F-Series TeraFrame® Gen 3 Cabinet System

In today's data center, the cabinet is an integral part of the data center architecture. The newest generation of F-Series TeraFrame features improvements that keep pace with today's Enterprise Data Center environment. Available in a wide range of standard sizes and configurations, the F-Series TeraFrame Gen 3 features an enhanced frame design, new sizes and panels, easier equipment rail adjustment and smarter airflow management.

This extensive list of improvements makes the F-Series TeraFrame one of the most advanced cabinets on the market, and it is made with the quality you know and trust from Chatsworth Products (CPI).

Patented Vertical Exhaust Duct

☑ Meets new UL Listing specifically developed for data center cabinets, with standardized testing of 3,000 lb and tested to 4x weight capacity.

UL2416 Listed

**Same footprint.
Improved functionality.**

The TeraFrame Gen 3 footprint is very similar to the Gen 2 shown in this overlay illustration. Although similar, the TeraFrame Gen 3 design improvements feature more sizes, a higher load capacity and provide additional options to meet exact facility requirements.

See next page for more enhancements.
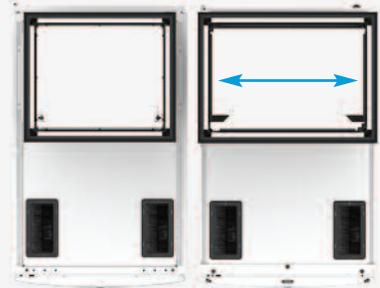
Airflow and ease-of-installation enhancements make the TeraFrame one of the most advanced cabinets available.

TeraFrame Gen 2
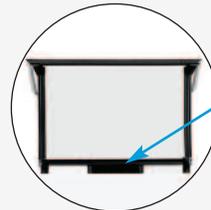
TeraFrame Gen 3

Patented Vertical Exhaust Duct

Airflow and Ease-of-Installation

☑ A wider Vertical Exhaust Duct on 800 mm models improves airflow and allows for higher kW.

☑ Two-Piece Top Panel is scalable to migrate to a Vertical Exhaust Duct at a later date; the front top panel remains, but rear section is replaced by the Vertical Exhaust Duct.

☑ Vertical Exhaust Duct now has a power cord whip entry, which allows access through the vertical exhaust duct panel. U.S. patents apply to this product. For details visit www.chatsworth.com/patents

☑ Bottom panel and Air Director included with Vertical Exhaust Duct configurations.

☑ Casters are now included and ship installed on all cabinets; leveling feet on previous generations can be adjusted to match the height of the new generation.

☑ Accessible from inside the cabinet frame, the tooled hex drive leveling feet allow adjustment with 5 mm hex ball driver, which is attached to drill/driver, and is outside of the EIA path.
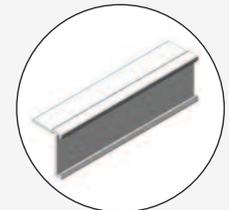
☑ The included terminal block can mount at the top, bottom, front and rear; no additional preparation required.

☑ Improved front door hinge design and spring loaded hinge pin allows quick and effortless door removal and installation.

☑ 52U (rack-mount spaces) available as a standard height.

☑ Convenient cabinet labeling provided with a dedicated holder to provide cabinet ID and IP address.

TeraFrame Gen 2 Cabinet Side View

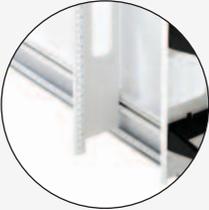**TeraFrame Gen 3 Cabinet, 6-Slide Side View**

This overlay compares the TeraFrame Gen 2 and Gen 3 frames to illustrate the added improvements, which feature a new center third rail and a 6-slide frame style that increases the cabinet's equipment load bearing capacity.
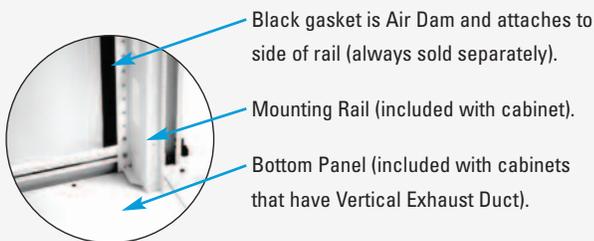
New Frame Style, Panels and Rails

☑ Half-height side panels are easier to handle, decrease weight and reduce damage incidents.

☑ 6-slide frame style supports rails mid-height, allowing increased load ratings and half-height accessories.

☑ Improved slide design and reduced hardware simplifies rail adjustment and can reduce labor requirements by as much as 60%.

Better Seal and Functionality

☑ Optional adjustable depth Air Dam adjusts with rails and eliminates gap at the top and bottom of rails, and is compatible with all types of cable management.

☑ Dual plane bottom panel paired with the air dam eliminates leakage underneath front rails, while allowing depth adjustment. The rear section is lower to allow full height PDUs with ample cord clearance.

Black gasket is Air Dam and attaches to side of rail (always sold separately).

Mounting Rail (included with cabinet).

Bottom Panel (included with cabinets that have Vertical Exhaust Duct).

☑ Air Dam (sold separately) reduces airflow leakage around mounting rails with a flexible gasket against the side panels and solid plugs inside rail slides.

☑ Rail pass through grommets allow dedicated cabling pathway front-to-rear with reduced airflow leakage on 700 & 800 widths, and the rubber rail hole covers provide scalable front-to-rear pathways with improved sealing capability as the grommet is cut to fit.

Configure Your F-Series TeraFrame Gen 3
Use CPI's online Configurator to guide you through the steps and selections necessary to create personalized product solutions. Visit www.chatsworth.com/configurator.

CHATSWORTH PRODUCTS