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## Performance Specifications

Each QuietCAB meets or exceeds the following codes and standards where applicable:

- \$ CSE Specification: ITSG-02 ! criteria for the design, fabrication, supply, installation, and testing of the walk-in radio frequency shielded enclosures. December 1999
- \$ IEEE Std 299-1997 !IEEE Standard Method for Measuring the Effectiveness of Electromagnetic Shielding Enclosures ! 21 April 1998. To be completed at time of installation prior to absorber installation.
- \$ ASTM E-84-81A Test for surface Burning Characteristics of Building Materials.
- \$ MIL-F-15733 Filters, Radio Interference, General Specification for ANSI/UL-1283 Standard for Safety, Electromagnetic Interference Filters.
- \$ MIL-STD-220A Method of Insertion Loss Measurement for Radio Frequency Filters.
- \$ MIL-STD-285 Method of Attenuation Measurements for Electromagnetic Shielding Enclosure for Electronic Purposes
- \$ MIL-STD-461E, !Requirements for the Control of Electromagnetic Interference Characteristics of Subsystems and Equipment.
- \$ UL1283 Standard for Safety- Electromagnetic Interference Filters.
- \$ Canadian Electrical Code

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## Seismic Design

Our QuietCAB is designed to meet seismic requirements. An engineer is required to inspect the final installation for seismic approval.

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## Maintenance

The QuietCAB has been designed and fabricated to be as maintenance free as possible. Minimal preventative maintenance is required to maintain RF integrity and cooling efficiency.

The QuietCAB ships with a maintenance kit complete with the following:

- \$ fingerstock - QuietCAB 2-18" length
- \$ scotchbrite abrasive pads
- \$ methyl hydrate - 1L bottle
- \$ putty knife
- \$ contact cleaner
- \$ cloths - 12



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## Raymond EMC QuietCAB

The QuietCAB provides the shielding effectiveness of a standard Raymond EMC Shielded enclosure in a compact and maneuverable package.

The QuietCAB is the perfect shielding solution for customers who need to integrate rack mount !Consumer Off of the Shelf" ( COTS ) equipment into a harsh EMC environment.

Based on the tried and proven QuietDOOR and QuietBOX technology, the 33" wide x 45" deep x 82" high QuietCAB maneuvers on casters through standard office doorways.

Each QuietCAB is equipped with its own power line filter, receptacles and ventilation system. Simply plug the QuietCAB into any receptacle and its ready for use

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## Optional Features

The QuietCAB can be customized to suit our customers' needs, and can be ordered with a variety of standard options including:

- ! Additional removeable access panel
- \$ Black Satin powder coat paint finish. Other colors are available
- \$ Up to 6 each 30 Amp Filtered power line feeds  
120V, 208V, 240V
- \$ Rack mountable power bars:
  - up to 8 each NEMA 6-20ra receptacles
  - up to 8 each NEMA 5-20ra receptacles
- \$ Filtered ventilation system for 24000 or 36000 BTU load
- \$ Up to 288, 1 G-Bit duplex LC fiber optic connections, other styles are available

