



# QuietStation



## Standard 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

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.



**Customized options are available. Please contact us to see how we can satisfy your requirements.**

# QuietStation

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## 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



## RF Shielding Performance Levels

Magnetic Fields: 20 dB at 1 kHz rising to 55 dB at 10 kHz and 95dB 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

## Warranty

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

## Applicable Industry Standards:

IEEE STD 299	Standard Method for Measuring the Effectiveness of Electromagnetic Shielding Enclosures. 1997
ITSG-02	Criteria for the Design, Fabrication, Supply, and Installation and Acceptance 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 for Radio Frequency Filters

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