

# Frequently Asked Questions

## F-Series TeraFrame® HD Cabinet System



**Q. How is the F-Series TeraFrame® HD Cabinet different than the standard F-Series TeraFrame Cabinet?**

A. The F-Series TeraFrame HD Cabinet is designed to ship fully loaded with equipment from an integrator's facility to a customer site and supports a heavier load than the standard cabinet. The HD Cabinet has a different frame than the standard cabinet and includes heavy duty casters, reinforced corner posts and an extra front-to-rear rail support on each side to support the additional load. The casters are heavy-duty nylon glass-filled casters with roller bearings that will not compress under full load. The Server Top Panel has a removable cover instead of a knockout over the attachment point for the Vertical Exhaust Duct, allowing easier installation or retrofit of the duct. Additionally, the HD Cabinet ships on a shock pallet with a reusable carton.

**Q. Has the F-Series TeraFrame HD Cabinet been tested and certified to support the stated 3,000 lb (1360 kg) load?**

A. Yes, the F-Series TeraFrame HD Cabinet was third-party tested and certified to meet three test standards which simulate typical stresses experienced by freight in transit:

- Telcordia Technologies Generic Requirements GR-63-CORE, Issue 3, March 2006, Paragraph 5.4.3, Curve 1 which subjects a fully loaded and packaged cabinet to random vibrations on a shaker table to simulate typical vibrations experienced by freight that is in transit
- ISTA 3E 2006, Test #3 which subjects a fully loaded and packaged cabinet to an inclined impact to simulate a collision with another piece of freight which may be experienced when moving the cabinet or transit
- ISTA 3E 2006, Test #4 which subjects a fully loaded and packaged cabinet to a rotational edge drop to simulate mishandling in transit and warehouse operations. It mimics a partial tip over or heavy bounce due to forks being lowered too quickly when moving the cabinet

**Q. Is F-Series TeraFrame HD Cabinet seismic-rated?**

A. No, the F-Series TeraFrame HD Cabinet is not seismic-rated.

**Q. Can F-Series TeraFrame HD Cabinet use all of the standard F-Series TeraFrame Cabinet accessories?**

A. No, the F-Series TeraFrame HD Cabinet has a different frame than the standard F-Series TeraFrame Cabinet. As a result, some standard F-Series TeraFrame Cabinet accessories cannot be used with the HD Cabinet, and there are also some HD-specific accessories. Contact Technical Support for assistance as required.



F-Series TeraFrame HD Cabinet shown with Bottom Panel installed.



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### Q. Which standard F-Series TeraFrame® Cabinet Accessories can be used with the F-Series TeraFrame HD Cabinet?

A. The table below lists the standard F-Series TeraFrame Cabinet Accessories that can be used with the F-Series TeraFrame HD Cabinet.

Standard F-Series TeraFrame Accessories that can be used with the F-Series TeraFrame HD Cabinet	TeraFrame Part Number
Vertical Exhaust Duct, 20" - 34"H (508 mm - 863 mm)	34370-C00
Vertical Exhaust Duct, 34" - 60"H (863 mm - 1523 mm)	34370-C01
Airflow Director	34570-C00
Rear Door Sealing Kit	34573-000
Rack-Mount Cable Shelf	13517-701
Narrow Baying Kit	35079-C02
Dual Vertical Power Strip Manager, 42U	34595-C02
Dual Vertical Power Strip Manager, 45U	34595-C05
Dual Vertical Power Strip Manager, 47U	34595-C07
Equipment Mounting Hardware, Cage Nuts and Screws, M6, 25 Pack, Gold	12637-001
Equipment Mounting Hardware, Cage Nuts and Screws, #10-32, 25 Pack, Zinc	12638-001
Equipment Mounting Hardware, Cage Nuts and Screws, #12-24, 25 Pack, Black	12639-001

### Q. Which standard F-Series TeraFrame Cabinet Accessories cannot be used by the F-Series TeraFrame HD Cabinet?

A. The table below lists standard F-Series TeraFrame Cabinet Accessories that cannot be used with the F-Series TeraFrame HD Cabinet and TeraFrame HD specific substitutions where applicable.

Standard F-Series TeraFrame Accessories that cannot be used with the F-Series TeraFrame HD Cabinet	TeraFrame Part Number	TeraFrame HD Part Number
Air Dam Kit	34521-X0X	16270-C0X
Internal Air Duct	34470-XXX	-
Bottom Panel Kit	35085-XXX	16278-C01
Vertical Cable Manager	34416-C01 thru 34427-C01	-
Vertical Cable Ring Manager	35100-CXX	16275-C0X
PDU/Power Strip Lashing Bracket	35086-C0X	16274-C0X
Cable Lashing Bracket	35087-C0X	16273-C0X
Zero Spacing Baying Kit	35078-001	-
24" (610 mm) Baying Brackets	35079-X01	-
Baying & Fascia Kit	35080-XXX	16271-C0X
Seal Kit for Zero Spacing Baying Kit, one or no side panels	35078-001	-
Seal Kit for Narrow Baying Kit, one or no side panels	35081-003	-
Seal Kit for 24" Baying & Fascia Kit, one or no side panels	35081-001	-
Seal Kit for 24" Baying & Fascia Kit, no side panels	35081-002	-
Quad Vertical Power Strip Manager	34596-CXX	-
Power Strip Bracket Kit	34434-C01	-

Standard F-Series TeraFrame Accessories that cannot be used with the F-Series TeraFrame HD Cabinet	TeraFrame Part Number	TeraFrame HD Part Number
Narrow Vertical Power Cord Manager	34581-CXX	-
Wide Vertical Power Cord Manager	34582-CXX	-
Power Cord Management Kit	34413-C01	-
PDU Mounting Bracket Kit	34407-C01	-
Floor Anchor Brackets	34587-001	16279-C01
Caster Kit	35051-C01	-
Equipment Mounting Hardware Screws, #12-24, 50 Pack, Zinc	40605-001	-
Equipment Mounting Hardware Screws, #12-24, 50 Pack, Black	40605-005	-
Equipment Mounting Rails, Square-Punched	35009-0XX	-
Equipment Mounting Rails, Tapped, #12-24	35008-0XX	-

### Q. Which F-Series TeraFrame HD Cabinet Accessories cannot be used by the standard F-Series TeraFrame Cabinet?

A. The table below lists F-Series TeraFrame HD Cabinet Accessories that cannot be used with the standard F-Series TeraFrame Cabinet and substitutions where applicable.

F-Series HD TeraFrame Accessories that cannot be used with the standard F-Series TeraFrame Cabinet	TeraFrame HD Part Number	TeraFrame Part Number
Air Dam Kit	16270-C0X	34521-X0X
Bottom Panel Kit	16278-C01	35085-XXX
Vertical Cable Lashing Bar	16272-C0X	-
Vertical Cable Ring Manager	16275-C0X	35100-CXX
PDU/Power Strip Lashing Bracket	16274-C0X	35086-C0X
Cable Lashing Bracket	16273-C0X	35087-C0X
Baying & Fascia Kit	16271-C0X	35080-XXX
Unloading Ramp	16280-C01	-
Bolt-Down Kit	16279-C01	-
Side Skirt Kit	16277-C1X	-

### Q. Will CPI install thermal and cable management accessories in an F-Series TeraFrame HD Cabinet prior to shipping the cabinet to the integrator's facility? If so, how is this order arranged?

A. Yes, certain accessories can be shipped installed in the cabinet others can be packaged and included with the cabinet. Contact CPI Technical Support for assistance. Be sure to designate exact placement of accessories and spacing for the mounting rails.

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**Q. Can CPI ship some components to the integrator's facility and some components to the data center?**

A. Yes, this is the preferred method for delivering the F-Series TeraFrame® HD Cabinet. Generally, the cabinet and any installed thermal, cable or power management accessories ship to the integrator's facility. The ramp, bolt-down kits and other installation accessories ship to the data center.

