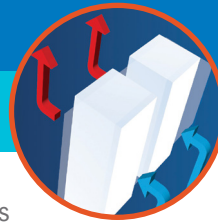


PRODUCT SOLUTIONS BRIEF
CHATSWORTH PRODUCTS

MICRO DATA CENTER THERMAL EFFICIENCY



Through our strong global partnerships and alliances with manufacturers such as Chatsworth (CPI), we are able to present you with the following offering to meet your specific data center requirements.

F-Series TeraFrame® HD Cabinet System

CPI's F-Series TeraFrame HD Cabinet System is designed to ship fully loaded with equipment directly from an Anixter integration partner to a customer site, and supports a heavier load than the standard cabinet. The system helps organize, store and secure computer, data storage and network equipment in the data center, computer room or network environment.



Heavy-duty cabinet designed for safe transportation of up to 3,000 lb. (1360 kg) of electronic equipment

CHALLENGE SOLVERS

- Minimize installation time with an optional bolt-down kit that securely anchors the cabinet to the floor structure and can be installed prior to the cabinet's arrival
- Safely transports up to 3,000 lb. (1360 kg) of electronic equipment direct from an Anixter integration partner to a customer's data center
- Heavy-duty welded steel ramp provides a safe method for unloading the cabinet from the pallet upon arrival at the installation site
- Thermal management accessories help guide airflow through the cabinet to prevent re-circulation of hot exhaust air through equipment
- Customizable cable management options define specific separate pathways for network and power cabling to help maintain required cable bend radii and to organize and store cable slack so that it does not interfere with airflow pathways

THE ANIXTER APPROACH

- **Airflow segregation**
 Segregate airflow to and from the IT load by using techniques based on room design and cabinet power density.
- **Airflow control**
 Use data from the cooling system to control EC fans that compensate the IT load in real time.

THE CPI SOLUTION

CABINET HEIGHT	CABINET DEPTH	AIRFLOW MANAGEMENT
42U 45U 47U	42.3 in. (1075 mm) 47.2 in. (1200 mm)	Solid or perforated rear door Vertical exhaust duct system Air dam kit Snap-in filler panel

anixter.com/shopcpi



CHATSWORTH PRODUCTS

WHAT WE HEAR

Challenges from various data center stakeholders:



Cabinet densities are **INCREASING**



Operational **BUDGET CUTS** year on year



Lack of **AIRFLOW MANAGEMENT**



Overwhelming **DESIGN** considerations



Matching **COOLING** to IT load

Infrastructure as a Platform
 by Anixter

Infrastructure as a Platform by Anixter provides an investigative methodology that uncovers gaps in your data center thermal management strategy and helps you reclaim stranded capacity.

CONFIGURE

We help you discover and map your specific needs to the best solution.

- Height/width/depth
- Rear door style
- Thermal management
- Cable management

BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- Saf-T-Grip® straps
- Clik-Nut™ hardware kit
- Rack-mount PDUs
- Cable managers

DEPLOY

Controlled, repeatable solutions are delivered on time and under budget.

- Custom packaging and labeling
- Time-sensitive delivery options
- Staged project shipping
- Tailored last-mile delivery

CPI TERAFRAME HD FEATURES

✓ MITIGATE RISK OF EQUIPMENT FAILURE

- Designed for safe transportation of up to 3,000 lb. (1360 kg)
- Heavy-duty casters with roller bearings for superior long-term performance under load
- Brush-covered cable openings handle large cable bundles while preventing hot air recirculation
- Mounting rails, top panel, side panels and doors are electrically bonded to frame

✓ BETTER CONTROL OF AIRFLOW

- Optional vertical exhaust duct available for high-density applications
- Air dam kit blocks airflow around the top, bottom and sides inside the cabinet
- Bottom panel blocks airflow into and out of the base of the cabinet
- Snap-in filler panels to seal any open rack-mount spaces in the cabinet



Reusable cushioned carton with optional heavy-duty steel unloading ramp to help safely remove the cabinet at the installation site

> FOR MORE DETAILS VISIT ANIXTER.COM/SHOPCPI

About Anixter: anixter.com/aboutus
Legal Statement: anixter.com/legalstatement

At Anixter, we enable the connected world. By building, connecting, protecting and powering valuable assets and critical infrastructures, we help to sustain and grow businesses and communities worldwide. We accomplish this by offering full-line solutions, technical intelligence, supply chain expertise and an unmatched global distribution network.

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