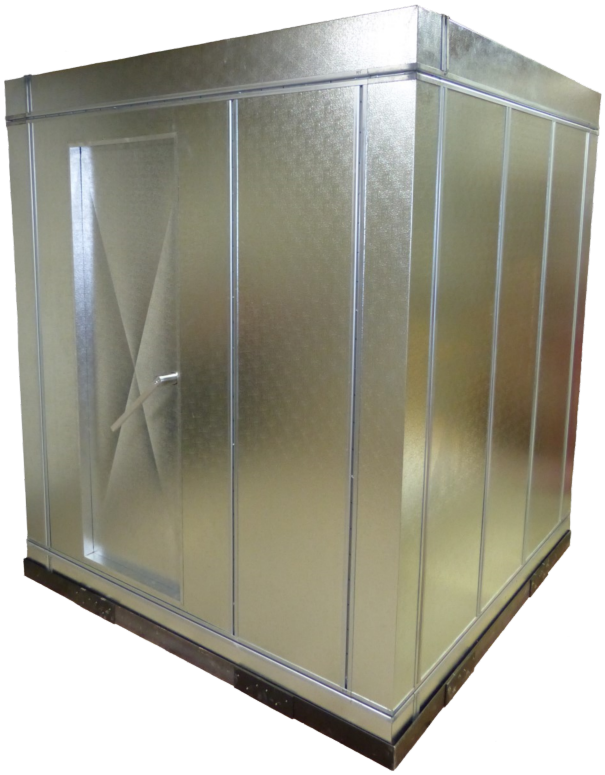
raymond emc

Hybrid Enclosure



Features:

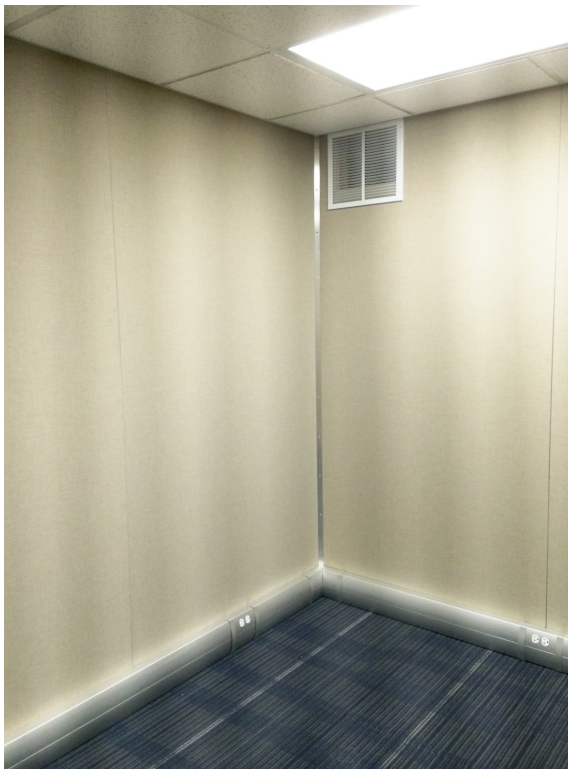
- Full turnkey solutions
- Complete line of shielding options
- Versatile design capabilities
- Meets electrical safety standards
- Architectural finishes
- High performance shielding option
- Complies with industry standards

Versatile Design Capabilities

Our modular system can be easily modified to meet virtually any size requirement. Smaller enclosures are designed to be free standing structures while larger enclosures are tied into the parent room.

Our highly experienced team works directly with clients to ensure optimum room layout and conformity to both client and industry specifications.

Please contact us for a complete list of additional options. Our dedicated team will work with you to satisfy all of your requirements.



Sales: 800-362-1495
Tel: 613-841-1663
Fax: 613-841-0456
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Raymond EMC Enclosures Ltd.
5185 Dolman Ridge Road
Ottawa, Ontario
Canada K1C 7G4

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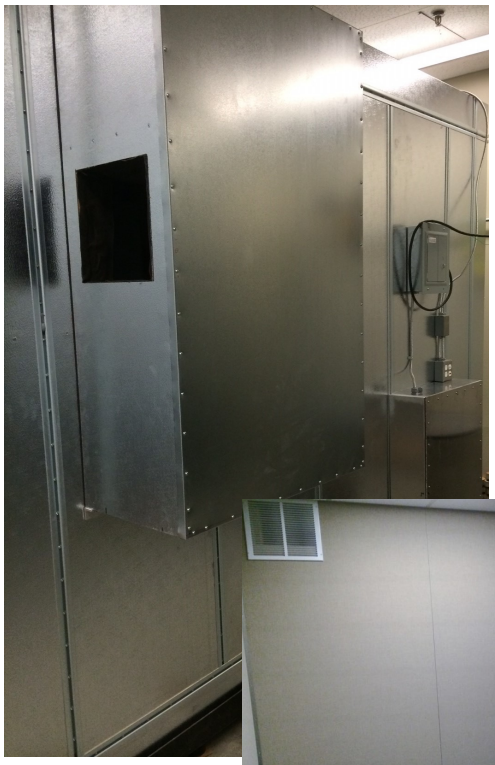
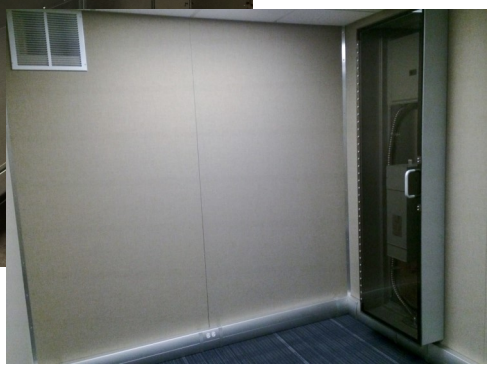


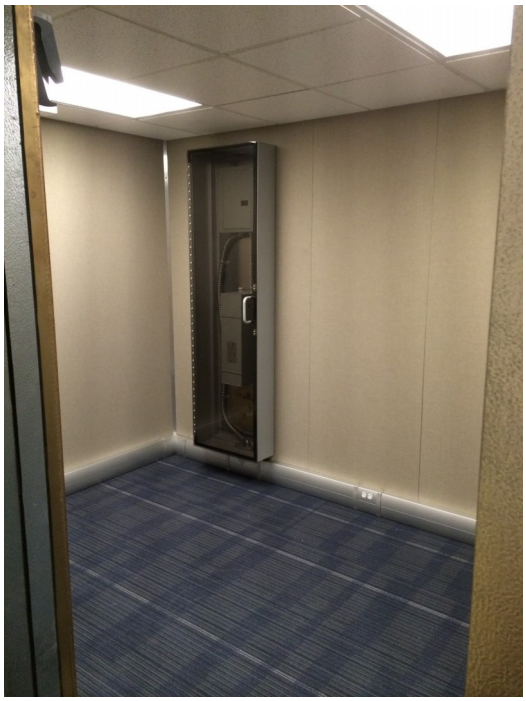


Performance Levels

- RF Shielding:

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

- Exceeds STC 52



Warranty

All Raymond EMC hybrid enclosures 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
ASTM E90	Standard Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions
ASTM E336	Standard Test Method of Sound Transmission Loss of Building Partitions
ASTM E413	Classification for Rating Sound Insulation

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