



Emcor® FP2 Catalog

www.emcorenclosures.com | 507-287-3535



Our objective is to define our customer's quality requirements, and to produce products and services that meet or exceed those expectations. We are committed to continuous improvement through education, process advancements and problem prevention.

Engineering Drawings

The dimensional drawings that are shown on the following pages are for reference only. Detailed engineering drawings are available upon request.

Emcor® FP2 Product Line

The FP2 console allows users to take full advantage of flat panel technology. The open architecture design creates more usable space within a smaller footprint than previous models. Its modular capabilities make it equally suited for single desk surveillance applications or larger scale command and control environments.



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How to Order

Emcor Enclosures are configure to order, meaning each component of the enclosure is ordered separately. This process allows the most versatility in the final appearance and function of the enclosure or console. Simply follow the steps listed below.

- 1** DETERMINE THE FRAME PART NUMBER
Because the basic building block is the frame it will be your first selection.
- 2** REVIEW THE ORDERING GUIDE (LOCATED IN THE BACK OF THE CATALOG)
Once you have selected a frame part number, locate it in the ordering guide. Note that the ordering guide is organized so that compatible accessories are listed to the right of the frame part numbers.
- 3** ISSUE ORDERS TO
All correspondence and PO's should be addressed to:

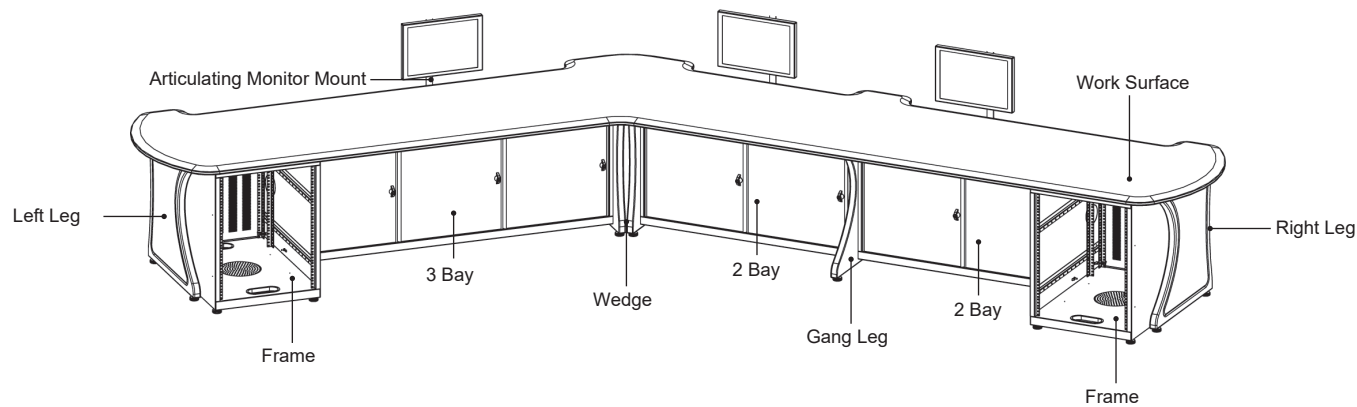
Emcor Enclosures
2900 37th St. NW, Bldg 003
Rochester, MN 55901

Submit the Purchase Order (PO) to the Sales Representative indicated on the quote.
Be sure to include a copy of the quote.

Overview

Overview

An FP2 console is made up of a combination of legs, wedges, frames and bays and then topped with a work surface. Finish off the console with accessories such as articulating monitor arms, power, shelves, drawers, airflow or cable management accessories.



Paint/Finish

The frames and bays are finished in textured black powder paint. Powder coating provides a durable high-quality finish.

The legs and wedges are covered in a black thermofoil. End legs have an insert which is covered in a thermofoil to match the work surface.

Touch-Up or Refinishing Paint

We offer our black paint color in a Paint Pen.

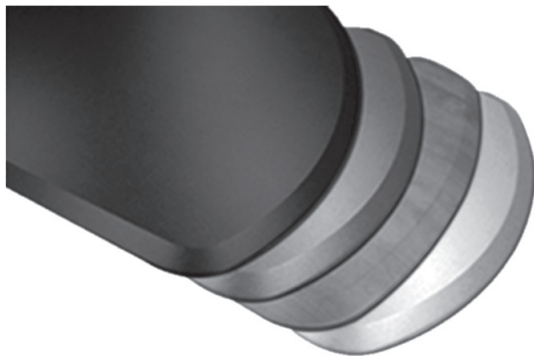
Part Numbers

Color	Pen
Black	PEN-BK

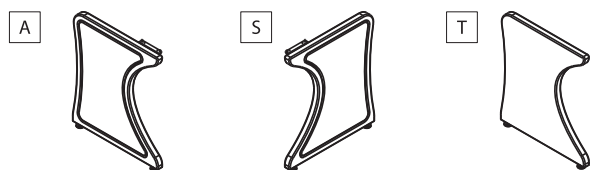


Work Surface

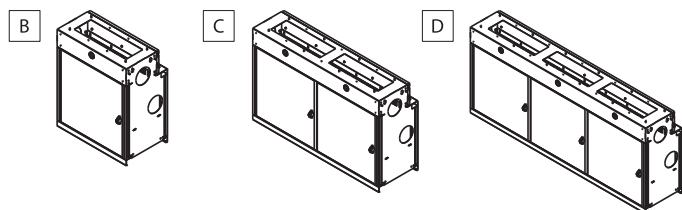
The contour edge work surface is covered in a durable thermofoil. Select from the following colors. Sample kits are available upon request.



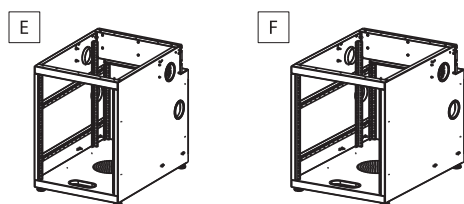
Legs



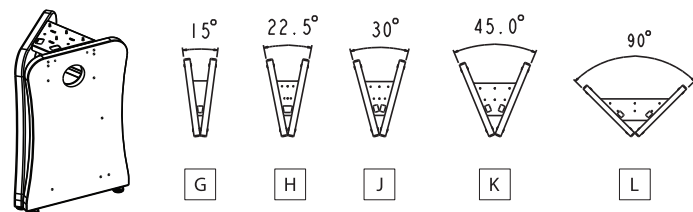
Bays



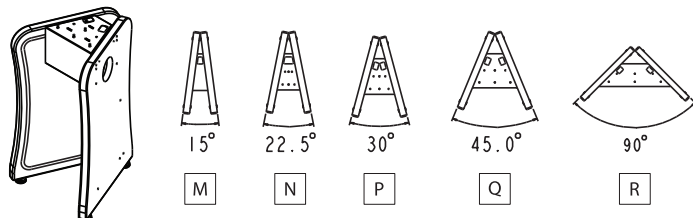
Frames



Wedges



Reverse Wedges



Ordering Guide - Configuring the Structure

Insert the proper alpha code [A], [C], [S]. . . beginning at the left, proceeding through the last position required.

- Always start with the Left Hand Leg [A] .
- Always end with the Right Hand Leg [S] .
- Always position a frame, wedge, or gang leg between bay components [B], [C], [D].
- Insert wedge frames as needed to turn corners.
- Configure the work surface.
- Once your layout is complete, add monitor arms and accessories.

Examples of what will and will not work.

correct

A

C

T

D

S

correct

A

C

E

D

S

correct

A

C

J

D

S

incorrect

A

C

D

S

Bay components may not be placed next to one another in an assembly.

Sample Configuration



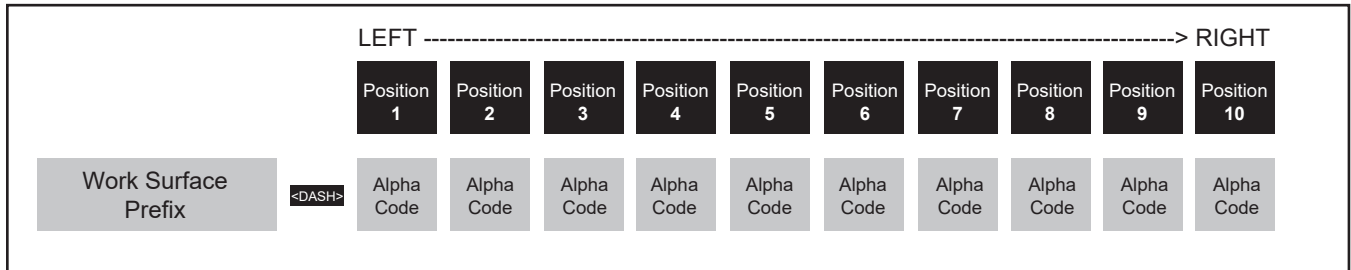
Base Structure from Left to Right	Part Numbers
Position 01: Left Leg	FP2-A
Position 02: 2 Bay	FP2-C
Position 03: 19" Panel Width Frame	FP2-E
Position 04: Right Leg	FP2-S
Work Surface	Part Numbers
Work Surface	WS2-ACES
Accessories	Part Numbers
Slat Wall Mount x1	MFBASE-S
Articulating Monitor Arms for Slat Wall Mount x1	HS-P2H-S12S12
Window Door for Frame	DS-EWR-2419

Note: Rear panels/doors not indicated on list.

Ordering Guide - Configuring the Work Surface

Developing the Work Surface Part Number

- Insert the prefix WS2 to indicate “work surface.” [The 2 designates the FP2 product line]
- <DASH>
- Beginning in the left position of the configuration and continuing to the right, insert the appropriate alpha code.



WS2	Configuration Alpha Code Options
-----	-------------------------------------

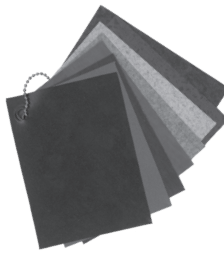
A = left leg	K = 45° wedge
B = 1 bay	L = 90° wedge
C = 2 bay	M = 15° reverse wedge
D = 3 bay	N = 22.5° reverse wedge
E = 19" panel width frame	P = 30° reverse wedge
F = 24" panel width frame	Q = 45° reverse wedge
G = 15° wedge	R = 90° reverse wedge
H = 22.5° wedge	S = right leg
J = 30° wedge	T = gang leg

Thermofoil Color Options

The following colors are available. Sample kits are available.

Part Numbers

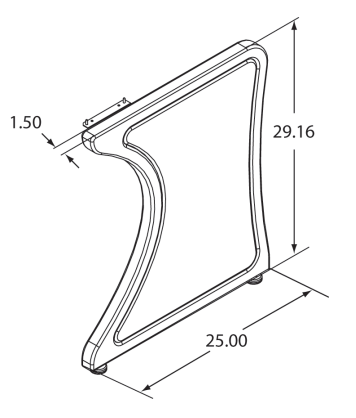
0109	Black Matte
6005	Shark Gray
4023	Laguna Pebble
4012	Gray Fibers
4070	Chicago Dark Concrete
2065	Clove
2017	Sienna Wild Apple



Legs

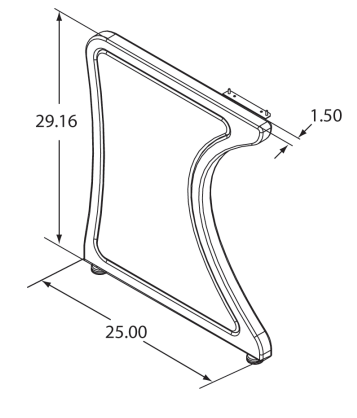
Left & Right Legs

In addition to providing support for the console, FP2 left and right legs add style. The legs have an insert panel that is covered in a thermofoil color to match the work surface. The leg itself is provided with a black thermofoil finish.



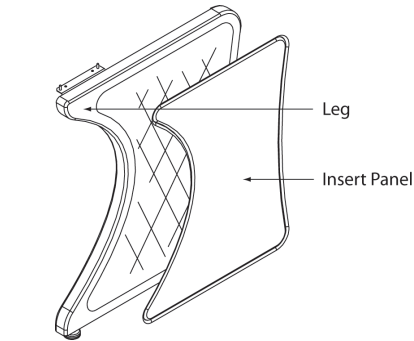
Right Leg

Alpha	Part Number
S	FP2-S



Left Leg

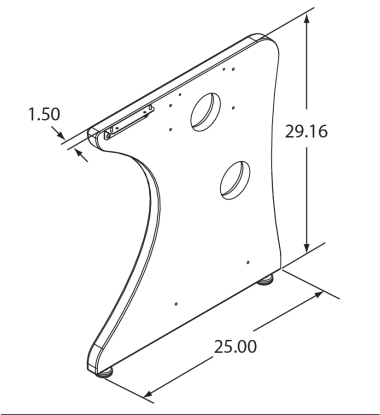
Alpha	Part Number
A	FP2-A



Insert Panel Detail

Gang Leg

Gang legs provide support for the console when multiple bays are ganged together. Unlike the left and right legs, the gang leg does not have an insert panel. The leg itself is provided with a black thermofoil finish.

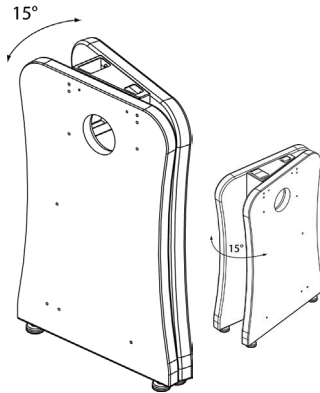


Gang Leg

Alpha	Part Number
T	FP2-T

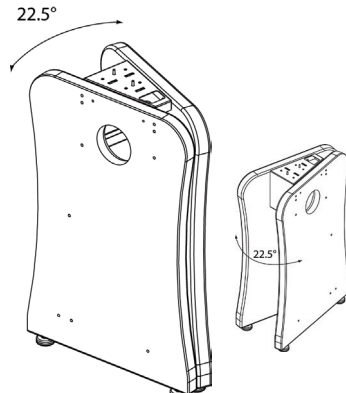
Wedges

Wedges help create the footprint you require for your space. Available in regular and reverse styles, all wedges have cut-outs to aid in cable management. Wedges are provided with a black thermofoil finish.



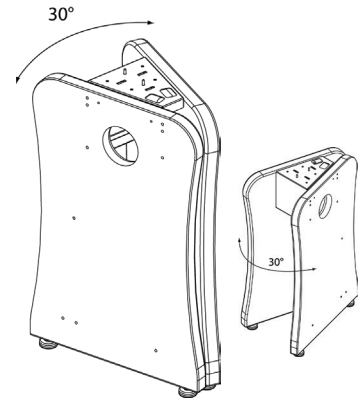
15°

Alpha	Part Number	
G	FP2 WK-15	Wedge
M	FP2 WK-15R	Reverse Wedge



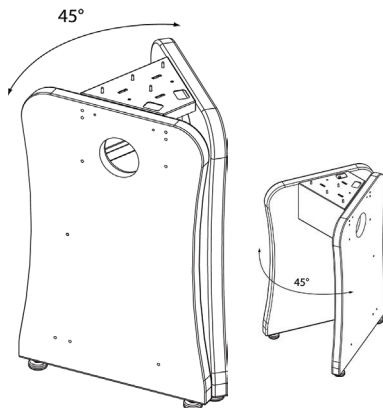
22.5°

Alpha	Part Number	
H	FP2 WK-22	Wedge
N	FP2 WK-22R	Reverse Wedge



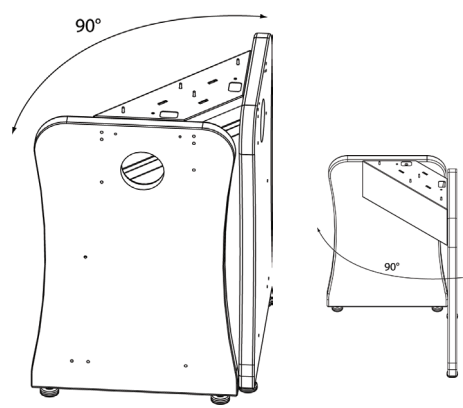
30°

Alpha	Part Number	
J	FP2 WK-30	Wedge
P	FP2 WK-30R	Reverse Wedge



45°

Alpha	Part Number	
K	FP2 WK-45	Wedge
Q	FP2 WK-45R	Reverse Wedge

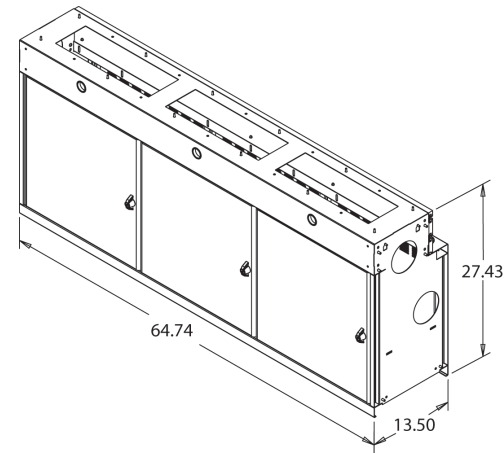


90°

Alpha	Part Number	
L	FP2 WK-90	Wedge
R	FP2 WK-90R	Reverse Wedge

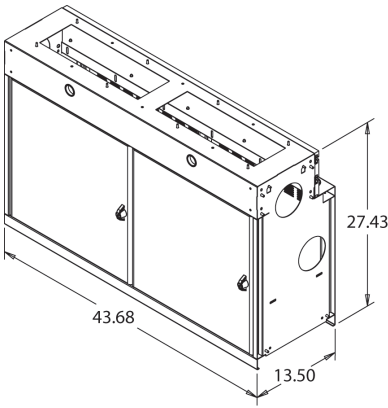
Bays

Bays
Bays create the frame work for your console. Supplied with locking doors on the front and access panels on the rear, these bays can be used for storage or to house your CPU. The bays also have slat wall on the rear to accept articulating arm monitor mounts, and provide built in cable management. The frames come in a textured black finish.



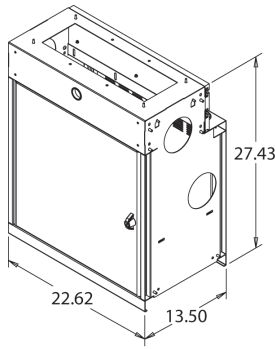
3 Bay

Alpha	Part Number
D	FP2-D



2 Bay

Alpha	Part Number
C	FP2-C

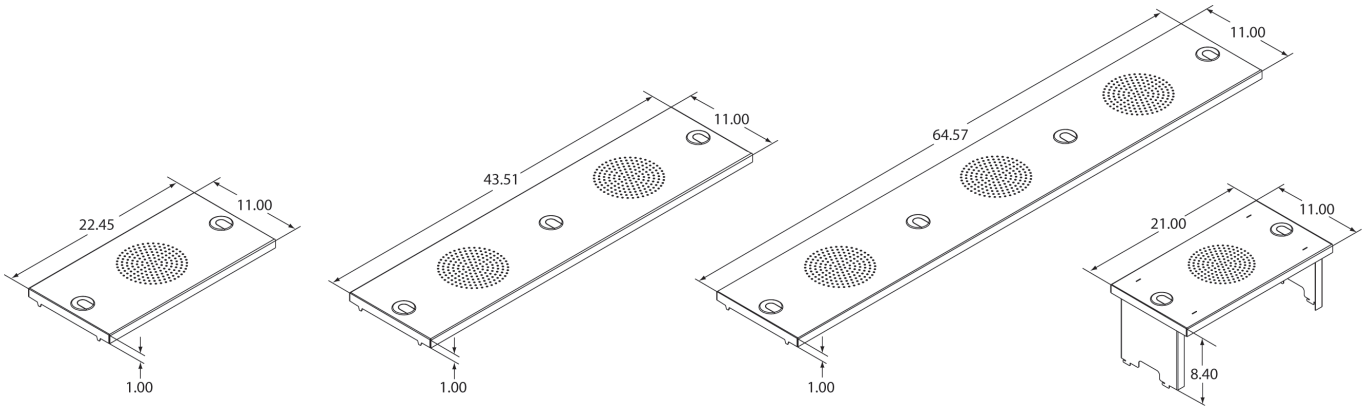


1 Bay

Alpha	Part Number
B	FP2-B

Shelves for the Bays

These shelves are designed to fit in the bays. The utility shelf may be used in any size bay, but it may not be used in conjunction with any of the other shelves.



1 Bay Shelf

Part Number

FP2 SHELF-21

2 Bay Shelf

Part Number

FP2 SHELF-42

3 Bay Shelf

Part Number

FP2 SHELF-63

Utility Shelf

Part Number

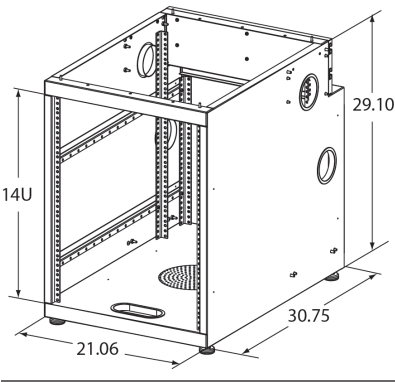
FP2 SHELF-SI

Frames

Frames

Frames are unique multifunctional components of the FP2 product line. Frames are offered in both 19" and 24" panel widths and can house rack mount equipment or be used as a storage compartment. The frames have a slat wall on the rear to accept articulating arm monitor mounts, and provide built in cable management. The frames come in a textured black finish. Mounting rails are sold separately and are shown for reference only.

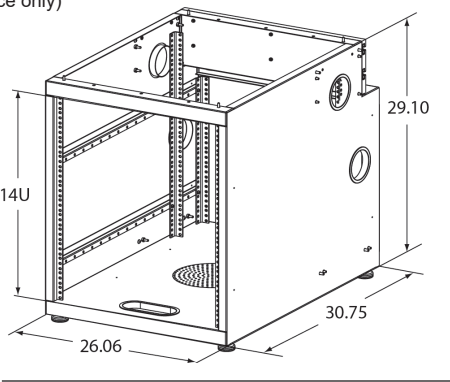
Adjustable Mounting Rails
(sold separately
shown for reference only)



14U
21.06
29.10
30.75

19" EIA Width Frame

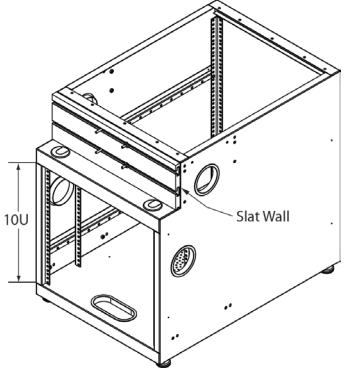
Alpha	Part Number
E	FP2-E



14U
26.06
29.10
30.75

24" EIA Width Frame

Alpha	Part Number
F	FP2-F



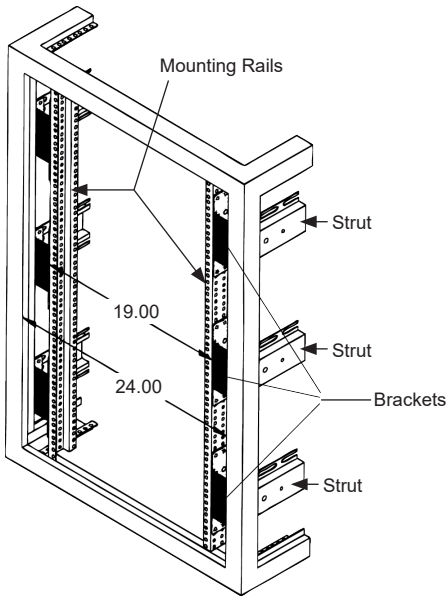
10U
Slat Wall

Rear View Detail

Panel Width Adapter Kits

Panel width adapter kits provide a means of reducing the entire panel width from 24" to 19" adding approximately 2.5" of available space between the frame and rails.

Part Number
PWAK-02

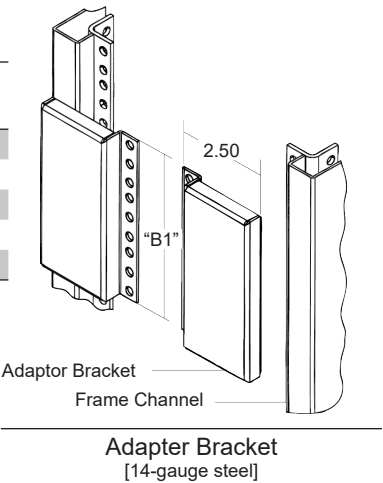


Panel Width Adapter Brackets

Adapter Brackets provide a means of reducing portions of the panel width from 24" to 19" while maintaining a finished appearance. 150 lb. capacity.

Part Numbers

	"B1" # of Rack Units Used	
ABA-05	5.250	3U
ABA-07	7.000	4U
ABA-08	8.750	5U
ABA-10	10.500	6U
ABA-12	12.250	7U



Mounting Rails for use in Frames

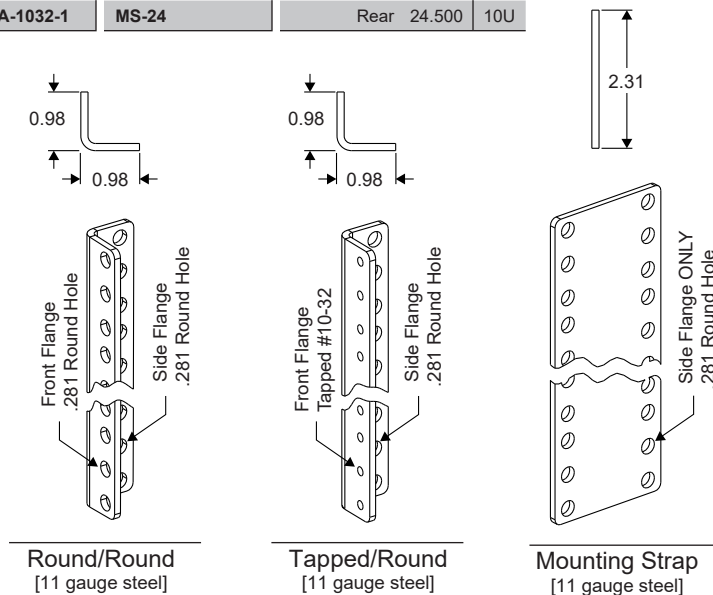
Choose from two styles of mounting rails. "Round/Round".281" diameter round holes on both flanges of the mounting rail or "Tapped/Round".159" diameter tapped holes (10-32 NF2) on the front flange, and .281" diameter round holes on the side flange of the mounting rail. The rails are processed to specification ASTM-B633 which calls for electro-deposited zinc plating with a clear chromate conversion coating.

Mounting Straps for use in Frames

Mounting straps are used when there is a mix of different depth accessories in a frame. Straps allow full depth items that require a rear attach point to pass by the strap and attach to the rail behind it. The straps are processed to specification ASTM-B633 which calls for electro-deposited zinc plating with a clear chromate conversion coating and include rack unit markings. Only accessories that are side mount style can be mounted to a strap.

Part Numbers

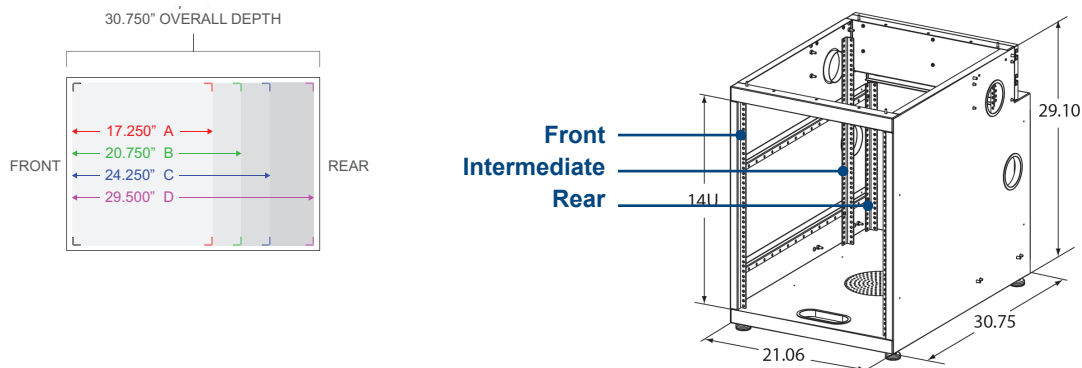
Round/Round	Tapped/Round	Mounting Strap	Use in this position		
PMA-24A	PMA-24A-1032-1	N/A	Front	17.500	14U
PMA-24A	PMA-24A-1032-1	N/A	Intermediate	24.500	14U
PMA-17A	PMA17A-1032-1	MS-24	Rear	24.500	10U



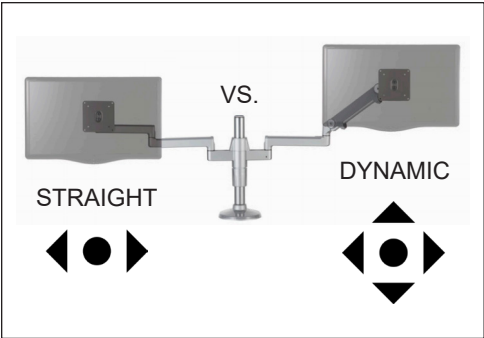
Rail Settings Explained

The image below is a top view of the frame.

- The front rails are positioned in the farthest front position.
- The rear rails are set at position D 29.500"
- Intermediate rails are set at position C 24.500" (If required, these rails can be positioned in location A or B - or - additional pairs of Mounting Rails or Mounting Straps can be positioned in location A or B.)



Straight Link Style Articulating Arms

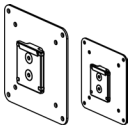


Straight Link Style Articulating Monitor Arms

Straight link style arms allow the user to adjust the monitor left or right. At the end of each arm is a ball joint, allowing the tilt of the monitor to be adjusted as well. The monitor arms are free of harmful Red List chemicals and include a built-in indicator allowing the installer to counterbalance the monitor weight without a monitor. Each arm can support one monitor up to 15 lbs.

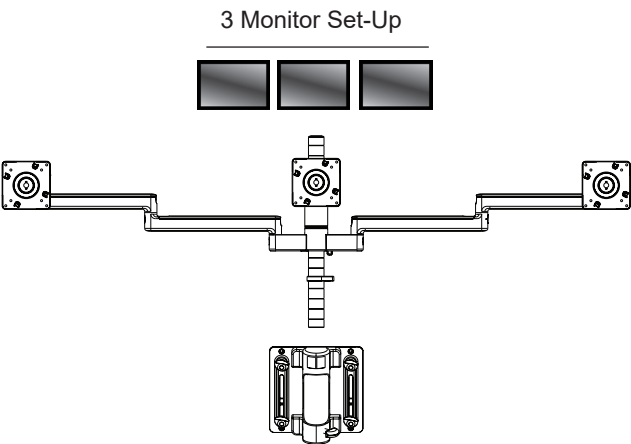
VESA Mounting Plates

Every arm comes with two VESA mounting plates sized 100mm and 75mm. These will accommodate most monitors.

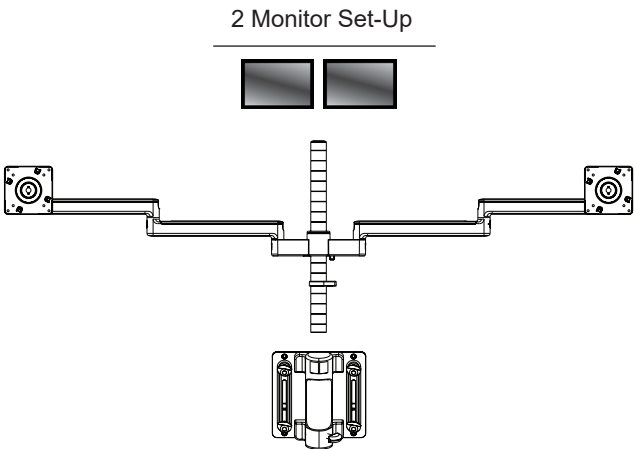


Horizontal Set-Ups for use on the Slat Wall

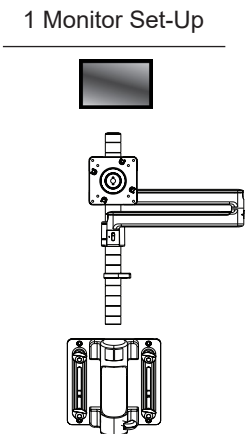
Choose from set-ups with one, two, or three monitors. These set-ups require two part numbers to be ordered; an arm configuration and a base. Each arm configuration comes with a pole that fits in the slat wall style base. Mounting hardware for the base is included.



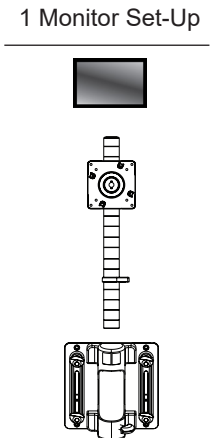
Arm Part Number	Base Part Number
HS-P3-S12S12-N-S12S12	MFBASE-S



Arm Part Number	Base Part Number
HS-P2H-S12S12	MFBASE-S



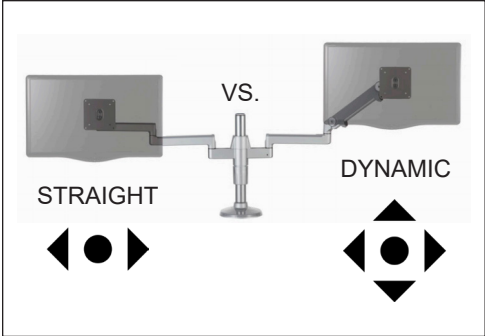
Arm Part Number	Base Part Number
HS-P1-S12S12	MFBASE-S



Arm Part Number	Base Part Number
HS-P1-N	MFBASE-S

Note: This set-up utilizes a ball joint, no arm, allowing only the tilt of the monitor to be adjusted.

Straight Link Style Articulating Arms

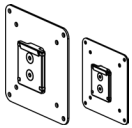


Straight Link Style Articulating Monitor Arms

Straight link style arms allow the user to adjust the monitor left or right. At the end of each arm is a ball joint, allowing the tilt of the monitor to be adjusted as well. The monitor arms are free of harmful Red List chemicals and include a built-in indicator allowing the installer to counterbalance the monitor weight without a monitor. Each arm can support one monitor up to 15 lbs.

VESA Mounting Plates

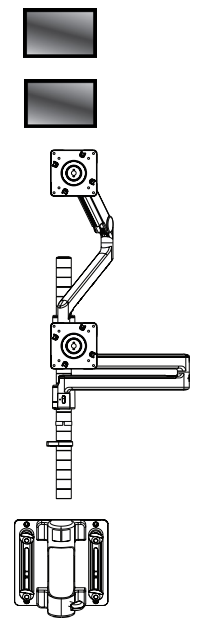
Every arm comes with two VESA mounting plates sized 100mm and 75mm. These will accommodate most monitors.



Vertical Set-Ups for use on the Slat Wall

Choose from set-ups with two or four monitors aligned vertically. These set-ups require two part numbers to be ordered; an arm configuration and a base. Each arm configuration comes with a 24" tall pole that fits in the slat wall style base. Mounting hardware for the base is included.

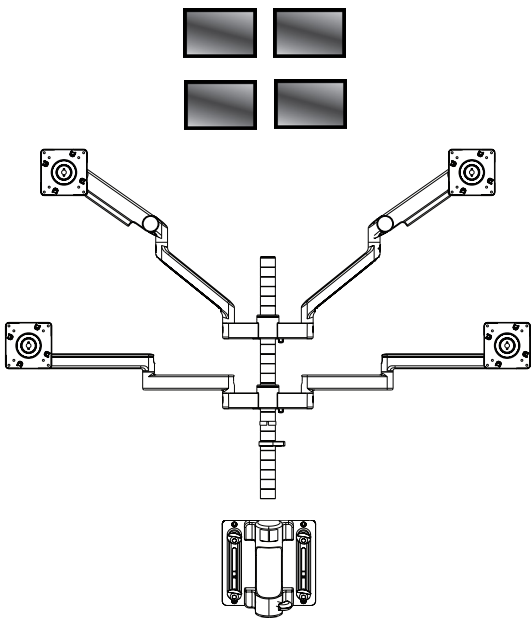
2 Monitor Set-Up



Arm Part Number	Base Part Number
HS-P2V-S12S12-AD	MFBASE-S

Note: Depending on the layout of the console, this set-up may require additional mounting hardware.

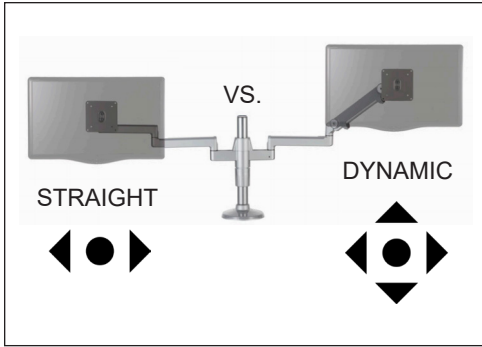
4 Monitor Set-Up



Arm Part Number	Base Part Number
HS-P4-S12S12-AD	MFBASE-S

Note: Depending on the layout of the console, this set-up may require additional mounting hardware.

Dynamic Link Style Articulating Arms

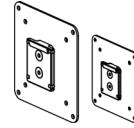


Dynamic Link Style Articulating Monitor Arms

Dynamic link style arms allow for both horizontal and vertical monitor adjustment via the use of extension spring technology located on the second link of the arm. At the end of each arm is a ball joint, allowing the tilt of the monitor to be adjusted as well. The monitor arms are free of harmful Red List chemicals and include a built-in indicator allowing the installer to counterbalance the monitor weight without a monitor. Each arm can support one monitor up to 15 lbs.

VESA Mounting Plates

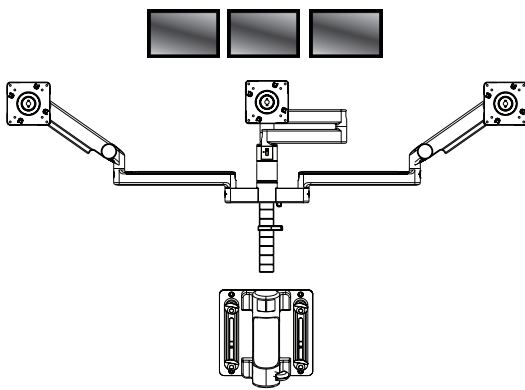
Every arm comes with two VESA mounting plates sized 100mm and 75mm. These will accommodate most monitors.



Horizontal Set-Ups for use on the Slat Wall

Choose from set-ups with one, two, or three monitors. These set-ups require two part numbers to be ordered; an arm configuration and a base. Each arm configuration comes with a pole that fits in the slat wall style base. Mounting hardware for the base is included.

3 Monitor Set-Up

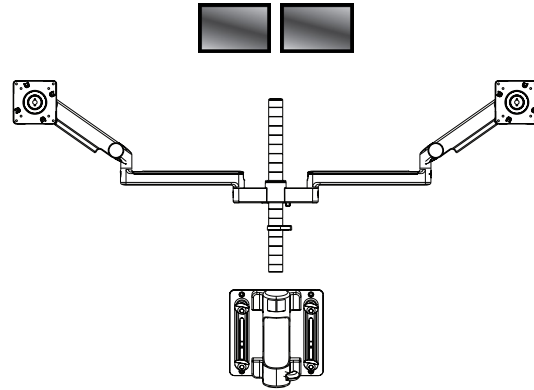


Arm Part Number **Base Part Number**

HS-P3-S12D-S8S8-S12D

MFBASE-S

2 Monitor Set-Up

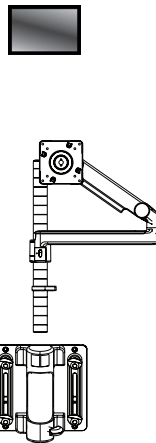


Arm Part Number **Base Part Number**

HS-P2H-S12D

MFBASE-S

1 Monitor Set-Up

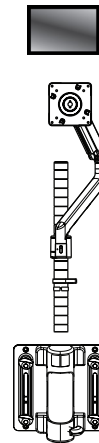


Arm Part Number **Base Part Number**

HS-P1-S12D

MFBASE-S

1 Monitor Set-Up

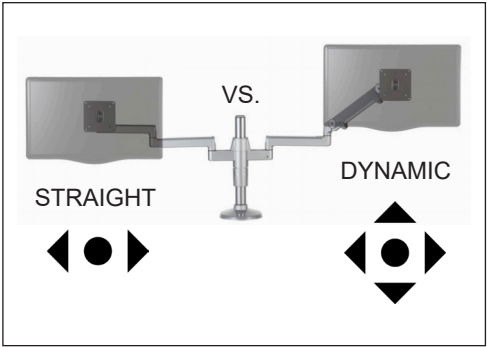


Arm Part Number **Base Part Number**

HS-P1-AD

MFBASE-S

Note: This set-up utilizes an angled first link.

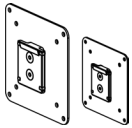


Dynamic Link Style Articulating Monitor Arms

Dynamic link style arms allow for both horizontal and vertical monitor adjustment via the use of extension spring technology located on the second link of the arm. At the end of each arm is a ball joint, allowing the tilt of the monitor to be adjusted as well. The monitor arms are free of harmful Red List chemicals and include a built-in indicator allowing the installer to counterbalance the monitor weight without a monitor. Each arm can support one monitor up to 15 lbs.

VESA Mounting Plates

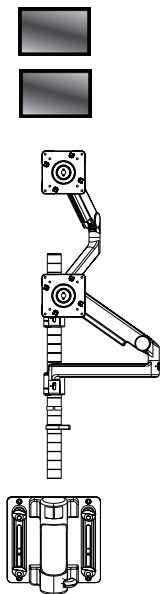
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Vertical Set-Ups for use on the Slat Wall

Choose from set-ups with two or four monitors aligned vertically. These set-ups require two part numbers to be ordered; an arm configuration and a base. Each arm configuration comes with a 24" tall pole that fits in the slat wall style base. Mounting hardware for the base is included.

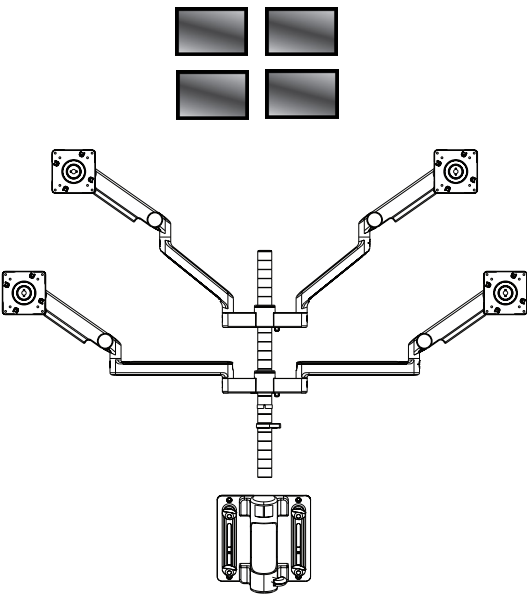
2 Monitor Set-Up



Arm Part Number	Base Part Number
HS-P2V-S12D-AD	MFBASE-S

Note: Depending on the layout of the console, this set-up may require additional mounting hardware.

4 Monitor Set-Up



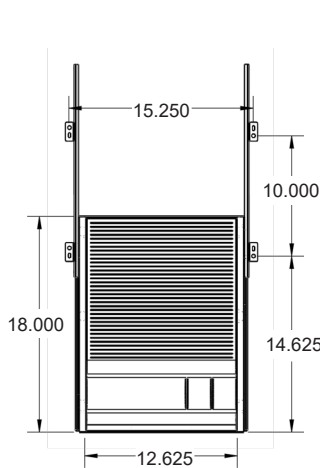
Arm Part Number	Base Part Number
HS-P4-S12D-AD	MFBASE-S

Note: Depending on the layout of the console, this set-up may require additional mounting hardware.

Pencil Trays

Pencil Trays

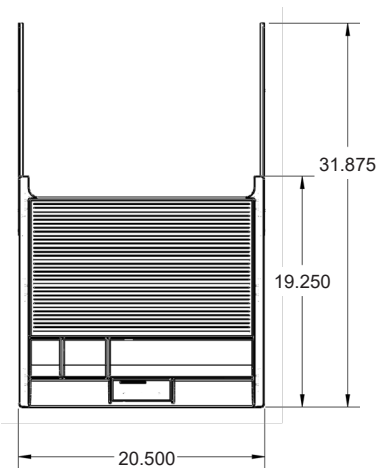
Pencil trays provide a convenient and efficient method for under the desktop storage of pen, pencils, paper clips, note pads and more. All pencil trays are available in black and include the mounting hardware and ball bearing slides.



Small Pencil Tray
Hangs 2.375" below work surface.

Part Number

PENCIL TRAY SM



Large Pencil Tray
Hangs 1.875" below work surface.

Part Number

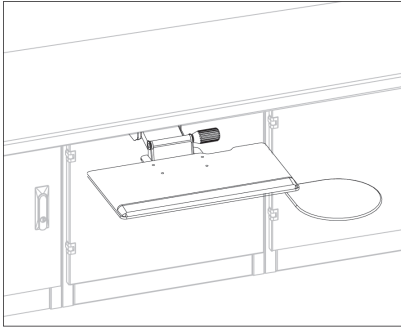
PENCIL TRAY LG

Retractable Keyboard

This ergonomic keyboard mounts to the under side of the work surface, ensuring that users type and mouse within their neutral reach zone.

Part Number

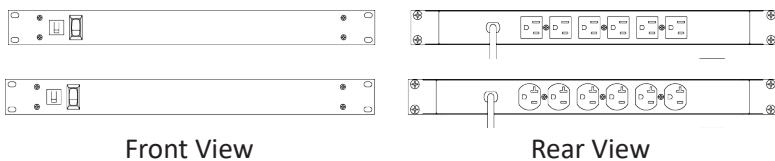
E-SM16







Power

Power





Available in a range of power capacities and configurations, basic PDUs provide reliable power distribution. They are the best value for simple power distribution in work stations or consoles.



Part Numbers	Receptacles Type / QTY	Breaker Amperage / QTY	Plug / Inlet Type	Monitoring	Dimensions W x H x D (")
PDU-615R-PC Amps: 15 (Single Phase) Volts: 120 kW: 1.4	5-15R / 6 (on rear) 	15 / 1	5-15P Straight-Blade 15' Cord 	N/A	1U 19" Horizontal 19.00 x 1.75 x 2.57
		On-Off Switch			
		Yes			
PDU-620R-PC Amps: 20 (Single Phase) Volts: 120 kW: 1.4	5-20R / 6 (on rear) 	20 / 1	5-20P Straight Blade 15' Cord 	N/A	1U 19" Horizontal 19.00 x 1.75 x 2.57
		On-Off Switch			
		Yes			


Includes mounting hardware.



Part Numbers	Receptacles Type / QTY	Breaker Amperage / QTY	Plug / Inlet Type	Monitoring	Dimensions W x H x D (")
WM-180615-PC Amps: 15 (Single Phase) Volts: 120 kW: 1.4	5-15R / 6 	15 / 1	5-15P Straight-Blade 15' Cord 	N/A	0U 18" Vertical 1.62 x 18.00 x 1.21
		On-Off Switch			
		No			
WM-180620-PC Amps: 20 (Single Phase) Volts: 120 kW: 1.4	5-20R / 6 	20 / 1	5-20P Straight Blade 15' Cord 	N/A	0U 18" Vertical 1.62 x 18.00 x 1.21
		On-Off Switch			
		No			

Includes Spring Clips and mounting hardware.



Part Numbers	Receptacles Type / QTY	Breaker Amperage / QTY	Plug / Inlet Type	Monitoring	Dimensions W x H x D (")
WM-180615-DW Amps: 15 (Single Phase) Volts: 120 kW: 1.4	5-15R / 6 	N/A	6" Direct Wire Leads	N/A	0U 18" Vertical 1.43 x 18.00 x 1.13
		On-Off Switch	Threaded for 3/4" conduit fitting.		
		No			

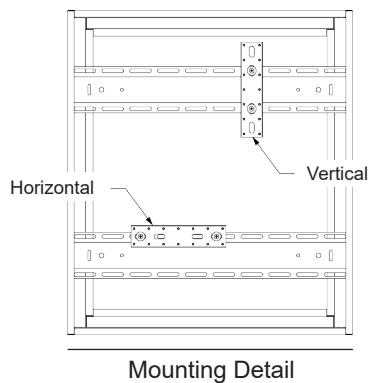
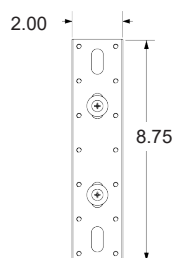
Includes Spring Clips and mounting hardware.

Ground Bus Plate

The copper ground bus plate provides fourteen (14) #10-32 tapped grounding points. It mounts to the frame strut in a vertical or horizontal position. The designed-in mounting flexibility allows for attachment of the ground bus plate in locations as to not interfere with internally mounted equipment and accessories.

Part Number

GBP-0208



Horizontal Cable Managers

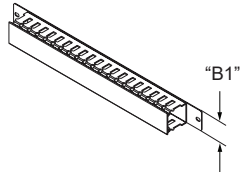
Cable Organizer with Finger Duct

A simple and convenient method of organizing and routing cabling. Includes hinged cover panel. Accepts accessory style C.

Part Numbers

19" EIA Width	"B1" # of Rack Units Used
CMH-1U-19-FD1	1.750 1U
CMH-2U-19-FD1	3.500 2U

24" EIA Width	"B" # of Rack Units Used
CMH-1U-24-FD1	1.750 1U
CMH-2U-24-FD1	3.500 2U

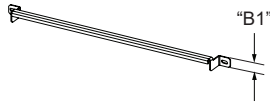


Lacing Bar

Support cables as they exit the back of equipment preventing stress to expensive ports. Accepts accessory style C.

Part Number

19" EIA Width	"B" # of Rack Units Used
CMH-1U-19-LB1	1.750 1U



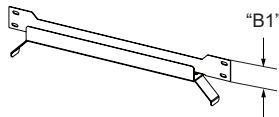
Cable Trough

A simple and convenient method of routing cabling. Accepts accessory style C.

Part Numbers

19" EIA Width	"B1" # of Rack Units Used
CMH-1U-19-T	1.750 1U

24" EIA Width	"B1" # of Rack Units Used
CMH-1U-24-T	1.750 1U

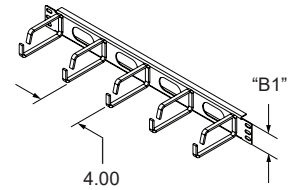


Cable Organizer with 5 D Rings

A simple and convenient method of organizing cabling. Accepts accessory style C.

Part Number

19" EIA Width	"B1" # of Rack Units Used
CMP-1U-19	1.750 1U



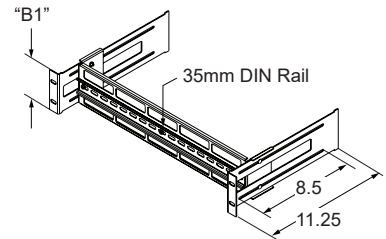
DIN Rail

Rail is 35mm DIN type 3. 8.5" of front-to-rear adjustment. Accepts accessory style C.

Part Numbers

19" EIA Width	"B1" # of Rack Units Used
CMH-2U-19-DIN	3.500 2U

24" EIA Width	"B1" # of Rack Units Used
CMH-2U-24-DIN	3.500 2U

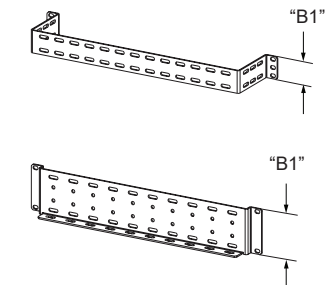


Lacing Panels

A simple and convenient method of organizing cabling. Accepts accessory style C.

Part Numbers

19" EIA Width	"B1" # of Rack Units Used
CMH-1U-19-LP1	1.750 1U
CMH-2U-19-LP2	3.500 2U

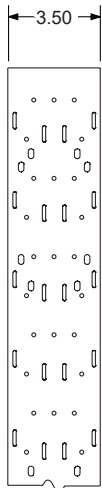


3.5" Wide Vertical Lacing Panel

Material: Aluminum

Accepts accessory style B or C.

Slots allow Velcro or other cable straps to neatly organize cable bundles.



Part Numbers

	Use in frames with this usable height	
WMP-10	10.500	6U

Cable Management Accessories

The following accessories are for use in conjunction with the overhead, vertical and horizontal cable management products.

Style B: Screws in with self tapping screws

Cable Ring

Part Number

DCR-2375

QTY: 1

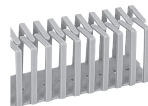


Finger Duct

Part Number

DFD-22

QTY: 1



Velcro Cable Ties w/ Bracket

Part Number

DVS-11

QTY: 10



Style C: Universal

Velcro Cable Ties

Part Number

CMA-001-C

QTY: 20



Lighting

Racklights

Racklights provide illumination for an entire rack of electronic equipment and enable the user to adjust illumination for patching or general rack service. Available in both 5-Watt halogen or low intensity LED, the racklights only occupy 1U of rack space. All racklights include 12-Volt power supply and mounting hardware.



Part Number

ELIGHT RL-10-S

1U rack mount panel with one 12" high intensity (5-Watt halogen) gooseneck permanently attached. The gooseneck is recessed into the panel for transport and is controlled by a dimmer switch. Includes 12-Volt power supply with 6ft. cord and 5-Watt halogen bulb.

Part Number

ELIGHT RL-10-S-LED

1U rack mount panel with one 12" low intensity LED gooseneck permanently attached. The gooseneck is recessed into the panel for transport. A three-way rotary switch enables the user to toggle between white light and red light output. Includes 12-Volt power supply with 6ft. cord.



Part Number

ELIGHT RL-10-D

1U rack mount panel with two 12" high intensity (5-Watt halogen) gooseneck permanently attached. The goosenecks are recessed into the panel for transport and are controlled by dimmer switches. Includes 12-Volt power supply with 6ft. cord and 5-Watt halogen bulb.

Part Number

ELIGHT RL-10-D-LED

1U rack mount panel with two 12" low intensity LED gooseneck permanently attached. The goosenecks are recessed into the panel for transport. A three-way rotary switch enables the user to toggle between white light and red light output. Includes 12-Volt power supply with 6ft. cord.

Product Selector

	Part #	Bulb Type	Bulb Life / *MTBF	Gooseneck
Lampset	ELIGHT L-3/12	Dimmable 5-Watt Halogen	2,000 Hours	12" Permanent
	ELIGHT L-3/18	Dimmable 5-Watt Halogen	2,000 Hours	18" Permanent
	ELIGHT L-12-LED	Switchable Red/White LED	10,000 Hours	12" Permanent
	ELIGHT L-18-LED	Switchable Red/White LED	10,000 Hours	18" Permanent
Racklight	ELIGHT RL-10-S	Dimmable 5-Watt Halogen	2,000 Hours	12" Permanent
	ELIGHT RL-10-D	Dimmable 5-Watt Halogen	2,000 Hours	12" Permanent
	ELIGHT RL-10-S-LED	Switchable Red/White LED	10,000 Hours	12" Permanent
	ELIGHT RL-10-D-LED	Switchable Red/White LED	10,000 Hours	12" Permanent
	ELIGHT 12X-HI	Dimmable 5-Watt Halogen	2,000 Hours	12" Removable
	ELIGHT 18X-HI	Dimmable 5-Watt Halogen	2,000 Hours	18" Removable
	ELIGHT 12X-LED	Switchable Red/White LED	10,000 Hours	12" Removable
	ELIGHT 18X-LED	Switchable Red/White LED	10,000 Hours	18" Removable

*Mean Time Before Failure

Build Your Own Racklight



Part Number

ELIGHT RLX

1U rack mount panel with two 3-pin XLR connectors for use with 3-pin goosenecks. Includes 12-Volt power supply with 6ft. cord. Gooseneck(s) sold separately.



Part Number

ELIGHT 12X-HI

12" high intensity (5-Watt halogen) gooseneck for use with any standard 3-pin XLR connector.

Part Number

ELIGHT 18X-HI

18" high intensity (5-Watt halogen) gooseneck for use with any standard 3-pin XLR connector.

Part Number

ELIGHT 12X-LED

12" low intensity LED gooseneck with 3-pin XLR connector. Light output is white.

Part Number

ELIGHT 18X-LED

18" low intensity LED gooseneck with 3-pin XLR connector. Light output is white.

Lampsets

Lampsets shed light exactly where you need it. Lampsets are available with 12" or 18" gooseneck lengths and include bulb, chassis and fully adjustable dimmer. Each lampset includes a 12-Volt power supply, a snap mount set^(SM) for easy removable mounting and screws for permanent mounting.



Part Number

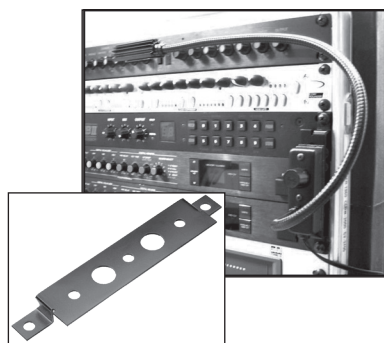
ELIGHT L-3/12

High intensity (5-Watt halogen) lampset with a 12" gooseneck permanently attached. The gooseneck is controlled by a dimmer switch. Includes 12-Volt power supply with 6ft. cord and 5-Watt halogen bulb.

Part Number

ELIGHT L-3/18

High intensity (5-Watt halogen) lampset with an 18" gooseneck permanently attached. The gooseneck is controlled by a dimmer switch. Includes 12-Volt power supply with 6ft. cord and 5-Watt halogen bulb.



Part Number

ELIGHT RAKIT

This bracket allows you to mount a lampset to your rack without using any rack space. The bracket spans a 3U rack space and will not interfere with rack mounted equipment controls.

Part Number

ELIGHT L-12-LED

Low intensity LED lampset with a 12" gooseneck permanently attached. A three-way rotary switch enables user to toggle between white light and red light output. Includes 12-Volt power supply with 6ft. cord.

Part Number

ELIGHT L-18-LED

Low-intensity LED lampset with an 18" gooseneck permanently attached. A three-way rotary switch enables the user to toggle between white light and red light output. Includes 12-Volt power supply with 6ft. cord.



Part Number

ELIGHT CWB

Turn your lampset into a desk light with a Cast Weighted Base. This design features four rubber feet for maximum stability.

General Accessories

Use these accessories with either Racklights or Lampsets



Part Number

ELIGHT WYE

This splitter cable connects multiple goosenecks to a single power supply.

Use WYE with halogen lights.



Part Number

ELIGHT PYE

This splitter cable connects multiple goosenecks to a single power supply.

Use PYE with LED lights.



Part Number

ELIGHT Q5

5-Watt halogen replacement bulb.

Light Duty Shelf

Light Duty Shelf

Light Duty shelves provide an easy method of storing non-rack mount style equipment in a frame. The shelf attaches to the front flange of the mounting rails and require no rear attachment point. An adjustable backstop is provided for alignment.

- Load capacity: 50-lbs. evenly distributed.

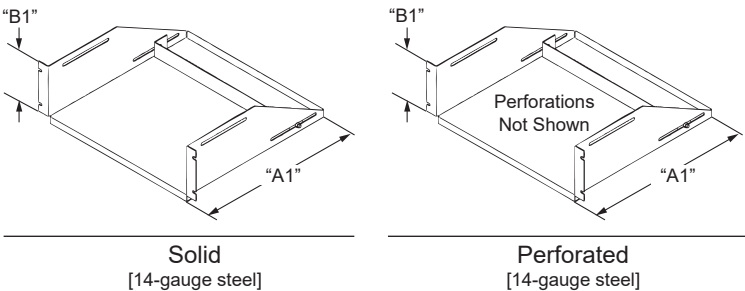
Note

The bottom flange of this shelf intrudes .750" on the rack space below. Items that take up internal space cannot be mounted directly below this shelf.

Part Numbers

19" EIA Width				
Solid	Perforated	"A1" Shelf Depth	"B1" # of Rack Units Used	
SH-1619	SH-1619-PA	16.500	5.250	3U

24" EIA Width				
Solid	Perforated	"A1" Shelf Depth	"B1" # of Rack Units Used	
SH-1624	SH-1624-PA	16.500	5.250	3U



Enclosed Shelf

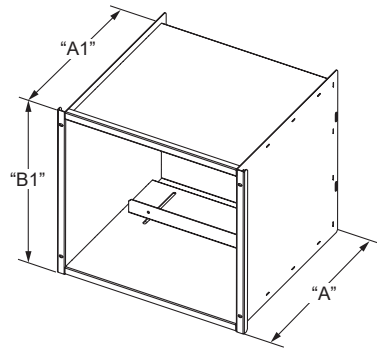
Using this sturdy enclosed shelf, non-rack mounted equipment can be safely positioned within the enclosure. The shelf attaches to the front flange of the mounting rails and require no rear attachment point. An adjustable backstop is provided for alignment.

- Load capacity: 50-lbs. evenly distributed.

Part Numbers

19" EIA Width			
Solid	"A1"	"B1"	
	Shelf Depth	# of Rack Units Used	
ME-1719	17.750	17.500	10U
ME-2419	17.750	24.500	14U

24" EIA Width			
Solid	"A1"	"B1"	
	Shelf Depth	# of Rack Units Used	
ME-1724	17.750	17.500	10U
ME-2424	17.750	24.500	14U



Enclosed Shelf
[16-gauge steel]

Book Shelf

Book Shelf

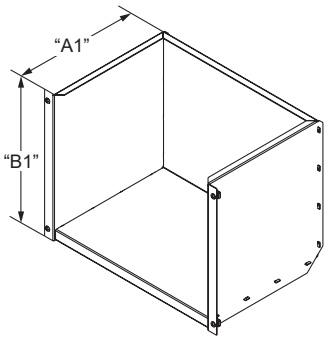
Available in two heights, book shelves are perfect for storing binders, service manuals, and other non-rack mount items. The shelf attaches to the front flange of the mounting rails and requires no rear attachment point.

Load capacity: 50-lbs. evenly distributed.

Part Numbers

19" EIA Width			
Solid	"A1" Shelf Depth	"B1" # of Rack Units Used	
FP2-BS 1019	12.700	10.500	6U
FP2-BS 1419	12.700	14.000	8U

24" EIA Width			
Solid	"A1" Shelf Depth	"B1" # of Rack Units Used	
FP2-BS 1024	12.700	10.500	6U
FP2-BS 1424	12.700	14.500	8U



Book Shelf
[16-gauge steel]

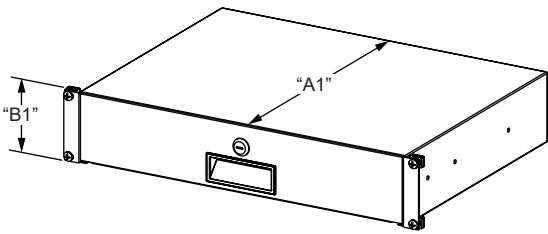
Light Duty Locking Drawer

The light duty locking drawer is perfect for applications where securely storing small items is required. The drawer attaches to the front flange of the mounting rails and require no rear attachment point. It is finished in a black powder coat paint. This drawer is keyed differently than doors/side panels.

- Load capacity: 20-lbs. evenly distributed.
- Drawer extension: 11.77" from front of the enclosure.

Part Numbers

19" EIA Width			
	"A1" Drawer Depth	"B1" # of Rack Units Used	
LKD-0319	13.320	3.500	2U



Light Duty Locking Drawer
[16-gauge steel]

Heavy Duty Shelves

Heavy Duty Shelves

Heavy duty shelves are designed to fit anywhere within the usable rack space of an enclosure to house non-rack mounted equipment.

- Solid style load capacity: 350-lbs. evenly distributed.
- Perforated style load capacity: 200-lbs. evenly distributed.

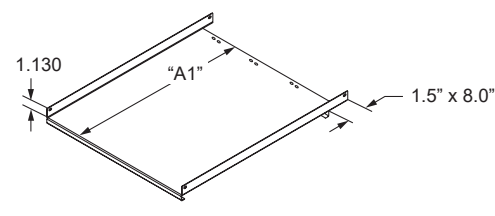
Note

The bottom flange of this shelf intrudes .613" on the rack space below. Items that take up internal space cannot be mounted directly below this shelf.

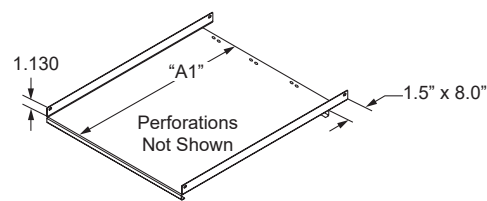
Part Numbers

19" EIA Width					
Solid	Perforated	"A1" Shelf Depth	# of Rack Units Used		Fits w/ this Rail to Rail Setting
SES-1819	SES-1819-PA	14.875	1.750	1U	A 17.250"
SES-2219	SES-2219-PA	18.375	1.750	1U	B 20.750"
SES-2519	SES-2519-PA	21.875	1.750	1U	C 24.250"

24" EIA Width					
Solid	Perforated	"A1" Shelf Depth	# of Rack Units Used		Fits w/ this Rail to Rail Setting
SES-1824	SES-1824-PA	14.875	1.750	1U	A 17.250"
SES-2224	SES-2224-PA	18.375	1.750	1U	B 20.750"
SES-2524	SES-2524-PA	21.875	1.750	1U	C 24.250"



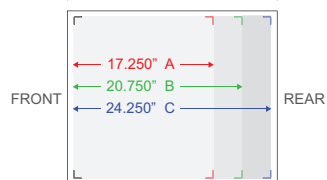
Solid
[14-gauge steel]



Perforated
[14-gauge steel]

Rail to Rail Settings (mounts to rails or straps - not square hole rails)

This item requires both a front and rear attach point. Since the rear rails inside of a frame can be positioned in multiple locations, or multiple sets of rails may be used, be sure to select the proper part number based on the rail settings. The following image indicates standard rail locations that will allow this item to be properly positioned.



Heavy Duty Chassis Guides

Heavy Duty Chassis guides (sold as pairs) are used to support heavy equipment by means of angular steel support members, leaving the bottom of the mounted equipment exposed for cooling or servicing. Chassis guides are mounted flange side down, unless otherwise specified.

- Load capacity: 200-lbs. evenly distributed.

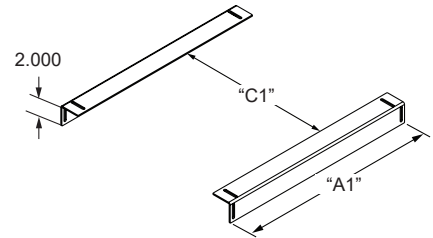
Note

Due to the thickness of the material, chassis guides interfere .125" on both the rack space above and below where this item is mounted. Items that take up internal space cannot be mounted directly above or below chassis guides.

Part Numbers

	"A1" Chassis Guide Depth	# of Rack Units Used		Fits w/ this Rail to Rail Setting	"C1" 19" EIA Width	"C1" 24" EIA Width
CG-18	16.562	1.750	1U	A 17.250"	15.406	20.406
CG-22	20.062	1.750	1U	B 20.750"	15.406	20.406
CG-25	23.562	1.750	1U	C 24.250"	15.406	20.406

"C1" Distance Between Chassis Guides



Chassis Guide
[11-gauge steel]

Light Duty Chassis Guides

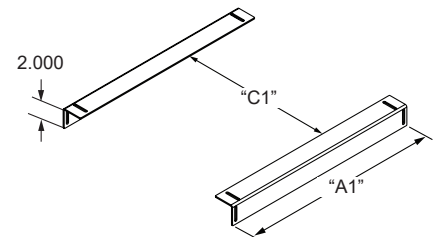
Light Duty Chassis guides (sold as pairs) are used to support heavy equipment by means of angular steel support members, leaving the bottom of the mounted equipment exposed for cooling or servicing. Chassis guides are mounted flange side down, unless otherwise specified.

- Load capacity: 75-lbs. evenly distributed.

Part Numbers

	"A1" Chassis Guide Depth	# of Rack Units Used		Fits w/ this Rail to Rail Setting	"C1" 19" EIA Width	"C1" 24" EIA Width
CG-18-LD	16.562	1.750	1U	A 17.250"	15.406	20.406
CG-22-LD	20.062	1.750	1U	B 20.750"	15.406	20.406
CG-25-LD	23.562	1.750	1U	C 24.250"	15.406	20.406

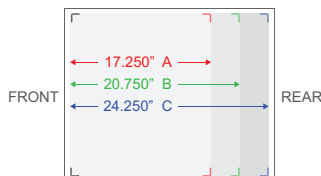
"C1" Distance Between Chassis Guides



Chassis Guide
[16-gauge steel]

Rail to Rail Settings (mounts to rails or straps - not square hole rails)

This item requires both a front and rear attach point. Since the rear rails inside of a frame can be positioned in multiple locations, or multiple sets of rails may be used, be sure to select the proper part number based on the rail settings. The following image indicates standard rail locations that will allow this item to be properly positioned.



2U Sliding Shelves

2U Sliding Shelves

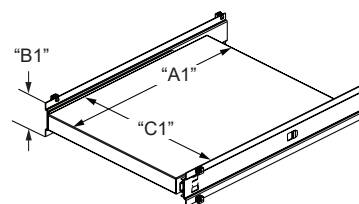
Sliding, or Pull-out shelves make it possible to slide equipment in and out of the enclosure for fast, easy accessibility. Heavy-duty ball bearing slides allow for ease of movement and have a quick disconnect feature. Upon request, the shelf can be flipped over and used as a tray if desired (1.625" thick)

- Load capacity: 90-lbs. evenly distributed.
- Shelf extension: 17" from front of the enclosure.

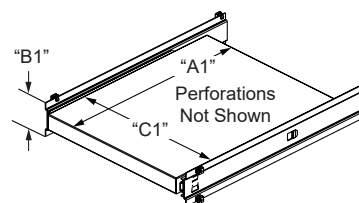
Part Numbers

19" EIA Width		"A1" Shelf Depth	"C1" Shelf Width	"B1" # of Rack Units Used		Fits w/ this Rail to Rail Setting
Solid	Perforated					
SCSQ-1819	contact factory	16.750	16.320	3.500	2U	A 17.250"
SCSQ-2219	SCSQ-2219-PA	20.250	16.320	3.500	2U	B 20.750"
SCSQ-2519	SCSQ-2519-PA	20.250	16.320	3.500	2U	C 24.250"

24" EIA Width		"A1" Shelf Depth	"C1" Shelf Width	"B1" # of Rack Units Used		Fits w/ this Rail to Rail Setting
Solid	Perforated					
SCSQ-1824	contact factory	16.750	21.320	3.500	2U	A 17.250"
SCSQ-2224	SCSQ-2224-PA	20.250	21.320	3.500	2U	B 20.750"
SCSQ-2524	SCSQ-2524-PA	20.250	21.320	3.500	2U	C 24.250"



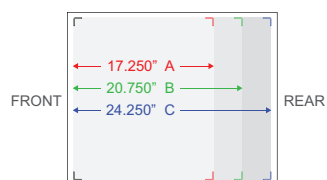
Solid
[18-gauge steel]



Perforated
[16-gauge steel]

Rail to Rail Settings (mounts to rails or straps - not square hole rails)

This item requires both a front and rear attach point. Since the rear rails inside of a frame can be positioned in multiple locations, or multiple sets of rails may be used, be sure to select the proper part number based on the rail settings. The following image indicates standard rail locations that will allow this item to be properly positioned.



Drawer with Lid

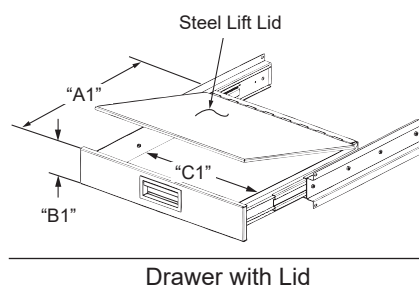
These drawers can be used for storing equipment which requires easy access, or as a pull-out writing shelf. Heavy-duty ball bearing slides allow for ease of movement and have a quick disconnect feature. Both paint and laminate color selection is necessary at time of order placement.

- Load capacity: 90-lbs. evenly distributed.
- Drawer extension: 17" from front of the enclosure.

Part Numbers

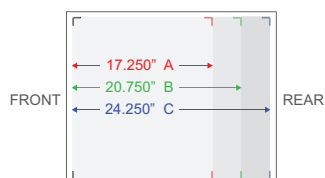
19" EIA Width					
Non-Locking	"A1" Drawer Depth	"C1" Drawer Width	"B1" # of Rack Units Used	Fits w/ this Rail to Rail Setting	
SRSQ-1819	16.960	16.224	3.5000	2U	A 17.250"
SRSQ-2219	16.960	16.224	3.5000	2U	B 20.750"
SRSQ-2519	16.960	16.224	3.5000	2U	C 24.250"

24" EIA Width					
Non-Locking	"A1" Drawer Depth	"C1" Drawer Width	"B1" # of Rack Units Used	Fits w/ this Rail to Rail Setting	
SRSQ-1824	16.960	21.224	3.5000	2U	A 17.250"
SRSQ-2224	16.960	21.224	3.5000	2U	B 20.750"
SRSQ-2524	16.960	21.224	3.5000	2U	C 24.250"



Rail to Rail Settings (mounts to rails or straps - not square hole rails)

This item requires both a front and rear attach point. Since the rear rails inside of a frame can be positioned in multiple locations, or multiple sets of rails may be used, be sure to select the proper part number based on the rail settings. The following image indicates standard rail locations that will allow this item to be properly positioned.

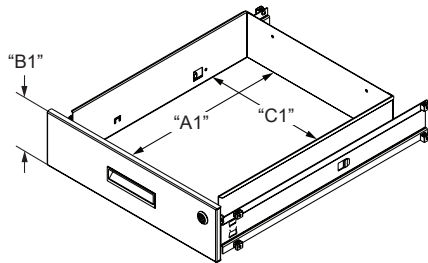


Drawers

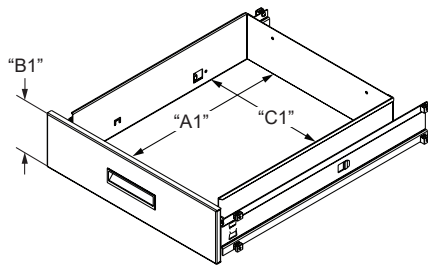
Drawers

Drawers provide for efficient storage and easy access of system support materials. Heavy-duty ball bearing slides allow for ease of movement.

- Load capacity: 90-lbs. evenly distributed.
- Drawer extension: 17" from front of the enclosure.



Locking Drawer

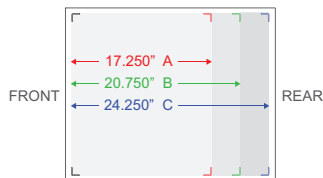


Non-Locking Drawer

Rail to Rail Settings

(mounts to rails or straps - not square hole rails)

This item requires both a front and rear attach point. Since the rear rails inside of a frame can be positioned in multiple locations, or multiple sets of rails may be used, be sure to select the proper part number based on the rail settings. The following image indicates standard rail locations that will allow this item to be properly positioned.



Part Numbers

19" EIA Width		"A1" Drawer Depth	"C1" Drawer Width	"B1" # of Rack Units Used	Fits w/ this Rail to Rail Setting
Non-Locking	Locking				
SDRQ-180319	SDRQ-180319-LK	16.973	16.224	3.500	2U A 17.250"
SDRQ-220319	SDRQ-220319-LK	20.473	16.224	3.500	2U B 20.750"
SDRQ-250319	SDRQ-250319-LK	20.473	16.224	3.500	2U C 24.250"
SDRQ-180519	SDRQ-180519-LK	16.973	16.224	5.250	3U A 17.250"
SDRQ-220519	SDRQ-220519-LK	20.473	16.224	5.250	3U B 20.750"
SDRQ-250519	SDRQ-250519-LK	20.473	16.224	5.250	3U C 24.250"
SDRQ-180719	SDRQ-180719-LK	16.973	16.224	7.000	4U A 17.250"
SDRQ-220719	SDRQ-220719-LK	20.473	16.224	7.000	4U B 20.750"
SDRQ-250719	SDRQ-250719-LK	20.473	16.224	7.000	4U C 24.250"
SDRQ-180819	SDRQ-180819-LK	16.973	16.224	8.750	5U A 17.250"
SDRQ-220819	SDRQ-220819-LK	20.473	16.224	8.750	5U B 20.750"
SDRQ-250819	SDRQ-250819-LK	20.473	16.224	8.750	5U C 24.250"
SDRQ-181019	SDRQ-181019-LK	16.973	16.224	10.500	6U A 17.250"
SDRQ-221019	SDRQ-221019-LK	20.473	16.224	10.500	6U B 20.750"
SDRQ-251019	SDRQ-251019-LK	20.473	16.224	10.500	6U C 24.250"
SDRQ-181419	SDRQ-181419-LK	16.973	16.224	14.000	8U A 17.250"
SDRQ-221419	SDRQ-221419-LK	20.473	16.224	14.000	8U B 20.750"
SDRQ-251419	SDRQ-251419-LK	20.473	16.224	14.000	8U C 24.250"

24" EIA Width		"A1" Drawer Depth	"C1" Drawer Width	"B1" # of Rack Units Used	Fits w/ this Rail to Rail Setting
Non-Locking	Locking				
SDRQ-180324	SDRQ-180324-LK	16.973	21.224	3.500	2U A 17.250"
SDRQ-220324	SDRQ-220324-LK	20.473	21.224	3.500	2U B 20.750"
SDRQ-250324	SDRQ-250324-LK	20.473	21.224	3.500	2U C 24.250"
SDRQ-180524	SDRQ-180524-LK	16.973	21.224	5.250	3U A 17.250"
SDRQ-220524	SDRQ-220524-LK	20.473	21.224	5.250	3U B 20.750"
SDRQ-250524	SDRQ-250524-LK	20.473	21.224	5.250	3U C 24.250"
SDRQ-180724	SDRQ-180724-LK	16.973	21.224	7.000	4U A 17.250"
SDRQ-220724	SDRQ-220724-LK	20.473	21.224	7.000	4U B 20.750"
SDRQ-250724	SDRQ-250724-LK	20.473	21.224	7.000	4U C 24.250"
SDRQ-180824	SDRQ-180824-LK	16.973	21.224	8.750	5U A 17.250"
SDRQ-220824	SDRQ-220824-LK	20.473	21.224	8.750	5U B 20.750"
SDRQ-250824	SDRQ-250824-LK	20.473	21.224	8.750	5U C 24.250"
SDRQ-181024	SDRQ-181024-LK	16.973	21.224	10.500	6U A 17.250"
SDRQ-221024	SDRQ-221024-LK	20.473	21.224	10.500	6U B 20.750"
SDRQ-251024	SDRQ-251024-LK	20.473	21.224	10.500	6U C 24.250"
SDRQ-181424	SDRQ-181424-LK	16.973	21.224	14.000	8U A 17.250"
SDRQ-221424	SDRQ-221424-LK	20.473	21.224	14.000	8U B 20.750"
SDRQ-251424	SDRQ-251424-LK	20.473	21.224	14.000	8U C 24.250"

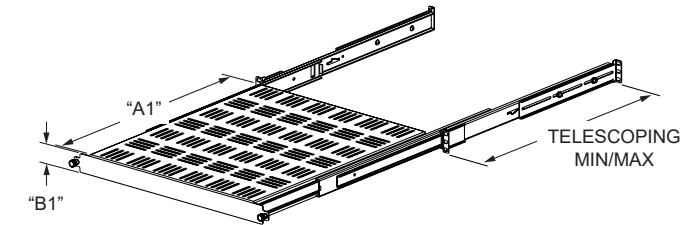
1U Sliding Shelf

Sliding shelves make it possible to slide equipment in and out of the enclosure for fast, easy accessibility. Heavy-duty ball bearing slides allow for ease of movement and feature a lock open option. The shelf can be flipped over and used as a tray if desired and comes with captive fasteners to lock the tray in the closed position. The vents aid in air flow management and are sized for #10 hardware. The 1U sliding shelf comes in a black power coat.

- SHS-1U-20 load capacity: 112-lbs. evenly distributed.

Part Numbers

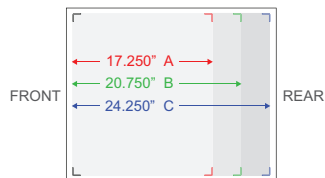
19" EIA Width				
Vented	"A1" Shelf Depth	"B1" # of Rack Units Used	1U	Telescoping Min/Max Depth
SHS-1U-20	20.000	1.750	1U	22.000" - 26.000"



1U Sliding Shelf
[14-gauge steel]

Rail to Rail Settings (mounts to rails only)

This item requires both a front and rear attach point. Since the rear rails inside of a frame can be positioned in multiple locations, or multiple sets of rails may be used, be to double check that the telescoping Max/Min depth is within the constraints of your rail settings.



1U Fixed Adjustable Depth Shelf

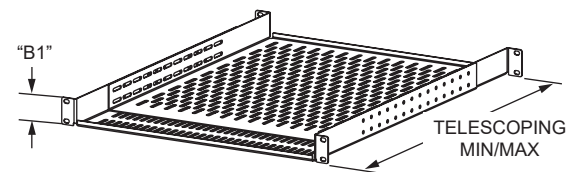
1U Fixed Adjustable Depth Shelf

Why lock your rail settings, as determined by the depth of the shelf? This shelf has telescopic rear mount for increased versatility, while providing the stability of 4-point mounting. The side lip prevents item or equipment from sliding off the shelf. Vents aid in airflow management. The shelf comes in black powder coat finish.

- Load capacity: 250-lbs. evenly distributed.

Part Numbers

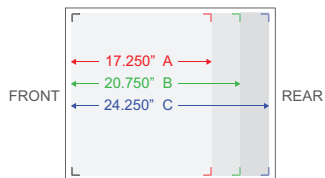
19" EIA Width		
Vented	"B1" # of Rack Units Used	Telescoping Min/Max Depth
SHF-1U-22-36	1.750 1U	22.000" - 36.000"



1U Fixed Shelf
[14-gauge steel]

Rail to Rail Settings (mounts to rails only)

This item requires both a front and rear attach point. Since the rear rails inside of a frame can be positioned in multiple locations, or multiple sets of rails may be used, be to double check that the telescoping Max/Min depth is within the constraints of your rail settings.



Dual Fan Panel

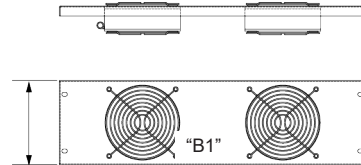
Dual fan panels are designed to mount in the front, rear, and top panel openings and are primarily used to help protect rack-mount equipment from overheating, performance issues, and shortened lifespan.

- 115 Volt AC power or 230 Volt AC Power.
- Fan Motors are UL component recognized; CSA certified.
- Fan size: 4.625" square x 1.5" deep.
- Operating temperature range: -4°F to +158°F.

Part Numbers

19" EIA Width									
	Airflow	# of Fans	CFM	Watts	Volts	dBA	"B1" # of Rack Units Used		Plug
XPN-0519-FP-2I	Intake	2	204	40	115	43	5.250	3U	yes
XPN-0519-FP-2E	Exhaust	2	204	40	115	43	5.250	3U	yes
XPN-0519-FP-2I-220	Intake	2	204	40	230	43	5.250	3U	no
XPN-0519-FP-2E-220	Exhaust	2	204	40	230	43	5.250	3U	no

Air delivery based on operating at 60 HZ, single phase power.



24" EIA Width									
	Airflow	# of Fans	CFM	Watts	Volts	dBA	"B1" # of Rack Units Used		Plug
XPN-0524-FP-2I	Intake	2	204	40	115	43	5.250	3U	yes
XPN-0524-FP-2E	Exhaust	2	204	40	115	43	5.250	3U	yes
XPN-0524-FP-2I-220	Intake	2	204	40	230	43	5.250	3U	no
XPN-0524-FP-2E-220	Exhaust	2	204	40	230	43	5.250	3U	no

Air delivery based on operating at 60 HZ, single phase power.

Note:

115 Volt includes a 6' power cord with molded 5-15P plug.
230 Volt has no plug.

Note

If the fans are set to **intake** cooler air they should be positioned near the bottom of the rack.

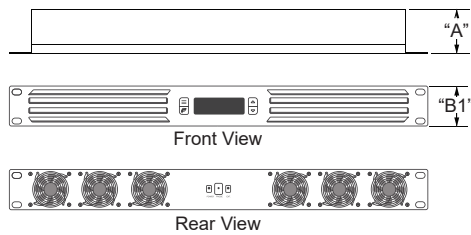
If the fans are set to **exhaust** out heated air they should be positioned near the top of the rack.

Thermostatically Controlled Rack Fan Panels

Thermostatically Controlled Rack Fan Panels

Thermostatically controlled rack fans panels are designed to mount in the front or rear panel openings and are primarily used to help protect rack-mount equipment from overheating, performance issues, and shortened lifespan.

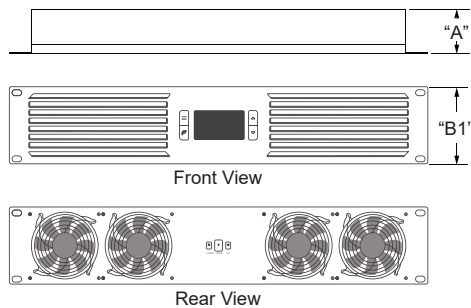
- 115 Volt AC power.
- Operating temperature range: 14°F to 230°F.
- Programmable thermostat controller with automated speed control, alarm warnings, and backup memory.
- PWM-controlled motor features precise speed control, reduced rotor noise, and runs on energy efficient DC voltage.
- Fan Motors are UL component recognized; CSA certified.
- Fans contain long-life ball bearings rated at 67,000 hours and are certified by CE, UL, and RoHS.
- Coded precision sensor probe constructed of stainless steel.
- Supplied with a 72" 18/3 SJT power cord with a NEMA 5-15P plug.
- Each unit contains a DC connector port which can be used to control another rack fan.



Part Numbers

	Airflow	# of Fans	CFM	Watts	Volts	dBA	"A" Fan Depth	"B1" # of Rack Units Used
PN-0119-060I-FP	Intake	6	20-60	8	12	8-28	1.50	1.75 1U
PN-0119-060E-FP	Exhaust	6	20-60	8	12	8-28	1.50	1.75 1U

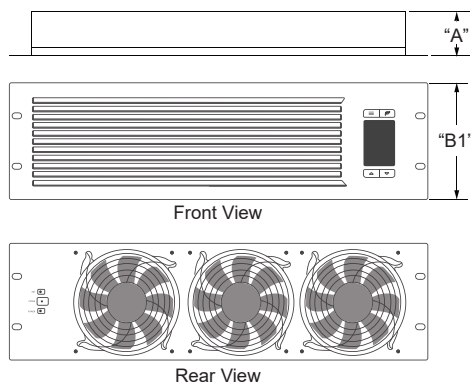
Air delivery based on operating at 115 volts, 60 HZ, single phase power.



Part Numbers

	Airflow	# of Fans	CFM	Watts	Volts	dBA	"A" Fan Depth	"B1" # of Rack Units Used
PN-0319-130I-FP	Intake	3	50-220	10	12	10-36	1.50	3.50 2U
PN-0319-130E-FP	Exhaust	3	50-220	10	12	10-36	1.50	3.50 2U

Air delivery based on operating at 115 volts, 60 HZ, single phase power.



Part Numbers

	Airflow	# of Fans	CFM	Watts	Volts	dBA	"A" Fan Depth	"B1" # of Rack Units Used
PN-0519-300I-FP	Intake	3	60-300	12	12	12-38	2.00	5.25 3U
PN-0519-300E-FP	Exhaust	3	60-300	12	12	12-38	2.00	5.25 3U

Air delivery based on operating at 115 volts, 60 HZ, single phase power.

Note

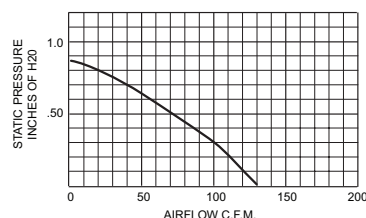
If the fans are set to **intake** cooler air they should be positioned near the bottom of the rack.

If the fans are set to **exhaust** out heated air they should be positioned near the top of the rack.

Packaged Blowers

Packaged blowers effectively cool critical electronic components within an enclosure by means of clean positive air pressure.

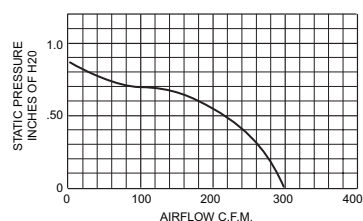
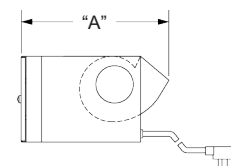
- 115 and 230 Volt AC power.
- Permanent washable filter which can be serviced without removing the blower from the rack.
- Operating temperature range: 20°F to 250°F.
- Fan motors are UL component recognized; CSA certified.
- Motor: Shaded-pole, rust resistant shaft, double shielded ball bearings and permanently lubricated.
- Includes exhaust guards and 65% open stainless-steel grille with captive fasteners.



Part Number - 115 Volt | Part Number - 230 Volt

BL-130		BL-130-230			
CFM	Watts	AMPS		dBA	"A" Blower Depth
		RUN	L.R.		
130	65	0.8	1.3	66.0	7.690

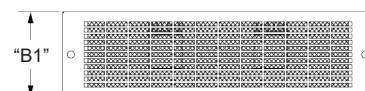
Adapter bracket part number **ABA-05**
Replacement filter part number **FI-130-300**
Weight 13 lbs.



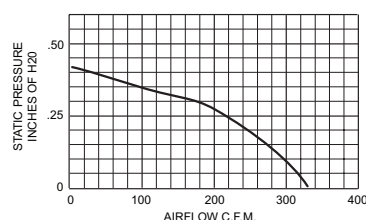
Part Number - 115 Volt | Part Number - 230 Volt

BL-300		BL-300-230			
CFM	Watts	AMPS		dBA	"A" Blower Depth
		RUN	L.R.		
300	95	1.4	1.9	64.5	7.690

Adapter bracket part number **ABA-05**
Replacement filter part number **FI-130-300**
Weight 13 lbs.



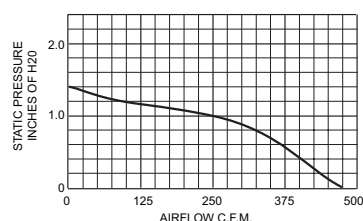
Blower Detail



Part Number - 115 Volt | Part Number - 230 Volt

BL-330		BL-330-230			
CFM	Watts	AMPS		dBA	"A" Blower Depth
		RUN	L.R.		
330	85	1.1	1.6	60.2	10.060

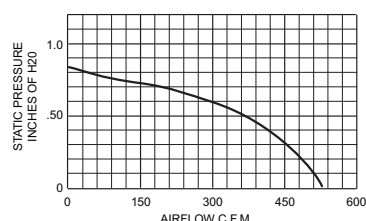
Adapter bracket part number **ABA-07**
Replacement filter part number **FI-330-470**
Weight 18 lbs.



Part Number - 115 Volt | Part Number - 230 Volt

BL-470		BL-470-230			
CFM	Watts	AMPS		dBA	"A" Blower Depth
		RUN	L.R.		
470	185	1.7	3.1	66.7	10.250

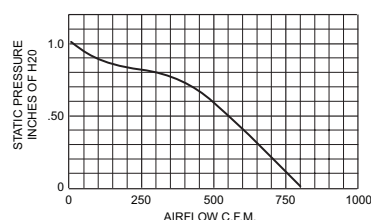
Adapter bracket part number **ABA-07**
Replacement filter part number **FI-330-470**
Weight 18 lbs.



Part Number - 115 Volt

BL-525		AMPS		dBA	"A" Blower Depth
CFM	Watts	RUN	L.R.		
525	140	1.3	1.9	63.6	11.560

Adapter bracket part number **ABA-08**
Replacement filter part number **FI-525**
Weight 28 lbs.



Part Number - 115 Volt | Part Number - 230 Volt

BL-800*		BL-800-230*			
CFM	Watts	AMPS		dBA	"A" Blower Depth
		RUN	L.R.		
800	260	2.5	5.1	71.2	13.130

Adapter bracket part number **ABA-10**
Replacement filter part number **FI-800**
*6 week lead time item
Weight 35 lbs.

Air delivery based on operating at 60 HZ, single phase power.

Note:

115 Volt includes a 3' power cord with molded 5-15P plug.
230 Volt includes a 3' power cord with no plug.

Note:

Blowers fit 19" EIA panel openings. When the blower is to be installed in a 24" EIA panel opening, an adapter bracket is required. The correct adapter bracket number is listed in each table and must be ordered separately.

Fan Trays

Fan Trays

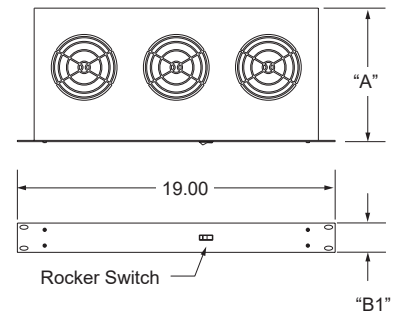
Fan trays mount to the front flange of the mounting rails and are primarily used for spot cooling within a frame.

- 115 Volt and 230 Volt AC power options.
- Fan Motors are UL component recognized; CSA certified.
- Exhaust guards on the top and bottom.
- Rear support brackets.
- Supplied with a 72" power cord with a NEMA 5-15P plug.

Part Numbers

19" EIA Width									
	# of Fans	CFM	Watts	Volts	dBA	"A" Fan Tray Depth	"B1" # of Rack Units Used		Rear Support Bracket Max Depth
FT-3-115V-300-NT	3	310	45	115	53	8.00	1.75	1U	-
FT-3-230V-300-NT	3	310	45	230	53	8.00	1.75	1U	-

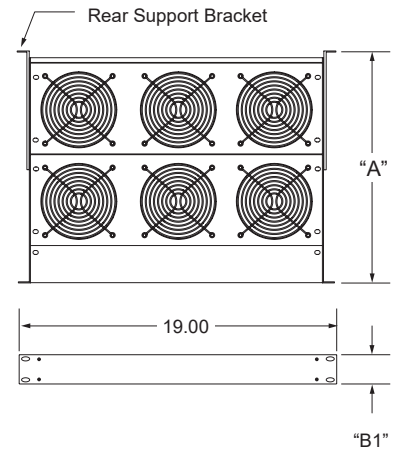
Air delivery based on operating at 60 HZ, single phase power.



Part Numbers

19" EIA Width									
	# of Fans	CFM	Watts	Volts	dBA	"A" Fan Tray Depth	"B1" # of Rack Units Used		Rear Support Bracket Max Depth
FT-6-115V-660	6	660	90	115	47	14.00	1.75	1U	21.00"
FT-6-115/230V-660	6	660	90	115/230	47	14.00	1.75	1U	21.00"

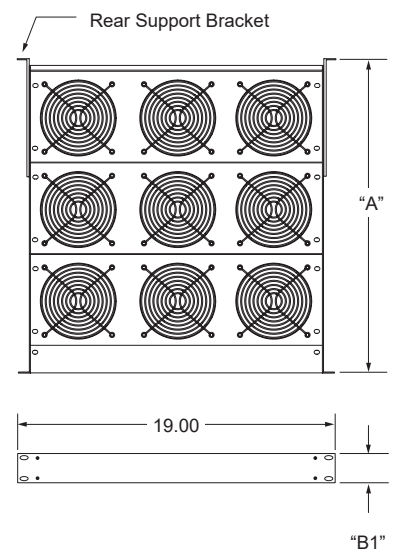
Air delivery based on operating at 60 HZ, single phase power.



Part Numbers

19" EIA Width									
	# of Fans	CFM	Watts	Volts	dBA	"A" Fan Tray Depth	"B1" # of Rack Units Used		Rear Support Bracket Max Depth
FT-9-115V-990	9	990	135	115	47	19.00	1.75	1U	26.00"
FT-9-230V-990	9	990	135	230	47	19.00	1.75	1U	26.00"

Air delivery based on operating at 60 HZ, single phase power.



Thermostatically Controlled Fan Trays

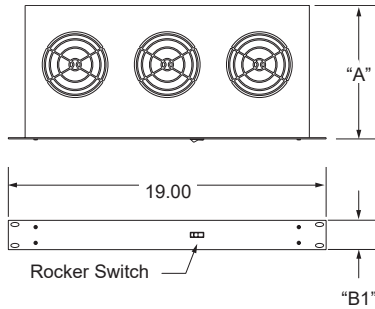
Fan trays mount to the front flange of the mounting rails and are primarily used for spot cooling within a frame. The thermostat senses the ambient temperature and adjusts its fan speed accordingly.

- 115 Volt and 230 Volt AC power options.
- Hub mounted or remote detachable thermistor.
- 600,000 hour life expectancy.
- Fan Motors are UL component recognized; CSA certified.
- Supplied with a 72" power cord with a NEMA 5-15P plug.

Part Numbers

19" EIA Width									
	Thermistor Location	# of Fans	CFM	Watts	Volts	dBA	"A" Fan Tray Depth	"B1" # of Rack Units Used	
FT-3-115V-300-HMT	Hub Mounted	3	190-300	45	115	37-45	8.00	1.75	1U
FT-3-230V-300-HMT	Hub Mounted	3	190-300	45	230	37-45	8.00	1.75	1U
FT-3-115V-300-RDT	Remote / Detachable	3	190-300	45	115	37-45	8.00	1.75	1U

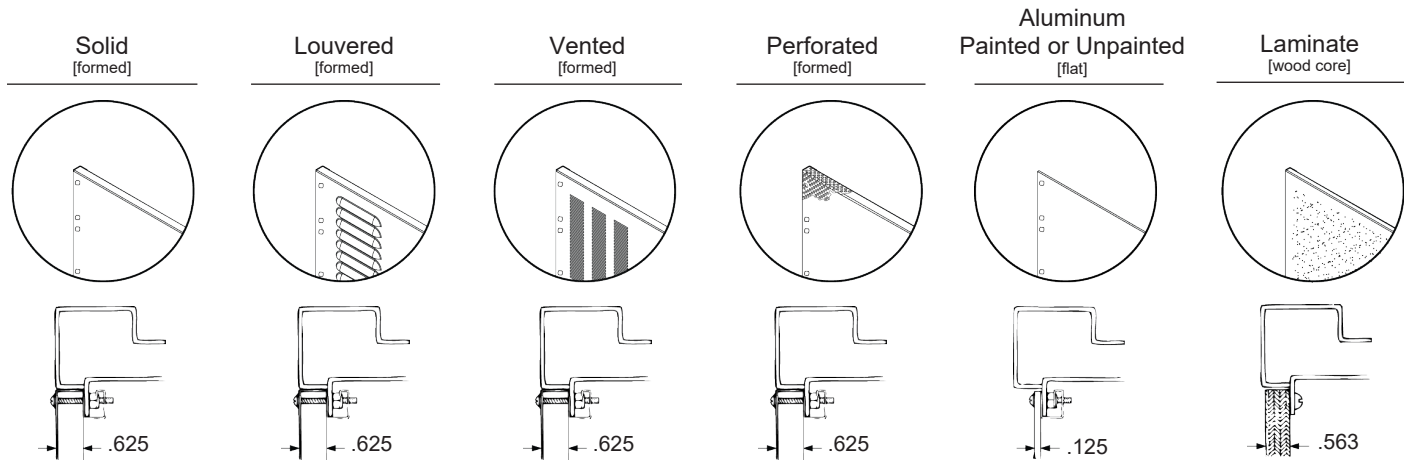
Air delivery based on operating at 60 HZ, single phase power.



Filler Panels

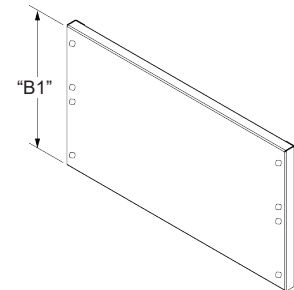
Filler Panels

Available in 6 different styles, filler panels are designed to close off all, or portions of, the front or rear openings of the frame.



Part Numbers

Solid	Louvered	Vented	Perforated	Aluminum**	Laminate	"B1" # of Rack Units Used	
XPN-0119				XPN-0119-A	XPN-0119-F	1.750	1U
XPN-0319			XPN-0319-PA	XPN-0319-A	XPN-0319-F	3.500	2U
XPN-0519	XPN-0519-LV	XPN-0519-V	XPN-0519-PA	XPN-0519-A	XPN-0519-F	5.250	3U
XPN-0719	XPN-0719-LV	XPN-0719-V	XPN-0719-PA	XPN-0719-A	XPN-0719-F	7.000	4U
XPN-0819	XPN-0819-LV	XPN-0819-V	XPN-0819-PA	XPN-0819-A	XPN-0819-F	8.750	5U
XPN-1019	XPN-1019-LV	XPN-1019-V	XPN-1019-PA	XPN-1019-A	XPN-1019-F	10.500	6U
XPN-1219	XPN-1219-LV	XPN-1219-V	XPN-1219-PA	XPN-1219-A	XPN-1219-F	12.250	7U
XPN-1419	XPN-1419-LV	XPN-1419-V	XPN-1419-PA	XPN-1419-A	XPN-1419-F	14.000	8U
XPN-1519	XPN-1519-LV	XPN-1519-V	XPN-1519-PA	XPN-1519-A	XPN-1519-F	15.750	9U
XPN-1719	XPN-1719-LV	XPN-1719-V	XPN-1719-PA	XPN-1719-A	XPN-1719-F	17.500	10U
XPN-1919	XPN-1919-LV	XPN-1919-V	XPN-1919-PA	XPN-1919-A	XPN-1919-F	19.250	11U
XPN-2119	XPN-2119-LV	XPN-2119-V	XPN-2119-PA	XPN-2119-A	XPN-2119-F	21.000	12U
XPN-2219	XPN-2219-LV	XPN-2219-V	XPN-2219-PA	XPN-2219-A	XPN-2219-F	22.750	13U
XPN-2419	XPN-2419-LV	XPN-2419-V	XPN-2419-PA	XPN-2419-A	XPN-2419-F	24.500	14U



For 24" EIA width, change "19" to "24" in part number. Example: XPN-2119-LV becomes XPN-2124-LV.

**Add "U" to the end of the part number for the un-painted version. Example: XPN-2219-A becomes XPN-2219-AU.

Vent Grille

Aluminum vent grilles provide an effective means to fulfill your venting requirements.

Part Numbers

19" EIA Width			
	"B1" # of Rack Units Used	% Opening	
AVGX-XXX-000319	3.500 2U	45.0	
AVGX-XXX-000519	5.250 3U	50.0	
AVGX-XXX-000719	7.000 4U	52.5	
AVGX-XXX-000819	8.750 5U	54.0	

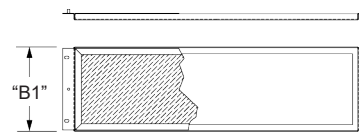


Filter Retainer Assembly

These assemblies mount directly behind aluminum vent grilles, providing protection of airborne particles. Filters are washable and permanent.

Part Numbers

19" EIA Width			
	"B1" # of Rack Units Used	% Opening	
ARFA-XXX-000319	3.500 2U	47.2	
ARFA-XXX-000519	5.250 3U	52.5	
ARFA-XXX-000719	7.000 4U	55.1	
ARFA-XXX-000819	8.750 5U	56.6	

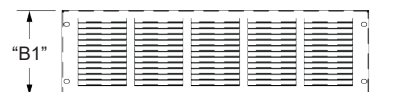


Vent Panel

Steel vent panels provide an effective means to fulfill your venting requirements.

Part Numbers

19" EIA Width			
	"B1" # of Rack Units Used	% Opening	
XPN-0319-VP	3.500 2U	33.8	
XPN-0519-VP	5.250 3U	45.1	
XPN-0719-VP	7.000 4U	47.9	
XPN-0819-VP	8.750 5U	49.6	



24" EIA Width			
	"B1" # of Rack Units Used	% Opening	
XPN-0324-VP	3.500 2U	32.1	
XPN-0524-VP	5.250 3U	42.9	
XPN-0724-VP	7.000 4U	45.5	
XPN-0824-VP	8.750 5U	41.1	

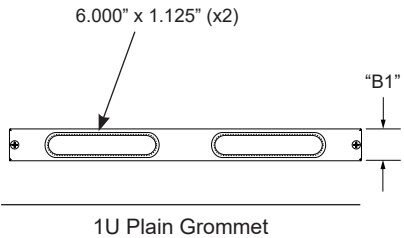
Cable Pass Through Panels

Cable Pass Through Panels

Cable pass through panels can be mounted in the front, rear or top opening of a frame allowing cables to enter and exit the cabinet in an organized fashion.

Part Numbers

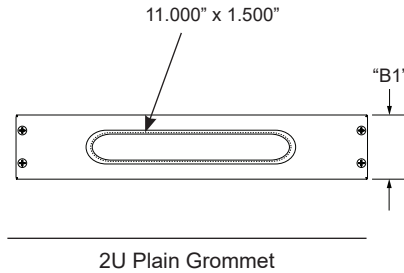
19" EIA Width	"B1"	
Plain Grommet	# of Rack Units Used	
XPN-0119-CAP	1.750	1U



24" EIA Width	"B1"	
Plain Grommet	# of Rack Units Used	
XPN-0124-CAP	1.750	1U

Part Numbers

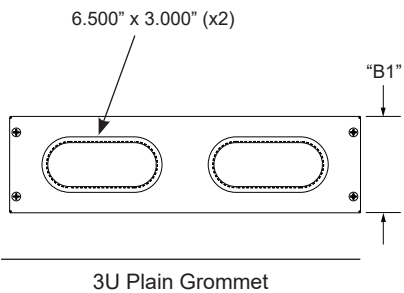
19" EIA Width	"B1"	
Plain Grommet	# of Rack Units Used	
XPN-0319-CAP	3.500	2U



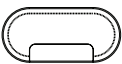
24" EIA Width	"B1"	
Plain Grommet	# of Rack Units Used	
XPN-0324-CAP	3.500	2U

Part Numbers

19" EIA Width	"B1"	
Plain Grommet	# of Rack Units Used	
XPN-0519-CAP	5.250	3U



Grommet cap (6.5" x 3.0") available for use with the 3U cable pass through panels. Sold as each.



Part Number
XPN-05-CAP-GC

24" EIA Width	"B1"	
Plain Grommet	# of Rack Units Used	
XPN-0524-CAP	5.250	3U

Additional plain grommet material is available.
Sold by the foot.

Part Number

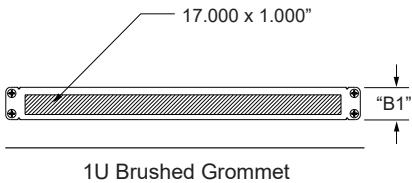
GMT-0012

Cable Pass Through Panels

Cable pass through panels can be mounted in the front, rear or top opening of a frame allowing cables to enter and exit the cabinet in an organized fashion.

Part Numbers

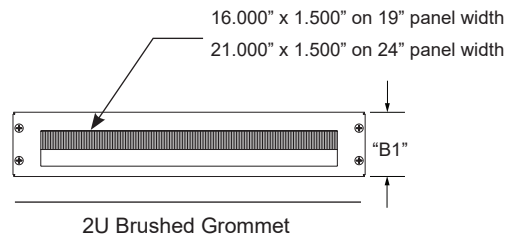
19" EIA Width		
Brushed Grommet	"B1"	# of Rack Units Used
CMH-1UBGR	1.750	1U



Part Numbers

19" EIA Width		
Brushed Grommet	"B1"	# of Rack Units Used
XPN-0319-BGP	3.500	2U

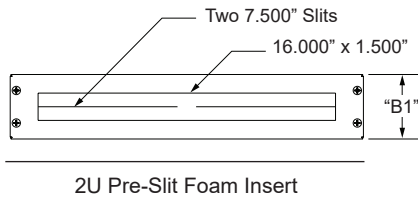
24" EIA Width		
Brushed Grommet	"B1"	# of Rack Units Used
XPN-0324-BGP	3.500	2U



Part Numbers

19" EIA Width		
Foam	"B1"	# of Rack Units Used
XPN-0319-FGP	3.500	2U

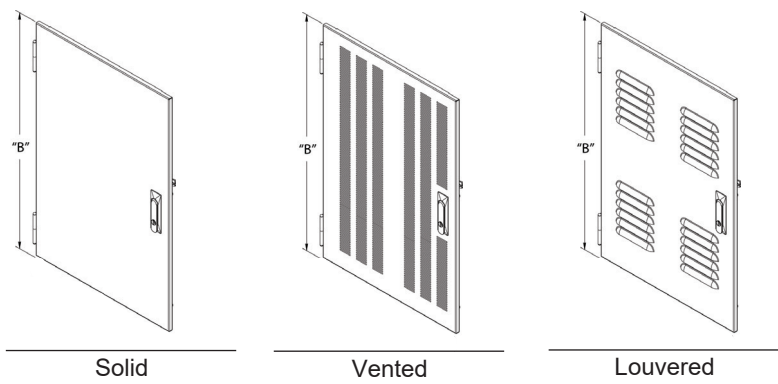
24" EIA Width		
Foam	"B1"	# of Rack Units Used
XPN-0324-FGP	3.500	2U



Flush Mount Doors for Frames

Doors for the rear opening of the Frame

Flush mount doors fit into the vertical panel opening of the frame. The doors utilize the mounting rails for an attachment point. Lift-off hinges, in a stylish black finish, allow for quick removal. The low-profile single point lockable handle provides the security your system may need.



Part Numbers

19" EIA Width	24" EIA Width	
[1] Block Indicate: [S] = Solid [V] = Vented [L] = Louvered [2] Block Indicate: [R] = Right Hinge [L] = Left Hinge	[1] Block Indicate: [S] = Solid [V] = Vented [L] = Louvered [2] Block Indicate: [R] = Right Hinge [L] = Left Hinge	"B1" # of Rack Units Used

Fills the entire opening on the rear of the Frames.

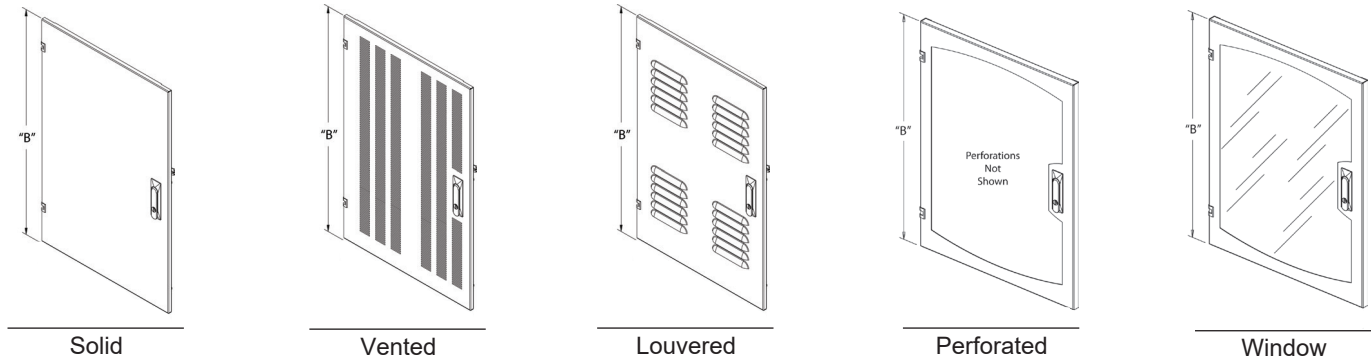
DF-H[1][2]-1719	DF-H[1][2]-1724	17.500	10U
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Additional heights available to fill portions of the rear opening on the Frames.

DF-H[1][2]-1219	DF-H[1][2]-1224	12.250	7U
DF-H[1][2]-1419	DF-H[1][2]-1424	14.000	8U
DF-H[1][2]-1519	DF-H[1][2]-1524	15.750	9U

Doors for the front opening of the Frame

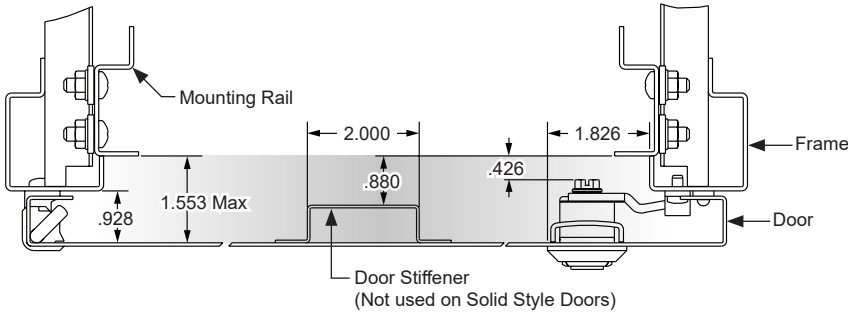
Available in five styles, these doors feature a low-profile lockable single point latch handle and stylized black hinges that allow for 120° of rotation. The doors cover the panel opening of the frame providing the space necessary to mount equipment and accessories behind the door panel. When mounted, these doors add 1.00" to the overall depth.



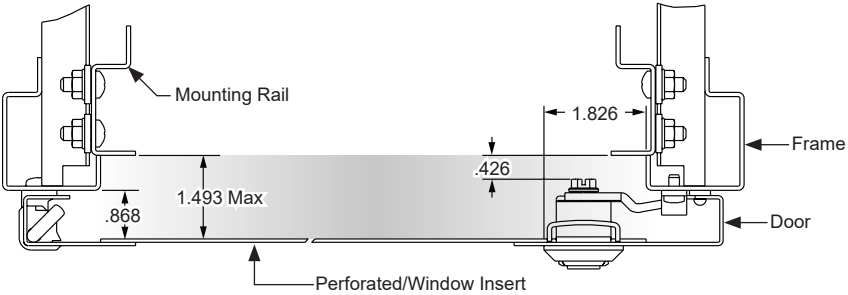
Part Numbers

19" EIA Width		24" EIA Width				
[1] Block Indicate: [S] = Solid [V] = Vented [L] = Louvered [P] = Perforated [W] = Window Note: P & W only available in 14U size. [2] Block Indicate: [R] = Right Hinge [L] = Left Hinge		[1] Block Indicate: [S] = Solid [V] = Vented [L] = Louvered [2] Block Indicate: [R] = Right Hinge [L] = Left Hinge		"B" Overall Height	Covers opening in frames w/ this usable height	
Covers the entire front opening on the Frames.						
DS-E[1][2]-2419		DS-E[1][2]-2424		26.969	24.500	14U

Solid, Vented, Louvered Section View



Perforated, Window Section View



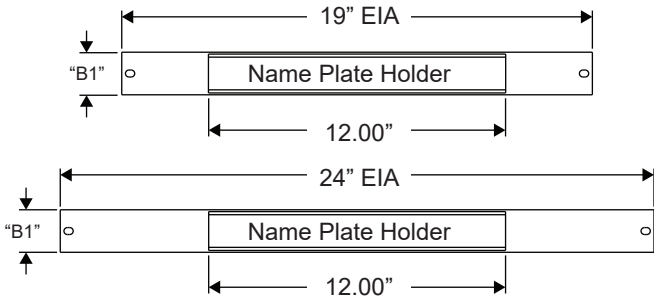
Name Plates

Name Plates

Name plates provide product or system identification. The name plate consists of an aluminum panel with a 12” length extrusion that can be labeled with a protective insert. Name plates mount to the mounting rail utilizing 1U of the available rack space in a frame. The name plate holder itself is 12” in length for both the 19” and 24” EIA Width versions.

Part Numbers

19" EIA Width	"B1" # of Rack Units Used	
APNA-0119-NP	1.750	1U
24" EIA Width	"B1" # of Rack Units Used	
APNA-0124-NP	1.750	1U











		Part Numbers	Description	Where Used
Mounting Panels, Electronics and Other Equipment		HW-092 (AHWX-092-003219)	#10-32 Clip Nut	Use when mounting 5/8" or 1/8" thick filler/closure panels or other rack-mountable equipment/electronics to thru hole mounting rails. Use with HW-103, HW-104, HW-303 or HW-304 panel screws.
		HW-104	#10-32 x .500" Panel Screw	Used when mounting 1/8" thick filler/closure panels or other rack-mountable equipment/electronics to tapped mounting rails or in conjunction with clip nut HW-092 on thru-hole rails. Comes with polyethylene washer.
		HW-304	#10-32 x .500" Panel Screw - Black	Used when mounting 1/8" thick filler/closure panels or other rack-mountable equipment/electronics to tapped mounting rails or in conjunction with clip nut HW-092 on thru-hole rails. Comes with polyethylene washer.
		HW-103	#10-32 x 1.125" Panel Screw	Used for mounting 5/8" formed filler/closure panels or other rack-mountable equipment/electronics to tapped mounting rails or in conjunction with clip nut HW-092 on thru-hole rails. Comes with polyethylene washer.
		HW-303	#10-32 x 1.125" Panel Screw - Black	Used for mounting 5/8" formed filler/closure panels or other rack-mountable equipment/electronics to tapped mounting rails or in conjunction with clip nut HW-092 on thru-hole rails. Comes with polyethylene washer.
		HW-110	#10 self-tapping screw "A" threads.	Used for mounting laminated filler/closure panels.
Joining Frames		HW-1032	#10-32 Panel Stand-off	Used for mounting 1/8" thick filler/closure panels to bring them flush with front of frame. Use with HW-154 keps nut and HW-104 or HW-304 panel screws.
		HW-161	5/16-18 x 3/4" Hex Head Screw	Used for joining vertical and dual-bay frames together side by side. Use with HW-162 flat washer and HW-163 keps nut.
		HW-162	5/16 Flat Washer	Used for joining vertical and dual frames together side by side. Use with HW-161 hex head screw and HW-163 keps nut.
		HW-163	5/16-18 Keps Nut	Used for joining vertical and slope front frames together side by side. Use with HW-161 hex head screw and HW-162 flat washer.
		HW-154	#10-32 Keps Nut	Used for mounting 1/8" thick filler/closure panels to bring them flush with front of frame. Use with HW-1032 panel stand-off and HW-104 or HW-304 panel screws.

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Rack Units (U) / Inches Conversion Table

Rack Units	Inches
48 U	84.00"
46 U	80.50"
45 U	78.75"
44 U	77.00"
43 U	75.25"
42 U	73.50"
41 U	71.75"
40 U	70.00"
39 U	68.25"
38 U	66.50"
37 U	64.75"
36 U	63.00"
35 U	61.25"
34 U	59.50"
33 U	57.75"
32 U	56.00"
31 U	54.25"
30 U	52.50"
29 U	50.75"
28 U	49.00"
27 U	47.25"
26 U	45.50"
25 U	43.75"
24 U	42.00"
23 U	40.25"
22 U	38.50"
21 U	36.75"
20 U	35.00"
19 U	33.25"
18 U	31.50"
17 U	29.75"
16 U	28.00"
15 U	26.25"
14 U	24.50"
13 U	22.75"
12 U	21.00"
11 U	19.25"
10 U	17.50"
9 U	15.75"
8 U	14.00"
7 U	12.25"
6 U	10.50"
5 U	8.75"
4 U	7.00"
3 U	5.25"
2 U	3.50"
1 U	1.75"

Emcor Product Portfolio

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This standard product lineup includes a range of modular security consoles and workstations that can be configured to meet the space constraints of any room.



FP1



FP2



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Custom Solutions

For those needs that fall outside of Emcor's standard products, we can build completely custom solutions to meet the needs of any customer.



Outdoor Enclosures



Cages



Air Conditioned