

EMP Shielded Cabinets



European EMC Products

Product Datasheet



European EMC Products design and manufacture a bespoke range of EMP Shielded Cabinets specific to end users' requirements for high performance applications. This type of cabinet is typically used for commercial and military facilities requiring NEMP (Nuclear Electromagnetic Pulse) Protection.

Our cabinets are constructed using 2mm thick galvanised steel to ensure maximum shielding performance which are then bolted together using EMP gasket for long-term reliable performance.

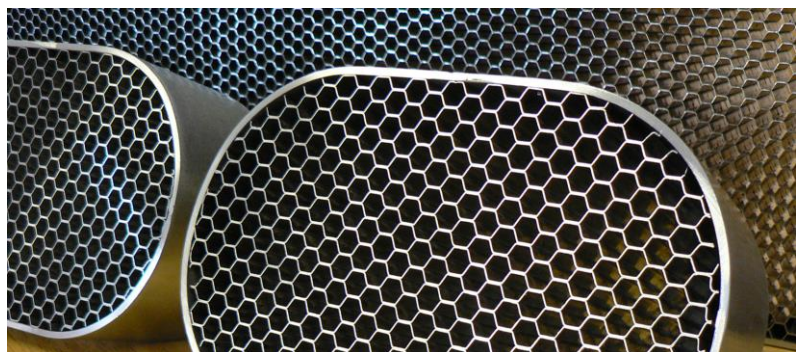
EEP manufacture these cabinets in any size from desktop to walk-in and they can be fitted with a wide range of internal fittings to suit all applications. Paint finishes and coatings for harsh or corrosive environments can also be supplied.

- Cabinets can include 19" racks, electrical distribution and lighting internally.
- EEP can supply custom designs complying with all international EMP standards.
- EEP's experience with EMP ensures we can offer advice on all aspects of design, manufacture and testing.

Waveguide Vents are a crucial component for any shielded cabinet as they allow air to pass through whilst still attenuating radiated interference. As such, EEP design and manufacture a wide range of steel and aluminium waveguide vents specifically for shielded cabinet applications.

The waveguide vents meet the shielding attenuation requirements for EMPP, as per **Mil Std 188-125**.

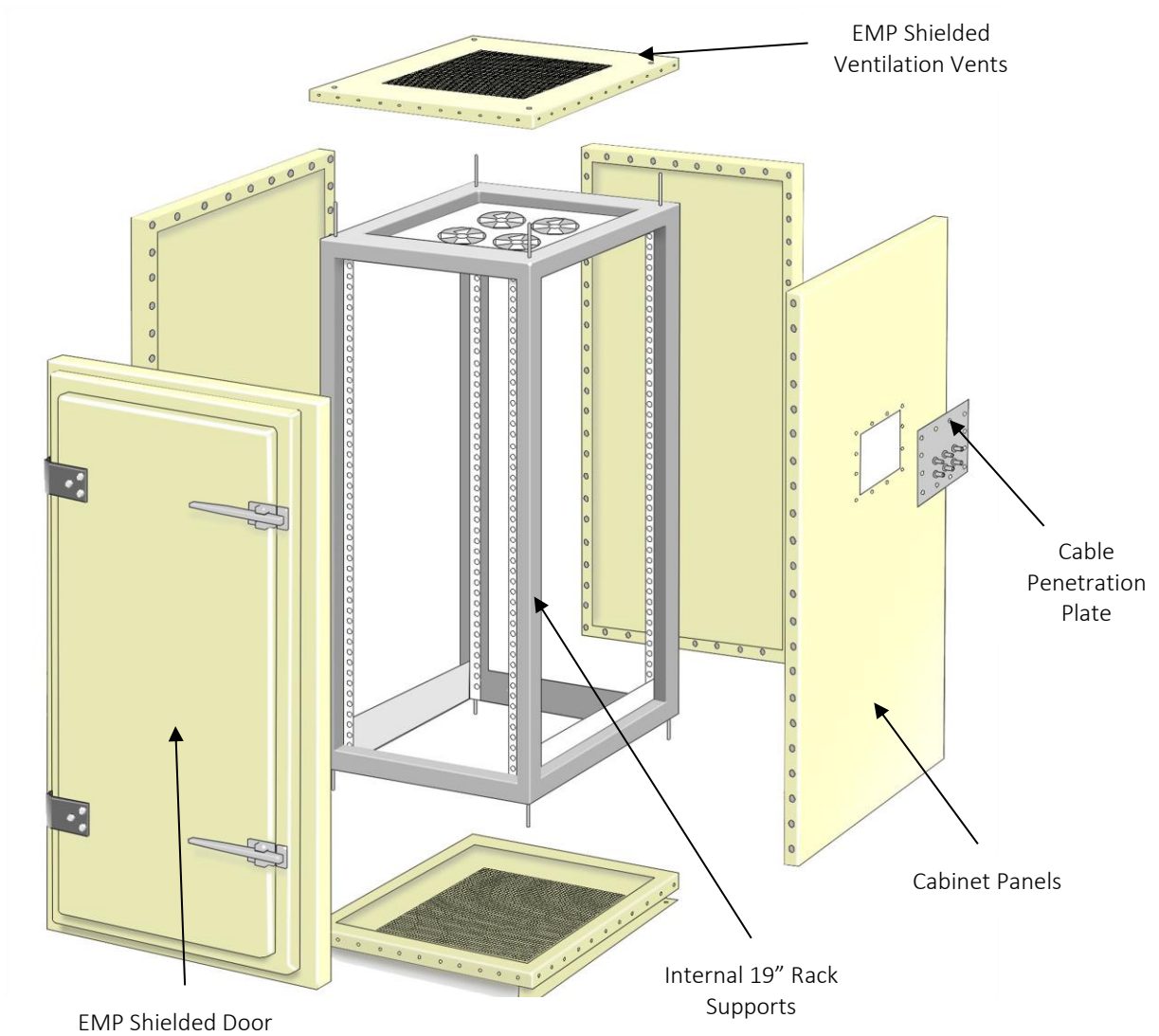
Mil Std 188-125, Part 2 is a military document titled HIGH ALTITUDE ELECTROMAGNETIC PULSE (HEMP) PROTECTION FOR GROUND-BASED C4I FACILITIES PERFORMING CRITICAL, TIME URGENT MISSIONS – PART 2 TRANSPORTABLE SYSTEMS. This describes the protection and testing required for these types of facilities.



In addition to the above, our service offerings also include the design, construction and installation of **Modular RF Shielded Containers**. These are built to various performance specifications and fitted out to a variety of levels as dictated by the user.

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Cabinet Design



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About Us

Established in 1996, European EMC Products (EEP) are an established British company whose experience and understanding of the science of shielding makes it an ideal partner in whom you can place your trust with confidence. The purpose of installing EEP shielding systems is to protect people and equipment against the threats posed by electromagnetic and radio frequency (RF) interference, radiation, magnetic fields and electromagnetic pulses. Our diverse range of turnkey products and services, including design, project management, testing and consultancy are delivered across multiple sectors to an international client base.

Quality

European EMC Products Limited are registered to BS EN ISO 9001:2015, Certificate Number FS38901.

Registered Scope: The design, assembly, installation, servicing and testing of RF Shielded Structures and equipment including EMI Shielding, Blast Doors, Gas Tight Doors and specialised mobile Electromagnetic Pulse Protection (EMPP) containers.

Radio Frequency, Magnetic Shielding and Quench systems for MRI (Magnetic Resonance Imaging) scanners.

The design, assembly and installation of Ionising Radiation Protection facilities.

The design, manufacture and installation of LED lighting systems for medical applications.

EEP Filters Limited are registered to BS EN ISO 9001:2015, Certificate Number FS38901.

Registered Scope: The design, manufacture, management of installation and testing of high performance EMC and EMP Power and Data Line Filters.

Disclaimer

NB: All the information provided within this datasheet is for reference only. Product specifications are subject to change without notice.



For Further Information Visit: www.euro-emc.co.uk

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