

# GF-SERIES GLOBALFRAME® GEN 2 CABINET SYSTEM

## KEY FEATURES

- Industry-standard sizes make selection easy
- Two configurations to support front-to-rear or front-to-top airflow
- Wide range of thermal and cable management accessories
- Fully compatible with aisle containment solutions

## APPLICATIONS

- Cabinet solution for server, network and mixed-use applications in data centers, computer rooms and equipment rooms

## USE WITH

- Air Dam
- Air Director
- Equipment Rail Grommet Kit
- Bottom Panel
- Finger Cable Manager
- Ring Cable Manager
- Cable Lashing Bracket
- Full Height Dual PDU Bracket

## RELATED ACCESSORIES

- Snap-In Filler Panels
- Vertical PDUs and Power Strips
- Aisle Containment Solution



Patented  
Vertical Exhaust  
Duct

### Two Configurations

Perforated doors or Vertical Exhaust Duct supports front-to-rear or front-to-top airflow



### Control Airflow

Perforated doors maximize airflow, and grommet sealed cable openings minimize leakage



### Improved Slide Design

Accessories slide like equipment mounting rails for quick and easy adjustment



The GF-Series GlobalFrame® Gen 2 Cabinet System is an industry-standard server and network equipment storage solution for data centers, computer rooms or network facilities.

Available in a select set of industry-standard sizes, GF-Series GlobalFrame features two specific configurations that meet most application requirements. Standard cabinets with perforated front and rear doors support front-to-rear airflow for hot aisle/cold aisle or aisle containment applications. High-density cabinets with perforated front and solid rear doors and a top-mount Vertical Exhaust Duct, guide hot exhaust air away from the cabinet to support a closed return application. Both configurations cover the basics with adjustable-depth Z-shaped mounting rails that help block bypass airflow around equipment, cable openings in the top panels that are large enough for high-amperage PDU power plugs, casters to easily position the cabinet and locking doors and side panels to secure equipment.

Additionally, CPI's second generation GF-Series GlobalFrame features new size and finish options, enhanced panels and doors and smarter airflow management. The frame is now available in a standard 52U height, 700 mm width and 1100 mm depth to maximize space utilization, and a Glacier White finish that reflects more light. Maximum front-to-rear rail depths are increased to support deeper equipment. Top and bottom panels include snap on plastic grommets to seal cable openings. Perforated areas on the doors are 78% open to maximize airflow, and the improved Air Dam accessory (ordered separately), which creates an airflow barrier around the rails to block bypass air inside the cabinet, allows rails to be adjusted to any depth.

Combine the GF-Series GlobalFrame with thermal and cable management accessories to create a solution that fits your requirements. See inside for product details. Contact CPI Technical Support for configuration assistance.

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## ORDERING INFORMATION

Use the part number configurator below to select a GF-Series GlobalFrame Cabinet. Choose the **Height**, **Width**, **Depth**, **Side Panel Style**, **Configuration**, **Color**, and **Frame Style**. *Example part number: GF-1A100-CB*

## Complete Matrix:

The complete product matrix includes all options available.

GF	-	H	W	D	S	C	-	C	F
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## 600 mm, 700 mm, 800mm Standard Cabinets

	1. Height			2. Width			3. Depth/Frame			Depth w/Doors		4. Side Panels		5. Configuration		-	6. Color		7. Frame	
	U	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	Description	Description	Description	Description		Description	Description	Description	Description
GF-	1	42	79.4	2016	A	23.6	600	1	31.5	800	35.4	900	0	No Sides	0	Standard Top Panel/Standard Pallet	C	Black	A	4-Slide
	2	45	84.6	2149	D	27.6	700	2	39.4	1000	43.3	1100	1	One Side			E	Glacier White	B	6-Slide
	3	48	89.9	2282	C	31.5	800	3	41.3	1050	45.3	1150	2	Two Sides						
	4	52	96.9	2460				5	43.3	1100	47.3	1200								
								4	47.2	1200	51.2	1300								

Notes:

Height includes casters.

Frame depth does not include doors. See page 5 for detailed dimensions.

Includes Perforated Front and Rear Doors.



## 600 mm, 700 mm, 800mm Vertical Exhaust Duct Cabinets

	1. Height			2. Width			3. Depth/Frame			Depth w/Doors		4. Side Panels		5. Configuration		-	6. Color		7. Frame	
	U	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	Description	Description	Description	Description		Description	Description	Description	Description
GF-	1	42	79.4	2016	A	23.6	600	3	41.3	1050	45.3	1150	0	No Sides	1	Duct 20-34" (508-863 mm)/ Standard Pallet	C	Black	A	4-Slide
	2	45	84.6	2149	D	27.6	700	5	43.3	1100	47.3	1200	1	One Side			E	Glacier White	B	6-Slide
	3	48	89.9	2282	C	31.5	800	4	47.2	1200	51.2	1300	2	Two Sides	2	Duct 34-60" (863-1523 mm)/ Standard Pallet				
	4	52	96.9	2460																

Notes:

Height includes casters. Does not include Vertical Exhaust Duct.

Frame depth does not include doors. See page 5 for detailed dimensions.

Includes Perforated Front Door, Solid Rear Door, Vertical Exhaust Duct and Bottom Panel.

## 750 Standard and Vertical Exhaust Duct Cabinets

	1. Height			2. Width			3. Depth/Frame			Depth w/Doors		4. Side Panels		5. Configuration		-	6. Color		7. Frame	
	U	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	Description	Description	Description	Description		Description	Description	Description	Description
GF-	1	42	79.4	2016	B	29.5	750	3	41.3	1050	45.3	1150	0	No Sides	0	Standard Top Panel/Standard Pallet	C	Black	B	6-Slide
	2	45	84.6	2149	D	27.6	700	5	43.3	1100	47.3	1200	1	One Side			E	Glacier White		
	3	48	89.9	2282				4	47.2	1200	51.2	1300	2	Two Sides	1	Duct 20-34" (508-863 mm)/ Standard Pallet				
														2	Duct 34-60" (863-1523 mm)/ Standard Pallet					

Notes:

Height includes casters. Does not include Vertical Exhaust Duct.

Frame depth does not include doors. See page 5 for detailed dimensions.

Includes Perforated Front Door, Solid Rear Door, Vertical Exhaust Duct and Bottom Panel.

## 600 mm, 700 mm, 800 mm Shock Pallet Cabinets

	1. Height			2. Width			3. Depth/Frame			Depth w/Doors		4. Side Panels		5. Configuration		-	6. Color		7. Frame	
	U	in.	mm.	in.	mm.	in.	mm.	in.	mm.	in.	mm.	Description	Description	Description	Description		Description	Description	Description	Description
GF-	1	42	79.4	2016	A	23.6	600	3	41.3	1050	45.3	1150	0	No Sides	3	Standard Top Panel/Shock Pallet	C	Black	B	6-Slide
	2	45	84.6	2149	D	27.6	700	5	43.3	1100	47.3	1200	1	One Side			E	Glacier White		
								4	47.2	1200	51.2	1300	2	Two Sides						

Notes:

Height includes casters.

Frame depth does not include doors. See page 5 for detailed dimensions.

Reusable Packaging.



For the full line of cabinet configurations, use the complete product matrix or log on to the CPI Configurator on our website at [www.chatsworth.com](http://www.chatsworth.com). For additional assistance, contact Technical Support at 800-843-4969.

## SPECIFICATIONS

- Freestanding equipment cabinet provides front and rear support for 19"W (482.6 mm) EIA rack-mount equipment and shelves
- For indoor use only, in environmentally controlled areas, not harsh environments
- Includes:
  - Welded steel and bolted aluminum four-post frame
  - Equipment mounting rails, two pairs
  - Grounding/bonding system and ground lug
  - Leveling feet and casters
  - Floor attachment brackets
  - Baying kit, for 600 mm or 24" spacing
  - PDU brackets, one pair, for mounting two vertical CPI PDUs
  - Equipment mounting hardware, (50) M6 cage nuts and screws
- Equipment space:
  - See Height, Width and Depth tables under Ordering Information/Dimensions
- Doors/lock kits:
  - Perforated front door
  - Choice of solid or double perforated rear door
  - Perforated area is 78% open
  - Solid door includes a perimeter seal
  - Front door opens to 120° when bayed, 145° when not bayed
  - Rear door opens to 180° when bayed or not bayed
  - Hinge pins allow easy removal during maintenance
  - Reversible to open from the right or left, must move hinges/latch
  - Interchangeable front or rear, must move hinges/latch
  - Swing handle with keyed lock
- Side panels:
  - Order with cabinet or as service parts
  - Solid, two-piece panels (half height, full depth)
  - Individual top/bottom panels on 6-slide frame
  - Stacking top/bottom panels on 4-slide frame
  - Recessed spring-loaded latch with lock, keyed to match doors
  - Bay cabinets with panels installed or removed
  - Panels with cable openings are available as accessories
- Top panel:
  - Choice of standard panel or Vertical Exhaust Duct
  - Standard panel is a one-piece solid panel with four large grommets over cable openings, one per corner
  - Grommets are plastic, snap on, seal cable openings and can be cut to pass cables
  - Unsealed openings are 4.5"W x 9.0"D (114 mm x 228 mm), wide enough for large PDU plugs
  - Vertical Exhaust Duct includes the duct and a front panel with two cable openings and grommets, one per corner
  - Select duct size to match the distance between the top of the cabinet and the overhead drop ceiling; the duct features easy adjustment and a flexible top seal
- Bottom panel:
  - Included with cabinets that have a Vertical Exhaust Duct top panel
  - Bottom panel is a two-piece solid panel with two large grommets over cable openings in the back corners
  - Grommets are plastic, snap on, seal cable openings, and can be cut to pass cables
  - Unsealed cable openings are 4.5"W x 9.0"D (114 mm x 228 mm), wide enough for large PDU plugs
- Equipment support:
  - Two pairs of mounting rails in the cabinet
  - Adjustable depth, rails slide front-to-back, marks on frame for easy vertical alignment
  - 1-3/4"H (44.45 mm) U spacing, marked and numbered on all rails
  - 19"W, EIA-310-E Universal 5/8"-5/8"-1/2" (15.9 mm – 15.9 mm – 12.7 mm) vertical hole spacing
  - Square-punched holes accept cage nuts
  - Includes 50 each M6 cage nuts and screws with square-punched rails
- Load capacity for 6-slide frame (per UL2416):
  - 3000 lb (1360 kg), static load on leveling feet
  - 2250 lb (1020 kg), rolling load on casters
  - 2000 lb (907.2 kg), shipping on shock pallet
- Load capacity for 4-slide frame (per UL2416):
  - 2500 lb (1134 kg), static load on leveling feet
  - 2000 lb (907.2 kg), rolling load on casters

- Grounding/Bonding:
  - Mounting rails, top panel, side panels and doors are electrically bonded to the cabinet frame
  - Prepared location for ground lug at the top and bottom of the cabinet frame
  - A grounding lug is included to attach the frame to ground
- PDU Brackets:
  - One pair of brackets and installation hardware
  - Use with CPI Vertical Power Strips or PDUs
  - Supports two 2.2"W (51 mm) or narrower PDUs side-by-side or one PDU up to 3.5"W (89 mm)
  - Attaches to the frame in either back corner
  - Provides tool-less attachment points spaced 61.25" (1556 mm) apart on all cabinets
  - Provides alternate tool-less attachment points spaced 64.75" (1645 mm) on cabinets 44U or taller
  - Full height bracket with cable tie points is also available as an accessory
- Certifications:
  - EIA-310-E compliant
  - UL Listed 2416, NWIN
- Material:
  - Steel frame, rails and panels
  - Aluminum slides
  - Plastic grommets/seals
- Construction:
  - Welded/bolted frame
  - Mounting rails bolt to frame
- Finish:
  - Epoxy-polyester hybrid powder coat paint on frame, rails, panels in Black or Glacier White
  - Grommets/seals, door handles/hinges are black

## Installation Products

Installation products include equipment mounting hardware, concrete floor anchors, expanding adhesive foam sealing tape and raised floor grommets. Be sure to secure your cabinets to the floor and to seal openings in panels and the raised floor.

Part Number	Description	Shipping Weight lb (kg)
<b>Leveling Feet Height Adjustment Tool</b>		
39150-001	5 mm Hex Ball Driver Tool, 12"L (300 mm)	1 (0.5)
<b>Equipment Mounting Hardware</b>		
12637-001	Cage Nuts, Screws, M6, 25 Pack, Gold	1 (0.5)
12638-001	Cage Nuts, Screws, #10-32, 25 Pack, Zinc	1 (0.5)
12639-001	Cage Nuts, Screws, #12-24, 25 Pack, Black	1 (0.5)
<b>Floor Anchor Kit</b>		
40604-003	(4) 1/2" Concrete Anchors, Hardware Kit	4 (1.8)
13876-001	1" Tape, 18.4'L (5.6 m), 5 Rolls, Black	5 (2.3)
13876-002	2" Tape, 8.5'L (2.6 m), 5 Rolls, Black	7 (3.2)
<b>KoldLok® Raised Floor Grommet</b>		
13671-002	Split Integral Grommet, 10 Pack, Black 8" x 4" (203 mm x 102 mm)	20 (9.1)
13872-002	Mini Grommet, 10 Pack, Black 5" x 2.5" (127 mm x 64 mm)	5 (2.3)
13875-002	Round Grommet, 10 Pack, Black, 6" (152 mm)	5 (2.3)

Baying Kits and Floor Mounting Brackets are included with each cabinet.



**Hex Ball Driver Tool**  
To Adjust Leveling Feet



**Round Grommet**  
For Small Cable Bundles



**Mini Grommet**  
For Small Cable Bundles

## Ramp Kit for Shock Pallet Cabinets

Ramp Kit includes a pair of steel ramps used to roll a loaded cabinet off of a shock pallet.

- Durable, welded steel construction for repeated use
- 0.7"H (17.4 mm) sides control casters to prevent the cabinet from rolling off ramp
- Gradual, 4.5'L (1.4 m) incline for controlled exit
- Includes: one pair of steel, black finish ramps
- Order one Ramp Kit per site for Shock Pallet Cabinets



Part Number	Description	Shipping Weight lb (kg)
39207-701	Ramp Kit for Shock Pallet Cabinets, Black	26 (11.8)

DIMENSION TABLES

Height Dimensions - in (mm)			
Rack Mount Spaces (U)	Overall with Casters	Frame Only No Casters	Front Opening
42	79.4 (2016)	77.4 (1965)	73.9 (1876)
45	84.6 (2149)	82.6 (2099)	79.1 (2010)
48	89.9 (2282)	87.9 (2232)	84.4 (2143)
52	96.9 (2460)	94.9 (2410)	91.4 (2321)

Casters add approximately 2" (51 mm) to frame and are factory installed on the cabinet.

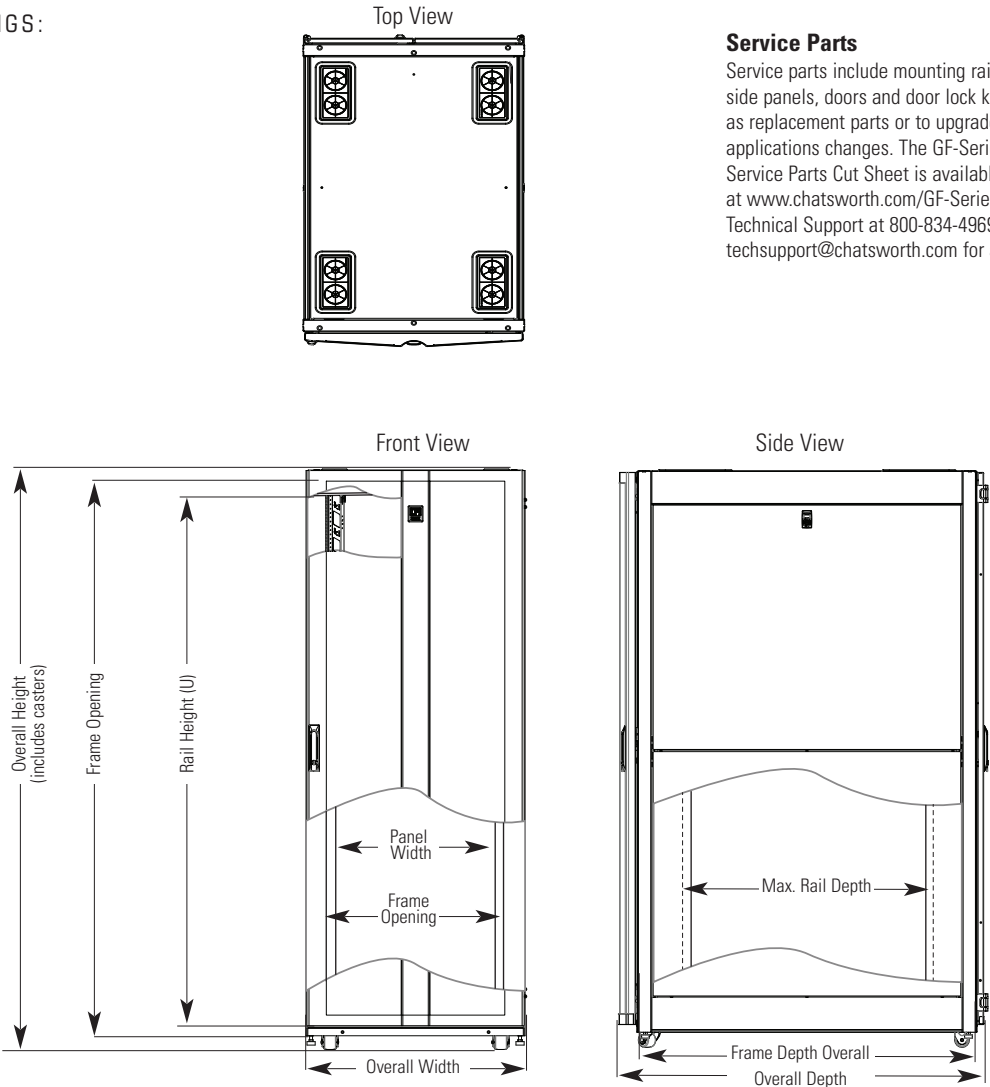
Depth Dimensions - in (mm)			
Nominal Depth	Overall with Doors	Frame Only No Doors	Maximum Rail Depth
800	35.4 (900)	31.5 (800)	29.3 (745)
1000	43.3 (1100)	39.4 (1000)	37.2 (945)
1050	45.3 (1150)	41.3 (1050)	39.2 (995)
1100	47.3 (1200)	43.3 (1100)	41.1 (1045)
1200	51.2 (1300)	47.2 (1200)	45.1 (1145)

Front Door is approximately 2.4"D (61 mm) and Rear Door is approximately 1.5"D (38 mm) with hinges/latches. Minimum rail depth is 7" (178 mm), each rail is 3.5"D (89 mm). Rail depth is reduced when vertical accessories are placed in corners.

Width Dimensions - in (mm)			
Nominal Width	Overall with Side Panels	Front Opening	Rack-Mount Panel Width
600	23.6 (600)	19.6 (498)	19 (482.6)
700	27.6 (700)	23.5 (598)	19 (482.6)
750	29.5 (750)	25.5 (648)	19 (482.6)
800	31.5 (800)	27.5 (698)	19 (482.6)

Mounting Rail clearance is 17.8" (452 mm), mounting hole spacing is 18.3" (465 mm).

DIMENSIONAL DRAWINGS:



**Service Parts**  
Service parts include mounting rails, top panels, side panels, doors and door lock kits, and are used as replacement parts or to upgrade cabinets as applications changes. The GF-Series GlobalFrame Service Parts Cut Sheet is available for download at [www.chatsworth.com/GF-Series](http://www.chatsworth.com/GF-Series) or contact CPI Technical Support at 800-834-4969 or [techsupport@chatsworth.com](mailto:techsupport@chatsworth.com) for assistance.

## ACCESSORIES – ELECTRONIC LOCKING SYSTEMS

**Electronic Lock Kit:**

Electronic Lock Kit is a retrofit kit for the cabinet door that enhances security by eliminating the need for keys and allowing quick lock reprogramming if there is a security concern. Each lock can be programmed with multiple access codes allowing assignment of administrator and user only rights. Use a master code to open all cabinets, while different user codes open individual cabinets or groups of cabinets. Two options are available: System 1000 and System 1500.

**Electronic Lock Kit, System 1000**

Electronic Lock Kit System 1000 is a basic standalone electronic lock that supports three user levels and three access codes.

- Standalone electronic keypad lock (not networked, no audit trail)
- Three user levels with three programmable access codes:
  - 1 Master code (8-digit) – full administrative rights
  - 1 Sub-Master code (8-digit) – set/delete user code
  - 1 User code (4-digit)
- Approximately 15,000 openings with new batteries
- Low Battery warning LED
- External battery override with 9 VDC PP3 battery
- Powered by 2 x 1.5 VDC AAA batteries
- Includes door mounting plate and hardware
- Silver-colored handle, black mounting plate

Part Number - By Door Style			Description	Shipping Weight lb (kg)
Front Door Single, Perf.	Rear Door Single, Perf.	Rear Door Double, Perf.		
39224-C00	39223-C00	39225-C99	ELS Kit, System 1000	3 (1.4)

*Note: These part numbers are retrofit electronic lock kits that replace the swing handle on the cabinet door. To order this lock kit pre-installed on the cabinet door, use the CPI Product Configurator on the CPI website.*

**Electronic Lock Kit, System 1500**

Electronic Lock Kit System 1500 is a basic electronic lock that supports three user levels and 22 access codes.

Standalone electronic keypad lock (not networked, no audit trail)

Three user levels with twenty-two programmable access codes:

- 1 Master code (8-digit) – full administrative rights
- 1 Sub-Master code (8-digit) – change sub-master code, set/delete user code
- 20 User code (4-digit)
- Approximately 50,000 openings with new batteries
- Audible keypad notifies when keys are depressed or sound can be disabled
- Dual access code mode requires two codes to open
- Low Battery warning LED
- External battery override with 9 VDC PP3 battery
- Powered by 2 x 3 VDC CR2450 coin batteries
- Includes door mounting plate and hardware
- Black handle and mounting plate

Part Number - By Door Style			Description	Shipping Weight lb (kg)
Front Door Single, Perf.	Rear Door Single, Perf.	Rear Door Double, Perf.		
39224-C01	39223-C01	39228-C99	ELS Kit, System 1500	3 (1.4)

*Note: These part numbers are retrofit electronic lock kits that replace the swing handle on the cabinet door. To order this lock kit pre-installed on the cabinet door, use the CPI Product Configurator on the CPI website.*

## THERMAL MANAGEMENT ACCESSORIES

**Thermal Management Accessories:**

Enhance Thermal performance by controlling airflow through the cabinet using the following accessories. Thermal management accessories play a critical role in overall performance by controlling airflow inside the cabinet.

**Side Panel with Grommet Sealed Cable Openings**

Side Panel With Grommet Sealed Cable Openings feature multiple grommet sealed cable openings that allow cables to enter the side of the cabinet while containing exhaust air within each cabinet.

- Two-piece design with top and bottom halves for easier handling
- Eight cable openings per side, four per half-height panel, one per corner, are 4.5"W x 9"D (114 mm x 228 mm) without grommet, sized for large power plugs
- Grommets are plastic, snap on, seal cable openings and can be cut to pass cables
- Tool-less removal, drop in design with integrated locking spring latch secures the side panel to the cabinet frame
- Integrated grounding tabs to electrically bond the side panel to cabinet frame
- Includes: Side panel (two halves, with grommets), installation hardware, set of keys
- Material: Steel panels, plastic grommets
- Finish: Black or Glacier White; grommets are black
- Select part number to match the frame style, height, and depth

Part Number						Cabinet Frame Depth in (mm)	Shipping Weight lb (kg)
Frame Style		Height (U)					
6-Slide	4-Slide	42	45	48	52		
39037	39033	-X00	-X51	-XAC	-XDL	31.5 (800)	40 (18.1)
		-X08	-X59	-XAL	-XDW	39.4 (1000)	52 (23.6)
		-X10	-X61	-XAN	-XEA	41.3 (1050)	55 (24.9)
		-X12	-X63	-XAR	-XEC	43.3 (1100)	58 (26.3)
		-X16	-X67	-XAW	-XEG	47.2 (1200)	64 (29.0)

*X=color: C=Black, E=Glacier White. Shipping Weights are for 4-Slide, 52U panels. 6-Slide panels are approximately 8 lb (3.6 kg) lighter.*

## THERMAL MANAGEMENT ACCESSORIES (CONTINUED)

**Snap-In Filler Panel**

Snap-In Filler Panel blocks airflow in-between equipment by sealing unused rack-mount spaces (U) in the cabinet. Use with Air Dam Kit and Bottom Panel to separate cold and hot air within the cabinet.

- Easy, tool-less attachment and removal on square-punched mounting rails
- Fills entire U space to form a tight seal between panels and equipment
- Material: Plastic, Finish: Black or Glacier White
- Available in 1U and 2U heights, individual or bulk packs, color-matched to cabinet

Part Number			Height (U)	Shipping Weight lb (kg)
Each (1)	Pack (6)	Pack (50)		
34537-X00	34537-X01	34537-X02	1U	14 (6.4)
34538-X00	34538-X01	34538-X02	2U	21 (9.5)

X=Color; 0=Black, E=Glacier White. Shipping Weights are for 50 pack.

**Air Dam**

Air Dam blocks airflow around the sides and top of the equipment mounting space, so cold air passes through equipment and hot air does not recirculate around equipment.

- Use with Equipment Rail Grommet Kit and Bottom Panel
- Attaches to and adjusts with mounting rails
- Requires a minimum rail setback of 1.3" (33 mm) from the front of the cabinet frame; maximum rail setback is 9.8" (248 mm) without Bottom Panel
- Flexible seal against top and side panels
- Includes: top, bottom and side baffles; installation hardware
- Material: Steel baffles, plastic seals
- Finish: Black or Glacier White; seals are black
- Select part number to match the frame style, width, usable height and color of the cabinet

Part Number - Cabinet Width For 6-Slide Frame Style				Height (U)	Shipping Weight lb (kg)
23.6"W (600 mm)	27.6"W (700 mm)	29.5"W (750 mm)	31.5"W (800 mm)		
39085-X00	39085-X11	39085-X33	39085-X22	42	11 (5.0)
39085-X03	39085-X14	39085-X36	39085-X25	45	11 (5.0)
39085-X06	39085-X17	39085-X39	39085-X28	48	12 (5.4)
39085-X10	39085-X21	N/A	39085-X32	52	13 (5.9)
Part Number - Cabinet Width For 4-Slide Frame Style				Height (U)	Shipping Weight lb (kg)
23.6"W (600 mm)	27.6"W (700 mm)	29.5"W (750 mm)	31.5"W (800 mm)		
39130-X00	39130-X11	N/A	39130-X22	42	11 (5.0)
39130-X03	39130-X14	N/A	39130-X25	45	12 (5.4)
39130-X06	39130-X17	N/A	39130-X28	48	12 (5.4)
39130-X10	39130-X21	N/A	39130-X32	52	13 (5.9)

X=Color; C=Black, E=Glacier White. Shipping Weights are 800 mm kits.

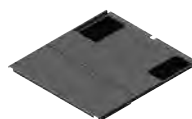
**Equipment Rail Grommet Kit**

Set of plastic grommets that cover cable openings in the equipment mounting rails in the wider cabinets to block airflow around equipment.

- Grommets are plastic, snap on, seal cable openings and can be cut to pass cables
- Includes: (8) grommets
- Material: Plastic

Part Number	Description	Shipping Weight lb (kg)
39133-001	Equipment Rail Grommet Kit, Pack of 8	2 (0.9)

Note: Use with 27.6"W (700 mm) or 31.5"W (800 mm) rails.

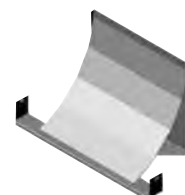
**Bottom Panel**

Bottom Panel with grommet sealed cable openings blocks airflow under the cabinet, so hot air is contained in the rear of the cabinet when the cabinet frame is elevated on leveling feet or casters.

- Upgrade for Standard Cabinets; use with Air Dam
- Solid panel with two large grommet sealed cable openings in the back corners
- Grommets are plastic, snap on, seal cable openings and can be cut to pass cables
- Unsealed openings are 4.5"W x 9.0"D (114 mm x 228 mm), wide enough to pass large PDU plugs
- Attaches to the bottom slide on the cabinet, install before rack-mount equipment
- Two piece panel for easier installation, adjusts to fit cabinets 39.4"D (1000 mm) or deeper
- Includes: bottom panel, grommets, installation brackets and hardware
- Material: Steel panels, plastic grommets
- Finish: Black or Glacier White; grommets are black
- Select part number to match the width and color of cabinet

Part Number Cabinet Width				Depth in (mm)	Shipping Weight lb (kg)
23.6"W (600 mm)	27.6"W (700 mm)	29.5"W (750 mm)	31.5"W (800 mm)		
39080-X00	39080-X01	39080-X03	39080-X02	≥39.4 (1000)	29 (13.2)

X=Color; C=Black, E=Glacier White. Shipping Weights are 800 mm kits.

**Air Director**

Air Director is an angled panel used at the back of cabinets with Vertical Exhaust Duct top panels to guide hot air towards the top of the cabinet.

- Universal, three piece design adjusts in width to fit all cabinets
- Attaches to the bottom slide on the cabinet, adjusts in depth
- U.S. patents apply to this product. For details visit [www.chatsworth.com/patents](http://www.chatsworth.com/patents)
- Includes: director, installation hardware
- Material: Steel
- Finish: Black or Glacier White
- Select part number to match color of the cabinet

Part Number	Description	Shipping Weight lb (kg)
39107-X00	Air Director	10 (4.5)

X=Color; 7=Black, E=Glacier White.

**Cable Port Brush Kit**

Cable Port Brush Kit is a pair of snap on brush covers that can be used to replace the plastic grommets included with the top, bottom and side panels to form a better seal for cable openings.

- Easy addition and removal of cables through brush opening
- Brushes form a tight seal around cables to minimize air leakage through cable openings
- Split, two-piece, snap on design for easy installation around cable bundles
- Includes: (2) brush covers
- Material: Plastic housing, nylon brushes

Part Number	Description	Shipping Weight lb (kg)
25190-001	Brush Covers, Pack of 2, Black	2 (0.9)



## THERMAL MANAGEMENT ACCESSORIES (CONTINUED)

**Bay Seal Kit**

Bay Seal Kit is only used with 23.6"W (600 mm) cabinets when the cabinets are bayed to align with 24"W (610 mm) floor tiles. The bay seal kit fills the small gaps left between cabinets.

- Flexible plastic insert that blocks airflow between cabinets
- Includes: side baffles, cut to length
- Material: Plastic
- Finish: Black only
- Select part number to match the usable height of the cabinet

Part Number	Height (U)	Shipping Weight lb (kg)
39137-700	42	5 (2.3)
39137-703	45	5 (2.3)
39137-706	48	5 (2.3)
39137-710	52	5 (2.3)

**Seal Kit**

Cover unused holes in the frame for hinges and installation brackets to prevent bypass airflow.

- Pre-cut, plastic, color-matched, adhesive backed labels for easy attachment to the cabinet
- Tough, heat resistant material and adhesive for long life
- Each kit includes 12 sheets; each sheet includes 21 round labels and six rectangular labels
- Round labels are .75" (19 mm) diameter. Rectangular labels are 1.3" x 2.2" (34 mm x 55 mm).
- Material: Thermoplastic polycarbonate film
- Finish: Black or Glacier White
- Select to match the color of the cabinet

Part Number	Height (U)	Shipping Weight lb (kg)
39076-X00	Seal Kit	1 (0.5)

X=color: C=Black, E=Glacier White.

## CABLE MANAGEMENT ACCESSORIES

**Cable Management Accessories:**

Keep network, KVM and power cables separate and organized using the following cable management accessories.

**Finger Cable Manager**

Finger Cable Manager attaches to the equipment mounting rail creating a pathway for cables next to the rail, and includes plastic T-shaped cable guides (fingers) that organize cables by rack-mount space (U). Two depths are available.

- Attaches to and adjusts with mounting rails, fully compatible with Air Dam
- Plastic, T-shaped cable guides (fingers) organize cables by rack-mount space (U)
- Openings between cable guides (fingers) align with each rack-mount space on the mounting rail
- Pass up to 48 cables per U space through openings on Finger Cable Manager
- Pass up to 24 cables per U space through openings on Finger Cable Manager, Short
- Hinged cover included with managers in wider cabinets, cover snaps closed to secure cables
- Includes: finger cable manager, cover (P/Ns 39112-XXX and 39235-XXX only), installation hardware
- Material: Steel panels, plastic guides and latches
- Finish: Black or Glacier White; guides and latches are black
- Select part number to match the frame style, width, usable height and color of the cabinet



39112



39120



39235

Part Number - Cabinet Width				Height (U)	Shipping Weight lb (kg)
23.6"W (600 mm)	27.6"W (700 mm)	29.5"W (750 mm)	31.5"W (800 mm)		
Finger Cable Manager					
N/A	39112-X11	39112-X33	39112-X22	42	22 (10.0)
N/A	39112-X14	39112-X36	39112-X25	45	23 (10.4)
N/A	39112-X17	39112-X39	39112-X28	48	25 (11.3)
N/A	39112-X21	N/A	39112-X32	52	26 (11.8)
Finger Cable Manager, Short					
39120-X00	39235-X11	39235-X33	39235-X22	42	21 (9.5)
39120-X03	39235-X14	39235-X36	39235-X25	45	22 (10.0)
39120-X06	39235-X17	39235-X39	39235-X28	48	23 (10.4)
39120-X10	39235-X21	N/A	39235-X32	52	24 (10.9)

X=color: C=Black, E=Glacier White. Shipping Weights are for 800 mm kits.

Inside Dimensions, Usable Internal Cable Area, Rails Setback, U Opening					
Cabinet Width	Width in (mm)	Depth in (mm)	Cable Area in² (mm²)	Rail Setback in (mm)	U Opening in² (mm²)
<b>Finger Cable Manager</b>					
27.6 (700)	2.6 (66)	8.4 (213)	21.8 (14 060)	10.1 (257)	6.6 (4260)
29.5 (750)	3.7 (94)	8.4 (213)	31.0 (20 000)	10.1 (257)	6.6 (4260)
31.5 (800)	4.6 (117)	8.4 (213)	38.6 (24 900)	10.1 (257)	6.6 (4260)
<b>Finger Cable Manager, Short</b>					
23.6 (600)	.5 (13)	6.0 (150)	3 (1900)	7.6 (193)	3.5 (2260)
27.6 (700)	2.6 (66)	6.0 (150)	15.6 (10 060)	7.6 (193)	3.5 (2260)
29.5 (750)	3.7 (94)	6.0 (150)	21.6 (13 940)	7.6 (193)	3.5 (2260)
31.5 (800)	4.6 (117)	6.0 (150)	27.8 (17 940)	7.6 (193)	3.5 (2260)

Rail setback is the minimum distance required between the front edge of the cabinet frame and the front edge of the equipment mounting rail. U opening is the size of the side opening at each U space between T-shaped cable guides (fingers).

## CABLE MANAGEMENT ACCESSORIES (continued)

**Front-to-Rear Cable Manager**

Front-to-Rear Cable Manager attaches to the back of equipment mounting rails creating a front-to-rear pathway between the front and rear mounting rails for cables.

- For use on 27.6"W (700 mm), 29.5"W (750 mm) and 31.5"W (800 mm) cabinets
- Mounting locations behind cable openings on each rail
- Attaches to mounting rails and extends to match depth
- Creates a 2.5"W (64 mm) x 3"D (78 mm) front-to-rear pathway for cables
- Includes: cable manager, installation hardware
- Material: Steel panels, Finish: Black or Glacier White
- Select part number to match the color of the cabinet

Part Number - Cabinet Width				Rail Depth Range in (mm)	Shipping Weight lb (kg)
23.6"W (600 mm)	27.6"W (700 mm)	29.5"W (750 mm)	31.5"W (800 mm)		
N/A	39077-X00	39077-X00	39077-X00	22-34 (558-863)	5 (2.3)

X=color: C=Black, E=Glacier White.

**Ring Cable Manager**

Ring Cable Manager is independent of the equipment mounting rails creating a separate vertical pathway for cables and includes plastic cable rings to organize cables.

- Attaches to the frame, adjusts in depth independent of the mounting rails
- Rings have an opening on the front for easy addition or removal of cables
- Includes: brackets, rings, installation hardware
- Material: Steel brackets, plastic rings
- Finish: Black or Glacier White; rings are black
- Select part number to match the frame style, width, usable height and color of the cabinet

Part Number - Cabinet Width For 6-Slide Frame Style			Height (U)	Shipping Weight lb (kg)
23.6"W (600 mm)	27.6"W (700 mm) & 29.5"W (750 mm)	31.5"W (800 mm)		
39087-X00	39088-X00	39089-X00	42	13 (5.9)
39087-X03	39088-X03	39089-X03	45	14 (6.4)
39087-X06	39088-X06	39089-X06	48	16 (6.4)
39087-X10	39088-X10	39089-X10	52	15 (6.8)
Part Number - Cabinet Width For 4-Slide Frame Style			Height (U)	Shipping Weight lb (kg)
23.6"W (600 mm)	27.6"W (700 mm)	31.5"W (800 mm)		
39127-X00	39128-X00	39129-X00	42	14 (6.4)
39127-X03	39128-X03	39129-X03	45	14 (6.4)
39127-X06	39128-X06	39129-X06	48	15 (6.8)
39127-X10	39128-X10	39129-X10	52	15 (6.8)

X=color: C=Black, E=Glacier White. Shipping Weights are 800 mm kits. Use 39088-X00 in 29.5"W (750 mm) cabinets also.

Inside Dimensions, Usable Internal Cable Area, Rail Setback					
Cabinet Width	Width in (mm)	Depth in (mm)	Cable Area in <sup>2</sup> (mm <sup>2</sup> )	Rail Setback in (mm) 6-Slide	Rail Setback in (mm) 4-Slide
23.6 (600)	.9 (29)	3.3 (84)	2.9 (1870)	7.6 (193)	9.1 (231)
27.6 (700)	2.3 (58)	5.5 (140)	12.6 (8130)	8.2 (208)	8.2 (208)
31.5 (800)	4.2 (107)	3.5 (89)	14.7 (9480)	6.4 (163)	6.4 (163)

Note: Rail setback is the minimum distance required between the front edge of the cabinet frame and the front edge of the equipment mounting rail.

**Cable Lashing Bracket**

Cable Lashing Bracket creates a simple, separate vertical pathway for a small bundle of cables and has multiple slots for CPI Saf-T-Grip® Straps or tie wraps to secure cables to the bracket.

- Attaches to the frame, adjusts in depth independent of the mounting rails
- Bracket is 1.6"W (41 mm)
- Includes: brackets, installation hardware, order Saf-T-Grips or cable ties separately
- Material: Steel; Finish: Black or Glacier White
- Select part number to match the frame style, usable height and color of the cabinet

Part Number - Frame Style		Height (U)	Shipping Weight lb (kg)
6-Slide	4 Slide		
39124-X00	39131-X00	42	4 (1.8)
39124-X03	39131-X03	45	5 (2.3)
39124-X06	39131-X06	48	5 (2.3)
39124-X10	39131-X10	52	5 (2.3)

X=color: C=Black, E=Glacier White.

**Full Height Dual PDU Bracket**

Full Height Dual PDU Bracket supports two vertical PDUs side-by-side and has multiple slots for CPI Saf-T-Grip® Straps or tie wraps to secure cords to the bracket.

- Attaches to the frame, adjusts in depth independent of the mounting rails
- Available in two widths: Dual and Wide
- Dual bracket is 4.8"W (121 mm) and supports two PDUs up to 2.2"W (51 mm) side-by-side
- Dual bracket supports most CPI eConnect PDUs and power strips side-by-side
- Wide bracket is 5.8"W (147 mm) and supports two PDUs up to 2.7"W (69 mm) side-by-side
- Wide bracket is required to mount two 6-Breaker eConnect PDUs (series P/Nx PX-3XXXX), side-by-side
- Tool-less mounting on 28" (711 mm), 61.25" (1556 mm) or 64.75" (1645 mm) centers
- Includes: brackets, installation hardware, order Saf-T-Grips or cable ties separately
- Material: Steel; Finish: Black or Glacier White

Part Number		Height (U)	Shipping Weight lb (kg)
Dual	Wide		
39086-X00	39221-X00	42	10 (4.5)
39086-X03	39221-X03	45	11 (5.0)
39086-X06	39221-X06	48	12 (5.4)
39086-X10	39221-X10	52	13 (5.9)

X=color: C=Black, E=Glacier White. Shipping weights are for Wide brackets.

**Label Holder Kit**

Label Holder Kit includes 24 each, 1"H x 4"W (25 mm x 100 mm) label holders that can be attached to the front or sides of cabinets and hold labels for identifying the cabinet.

- Plastic, L-shaped, adhesive backed label holder for easy attachment to the cabinet
- Tough, heat resistant material and adhesive for long life
- Each kit includes 24 label holders
- 1"H x 4"W (25 mm x 100 mm) surface for labels; labels not included
- Material: Rigid PVC plastic, UL94-V0, Finish: Black

Part Number	Description	Shipping Weight lb (kg)
39151-001	Label Holder Kit, Pack of 24, Black	1 (0.5)

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