

PRODUCT APPLICATION

F-Series TeraFrame for General Purpose Mixed-Use (F300-X)

The F300 F-Series TeraFrame™ Cabinet System Solution Bundle by Chatsworth Products, Inc. (CPI) is used in data centers, computer rooms or network equipment rooms to store servers and network equipment with a combined heat load that is between 1 kilowatt and 2 kilowatts per cabinet. F300 supports front-to-back airflow and includes cable and power management for a mix of servers, network equipment or cabling. F300 does not include a power strip.

F-Series TeraFrame Cabinet

27.6"W (700 mm) x 83.4"H (2118 mm) x 39.4"D (1000 mm)
steel welded frame supports 2000 lb (907 kg)

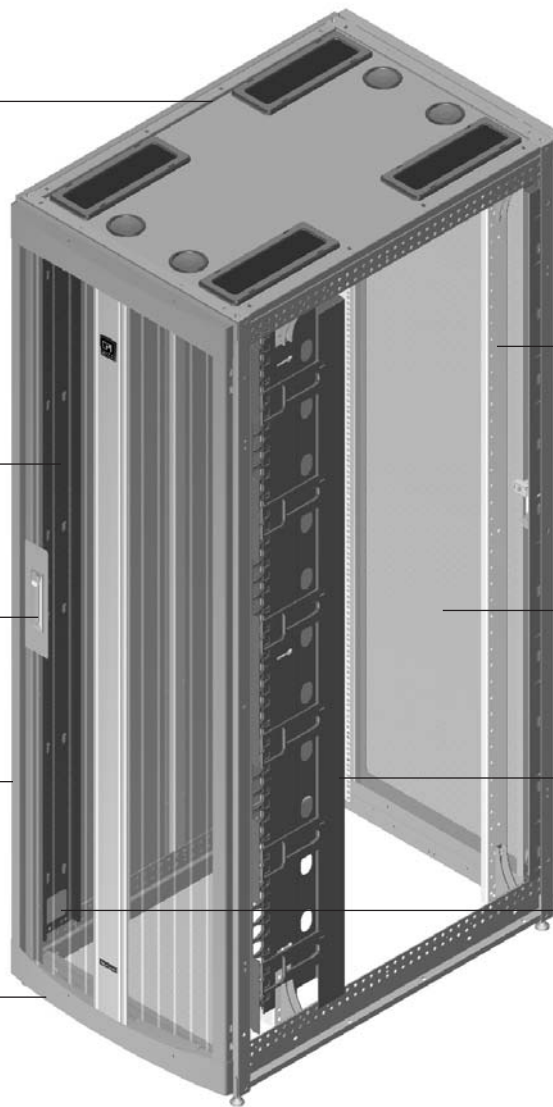
Network Top Panel – plenty of cable access with four 3" (80 mm) diameter ports for power cables and four large 3" x 11.5" (80 mm x 290 mm) brush-sealed openings for up to 880 Category 6a 4-pair patch cords or network cables (220 cables per opening). *Use accessory KoldLok® Raised Floor Grommets to seal cable openings in raised floor access tiles*

Perforated Front Door – the 79% open honeycomb pattern maximizes airflow into the cabinet

Slam Latch – both doors have swing handles and unique keyed single-point slam latches that engage when the doors are closed

Solid Side Panels – dual recessed locking latches keep equipment secure and allow easy side-by-side baying of cabinets. Solid Side Panels help block the transfer of hot exhaust air between bayed cabinets

Integrated Grounding and Bonding System – the 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



Square-Punched Equipment Mounting Rails – two pairs of industry-standard 19" wide mounting rails provide front and rear support for equipment. RMU spaces are marked and numbered on the rails. Rails are set 29" (736 mm) apart [30" (762 mm) max. spacing] and provide 45 RMU for equipment. Square-punched mounting holes let you change mounting hardware (cage nuts) to match equipment requirements. *Use accessory Snap-In Filler Panels to seal open RMU spaces*

Perforated Rear Door – hot exhaust air exits the cabinet through the rear door

Vertical Cable Manager – rounded T-shaped fingers guide cables into cable openings that align with each RMU space

Dual Vertical Power Strip Manager – support two power strips for full power redundancy

PRODUCT APPLICATION SHEET

SOLUTION OVERVIEW

- F300 is pre-configured for easy ordering, just choose a color
- F300 is slightly wider than a standard access floor tile to provide extra space for network and power cables
- F300 includes a Vertical Cable Manager and a Dual Vertical Power Strip Manager that keep network and power cables separate and organized; add up to two CPI vertical power strips to match your requirements
- F300 includes a perforated front and rear door to let cold air into the front of the cabinet and hot air out of the back of the cabinet

ORDERING INFORMATION

Part Number	Description
F300-X	(1) FF2J-112A-X22, TeraFrame Cabinet: (1) Frame, 27.6" (700 mm) x 45 RMU x 39.4" (1000 mm) (1) Network Top Panel (2) Solid Side Panels (1) Perforated Front Door (1) Single Perforated Rear Door (2) Single-Point Keyed Slam Latches, on doors (4) Square-Punched Equipment Mounting Rails (1) Grounding/Bonding System (4) Leveling Feet (4) Floor-Mount Brackets (25) M6 Cage Nuts and Screws (1) 34441-C51, Vertical Cable Manager, Black (1) 34595-C05, Dual Vertical Power Strip Manager, Black

X=color: C=Black, D=Signature Blue, E=Glacier White, F=Steel Gray
Attach F300 to the floor with 3/8" hardware

RECOMMENDED ACCESSORIES:

- **Snap-In Filler Panels** – use to close open spaces and block airflow through the cabinet. Snap-In Filler Panels are available in 1 RMU and 2 RMU heights

Part Number	Description
34537-001	Snap-In Filler Panel, 1 RMU, Black, 6 Each
34538-001	Snap-In Filler Panel, 2 RMU, Black, 6 Each

- **KoldLok® Raised Floor Grommet** – use to block airflow through cable access holes in access floor tiles when the access floor is used to deliver cold air to cabinets. The 4"x 8" (100 mm x 200 mm) cable opening is large enough for power plugs and large cable bundles

Part Number	Description
13571-002	Integral Grommet, Black, Box of 10

- **Baying Kit** – use the Baying Kit to attach two F300 side-by-side

Part Number	Description
34431-X01	Baying Kit

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



Snap-In Filler Panels



KoldLok Raised Floor Grommet

Not exactly what you need? For complete information visit www.chatsworth.com/teraframe or use the online Product Configurator at www.chatsworth.com/configurator to create your own solution.