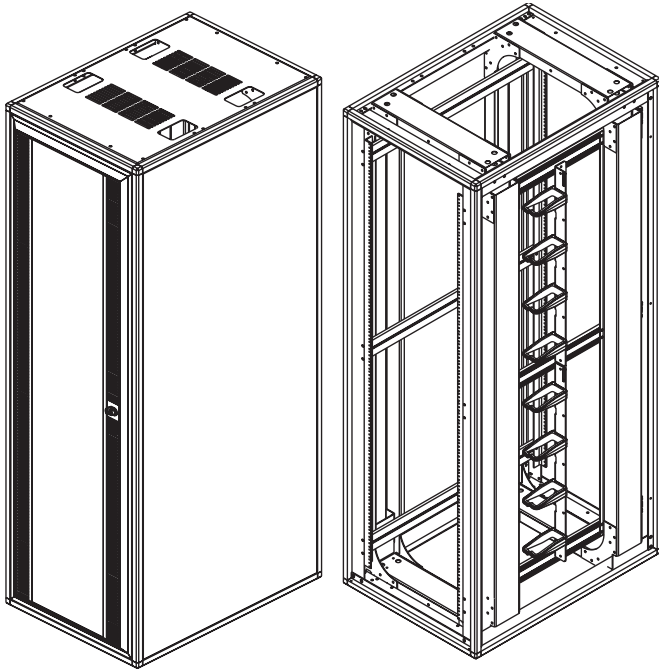


# Frequently Asked Questions

## Seismic Frame™ Cabinet System



84"H x 19"W x 36"D Cabinet		
Part Number	Cabinet Door Style	
	Front	Rear
11972-X02	No Front	No Rear
11972-X12	Plexiglass	Metal
11972-X22	Metal	Metal
11972-X32	Vented Plexiglass	Perforated Metal
11972-X42	Perforated Metal	Perforated Metal

84"H x 19"W x 36"D Cabinet		
Part Number	Cabinet Door Style	
	Front	Rear
11973-X02	No Front	No Rear
11973-X12	Plexiglass	Metal
11973-X22	Metal	Metal
11973-X32	Vented Plexiglass	Perforated Metal
11973-X42	Perforated Metal	Perforated Metal

84"H x 19"W x 36"D Frame Only	
Part Number	Cabinet Door Style
11974-X02	No Doors

**Q. Briefly explain what impact does a Zone 4 rating for cabinet enclosures translate to?**

A. Seismic compliance is granted for Zone 1 through Zone 4, with Zone 4 being the most stringent. Cabinet and enclosure systems that must be installed in Zone 4 areas, undergo extremely stringent testing measures to ensure they are capable of storing sensitive equipment in areas where extreme seismic activity can occur (for example, California).

Ratings are obtained via Bellcore's GR-63-CORE, Network Equipment Building Systems (NEBS) requirements, Section 4.4.1.1 for Physical Protection for telecommunications equipment, systems or devices. The equivalent seismic level of compliance on the Richter Scale for Zone 4 is 7.0 to 8.3.

**Q. What structural modifications have been done to obtain seismic rating?**

A. The Seismic Frame Cabinet System features a reinforced (bolted) inner frame that provides structural rigidity to the cabinet.

**Q. What is product weight?**

A. 331 lbs.

**Q. How many rack-mount units (U) are available for use?**

A. 84"H = 43U

**Q. What is the maximum distributed weight loaded during testing of Seismic Frame Cabinet System?**

A. 800 lb

**Q. At what rack-mount unit (u) was distributed weight loaded during testing of the Seismic Frame Cabinet?**

A. Weight was distributed equally about the center of gravity within the cabinet.

**Q. Will all current MegaFrame® Cabinet accessories work in the Seismic Frame Cabinet System?**

A. All accessories in the MegaFrame line will work in the seismic-rated solution except the lower fan/filter kits:

Product	Part Number
Standard Filter Cabinet Ventilation System	12510-501
	12480-701
	12480-702
Deluxe Filter Cabinet Ventilation System	12511-501
	12511-503
	12510-501
	12506-001

**Q. What additional features of the CPI Seismic Frame Cabinet System set it apart from competitors?**

- A. - Standard aircraft-grade aluminum frame construction
- Standard Independent vertical cabling ring sections for interior cable management
- Fits on-site customization for raised floor and overhead cabling environments
- Pre-drilled top panel holes for cable runway



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# Frequently Asked Questions

## Seismic Frame™ Cabinet System

**Q. What is composition of Seismic Frame Cabinet System?**

A. Composed of 6061-T6 high-grade aluminum: horizontal slides and vertical, front and rear frame. Composed of 6063-T5 high-strength aluminum: door and sides of frame.

**Q. Does the seismic rated MegaFrame® Cabinet System feature a screwed together aluminum frame as found in the MegaFrame?**

A. Yes, the outside frame of the seismic-rated solution features a screwed together frame as found in the standard MegaFrame cabinet solution.

**Q. How is the Seismic Frame Cabinet System different from the standard MegaFrame Cabinet System?**

A. The seismic-rated solution features a bolted inner steel frame.

**Q. How do you ground the cabinet?**

A. Threaded holes are located on the front and rear lower frame for mounting the standard enclosed grounding lug.

**Q. What type of ventilation scheme is present when doors are used in a cabinet configuration?**

A. Solid doors are recommended in a raised floor data storage environment where forcing airflow vertically through the cabinet is a necessity.

Ventilated doors are best used in conjunction with equipment which includes its own efficiency operating fan for drawing air into the front of the cabinet and exhausting hot air through the rear of the cabinet.

**Q. How do I change the direction that a door is opening?**

A. At the time of installation, simply install the cabinet to reflect the direction that you want the door to open. Simply removing the hinge pin, removing the door latch and flipping the door over and attaching it to the other side of the door frame.

**Q. What is useable depth for a rack-mounted piece of equipment?**

A. 36" depth offers 36" of useable depth for equipment.

**Q. I have already installed the cabinet and equipment and decided that I need to put in a fan. How do I do this?**

A. Since the fan installs on the inside of the cabinet, it will be necessary to:

1. Remove any equipment that interferes with access to fan mounting opening.
2. Remove the top panel.
3. Assemble the fan kit and place inside top panel.
4. Replace top panel to cabinet.

**Q. How do I adjust the depth of the mounting rails?**

A. Mounting rail depth is adjusted by loosening the three nuts: one at the top, one in the middle and one at the bottom located along the connecting point with the extruded horizontal slides (rails). Reposition the rail to the desired location on the horizontal rail and retighten the three nuts. Extra screws are provided in the included hardware kit to mount hardware to the rails.

**Q. How do you secure cable runway to the top of the cabinet?**

A. Pre-drilled holes in the top panel of a cabinet, spaced 12" apart accommodate cable runway. J-Bolt Kits attach to the frame extrusion of a cabinet to attach the cable runway. Also available, an elevation kit that can be used in conjunction with a radius bend. The kit is designed to elevate the runway between two and six inches. This allows room for the radius bend drop to fit in between the runway and the cabinet to correctly route CAT 6 cables.

