

QuietStation™

The Raymond EMC QuietStation™ provides all the benefit of a standard Raymond EMC shielded enclosure in a compact and maneuverable package. The QuietStation™ is the perfect shielding solution for customers with limited space or who require mobility.

Equipped with the proven Raymond EMC QuietDoor™, the QuietStation™ is built using the same quality materials and techniques used to build a standard modular shielded enclosure. Simply plug the QuietStation™ into an outlet and it is ready for use.



Features

- 4' Wide x 6' Long x 7' High
- 30" x 78" QuietDoor™
- Two honeycomb waveguide vents
- 30 Amp power filter
- Two-circuit breaker box
- Exhaust fan and switch
- Light and switch
- Two duplex receptacles
- Commercial grade floor tiles
- External 12' power cord with 20 Amp 3-prong plug

RF Shielding Performance Levels

Magnetic Fields	20 dB at 1 kHz, rising to 55dB at 10 kHz and 95 dB at 200 kHz
Electric Fields	100 dB from 200 kHz to 50 MHz
Plane Waves	100 dB from 50 MHz to 1 GHz
Microwaves	100 dB at 10 GHz

Applicable Industry Standards

IEEE STD 299	Standard Method for Measuring the Effectiveness of Electromagnetic Shielding Enclosures. 1997
ITSG-O2	Criteria for the Design, Fabrication, Supply, and Installation and Acceptable Testing of Walk-in, Radio-Frequency-Shielded Enclosures. 1999
UL 1283	Standard for Safety – Electromagnetic Interference Filters
MIL-STD-220A	Method of Insertion Loss Measurement or Radio Frequency Filters

Optional Features

- Custom configurations
- Custom sizes
- Copper screen panels
- Shelf, 9" rack desktop
- RF signal filters
- Bulkhead connector panels
- Filtered feedthroughs
- Waveguide pipe penetrations
- Absorber and ferrite tile lining
- Architectural finishes
- Functional finishes
- Removable/height adjustable casters

Two-year Warranty

All Raymond EMC QuietStations™ come with a two-year limited warranty against defective materials, craftsmanship and to retain the specified RF shielding effectiveness. Extended warranties are available.