no gas cylinder and fewer parts than current-generation arms, less can go wrong with the M2 over time. As a result, it’s backed by an industry-best 15-year 24/7 warranty.

Performance

Designed to support the vast majority of monitors in use today and offering effortless adjustment of both height and depth, the M2 will accommodate virtually every application for single monitors.

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notes

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Trespa TopLab PLUS

COLOR COLLECTION

T 18.0.1
Mystic White

T 03.0.0
White

T 03.1.0
Pastel Grey

T 30.0.1
Polar Green

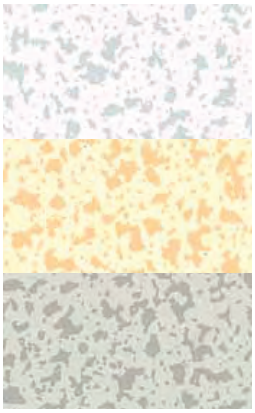
T 05.0.1
Limestone Yellow

T 03.4.0
Silver Grey

T 21.1.1
Glacier Blue

T 09.3.4
Canyon Red

T 90.0.0
Black

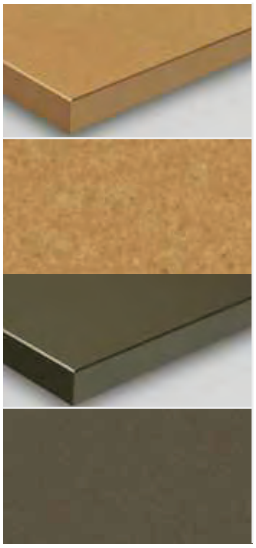


D 02.0.8
Mystic White/Blue

D 02.0.9
Limestone
Yellow/Saffron

D 02.1.0
Pastel Grey/Silver

ECO-FIBRE SERIES



TE-05
Sahara

TE-20
Amazon

Color chart is for reference only. Actual colors may appear different from printed images. Samples of actual material are available upon request.

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Epoxy Resin

COLOR COLLECTION

Tan

Steel Blue

Alpine White

Gray

Forest Green

Graphite

Black Onyx

Disclaimer: All colors printed here are close approximations of actual epoxy resin work surface colors using the Pantone® color matching system. Please use this spec sheet as a guide only as these colors can fade over time. Samples of actual material are available upon request.

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SEFA