BLACK BOX®
NETWORK SERVICES

Elite™ Cabinet & Rack Enclosures

Custom enclosures without the custom price

» Fully customizable for your specific applications

» Numerous cooling options

» Extensive cable management

» Two-day custom turnaround

» Lifetime guarantee

724-746-5500 | blackbox.com/go/Elite

Get exactly what you need and want.

EC45U3042SMDS6YK

Robust cabinets for any application

More features.

The Elite Cabinet family from Black Box delivers more features and options than any other Black Box cabinet—more door and panel choices, more cable management, features like high-flow mesh on all mesh doors, and dual universal PDU mounting brackets.

Plus Elite Cabinets feature heavy-duty, welded steel construction and come with the protection of a lifetime Black Box® Double Diamond™ warranty. The cabinets arrive fully assembled and ready to populate.

More choices.

Elite Cabinets are specifically designed to be adaptable to your exact needs. Whether you need a high-airflow cabinet for your data center or a small, secure cabinet for an office, the Elite Cabinet family has exactly the cabinet for you.

Select a pre-configured cabinet or have one customized to your specifications and shipped in only two business days. Choose from a wide range of sizes to suit all your data and server cabinet needs. Our Tech Support experts will help you specify the cabinet you need— FREE of charge.

More cable management.

Cable management is easy—extensive cable knockouts on the top and sides provide convenient cable entry. The cabinets feature multiple lacedown points throughout. For even more cable management, add our Horizontal and Vertical Lacing Bars or Front-to-Back Cable Managers (**page 13**).

More versatility.

Because Elite Cabinets come with a wide range of choices in frame sizes, rails, doors, and top and side panels, they adapt to nearly any application.

Choose your rails. Rails with M6 square holes are standard in server cabinets. They enable you to use vendor-supplied server rails that latch into the square holes to support servers, or to convert the square hole to a threaded M6, 10-32, or 12-24 hole by using cage nuts.

Use rails with 10-32 tapped holes for audio, datacomm, and telco equipment. Most shelves are also compatible with 10-32 rails.

Cabinet doors are available in solid, high-flow mesh, split high-flow mesh, smoked PLEXIGLAS®, or solid with fans. You also can choose a cabinet with no doors. Side panels can be solid or vented, or you can leave them off. All Elite Cabinets have our high-flow mesh, which improves airflow approximately 10% over typical cabinets.

Cabinet tops are customizable, too—choose a top panel with or without fans, or use the top opening to rackmount up to 12U of shallow components such as patch panels or power strips. For more information, call our FREE Tech Support.
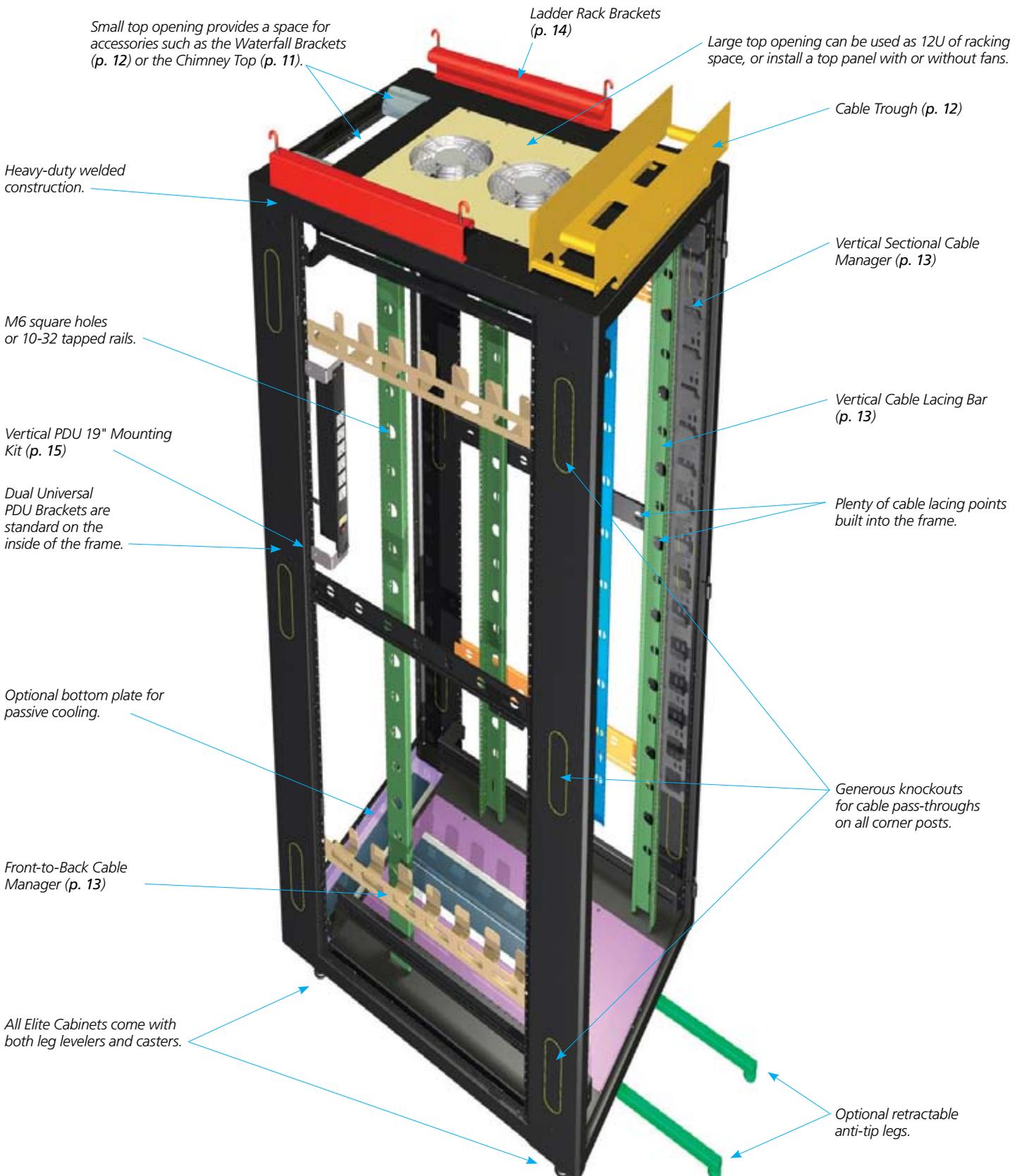
For data center installations, Elite Cabinets are Ladder Rack ready with the addition of the optional Ladder Rack Bracket (**page 14**).

- ✦✦ **WARRANTY** — Lifetime

▶ Protect your IT investments

Environmental monitoring is a cost-effective, proactive way to protect your investments from climate, overheating, theft, etc. Find out more about AlertWerks™ at **blackbox.com/go/AlertWerks** or get FREE, live help in less than 30 seconds at **724-746-5500**.

More features and options than any other Black Box cabinet.

Small top opening provides a space for accessories such as the Waterfall Brackets (*p. 12*) or the Chimney Top (*p. 11*).

Ladder Rack Brackets (*p. 14*)

Large top opening can be used as 12U of racking space, or install a top panel with or without fans.

Cable Trough (*p. 12*)

Heavy-duty welded construction.

Vertical Sectional Cable Manager (*p. 13*)

M6 square holes or 10-32 tapped rails.

Vertical Cable Lacing Bar (*p. 13*)

Vertical PDU 19" Mounting Kit (*p. 15*)

Dual Universal PDU Brackets are standard on the inside of the frame.

Plenty of cable lacing points built into the frame.

Optional bottom plate for passive cooling.

Generous knockouts for cable pass-throughs on all corner posts.

Front-to-Back Cable Manager (*p. 13*)

All Elite Cabinets come with both leg levelers and casters.

Optional retractable anti-tip legs.

Most common cabinet configurations are ready to ship today.

These popular Elite Cabinet configurations are in stock and ready to ship now. Don't see what you need here? Just turn the page for details on customizing your cabinet to your exact specifications.

EC45U2436SMDSSNK: left: front view; right: rear view

EC45U2436SPDS3NK: left: front view; right: rear view

Item	Code
Elite™ Cabinets	
84"H (45U) x 24"W x 36"D	
Mesh Front and Rear Doors, Solid Side Panels, Keyed Lock	
M6 Rails	
Mesh Top Panel	EC45U2436SMMSMNK
3-Fan Top Panel	EC45U2436SMMS3NK
6-Fan Top Panel	EC45U2436SMMS6NK
10-32 Tapped Rails	
Mesh Top Panel	EC45U2436TMMSMNK
3-Fan Top Panel	EC45U2436TMMS3NK
6-Fan Top Panel	EC45U2436TMMS6NK
Mesh Front Doors, Split Mesh Rear Door, Solid Side Panels, Keyed Lock	
M6 Rails	
Mesh Top Panel	EC45U2436SMDSMNK
3-Fan Top Panel	EC45U2436SMDS3NK
6-Fan Top Panel	EC45U2436SMDS6NK
10-32 Tapped Rails	
Mesh Top Panel	EC45U2436TMDSMNK
3-Fan Top Panel	EC45U2436TMDS3NK
6-Fan Top Panel	EC45U2436TMDS6NK

Item	Code
Elite Cabinets (Continued)	
84"H (45U) x 24"W x 36"D (Continued)	
PLEXIGLAS® Front Door, Mesh Rear Door, Solid Side Panels, Keyed Lock	
M6 Rails	
Mesh Top Panel	EC45U2436SPMSMNK
3-Fan Top Panel	EC45U2436SPMS3NK
6-Fan Top Panel	EC45U2436SPMS6NK
10-32 Tapped Rails	
Mesh Top Panel	EC45U2436TPMSMNK
3-Fan Top Panel	EC45U2436TPMS3NK
6-Fan Top Panel	EC45U2436TPMS6NK
PLEXIGLAS® Front Door, Split Mesh Rear Door, Solid Side Panels, Keyed Lock	
M6 Rails	
Mesh Top Panel	EC45U2436SPDSMNK
3-Fan Top Panel	EC45U2436SPDS3NK
6-Fan Top Panel	EC45U2436SPDS6NK
10-32 Tapped Rails	
Mesh Top Panel	EC45U2436TPDSMNK
3-Fan Top Panel	EC45U2436TPDS3NK
6-Fan Top Panel	EC45U2436TPDS3NK
No Doors or Sides, Mesh Top Panel	
M6 Rails	EC45U2436SNNNMNN
84"H (45U) x 24"W x 42"D	
Mesh Front and Rear Doors, Solid Side Panels, Keyed Lock	
M6 Rails, Mesh Top Panel, Anti-Tip Legs	
	EC45U2442SMMSMYK
Mesh Front Door, Split Mesh Rear Door, Solid Side Panels, Keyed Lock	
M6 Rails, Mesh Top Panel, Anti-Tip Legs	
	EC45U2442SMDSMYK

Item	Code
Elite™ Cabinets (Continued)	
84"H (45U) x 30"W x 32"D	
PLEXIGLAS® Front Door, Mesh Rear Door, Solid Side Panels, Keyed Lock	
M6 Rails	
3-Fan Top Panel	EC45U3032SPMS3NK
10-32 Tapped Rails	
Mesh Top Panel	EC45U3032TPMSMNK
3-Fan Top Panel	EC45U3032TPMS3NK
6-Fan Top Panel	EC45U3032TPMS6NK
PLEXIGLAS Front Door, Split Mesh Rear Door, Solid Side Panels, Keyed Lock	
M6 Rails	
3-Fan Top Panel	EC45U3032SPDS3NK
10-32 Tapped Rails	
Mesh Top Panel	EC45U3032TPDSMNK
3-Fan Top Panel	EC45U3032TPDS3NK
6-Fan Top Panel	EC45U3032TPDS6NK
84"H (45U) x 30"W x 36"D	
PLEXIGLAS Front Door, Mesh Rear Door, Solid Side Panels, Keyed Lock	
M6 Rails	
3-Fan Top Panel	EC45U3036SPMS3NK
10-32 Tapped Rails	
Mesh Top Panel	EC45U3036TPMSMNK
Solid Top Panel	EC45U3036TPMSSNK
3-Fan Top Panel	EC45U3036TPMS3NK
6-Fan Top Panel	EC45U3036TPMS6NK
PLEXIGLAS Front Door, Split Mesh Rear Door, Solid Side Panels, Keyed Lock	
M6 Rails	
3-Fan Top Panel	EC45U3036SPDS3NK
10-32 Tapped Rails	
Mesh Top Panel	EC45U3036TPDSMNK
Solid Top Panel	EC45U3036TPDSSNK
3-Fan Top Panel	EC45U3036TPDS3NK
6-Fan Top Panel	EC45U3036TPDS6NK
84"H (45U) x 30"W x 42"D	
Mesh Front and Rear Doors, Solid Side Panels, Keyed Lock	
M6 Rails, Mesh Top Panel, Anti-Tip Legs	
	EC45U3042SMMSMYK
Mesh Front Door, Split Mesh Rear Door, Solid Side Panels, Keyed Lock	
M6 Rails, Mesh Top Panel, Anti-Tip Legs	
	EC45U3042SMDSMYK
79"H (42U) x 30"W x 42"D	
Mesh Front and Rear Doors, Solid Side Panels, Keyed Lock	
M6 Rails	
Mesh Top Panel	EC42U3042SMMSMNK
PLEXIGLAS Front Door, Mesh Rear Door, Solid Side Panels, Keyed Lock	
10-32 Tapped Rails	
Mesh Top Panel	EC42U3042TPMSMNK
6-Fan Top Panel	EC42U3042TPMS6NK
Mesh Front Door, Split Mesh Rear Door, Solid Side Panels, Keyed Lock	
M6 Rails	
Mesh Top Panel	EC42U3042SMDSMNK
PLEXIGLAS Front Door, Split Mesh Rear Door, Solid Side Panels, Keyed Lock	
10-32 Tapped Rails	
Mesh Top Panel	EC42U3042TPDSMNK
6-Fan Top Panel	EC42U3042TPDS6NK
79"H (42U) x 24"W x 42"D	
Mesh Front and Rear Doors, Solid Side Panels, Keyed Lock	
M6 Rails	
Mesh Top Panel	EC42U2442SMMSMNK
Mesh Front Door, Split Mesh Rear Door, Solid Side Panels, Keyed Lock	
M6 Rails	
Mesh Top Panel	EC42U2442SMDSMNK

Item	Code
Elite Cabinets (Continued)	
72"H (38U) x 30"W x 32"D	
PLEXIGLAS Front Door, Mesh Rear Door, Solid Side Panels, Keyed Lock	
M6 Rails	
3-Fan Top Panel	EC38U3032SPMS3NK
10-32 Tapped Rails	
Mesh Top Panel	EC38U3032TPMSMNK
Single-Fan Top Panel	EC38U3032TPMS1NK
3-Fan Top Panel	EC38U3032TPMS3NK
6-Fan Top Panel	EC38U3032TPMS6NK
PLEXIGLAS Front Door, Split Mesh Rear Door, Solid Side Panels, Keyed Lock	
M6 Rails	
3-Fan Top Panel	EC38U3032SPDS3NK
10-32 Tapped Rails	
Mesh Top Panel	EC38U3032TPDSMNK
Single-Fan Top Panel	EC38U3032TPDS1NK
3-Fan Top Panel	EC38U3032TPDS3NK
6-Fan Top Panel	EC38U3032TPDS6NK
48"H (24U) x 24"W x 42"D, M6 Rails	
Mesh Front and Rear Doors, Solid Side Panels, Mesh Top Panel, Keyed Lock	
	EC24U2442SMMSMNK
Mesh Front Door, Split Mesh Rear Door, Solid Side Panels,	
Mesh Top Panel, Keyed Lock	EC24U2442SMDSMNK
PLEXIGLAS Front Door, Mesh Rear Door, Solid Side Panels	
Mesh Top Panel, Keyed Lock	EC24U2442SPMSMNK
PLEXIGLAS Front Door, Split Mesh Rear Door, Solid Side Panels	
Mesh Top Panel, Keyed Lock	EC24U2442SPDSMNK
No Doors or Sides, Mesh Top Panel	EC24U2442SNNNMNN
48"H (24U) x 30"W x 32"D, 10-32 Tapped Rails	
PLEXIGLAS Front Door, Mesh Rear Door, Solid Side Panels, Keyed Lock	
Mesh Top Panel	EC24U3032TPMSMNK
Solid Top Panel	EC24U3032TPMSSNK
Single-Fan Top Panel	EC24U3032TPMS1NK
3-Fan Top Panel	EC24U3032TPMS3NK
6-Fan Top Panel	EC24U3032TPMS6NK
PLEXIGLAS Front Door, Split Mesh Rear Door, Solid Side Panels, Keyed Lock	
Mesh Top Panel	EC24U3032TPDSMNK
Solid Top Panel	EC24U3032TPDSSNK
Single-Fan Top Panel	EC24U3032TPDS1NK
3-Fan Top Panel	EC24U3032TPDS3NK
6-Fan Top Panel	EC24U3032TPDS6NK

Don't see what you need here?
To configure your own Elite Cabinet, see pp. 6–7. »

Don't see exactly what you want? We'll build it for you in two days or less.

If one of our pre-configured cabinets doesn't work for you, it's easy to build your own Elite™ Cabinet to your specifications. Just use the codes (**right**) to fill in the line on the **bottom of the facing page**, matching colors as you go. When you're done, just call us at **724-746-5500** with the number, and we'll have your custom-built cabinets on your doorstep in a flash.

The example **below** is a 79"H (42U) x 30"W x 42"D cabinet with M6 rails, a mesh front door, a split mesh rear door, solid side panels, a mesh top, anti-tip legs, and keyed locks. Need help? Call our fast, FREE Tech Support at **724-746-5500**.

Example:

E	C	4	2	U	3	0	4	2	S	M	D	S	M	Y	K

Step 1:
Choose your enclosure.

48"H (24U) x 24"W x 42"D

E	C	2	4	U	2	4	4	2

48"H (24U) x 30"W x 32"D

E	C	2	4	U	3	0	3	2

72"H (38U) x 24"W x 32"D

E	C	3	8	U	2	4	3	2

72"H (38U) x 24"W x 32"D

E	C	3	8	U	2	4	3	6

72"H (38U) x 30"W x 32"D

E	C	3	8	U	3	0	3	2

72"H (38U) x 30"W x 36"D

E	C	3	8	U	3	0	3	6

79"H (42U) x 24"W x 42"D

E	C	4	2	U	2	4	4	2

79"H (42U) x 30"W x 42"D

E	C	4	2	U	3	0	4	2

84"H (45U) x 24"W x 36"D

E	C	4	5	U	2	4	3	6

84"H (45U) x 24"W x 42"D

E	C	4	5	U	2	4	4	2

84"H (45U) x 30"W x 32"D

E	C	4	5	U	3	0	3	2

84"H (45U) x 30"W x 36"D

E	C	4	5	U	3	0	3	6

84"H (45U) x 30"W x 42"D

E	C	4	5	U	3	0	4	2

84"H (45U) x 30"W x 48"D

E	C	4	5	U	3	0	4	8

Step 2:
Choose your rail type.

Step 3:
Choose your front doors.

Step 4:
Choose your rear doors.

Step 5:
Choose your side panels.

Step 6:
Choose your cabinet top.

Step 7:
Decide on anti-tip legs.

Step 8:
Choose your lock*

Step 2	Step 3		Step 4		Step 5		Step 6		Step 7		Step 8	
S M6 rails with square holes	**N** None	**S** Solid	**N** None	**S** Solid	**N** None	**S** Solid	**N** None	**S** Solid	**Y** Yes	**N** No	**N** None	**K** Keyed
T 10-32 tapped rails	**M** Mesh	**D** Split Mesh	**M** Mesh	**D** Split Mesh	**M** Mesh (Vented)		**M** Mesh				**C** Combination	
	P Plexi	**F** Split Fan Door	**P** Plexi	**F** Split Fan Door			**1** 1-Fan Unit (10" Fan, 550-cfm)	**2** 2-Fan Unit (10" Fans, 1100-cfm)			**B** Biometric†	
							3 3-Fan Unit (4" Fans, 225-cfm)	**6** 6-Fan Unit (4" Fans, 450-cfm)			**H** Hybrid†	

Fill in the blocks below to get your ideal cabinet's SKU. For help configuring your cabinet, call our FREE Tech Support at 724-746-5500.

* Doors have either a keyed, combination, biometric, or hybrid lock. Choose "None" when there is no door.
† Biometric locks are not compatible with split doors. The Biometric option includes a biometric lock on one door and a keyed lock on the other; the Hybrid option includes a biometric lock on one door and an electronic lock on the other. For more information on Intelli-Pass™ Biometric Access Control for Cabinets, see page 8.

The cabinet lock that's highly secure, yet opens at the touch of a fingertip.

- Eliminates keys that can be lost, stolen, or duplicated; no need to remember combinations.
- The lock opens only when an authorized user touches the fingerprint scanner—one fingertip provides cabinet access.
- LEDs on front of the handle monitor status.
- Manageable across your network as part of the Intelli-Pass biometric access control system. For more information, see **blackbox.com/go/Intelli-Pass**.
- Continues to operate normally even if your network fails—network communication isn't required for fingerprint verification.
- Controller unit and optional backup battery are housed in a compact 1U rackmount chassis.
- ✦✦ **WARRANTY** — 1 Year

The Intelli-Pass™ Biometric Access Control for Cabinets provides the perfect blend of security and simplicity—the touch of one fingertip gives authorized users access. One control unit unlocks the front door and—with the purchase of an additional electric-lock door handle—the rear door.

Secure two-part architecture
The Intelli-Pass cabinet lock features the same unique two-part architecture as the rest of the Intell-Pass family (for details, visit **blackbox.com/go/Intelli-Pass**). A reader unit mounts outside the cabinet on the locking handle, and a controller unit is rackmounted inside the cabinet. Because the reader and controller units are separate, no connections in the reader unit are exposed to the outside. The controller is secure inside the cabinet, and a hacker can't cut wires or spoof the signals to open the door.

Secure locking
The Intelli-Pass system in each cabinet operates independently, so if the network fails, your cabinet locks will not.

If you're using Intelli-Pass in a cabinet without a UPS for backup power, order model SAC550CAB with battery backup. This optional battery backup ensures that Intelli-Pass works even if power fails.

Integrates seamlessly into your Intelli-Pass system
Intelli-Pass Biometric Access Control for Cabinets works as part of a complete Intelli-Pass solution. Intelli-Pass Management and Enrollment Software audits when someone accesses the cabinet using their biometric fingerprint. The software monitors real-time status information, provides an access trail, and enables you to handle all the enrollment and management of the secure cabinets from a single desktop.

Alarming
Intelli-Pass can work with your building's alarm system to automatically open cabinets when the alarm goes off, allowing emergency access to critical equipment. The door handle is also equipped with a keyed lock for emergency access. Plus you can connect the controller to door sensors, enabling the system to alert you if a door is opened.

Order with your cabinet or install it later
If you wish to install the Intelli-Pass Biometric Access Control on an existing Elite Cabinet, order the system **at right**, or you can specify it when you order an Elite Cabinet. It also fits many other standard server cabinets. For more information, call our FREE Tech Support at **724-746-5500**.

SAC550CABL

TECH SPECS

Environmental — Operating Temperature: 32 to 158° F (0 to 70° C)

Connectors — Chassis:
(1) RJ-45 network,
(1) RJ-45 front door,
(1) RJ-45 rear door,
(1) 6-position terminal block,
(1) 12-position terminal block

Power — Internal power supply: 100–240-VAC, 50/60 Hz, 3.5 amps

Size — Chassis: 1.75"(1U) H x 19"W x 8"D (4.4 x 48.3 x 20.2 cm); Door handle: Fits 1" x 5.9" (2.5 x 15 cm) opening

What's Included:
- Fingerprint sensor unit
- Door handle with integrated lock
- 1U rackmount chassis containing control unit and optional battery
- Power cord
- (2) patch cables
- (2) keys

Item	Code
Intelli-Pass Biometric Access Control for Cabinets	
with Battery Backup	SAC550CAB
without Battery Backup	SAC550CABNB
If you also need a lock for the rear door, order…	
Door Handle with Integrated Lock	SAC550CABL
To detect forced entry, order…	
Security Sensor	SAC550CABS

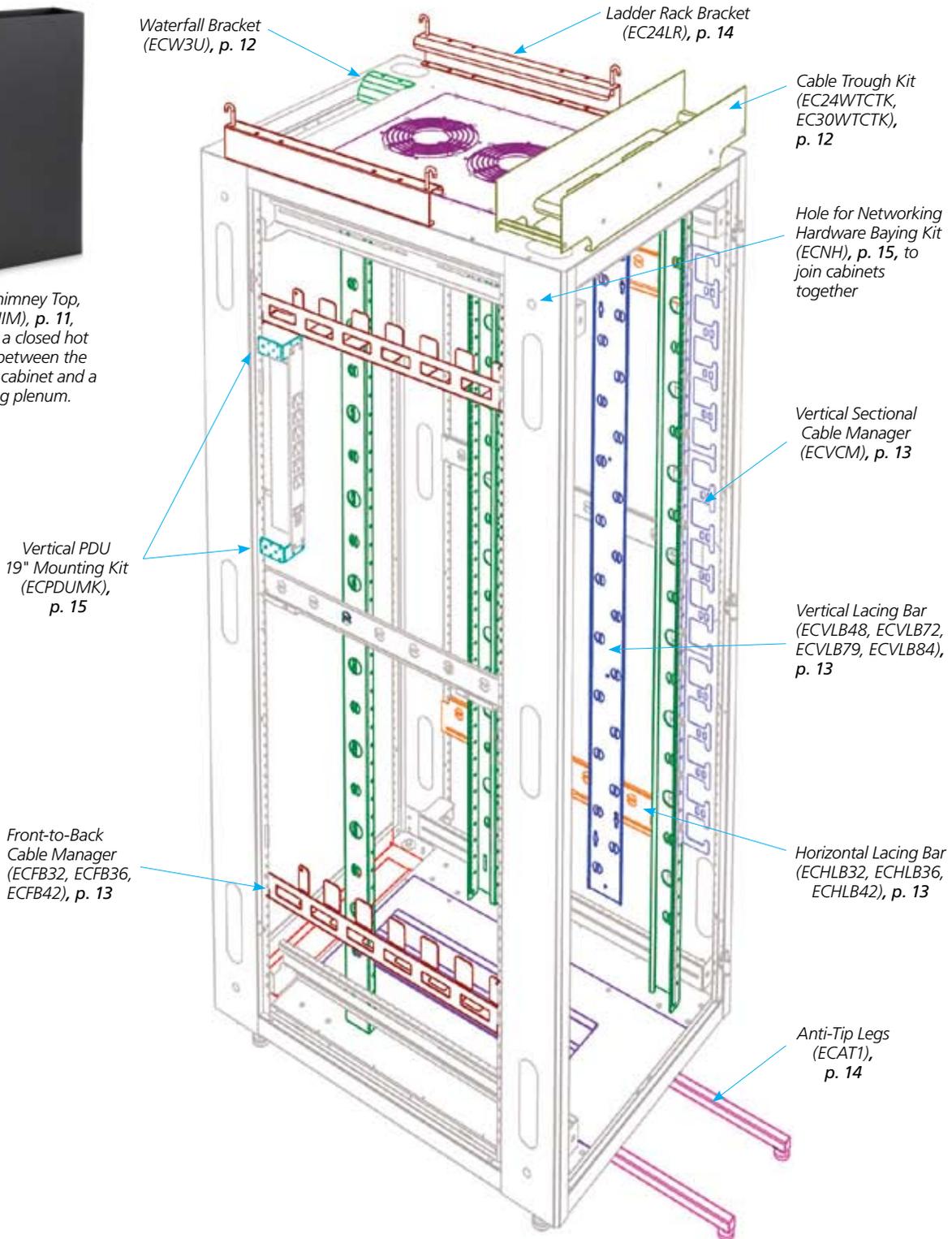# Accessorize!

Add accessories to add function.

After you select the right cabinet configuration, it's time to accessorize your cabinet with cable management, keyboard trays, and all the parts that make your Elite™ Cabinet perfect for your application.

Change your cabinet configuration.

If you already own an Elite Cabinet, it's easy to change top panels and other parts when your requirements change—parts such as top panels can be changed in a just few minutes with basic tools.

Order a Chimney Top, (ECTOPCHIM), p. 11, to provide a closed hot air return between the top of the cabinet and a drop ceiling plenum.

Waterfall Bracket (ECW3U), p. 12

Ladder Rack Bracket (EC24LR), p. 14

Cable Trough Kit (EC24WTCTK, EC30WTCTK), p. 12

Hole for Networking Hardware Baying Kit (ECNH), p. 15, to join cabinets together

Vertical Sectional Cable Manager (ECVCM), p. 13

Vertical PDU 19" Mounting Kit (ECPDUMK), p. 15

Vertical Lacing Bar (ECVLB48, ECVLB72, ECVLB79, ECVLB84), p. 13

Front-to-Back Cable Manager (ECFB32, ECFB36, ECFB42), p. 13

Horizontal Lacing Bar (ECHLB32, ECHLB36, ECHLB42), p. 13

Anti-Tip Legs (ECAT1), p. 14

Elite Cabinet Accessories

Coolness for your cabinets—everything you need to improve ventilation in your Elite Cabinet.

Top Fan Panels

ECTOPF   *ECTOP2F*   *ECTOPF10*   *ECTOP2F10*

- Fit the large 12U top opening on Elite™ Cabinets.
- Help cool cabinets by drawing air upward.
- Change top panels when your ventilation needs change.
- Deliver up to 1100 cfm of ventilation.
- ✦✦ **WARRANTY** — Lifetime

Item	Code
Top Fan Panels	
3-Fan 225-cfm	ECTOPF
6-Fan 450-cfm	ECTOP2F
Single 10" Fan 550-cfm	ECTOPF10
Dual 10" Fan 1100-cfm	ECTOP2F10

Split Fan Doors

- Keep the equipment in your Elite™ Cabinet cool.
- Doors can be mounted on the front or rear of the cabinet.
- For 220-VAC power environments.
- IEC-60320-C13 outlet; power cord is not included.
- ✦✦ **WARRANTY** — Lifetime

Item	Code
Split Fan Doors	
24U 48" x 24"	EC480324SF220
48" x 30"	EC480330SF220
38U 72" x 30"	EC720330SF220
42U 79" x 24"	EC790324SF220
79" x 30"	EC790330SF220
45U 84" x 24"	EC840324SF220
84" x 30"	EC840330SF220

EC720330SF220

Air Dams

- Mount on the front rails of Elite Cabinets.
- Keep cool air in the front of the cabinet where it can be used by equipment.
- ✦✦ **WARRANTY** — Lifetime

Item	Code
Air Dams	
for 24" Wide 42U & 45U Cabinets	
	ECAD24
for 30" Wide 42U & 45U Cabinets	
	ECAD30
for 24" Wide 24U & 38U Cabinets	
	ECAD24S
for 30" Wide 24U & 38U Cabinets	
	ECAD30S

Bottom Filter Kits

- Fit in the large bottom opening of Elite Cabinets.
- Permit air circulation while filtering out dust and other airborne debris.
- ✦✦ **WARRANTY** — Lifetime
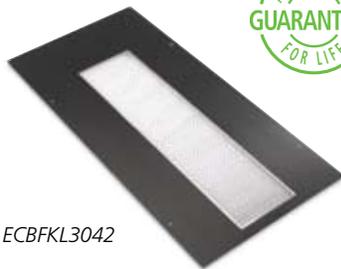
ECBFKL3042

Item	Code
Bottom Filter Kits	
for 24"W x 36"D Cabinets	ECBFKL2436
for 24"W x 42"D Cabinets	ECBFKL2442
for 30"W x 32"D Cabinets	ECBFKL3032
for 30"W x 36"D Cabinets	ECBFKL3036
for 30"W x 42"D and 48"D Cabinets	ECBFKL3042

Filler Panels

- Keep cool air from dissipating before it reaches the top of the rack.
- Matte black finish.
- Mount easily to a 19" cabinet or rack with four included 10-32 screws.
- ✦✦ **WARRANTY** — Lifetime

RoHS — Yes

RMTB04

Item	Code
Filler Panels, Black	
1U (1.75")	RMTB01
2U (3.50")	RMTB02
3U (5.25")	RMTB03
4U (7.00")	RMTB04
5U (8.75")	RMTB05
6U (10.50")	RMTB06

Chimney Top

- Provides a closed hot air return between the top of an Elite cabinet and a drop ceiling plenum.
- Includes a chimney for the Elite Cabinet small 3U top opening plus a solid panel to cover the large top opening.
- Chimney adjusts from 20" to 34".
- Add the Fan Tray to the Chimney Top to increase its efficiency.
- The Fan Tray has two fans providing 600-cfm of air movement.
- ✦✦ **WARRANTY** — Lifetime

Item	Code
Chimney Top	ECTOPCHIM
To improve airflow, add…	
Fan Tray for ECTOPCHIM (600-cfm)	ECTOPCHIMFT

Air Funnel Kits

- Cool cabinets by improving air circulation.
- Draw cool air from the bottom of the cabinet and deliver it right across the front of servers or other network components.
- Air distribution cools cabinet hot spots by 15° F, extending server life and minimizing downtime.
- Require only 2U of mounting space.
- Fit on standard 19" rails.
- ✦✦ **WARRANTY** — Lifetime

Item	Code
Air Funnel Kits	
for 24"W x 36"D	ECAIRFLOW36
for 24"W x 42"D and 30"W x 42"D	ECAIRFLOW42
Air Funnel Kits with Dual Fan Tray	
for 24"W x 36"D	ECAIRFLOW2436FT
for 24"W x 42"D	ECAIRFLOW2442FT
for 30"W x 42"D	ECAIRFLOW3042FT

Enclosure Blower

- Cools cabinets by improving air circulation.
- Draws cool air from the bottom of the cabinet and delivers it right across the front of servers or other network components.
- Air distribution cools cabinet hot spots by 15° F, extending server life and minimizing downtime.
- Requires only 2U of mounting space.
- Fits on standard 19" rails.
- Installs easily on bottom of any EIA-30 compliant cabinet.
- Designed for quiet, long-life operation.
- Keep circulating air free of dust. The optional Filter Assembly removes up to 80% of 2-micron particles from circulating air.
- ✦✦ **WARRANTY** — 1 Year

NOTE: Works with any EIA-30 compliant cabinet from any manufacturer.

Item	Code
Enclosure Blower	RM801
You may also need…	
Enclosure Blower Filter Assembly	RM802
Enclosure Blower Replacement Filters (12)	RM803

Cold Aisle Containment System

- Use this kit to shut off the aisle ends to contain cool air for cold aisle containment.
- Create more efficient cold or hot aisles by reducing air recirculation.
- Includes one pair of center-opening doors and all the parts you need for installation.
- ✦✦ **WARRANTY** — Lifetime

Item	Code
Cold Aisle Containment System	
42 U	EC42U48WCD
45 U	EC45U48WCD

A little organization makes cabinets more efficient.

Cable Trough Kits for Elite Cabinets

- Route cables across the top of an Elite Cabinet in multicabinet installations.
- Install anywhere along the top of the cabinet.
- Include (10) 10-32 mounting screws.
- ✦✦ **WARRANTY** — Lifetime

Cable Trough Kit, 24"W (EC24WTCTK)

Item	Code
Cable Trough Kits	
24" Wide	EC24WTCTK
30" Wide	EC30WTCTK

Brush Grommet Top Panel

- Top panel keeps your cable entry organized and clean.
- Fits top opening in Elite Cabinets.
- Includes grommet kit and mounting hardware.
- ✦✦ **WARRANTY** — Lifetime

Item	Code
Brush Grommet Top Panel	ECTOPB

Brush Grommet Kit for 3U Opening

- Fits the small 3U opening on the top of Elite Cabinets.
- Brushes enable you to run cable into the cabinet while keeping out dust and contaminants.
- Can be installed along with the Elite Cabinet Waterfall Brackets for 3U Top Opening (ECW3U), **above, right**.
- ✦✦ **WARRANTY** — Lifetime

Item	Code
Brush Grommet Kit for 3U Opening	ECBGK3U

Gland Plate

- Fits the top rear 3U opening on an Elite Cabinet or an Elite Wallmount Cabinet.
- Enables you to route cables into the cabinet while sealing off the opening to help prevent dust or to control ventilation.
- ✦✦ **WARRANTY** — Lifetime

Item	Code
Gland Plate	EC3UGP

Waterfall Brackets for 3U Top Opening

- Fit the small 3U opening on the top of Elite Cabinets.
- Enable you to maintain bend radius when routing cable into the top of the cabinet.
- ✦✦ **WARRANTY** — Lifetime

Item	Code
Waterfall Brackets for 3U Top Opening	ECW3U

Conduit Knockout Panel

- Fits the small 3U opening on the top of Elite™ Cabinets.
- Three knockout plates on 5" centers enable you to route 1", 2", or 3" conduit.
- Includes eight screws.
- ✦✦ **WARRANTY** — Lifetime

Item	Code
Conduit Knockout Panel	ECP3U

Light Kit

- Illuminates your Elite Cabinet to make your work easier.
- 18-watt fluorescent light.
- ✦✦ **WARRANTY** — Lifetime

Item	Code
Light Kit	ECLK

Bottom Brush Grommet Kits

- Run cable into the cabinet while limiting airflow and keeping out dust and contaminants.
- Bottom Brush Grommet Kits fit over the large bottom opening in your Elite cabinet and include a cover for the rear cable cutout.
- Bottom Rear Brush Grommet Kits fit the rear cable cutout.
- ✦✦ **WARRANTY** — Lifetime

ECBGKL2436

Item	Code
Bottom Brush Grommet Kits	
for 24"W x 36"D Cabinets	ECBGKL2436
for 24"W x 42"D Cabinets	ECBGKL2442
for 30"W x 32"D Cabinets	ECBGKL3032
for 30"W x 36"D Cabinets	ECBGKL3036
for 30"W x 42"D & 48"D Cabinets	ECBGKL3042
Bottom Rear Brush Grommet Kits	
for 24"W Cabinets	ECBBGKS24
for 30"W Cabinets	ECBBGKS30

Heavy-Duty Sliding Server Shelf

- Weight capacity of 125 pounds.
- Measures 17 ½" wide and 29" deep.
- Provides easy access to the back of your servers and other equipment.
- Mounts on 19" rails.
- ✦✦ **WARRANTY** — Lifetime

Item	Code
Heavy-Duty Sliding Server Shelf, 29"D	RMT411

Tool-less Telescoping Shelves

- Support up to 150 pounds.
- For use on standard 19-inch rails with square M6 holes.
- Easy installation— no tools required.
- Cable slots and pre-punched D-ring holes.
- Vented for air circulation.

RM047

RoHS — Yes

- ✦✦ **WARRANTY** — Lifetime

Item	Code
Tool-less Telescoping Shelves	
23.6"–35.4"D	RM047
35.4"–47.2"D	RM049

Fixed Vented Server Shelves

- The 22¼"-deep model has a 200-pound weight capacity.
- The 27¼"-deep and 30"-deep models have a 150-pound weight capacity.
- Measure 17½" wide.
- Mount in a four-point pattern on 19" rails.
- ✦✦ **WARRANTY** — Lifetime

RM399

Item	Code
Fixed Vented Server Shelves	
22¼"D, 200-lb. Capacity	RM399
27¼"D, 150-lb. Capacity	RM403
30"D, 150-lb. Capacity	RM410

Front-to-Back Cable Managers

ECFB32

- Manage cables horizontally from the front to the back of the cabinet.
- ✦✦ **WARRANTY** — Lifetime

Item	Code
Front-to-Back Cable Managers	
for 30"W x 32"D Cabinets	ECFB32
for 30"W x 36"D Cabinets	ECFB36
for 30"W x 42"D and 48"D Cabinets	ECFB42

Vertical Lacing Bars for Elite Cabinets

- Attach cables to this bar to keep your Elite cabinet organized and neat.
- Requires a Horizontal Lacing Bar (ECHLB22, ECHLB36, ECHLB42, **below**) for mounting.
- Order (2) for a 48"H cabinet, (3) for a 72"H or 79"H cabinet, or (4) for an 84"H cabinet.
- ✦✦ **WARRANTY** — Lifetime

Vertical Sectional Cable Manager

- Adds vertical cable management in 11U increments.
- ✦✦ **WARRANTY** — Lifetime

ECVCM

ECVLB72

Item	Code
Vertical Lacing Bars for Elite Cabinets	
for 48"H Cabinets	ECVLB48
for 72"H Cabinets	ECVLB72
for 79"H Cabinets	ECVLB79
for 84"H Cabinets	ECVLB84
Vertical Sectional Cable Manager	ECVCM

Vertical Jack Panels

- Hold connectors vertically outside the rails.
- Maximum-density design makes the most of your precious cabinet space.
- Support many media types, including jacks and adapters for copper UTP and STP, fiber, and S-Video.
- Connections look neat because the panel's industry-standard keystone openings enable flush fitting of jacks.
- Use with any keystone jacks; we recommend GigaBase2 CAT5e Jacks and GigaTrue2 CAT6 Jacks, see **blackbox.com**.
- Use with 30"W Elite Cabinets only.
- Mounting hardware included.
- ✦✦ **WARRANTY** — Lifetime

RoHS — Yes

ECJACKPANEL46

Item	Code
Vertical Jack Panels	
46"	ECJACKPANEL46
92"	ECJACKPANEL92

Horizontal Lacing Bars

ECHLB32

- Attach cables to this bar to keep your Elite Cabinet organized and neat.
- ✦✦ **WARRANTY** — Lifetime

Item	Code
Horizontal Lacing Bars	
for 30"W x 32"D Cabinets	ECHLB32
for 30"W x 36"D Cabinets	ECHLB36
for 30"W x 42"D and 48"D Cabinets	ECHLB42

Additions and replacement parts for your Elite Cabinet.

High-Flow Mesh Door

- Higher open area than standard mesh doors for optimal airflow to hot servers.
- EC790224MHF provides 840.2 square inches of open area; EC840224MHF provides 914.4 square inches of open area.
- ✦✦ **WARRANTY** — Lifetime

ABSOLUTELY GUARANTEED FOR LIFE

EC790224MHF

Item	Code
High-Flow Mesh Door	
for 42U x 24"W Cabinets	
EC790224MHF	
for 45U x 24"W Cabinets	
EC840224MHF	

Extra Sets of Rails

- Elite Cabinets come standard with two sets of rails (front and back). Add an extra set to mount shallow patch panels or PDUs behind equipment on the primary rails.
- Choose from M6 square holes or 10-32 tapped holes.
- 12-gauge rails are marked in 1U increments for easy equipment installation.
- Fully adjustable front to rear.
- ✦✦ **WARRANTY** — Lifetime

ABSOLUTELY GUARANTEED FOR LIFE

EC48M6

Item	Code
Extra Sets of Rails	
M6	
for 48"H Cabinets	EC48M6
for 72"H Cabinets	EC72M6
for 79"H Cabinets	EC79M6
for 84"H Cabinets	EC84M6
10-32	
for 48"H Cabinets	EC48T
for 72"H Cabinets	EC72T
for 79"H Cabinets	EC79T
for 84"H Cabinets	EC84T

Anti-Tip Legs

- Telescoping legs help prevent your Elite Cabinet from tipping over.
- Easy to install.
- Project 11" from base of cabinet.
- ✦✦ **WARRANTY** — Lifetime

ABSOLUTELY GUARANTEED FOR LIFE

Item	Code
Anti-Tip Legs	ECAT1

Ladder Rack Bracket

- Easily attach a ladder rack to an Elite™ Cabinet for cable management.
- Includes mounting hardware.
- ✦✦ **WARRANTY** — Lifetime

ABSOLUTELY GUARANTEED FOR LIFE

Item	Code
Ladder Rack Bracket, 24"W	EC24LR

Solid and Perforated Top Panels

- Fit the large top opening on Elite Cabinets.
- Choose the Perforated Top Panel for additional ventilation.
- For Top Fan Panels, see **page 10**.
- ✦✦ **WARRANTY** —Lifetime

ABSOLUTELY GUARANTEED FOR LIFE

Item	Code
Top Panels	
Solid	ECTOPS
Perforated	ECTOPP

Solid Rear Bottom Panels

ECBSKS24

- Cover the cable cutout on the bottom rear of Elite™ Cabinets.
- Standard Elite Cabinets have rectangular cable cutouts at the bottom rear of the cabinet—this panel can cover that opening if you don't wish to use it for cable management.
- ✦✦ **WARRANTY** — Lifetime

Item	Code
Solid Rear Bottom Panels	
for 24"W Cabinets	ECBSKS24
for 30"W Cabinets	ECBSKS30

Solid Bottom Panels

- Standard Elite Cabinets are open on the bottom—this panel covers the large bottom opening.
- ✦✦ **WARRANTY** — Lifetime

ABSOLUTELY GUARANTEED FOR LIFE

Item	Code
Solid Bottom Panels	
for 24"W x 36"D Cabinets	ECBSKL2436
for 24"W x 42"D Cabinets	ECBSKL2442
for 30"W x 32"D Cabinets	ECBSKL3032
for 30"W x 36"D Cabinets	ECBSKL3036
for 30"W x 42"D & 48"D Cabinets	ECBSKL3042

23" Mounting Kits for 30"W Elite Cabinets

EC23MK32

- Enable you to convert standard 19" rails to 23" rails.
- Include four (4) brackets and eight (8) screws.
- ✦✦ **WARRANTY** — Lifetime

Item	Code
23" Mounting Kits for 30"W Cabinets	
for 30"W x 32"D Cabinets	EC23MK32
for 30"W x 36"D Cabinets	EC23MK36
for 30"W x 42"D Cabinets	EC23MK42

Dual PDU Mounting Brackets

ECPDUMK24

- Provide an additional pair of brackets to mount more than two PDUs or to mount PDUs in more than one corner of the cabinet.
- ✦✦ **WARRANTY** — Lifetime

Item	Code
Dual PDU Mounting Brackets, 1 Pair*	
for 24"W Cabinets	ECPDUMK24
for 30"W Cabinets	ECPDUMK30

* A pair of Dual PDU Mounting Brackets is included with the Elite Cabinet base frame.

Vertical PDU 19" Mounting Kit, 0U

- Mounts a PDU or other 19" 1U rackmount equipment behind the rails without using any rack space.
- Includes (2) 1U brackets.
- ✦✦ **WARRANTY** — Lifetime

Item	Code
Vertical PDU 19" Mounting Kit, 0U	ECPDUMK

Networking Hardware/Baying Kit

- Kit for baying or networking two Elite Cabinets together.
- Includes (4) $5/16$ wing nuts, (4) $5/16$ thumbscrews with shoulder, (4) $5/16$ split lock washers, and (8) $5/16$ flat washers.
- ✦✦ **WARRANTY** — Lifetime

| Item	Code
Networking Hardware/Baying Kit	ECNH

Black Box Custom Solutions
Don't see what you need? Chances are we can build it.

Whether you manage a small-office network or a large data center, you know it can be difficult to pin down an enclosure that:

- Fits your space.
- Holds components compactly and securely.
- Leaves room for expansion.
- Provides adequate cooling.
- Has room for power distribution.
- Manages cable neatly.
- Makes components easy to access.
- Locks when you need it to.

You can count on Black Box to engineer a cabinet solution to match your space and application. Black Box engineers have been designing data centers for more than 25 years—let us use our experience to help you build yours.
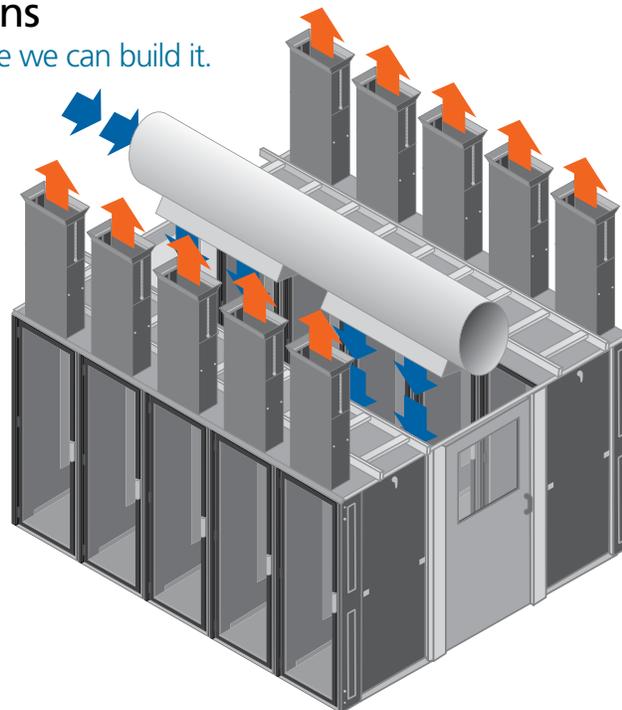
*Typical hot aisle/cold aisle configuration with hot air vent to the plenum via a Chimney Top (ECTOPCHIM), **p. 11**. Also shown is the Cold Aisle Containment System (EC45U48WCD), **p. 11**.*
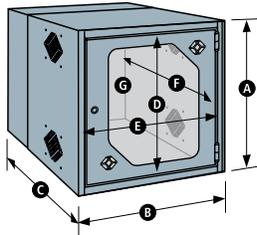
Elite Wallmount Cabinet

The wallmount cabinet that makes adding equipment easy!

- Large openings in back panel enable you to easily install patch panels or other prewired equipment.
- Accessories that fit the 3U opening in other Elite cabinets also fit into these cabinets' 3U opening.
- Doors can be reversed to open left or right.
- Double hinged for easy access to rear of equipment.
- Have keylocks on front and side.
- Ship with one conduit panel.
- Include one pair of 10-32 rails. Order additional rails for 4-point mounting.
- ✦✦ **WARRANTY** — Lifetime

Elite Wallmount Cabinets from Black Box have all the quality you've come to expect plus features that set them apart from other wallmount cabinets. They feature large openings on the back panel that enable you to simply slide in a loaded patch panel.

If you want to add fans, a Brush Grommet Kit, a Waterfall Radius Bracket, or other accessory, it couldn't be easier. That's because just about any Elite accessory that fits into the 3U opening on the top of an Elite cabinet will work with the wallmount cabinet.

For even more versatility, optional brackets attach to the back panel of the cabinet and enable you to rackmount patch panels behind the equipment in the cabinet at 45° or 90° angles.

3U opening for accessories or cable access on the top and bottom of cabinet.

Cabinet backs have openings that enable you to insert loaded patch panels without having to rewire.

Smoked PLEXIGLAS® front door.

Keylocks on front and side.

Openings on back enable you to insert loaded patch panels without rewiring.

Cutouts for ventilation.

The cabinet is reversible top to bottom, so the back section opens left or right.

EWM26U482430

Optional Waterfall Bracket (ECW3U) installs in 3U top opening. For information, see **page 12**

90° Brackets (EWM90DAB)

45° Brackets (EWM45DAB)

Buyer's Guide | Elite Wallmount Cabinets

Ⓐ Exterior Height	Ⓑ Exterior Width	Ⓒ Exterior Depth	Ⓓ Rack Units	Ⓔ Interior Width	Ⓕ Main Body Depth	Ⓖ Rear Section Depth	Code
24"	24"	18"	12U	23.75"	9.125"	7"	EWM12U242418
24"	24"	24"	12U	23.75"	15.125"	7"	EWM12U242424
24"	24"	30"	12U	23.75"	21.125"	7"	EWM12U242430
36"	24"	18"	20U	23.75"	9.125"	7"	EWM20U362418
36"	24"	24"	20U	23.75"	15.125"	7"	EWM20U362424
36"	24"	30"	20U	23.75"	21.125"	7"	EWM20U362430
48"	24"	18"	26U	23.75"	9.125"	7"	EWM26U482418
48"	24"	24"	26U	23.75"	15.125"	7"	EWM26U482424
48"	24"	30"	26U	23.75"	21.125"	7"	EWM26U482430

Item	Code
Elite Wallmount Cabinets	
24"H x 24"W (12U)	
18"D	EWM12U242418
24"D	EWM12U242424
30"D	EWM12U242430
36"H x 24"W (20U)	
18"D	EWM20U362418
24"D	EWM20U362424
30"D	EWM20U362430
48"H x 24"W (26U)	
18"D	EWM26U482418
24"D	EWM26U482424
30"D	EWM26U482430
You may also need...	
90° Angle Bracket, 2U, Pair	
	EWM90DAB
45˚ Angle Bracket, 4U, Pair	
	EWM45DAB
Spare Rails	
12U	EWM12URK
20U	EWM20URK
26U	EWM26URK
Fans	RMT373

EC45U2436SMMSMNK_(27033)_4-11v2