



F-SERIES TERAFRAME™ CABINET SYSTEM

23.6" W (600 mm) Cabinets

KEY FEATURES

- Distinct and attractive styling sets the F-Series TeraFrame apart from other cabinets.
- Highly flexible design with 612 frame sizes and infinite standard configurations. Choose from a variety of thermal, cable and power management accessories to match your exact needs using CPI's Product Configurator at www.chatsworth.com/configurator.
- Use CPI Passive Cooling® Solutions to support a broad range of equipment heat loads. Overcome high-density applications with the Vertical Exhaust Duct.
- Choose from several styles of top panels, side panels and doors to match your security and thermal management requirements. Top panels have large brush sealed cable openings; doors and side panels are locking with solid or perforated (mesh panels).
- Numerous standard latching and locking options are available, including electronic keypad access.
- Includes two pairs of sliding, continuously adjustable mounting rails to provide critical front and rear support for 19" wide (482.6 mm) rack-mount equipment including all major brands of server and data storage equipment that are EIA-310-D compliant.

APPLICATIONS

- The next generation F-Series TeraFrame™ Cabinet System is a highly configurable equipment storage cabinet that organizes, stores and secures computer, data storage and network equipment in the data center, computer room or network environment.

USE WITH

- Air Dam Kit
- Vertical Cable Managers
- Vertical Power Managers
- Airflow Director
- Internal Air Duct
- Vertical Exhaust Duct

RELATED ACCESSORIES

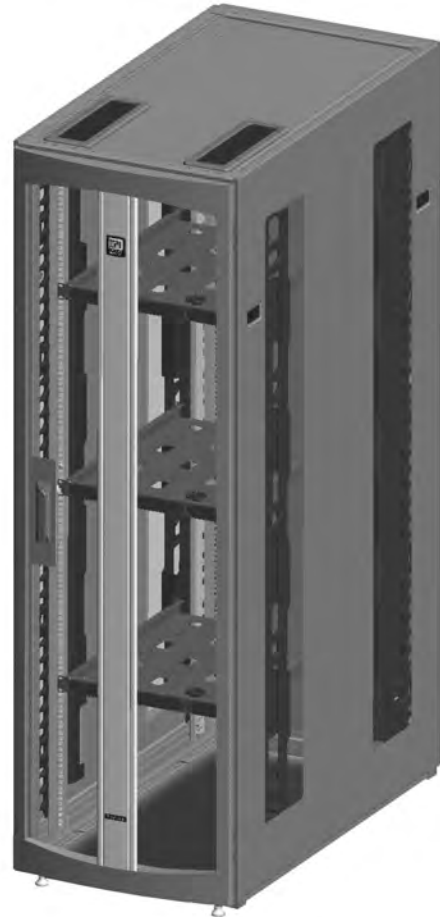
- Snap-In Filler Panels
- Rack-Mount Shelves
- Vertical Power Strips
- Electronic Locking System
- Remote Infrastructure Management (RIM-600) System
- LCD Monitor + Shelf
- Keyboard + Tray

Custom Configure

Select thermal and cable management to match your exact needs

Pre-Configured Solutions

Makes ordering easy



CPI's next generation F-Series TeraFrame™ Cabinet System has enhanced features that easily adapt to changing requirements and lets you configure a personalized solution that is delivered quickly to meet your busy schedule.

The F-Series TeraFrame organizes, stores and secures computer, data storage and network equipment in the data center, computer room or network environment. Every cabinet includes two pairs of adjustable depth equipment mounting rails that slide front-to-rear to provide critical front and rear support for equipment. Square-punched EIA-310-D compliant equipment mounting rails (the industry standard) guarantee compatibility with most rack-mount equipment. Plus, each RMU is marked and numbered on all mounting rails making it easy to locate and attach equipment.

The top panel has large brush-covered cable openings that will handle large bundles of cables while preventing undesirable hot air re-circulation. Upgrade to the Vertical Exhaust Duct as cabinet heat loads increase. Side panels have recessed, locking, spring-loaded latches and can be easily removed from the outside to access equipment. Cabinets can be bayed with side panels installed or uninstalled. Doors and side panels are either solid or perforated (mesh). Mounting rails, top panel, side panels and doors are electrically bonded to the cabinet frame. Doors feature a swing handle for better security. There are seven latch styles to choose from.

Combine the F-Series TeraFrame with thermal and cable management accessories to create a custom solution that fits your exact needs. See inside for product details. Contact CPI Technical Support or visit the CPI Website (www.chatsworth.com/configurator) for configuration assistance.

ORDERING INFORMATION

Use the part number configurator below to create a custom F-Series TeraFrame. Choose the **Height**, **Width**, **Depth**, **Rail Style**, **Front Door**, **Rear Door**, **Latch**, **Color**, **Top Panel Style** and **Side Panel Style**. *Example part number: FF1J-112A-C12*

F H W D - R FD RD L - C TP SP

| 1. Height | | | | | | |
|-----------|------|-------|------|------|---|--|
| Cabinet | | Frame | | Rail | | |
| in. | mm. | in. | mm. | RMU | | |
| 46.8 | 1189 | 46.6 | 1184 | 24 | A | |
| 67.8 | 1722 | 67.6 | 1717 | 36 | B | |
| 78.3 | 1989 | 78.1 | 1984 | 42 | C | |
| 80.0 | 2032 | 79.9 | 2029 | 43 | D | |
| 81.8 | 2078 | 81.6 | 2073 | 44 | E | |
| 83.5 | 2121 | 83.4 | 2118 | 45 | F | |
| 85.3 | 2167 | 85.1 | 2162 | 46 | G | |
| 87.0 | 2210 | 86.9 | 2207 | 47 | H | |
| 88.8 | 2256 | 88.6 | 2250 | 48 | J | |
| 90.5 | 2299 | 90.4 | 2296 | 49 | K | |
| 92.3 | 2344 | 92.1 | 2339 | 50 | L | |
| 94.0 | 2388 | 93.9 | 2385 | 51 | M | |

| 2. Width | | | | | | |
|----------|-----|------|------|-------|--|---|
| Cabinet | | Rail | | Frame | | |
| in | mm | EIA | in | mm | | |
| 23.6 | 600 | 19" | 23.6 | 600 | | 1 |

| Vertical Exhaust Duct | 3. Depth | | | | | | |
|-----------------------|----------|------|------|------|-------|------|---|
| | Cabinet | | Rail | | Frame | | |
| | in | mm | in | mm | in | mm | |
| | 35.3 | 897 | 28.6 | 726 | 31.5 | 800 | A |
| | 36.3 | 922 | 29.6 | 751 | 32.5 | 825 | B |
| | 37.3 | 947 | 30.6 | 776 | 33.5 | 850 | C |
| | 38.2 | 972 | 31.5 | 801 | 34.4 | 875 | D |
| | 39.2 | 997 | 32.5 | 826 | 35.4 | 900 | E |
| | 40.2 | 1022 | 33.5 | 851 | 36.4 | 925 | F |
| | 41.2 | 1047 | 34.5 | 876 | 37.4 | 950 | G |
| | 42.2 | 1072 | 35.5 | 901 | 38.4 | 975 | H |
| | 43.2 | 1097 | 36.5 | 926 | 39.4 | 1000 | J |
| | 44.2 | 1122 | 37.4 | 951 | 40.4 | 1025 | K |
| | 45.1 | 1147 | 38.4 | 976 | 41.3 | 1050 | L |
| | 46.1 | 1172 | 39.4 | 1001 | 42.3 | 1075 | M |
| | 47.1 | 1197 | 40.4 | 1026 | 43.3 | 1100 | N |
| | 48.1 | 1222 | 41.4 | 1051 | 44.3 | 1125 | P |
| | 49.1 | 1247 | 42.4 | 1076 | 45.3 | 1150 | R |
| | 50.1 | 1272 | 43.3 | 1101 | 46.3 | 1175 | T |
| | 51.0 | 1297 | 44.3 | 1126 | 47.2 | 1200 | U |

Note: See the worksheet at the bottom of page 5 to determine cabinet depth.

| 10. Side Panel Style ² | |
|-----------------------------------|----------------|
| 0 | None |
| 1 | Solid, 1 each |
| 2 | Solid, 2 each |
| 3 | Vented, 1 each |
| 4 | Vented, 2 each |

| 9. Top Panel Style ⁴ | |
|---------------------------------|---|
| 0 | None |
| 2 | Network, 4 Cable Openings |
| 4 | Server, 2 Cable Openings |
| 5 | Vertical Exhaust Duct System, 20"-34"H (508 mm - 863 mm) |
| 6 | Vertical Exhaust Duct System, 34"-60"H (863 mm - 1523 mm) |

Note: Use options 5 and 6 on 41.3" (1050 mm) to 47.2"D (1200 mm) cabinet frames with perforated front door, solid side panels and solid rear door.

| 8. Color | |
|----------|----------------|
| C | Black |
| D | Signature Blue |
| E | Glacier White |
| F | Steel Gray |

| 7. Latches (Door) ³ | |
|--------------------------------|--|
| A | Single-Point, Slam Latch, Keyed Lock |
| B | Single-Point, Cam Latch, Keyed Lock |
| C | Two-Point, Cam Latch, Keyed Lock |
| D | Single-Point, Cam Latch, Combination Lock |
| E | Two-Point, Cam Latch, Combination Lock |
| F | Single-Point, Electronic Keypad Lock |
| K | Single-Point, Slam Latch, Combination Lock |
| N | None (Use only when NO DOORS are selected) |

| 6. Rear Door ² | |
|---------------------------|--------------------------|
| 0 | None |
| 1 | Single, Solid Metal |
| 2 | Single, Perforated Metal |
| 3 | Double, Perforated Metal |

Note: Double door requires a two-point latch (C) or (E), see latches above.

| 5. Front Door ² | |
|----------------------------|--------------------------|
| 0 | None |
| 1 | Single, Perforated Metal |
| 2 | Single, Solid Lexan® |
| 3 | Single, Solid Metal |

| 4. Rail Style ¹ | |
|----------------------------|------------------------|
| 1 | Square-Punched, 2 Pair |
| 2 | Tapped, #12-24, 2 Pair |



Notes:

- Square-punched rails are preferred with rack-mount computer server and data storage equipment because the rails use snap-in cage nut hardware that can be changed to match equipment requirements.
- Combine perforated doors with solid side panels for front-to-back airflow in support of hot aisle/cold aisle layouts. Use solid doors and perforated side panels for side-to-side airflow required by some network switches. Use a perforated front door, solid rear door and solid side panels with the Vertical Exhaust Duct top panel for maximum cooling effect.
- All doors have swing handles and require a latch. Typically, the front and the rear door have the same latch. However, if you select a double rear door and a single-point latch, the double door will have the two-point cam latch (C) or (E) with the same type of lock as the front door. Also, on the electronic keypad lock (F), the keypad is integrated into the swing handle on the front door, but controls both the front and rear door latches. Slam latch engages when the door is pushed closed. Cam latch requires the handle to be turned to secure the door. Combination lock has a programmable three-digit combination and is opened with three dials on the handle or with a key. The electronic keypad requires a power connection, can be programmed with five combinations and is opened by entering the programmed access code on a nine-digit keypad on the front door handle. The electronic keypad cannot be used with double doors, does not keep a data log of access attempts and does not have a network connection. A networkable Electronic Locking System (ELS) is available as an accessory.
- There are three styles of top panel. Server top panels have two large cable openings. Server top panels on cabinets frames that are 41.3" (1050 mm) deep or deeper have a knockout for the Vertical Exhaust Duct. Network top panels have four large cable openings. Vertical Exhaust Duct System is only available for cabinet frames that are 41.3" (1050 mm) to 47.2"D (1200 mm). The system includes a top-mount Vertical Exhaust Duct, a Server Top Panel, an Airflow Director and a Rear Door Sealing Kit. Select from two duct height ranges: 20"-34" (508 mm - 863 mm) or 34"-60"H (863 mm - 1523 mm). Use with a solid rear door. See details on page 4.

Standard F-Series TeraFrame Cabinets that include any combination of the UL Listed accessories included on this data sheet are UL Listed under the NWIN (Information Technology and Communications Equipment) category per the UL60950 Standard, UL file number E227626.

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 or in air-handling spaces
- Includes:
 - Welded steel and bolted aluminum four-post frame
 - Equipment mounting rails, two pairs
 - Leveling Feet
 - Factory installed grounding/bonding system
 - Equipment mounting hardware
 - Brackets for mounting a 66"L (1680 mm) CPI Vertical Power Strip in 42 RMU to 47 RMU cabinets
- Equipment space: See Height, Width and Depth tables under Ordering Information
- Doors/latches:
 - Order with cabinet or as accessories
 - Front door is curved, rear door is flat
 - Door panel/insert is perforated (79% open), solid metal or tinted Lexan®
 - Locking with choice of latch and lock
 - Easy to remove at 90° open position
 - Reversible to open from the right or left
 - Front door opens 150° when bayed
 - Rear door opens 175° when bayed
- Side panels:
 - Order with cabinet or as accessories
 - Solid or vented panels with two recessed locking spring-loaded latches
- Top panels:
 - Network Top Panel has four 3" x 11.75" (76 mm x 292 mm) brush sealed openings and four 3" (76 mm) diameter cable openings with grommets, one each per corner.
 - Server Top Panel has two 3" x 11.75" (76 mm x 292 mm) brush sealed openings and two 3" (76 mm) diameter cable knockouts, one per corner. Order a pair of grommets (P/N 35021-000) separately to protect cables that will pass through the 3" (76 mm) diameter cable knockouts. The brush sealed openings can be located over the front or rear corners of the cabinet. Server Top Panels for cabinet frames that are 41.3"D (1050 mm) or deeper have an additional large, rectangular knockout for the Vertical Exhaust Duct and can be upgraded with a Vertical Exhaust Duct.
 - Vertical Exhaust Duct System includes a Server Top Panel. When the duct is used, the brush-sealed cable openings are positioned over the front corners of the cabinet and the 3" (76 mm) diameter cable knockouts cannot be used.
- Cable access:
 - Cabinet has an open base
 - Top panel cable capacities:
 - Server Top Panel has two 3" (76 mm) diameter knockouts and two 3" x 11.75" (76 mm x 292 mm) brush sealed opening
 - Network Top Panel has four 3" (76 mm) diameter knockouts and four 3" x 11.75" (76 mm x 292 mm) brush sealed openings
- Top panel cable capacities (50% fill):

| Opening | Area (in ²) | Area (m ²) | Cat 5e | Cat 6 | Cat 6a |
|--------------------|-------------------------|------------------------|--------|-------|--------|
| 3" diameter | 5.9 | .004 | 38 | 25 | 15 |
| 3" x 11.75" | 34.5 | .02 | 226 | 146 | 89 |

Note: Based on .220" (6 mm) OD Cat 5e, .275" (7 mm) OD Cat 6, .350" (9 mm) OD Cat 6a UTP cable.

- Equipment support: Two pairs of equipment mounting rails in the cabinet
 - 1-3/4" (44.45 mm) RMU marked and numbered bottom-to-top on all rails
 - 19"W, EIA-310-D Universal 5/8" - 5/8" - 1/2" (15.9 mm - 15.9 mm - 12.7 mm) vertical hole spacing
 - Threaded or square-punched holes; square-punched holes accept cage nuts
 - Adjustable depth, slide front-to-rear; depth marks on frame for easy alignment
 - Includes 50 each #12-24 screws with threaded rails or 25 each M6 cage nuts and screws with square-punched rails
- Load capacity: 2500 lb (1134.0 kg)
- Grounding/Bonding: Mounting rails, top panel, side panels and doors are electrically bonded to the cabinet frame; a Ground Terminal Block is included to attach the frame to ground
- Certifications: EIA-310-D compliant; UL Listed 60950
- Material: Steel and aluminum extrusion
- Construction: Welded/bolted frame, mounting rails bolt to frame
- Finish: Epoxy-polyester hybrid powder coat in Black, Signature Blue, Glacier White or Steel Gray

SERVICE PARTS

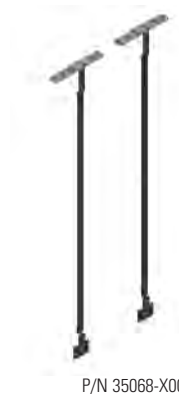
Service parts include mounting rails, top panels, side panels, doors and door latches and are used as replacement parts to upgrade cabinets as applications change.

When ordering service parts for your F-Series TeraFrame™ Cabinet, it is necessary to identify whether the frame construction is First Generation (Gen 1) or Second Generation (Gen 2) as not all components are designed to fit both. A TeraFrame Cabinet Frame Construction Guide can be found at www.chatsworth.com/teraframe or contact CPI Technical Support at 800-834-4969 or techsupport@chatsworth.com for additional assistance.

INSTALLATION PRODUCTS



| Part Number | Description | Shipping Weight |
|--------------------------------------|---|-----------------|
| Mounting Hardware, UL Listed | | |
| 40605-001 | Screws, #12-24, 50 pk., Zinc | 1 lb (0.5 kg) |
| 40605-005 | Screws, #12-24, 50 pk., Black | 1 lb (0.5 kg) |
| 12637-001 | Cage Nuts, M6, 25 pk., Gold | 1 lb (0.5 kg) |
| 12638-001 | Cage Nuts, #10-32, 25 pk., Zinc | 1 lb (0.5 kg) |
| 12639-001 | Cage Nuts, #12-24, 25 pk., Black | 1 lb (0.5 kg) |
| Baying Kit | | |
| 35069-X01 | Cabinet-to-Cabinet, Black | 3 lb (1.4 kg) |
| Floor Anchor Kits | | |
| 34587-001 | Floor Anchor Brackets, Set of 4 | 4 lb (1.8 kg) |
| 40604-003 | Installation Kit, Concrete Slab | 1 lb (0.5 kg) |
| Caster Kit | | |
| 35051-C01 | Set of 4 Casters | 21 lb (9.5 kg) |
| Grommets for Server Top Panel | | |
| 35021-000 | 3" (80 mm) Diameter Grommets, 1 Pair, Black | 1 lb (0.5 kg) |
| Accessories | | |
| 35058-001 | Hardware, M8 Drop-In Nut with Bolts | 3 lb (1.4 kg) |
| 34434-C01 | Kit, 66" Power Strip Bracket | 5 lb (2.3 kg) |



Baying/Spacer Kit

Bay and align 23.6"W (600 mm) cabinets over 24"W access floor tiles.

| Part Number | Description | Shipping Weight |
|-------------|------------------------------------|-----------------|
| 35068-X00 | 23.6" (600 mm) on 24" Tile, 24 RMU | 7 lb (3.2 kg) |
| 35068-X01 | 23.6" (600 mm) on 24" Tile, 36 RMU | 9 lb (4.1 kg) |
| 35068-X02 | 23.6" (600 mm) on 24" Tile, 42 RMU | 10 lb (4.5 kg) |
| 35068-X03 | 23.6" (600 mm) on 24" Tile, 43 RMU | 10 lb (4.5 kg) |
| 35068-X04 | 23.6" (600 mm) on 24" Tile, 44 RMU | 10 lb (4.5 kg) |
| 35068-X05 | 23.6" (600 mm) on 24" Tile, 45 RMU | 10 lb (4.5 kg) |
| 35068-X06 | 23.6" (600 mm) on 24" Tile, 46 RMU | 10 lb (4.5 kg) |
| 35068-X07 | 23.6" (600 mm) on 24" Tile, 47 RMU | 10 lb (4.5 kg) |
| 35068-X08 | 23.6" (600 mm) on 24" Tile, 48 RMU | 10 lb (4.5 kg) |
| 35068-X09 | 23.6" (600 mm) on 24" Tile, 49 RMU | 10 lb (4.5 kg) |
| 35068-X10 | 23.6" (600 mm) on 24" Tile, 50 RMU | 11 lb (5.0 kg) |
| 35068-X11 | 23.6" (600 mm) on 24" Tile, 51 RMU | 11 lb (5.0 kg) |

X=Color: C=Black, D=Signature Blue, E=Glacier White, F=Steel Gray



THERMAL MANAGEMENT

Thermal management is one of the greatest challenges in the data center today. The F-Series TeraFrame equipped with CPI Passive Cooling® Solutions helps you use the cold air you have more effectively by directing it through equipment where it is needed most. Combine perforated front and rear doors and solid side panels with an Air Dam Kit or Internal Air Duct and Snap-In Filler Panels for maximum effect in a hot aisle/cold aisle layout. Go beyond hot aisle/cold aisle with a solid rear door, Air Dam Kit and Vertical Exhaust Duct for high heat density loads. CPI Passive Cooling Solutions work in slab and access floor environments.

Vertical Exhaust Duct System Components

Upgrade your F-Series TeraFrame cabinet to a ducted exhaust cabinet by adding the Vertical Exhaust Duct System Components necessary to isolate and guide hot air out of the top of the cabinet. Combine the Vertical Exhaust Duct System Components with an Air Dam Kit and Snap-In Filler Panels in a cabinet with a perforated front door, solid side panels and a solid rear door to create front-to-top airflow through the duct. Connect the duct to a drop ceiling plenum to isolate the hot air return path and keep the room and equipment cooler.

- F-Series TeraFrame Cabinets 41.3"D (1050 mm) to 47.2"D (1200 mm) equipped with a Server Top Panel include a field removable knockout for use with a Vertical Exhaust Duct.
- Order the individual components separately to match your application requirements (Vertical Exhaust Duct, Airflow Director and a Rear Door Sealing Kit)
- Vertical Exhaust Duct telescopes to match ceiling height and has gaskets along the top edge to create a seal around the opening in the drop ceiling; two height ranges are available; short (P/N 34370-C00) and tall (P/N 34370-C01)
- Airflow Director (P/N 34570-C00) causes hot server exhaust air to flow upward from the base of the cabinet to the top of the cabinet
- Rear Door Sealing Kit (P/N 34573-000) seals the space between the solid rear door and the cabinet frame so hot air does not escape, but flows upward toward the duct

For best results, use the Vertical Exhaust Duct System Components on cabinets configured with a perforated front door, solid side panels, a solid rear door, an Air Dam Kit and Snap-In Filler Panels.



Air Dam Kit

Use with Snap-In Filler Panels to block airflow around the top, bottom and sides of equipment. Requires a front rail setback of 1.7" (43 mm). UL Listed.

| Part Number | Description | Shipping Weight |
|-------------|---------------------|-----------------|
| 34521-X02 | For 42 RMU Cabinets | 11 lb (5.0 kg) |
| 34521-X03 | For 43 RMU Cabinets | 12 lb (5.4 kg) |
| 34521-X04 | For 44 RMU Cabinets | 12 lb (5.4 kg) |
| 34521-X05 | For 45 RMU Cabinets | 12 lb (5.4 kg) |
| 34521-X06 | For 46 RMU Cabinets | 12 lb (5.4 kg) |
| 34521-X07 | For 47 RMU Cabinets | 12 lb (5.4 kg) |
| 34521-X08 | For 48 RMU Cabinets | 12 lb (5.4 kg) |
| 34521-X09 | For 49 RMU Cabinets | 12 lb (5.4 kg) |
| 34521-X10 | For 50 RMU Cabinets | 13 lb (5.9 kg) |
| 34521-X11 | For 51 RMU Cabinets | 13 lb (5.9 kg) |

X=Color: C=Black, D=Signature Blue, E=Glacier White, F=Steel Gray. Not available for 24 RMU and 36 RMU cabinets.

| Part Number | Description | Shipping Weight |
|-------------|--|-----------------|
| 34370-C00 | Vertical Exhaust Duct, 20"-34"H (508 mm - 863 mm) | 31 lb (14.1 kg) |
| 34370-C01 | Vertical Exhaust Duct, 34"-60"H (863 mm - 1523 mm) | 51 lb (23.1 kg) |

| Part Number | Description | Shipping Weight |
|-------------|------------------|-----------------|
| 34570-C00 | Airflow Director | 7 lb (3.2 kg) |

| Part Number | Description | Shipping Weight |
|-------------|-----------------------|-----------------|
| 34573-000 | Rear Door Sealing Kit | 4 lb (1.8 kg) |



P/N 34570-C01

Internal Air Duct

A passive duct (no fans) that moves additional cold air, up to 210 CFM at .1" of water (356 CMH at .02 kPa), from below the access floor to the top half of the cabinet to reduce hot spots in medium and high-density applications. Adjustable doors direct air to the front of equipment. The duct also blocks airflow around equipment so a separate Air Dam Kit is not required. Includes square-punched rails for the front of the cabinet that reduce front-to-rear rail-to-rail depth by 2.5" (64 mm). The depth of the frame must be at least 39.4" (1000 mm) if used with side panels. UL Listed.

| Part Number | Description | Shipping Weight |
|-------------|----------------------------|-----------------|
| 34470-C02 | For 42 RMU Cabinets, Black | 61 lb (27.7 kg) |
| 34470-C03 | For 43 RMU Cabinets, Black | 62 lb (28.1 kg) |
| 34470-C04 | For 44 RMU Cabinets, Black | 63 lb (28.6 kg) |
| 34470-C05 | For 45 RMU Cabinets, Black | 64 lb (29.0 kg) |
| 34470-C06 | For 46 RMU Cabinets, Black | 65 lb (29.5 kg) |
| 34470-C07 | For 47 RMU Cabinets, Black | 66 lb (29.9 kg) |
| 34470-C08 | For 48 RMU Cabinets, Black | 67 lb (30.4 kg) |
| 34470-C09 | For 49 RMU Cabinets, Black | 68 lb (30.8 kg) |
| 34470-C10 | For 50 RMU Cabinets, Black | 69 lb (31.3 kg) |
| 34470-C11 | For 51 RMU Cabinets, Black | 69 lb (31.3 kg) |



Notes: Uses the bottom 2 RMU in the cabinet. Not available for 24 RMU and 36 RMU cabinets.

Use on access floors only in cabinets without casters.

Snap-In Filler Panel

Panels block airflow through open spaces between equipment to help keep hot air at the back of the cabinet. Snap-In Filler Panels fit square-punched equipment mounting rails. UL Listed.

| Part Number | Description | Shipping Weight |
|-------------|-----------------------------|-----------------|
| 34537-000 | 19"W x 1 RMU, Black | 1 lb (0.5 kg) |
| 34538-000 | 19"W x 2 RMU, Black | 2 lb (0.9 kg) |
| 34537-001 | 19"W x 1 RMU, Black, 6 Each | 4 lb (1.8 kg) |
| 34538-001 | 19"W x 2 RMU, Black, 6 Each | 4 lb (1.8 kg) |

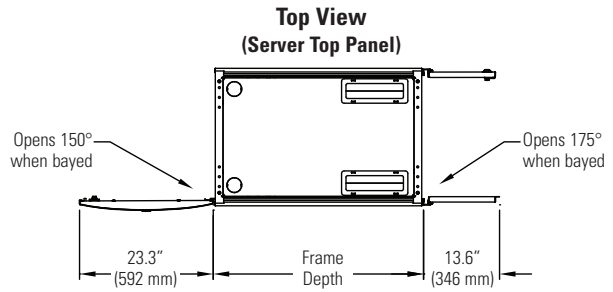


DIMENSIONS

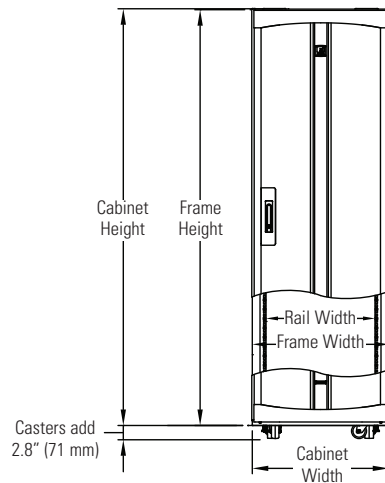
See Height, Width and Depth tables under Ordering Information on page 2.

Notes:

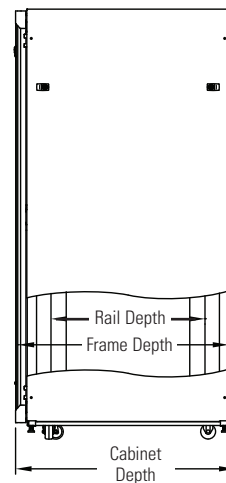
1. Cabinet Height, Width and Depth include top panel, side panels and doors.
2. Frame Height, Width and Depth do not include top panel, side panels and doors.
3. Rail Height is the number of RMU on the mounting rails.
4. Rail Width is the rack-mount width of the included equipment mounting rails.
5. Rail Depth is the maximum rail-to-rail depth within the cabinet.
6. Rails must be setback when accessories are added. This will reduce rail-to-rail depth. See the worksheet below to determine cabinet depth or use the online CPI Product Configurator at www.chatsworth.com/configurator.



Front View



Side View



Determine Cabinet Depth

Fill in the worksheet below to determine the required minimum depth of your cabinet/frame.

1. Determine what equipment and accessories you will use in the cabinet.

2. List the **Depth** of the deepest piece of equipment in the cabinet.

3. List the deepest **Rail Setback** at front of cabinet (see the table at right).

4. List the deepest **Rail Setback** at rear of cabinet (see the table at right).

5. Add the values above.

6. Select a cabinet from the ordering table on page 2 that has a **Rail Depth** equal to or greater than the result.

| Required Mounting Rail Setbacks for F-Series TeraFrame™ Accessories | | |
|---|------------|---------------|
| Accessory | Location | Rail Setback |
| Air Dam Kit | Front | 1.7" (43 mm) |
| Internal Air Duct | Front | 2.5" (64 mm) |
| Airflow Director | Rear | 8.7" (221 mm) |
| Vertical Cable Manager w/Short Fingers | Front/Rear | 4.5" (114 mm) |
| Dual Vertical Power Strip Manager | Rear | 6.3" (160 mm) |
| Quad Vertical Power Strip Manager | Rear | 8.7" (221 mm) |
| Narrow Vertical Power Cord Manager | Rear | 6" (152 mm) |
| Wide Vertical Power Cord Manager | Rear | 11" (279 mm) |

Notes:

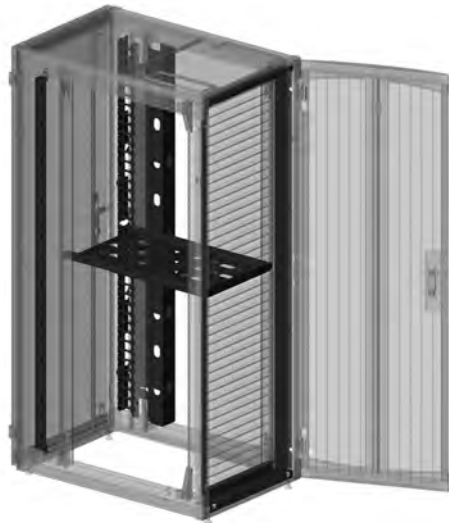
1. Vertical Cable Managers cannot be used in the front of the cabinet when Air Dam Kit or Internal Air Duct are used in the front of the cabinet.
2. When Internal Air Duct is used in a cabinet with installed side panels, the frame must be a minimum of 39.4"D (1000 mm).
3. When a Vertical Cable Manager is used with Airflow Director or Quad Vertical Power Strip Manager in a cabinet with installed side panels, the frame must be a minimum of 34.4"D (875 mm).
4. When a Vertical Cable Manager is used with Wide Vertical Power Cord Manager in a cabinet with installed side panels, the frame must be a minimum of 39.4"D (1000 mm).
5. Vertical Exhaust Duct System includes an Airflow Director.





CABLE MANAGEMENT

Organizing cables is critical to maintaining equipment because organized cables can be easily traced during a move, add or change and do not block airflow through equipment. The F-Series TeraFrame has specialized network and power cable managers that keep power and network cables separated. The Vertical Cable Manager features patented T-shaped cable guides and openings that align with each RMU on the cabinet's equipment mounting rail. The Vertical Power Manager creates a space for one, two or four CPI power strips and has tie points for power cords.



Vertical Power Strip Manager

Create a separate pathway specifically for two or four CPI power strips along the side of the cabinet. Supports CPI Vertical Power Strips for Cabinets (P/N 128XX-XXX, 131XX-XXX and 132XX-XXX). Attaches to the cabinet frame and adjusts in depth to match equipment. The Dual Vertical Power Strip Manager is C-shaped, 4.3"W x 1"D (110 mm x 25 mm), requires a 6.3" (160 mm) rail setback and supports two CPI power strips. The Quad Vertical Power Strip Manager is S-shaped, 8.4"W x 1.7"D (213 mm x 43 mm), requires an 8.7" (221 mm) rail setback and supports four CPI power strips. See diagram at left. UL Listed.



| Part Number | | Description | Shipping Weight ¹ |
|-------------|-----------|----------------------------|------------------------------|
| Dual | Quad | | |
| 34595-C01 | 34596-C01 | For 36 RMU Cabinets, Black | 14 lb (6.4 kg) |
| 34595-C02 | 34596-C02 | For 42 RMU Cabinets, Black | 14 lb (6.4 kg) |
| 34595-C03 | 34596-C03 | For 43 RMU Cabinets, Black | 15 lb (6.8 kg) |
| 34595-C04 | 34596-C04 | For 44 RMU Cabinets, Black | 15 lb (6.8 kg) |
| 34595-C05 | 34596-C05 | For 45 RMU Cabinets, Black | 15 lb (6.8 kg) |
| 34595-C06 | 34596-C06 | For 46 RMU Cabinets, Black | 15 lb (6.8 kg) |
| 34595-C07 | 34596-C07 | For 47 RMU Cabinets, Black | 16 lb (7.3 kg) |
| 34595-C08 | 34596-C08 | For 48 RMU Cabinets, Black | 16 lb (7.3 kg) |
| 34595-C09 | 34596-C09 | For 49 RMU Cabinets, Black | 16 lb (7.3 kg) |
| 34595-C10 | 34596-C10 | For 50 RMU Cabinets, Black | 16 lb (7.3 kg) |
| 34595-C11 | 34596-C11 | For 51 RMU Cabinets, Black | 17 lb (7.7 kg) |

Note: The 36 RMU versions (-C01) will only support 38.5" high vertical power strips. 1. Shipping weights are for quad manager.

Vertical Power Cord Manager

Creates a separate pathway specifically for CPI power strips and power cords along the side of the cabinet. Supports CPI Vertical Power Strips for Cabinets (P/N 128XX-XXX, 131XX-XXX and 132XX-XXX). Attaches to the cabinet frame and adjusts in depth to match equipment. The narrow manager is L-shaped, 2.5"W x 2.5"D (63 mm x 63 mm), requires a 6" (152 mm) rail setback and supports a single CPI power strip. The wide manager is C-shaped, 8"W x 2"D (203 mm x 51 mm), requires an 11" (279 mm) setback and supports two CPI power strips. See diagram. UL Listed.



| Part Number | | Description | Shipping Weight ¹ |
|-------------|-----------|----------------------------|------------------------------|
| Narrow | Wide | | |
| 34581-C42 | 34582-C42 | For 42 RMU Cabinets, Black | 15 lb (6.8 kg) |
| 34581-C43 | 34582-C43 | For 43 RMU Cabinets, Black | 16 lb (7.3 kg) |
| 34581-C44 | 34582-C44 | For 44 RMU Cabinets, Black | 16 lb (7.3 kg) |
| 34581-C45 | 34582-C45 | For 45 RMU Cabinets, Black | 16 lb (7.3 kg) |
| 34581-C46 | 34582-C46 | For 46 RMU Cabinets, Black | 16 lb (7.3 kg) |
| 34581-C47 | 34582-C47 | For 47 RMU Cabinets, Black | 16 lb (7.3 kg) |
| 34581-C48 | 34582-C48 | For 48 RMU Cabinets, Black | 17 lb (7.7 kg) |
| 34581-C49 | 34582-C49 | For 49 RMU Cabinets, Black | 17 lb (7.7 kg) |
| 34581-C50 | 34582-C50 | For 50 RMU Cabinets, Black | 17 lb (7.7 kg) |
| 34581-C51 | 34582-C51 | For 51 RMU Cabinets, Black | 17 lb (7.7 kg) |

1. Shipping weights are for wide manager.

Power Strip Mounting Bracket Kit

Attach non-CPI power strips or PDUs to the Wide Vertical Power Cord Manager with this hardware kit. UL Listed.



| Part Number | Description | Shipping Weight |
|-------------|-------------------------|-----------------|
| 34407-C01 | Mounting Bracket, Black | 4 lb (1.8 kg) |



| Estimated Capacity (50% fill) | | |
|-------------------------------|-------|--------|
| Cat 5e | Cat 6 | Cat 6a |
| 52 | 33 | 20 |

Rack-Mount Cable Shelf

This 19"W x 1 RMU shelf extends 22" (558 mm) to 40" (1016 mm) and has brush openings for cables along the front panel. Use with Air Dam Kit or Internal Air Duct to create a front-to-back pathway for cables without compromising the critical one-way airflow through the cabinet. The shelf also provides slack management for fiber patch cords. The front of the shelf has one large 6"W x .7"H (152 mm x 18 mm) opening and two smaller 3"W x .7"H (76 mm x 18 mm) openings. Openings have a total cable pass-through area of 8 in² (.005 m²). UL Listed.

| Part Number | Description | Shipping Weight |
|-------------|---------------------|-----------------|
| 13517-701 | 19"W x 1 RMU, Black | 17 lb (7.7 kg) |

Power Cord Management Kit

Add to the Wide Vertical Power Cord Manager to take up power cable slack. Includes six cable spools and six Saf-T-Grip® Cable Management Straps. UL Listed.



| Part Number | Description | Shipping Weight |
|-------------|--------------------------------------|-----------------|
| 34413-C01 | 6 Spools, 6 Saf-T-Grip Straps, Black | 2 lb (0.9 kg) |

Vertical Cable Manager

Attaches to the equipment mounting rail and adjusts with equipment along the side of the cabinet. T-shaped cable fingers guide cables into each RMU. The Vertical Cable Manager is .76"W x 9.3"D (19 mm x 236 mm), has an interior area of 7.1 in² (.004 m²) and requires a minimum rail setback of 4.5" (115 mm). UL Listed.



| Estimated Capacity (50% fill) | | |
|-------------------------------|-------|--------|
| Cat 5e | Cat 6 | Cat 6a |
| 46 | 30 | 18 |

| Part Number | Description | Shipping Weight |
|-------------|----------------------------|-----------------|
| 34416-C01 | For 24 RMU Cabinets, Black | 5 lb (2.3 kg) |
| 34417-C01 | For 36 RMU Cabinets, Black | 8 lb (3.6 kg) |
| 34418-C01 | For 42 RMU Cabinets, Black | 10 lb (4.5 kg) |
| 34419-C01 | For 43 RMU Cabinets, Black | 10 lb (4.5 kg) |
| 34420-C01 | For 44 RMU Cabinets, Black | 10 lb (4.5 kg) |
| 34421-C01 | For 45 RMU Cabinets, Black | 10 lb (4.5 kg) |
| 34422-C01 | For 46 RMU Cabinets, Black | 11 lb (5.0 kg) |
| 34423-C01 | For 47 RMU Cabinets, Black | 11 lb (5.0 kg) |
| 34424-C01 | For 48 RMU Cabinets, Black | 11 lb (5.0 kg) |
| 34425-C01 | For 49 RMU Cabinets, Black | 11 lb (5.0 kg) |
| 34426-C01 | For 50 RMU Cabinets, Black | 12 lb (5.4 kg) |
| 34427-C01 | For 51 RMU Cabinets, Black | 12 lb (5.4 kg) |

Note: When used with side panels, maximum rail setback is half of the frame depth minus 8.4" (213 mm).

