

General Anechoic Chambers

High-absorption environment

Raymond EMC's QuietChamber™ provides an interference-free and simulated free-space environment. We design this highly customized product based on our clients' specifications and according to the absorption they require. Applications include 5G and antenna.



Key features

Full turnkey solutions

Raymond EMC provides turnkey solutions that start with design and continue through to onsite installation and RF Shielding Effectiveness certification. We also build in all electrical, HVAC, life-saving system and seismic requirements.

Versatile design capability

Raymond EMC's modular system is adaptable, and can be configured to meet unique client requirements.

Client satisfaction

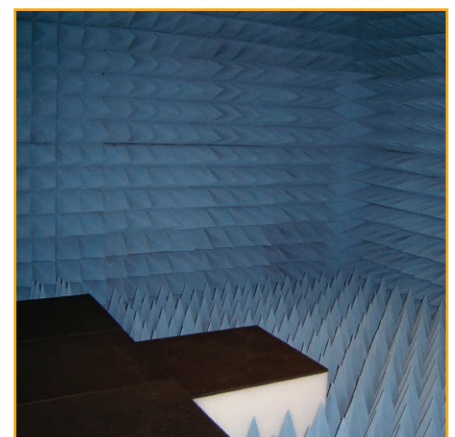
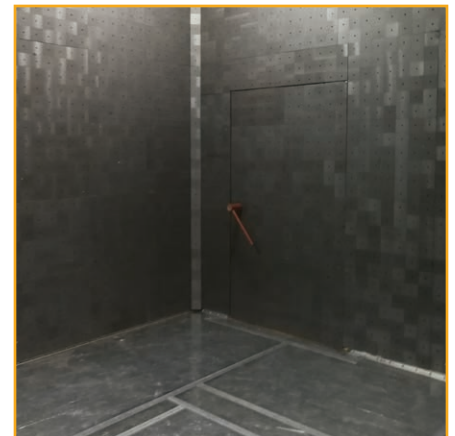
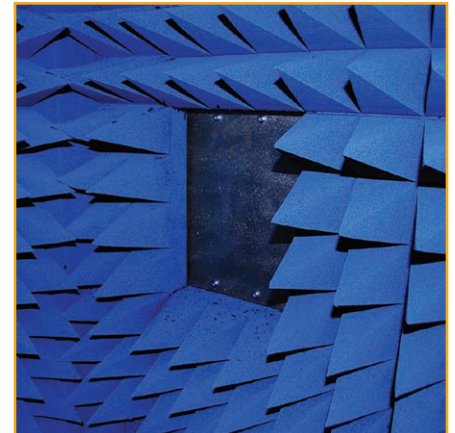
We provide unmatched client care and product support through the design, fabrication and installation process. Our dedication to excellence leads to long-term customer relationships.

Complete line of options:

- RF vestibules
- RF power line filters
- Internal electrical distribution
- RF signal filters
- Honeycomb waveguide air vents
- Bulkhead connector panels
- Waveguide pipe penetrations
- Turntables
- Test benches
- Custom frequency ranges

RF shielding performance

| | |
|------------------|----------------------------------------------|
| Magnetic | 55 dB @ 10kHz; 95dB @ 200kHz; 100 dB @ 1 MHz |
| Electric | 100 dB from 15 kHz to 100 MHz |
| Planewave | 100 dB from 100 MHz to 1 GHz |
| Microwave | 100 dB at 10 GHz |



Two-year warranty

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

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