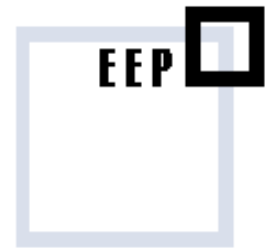
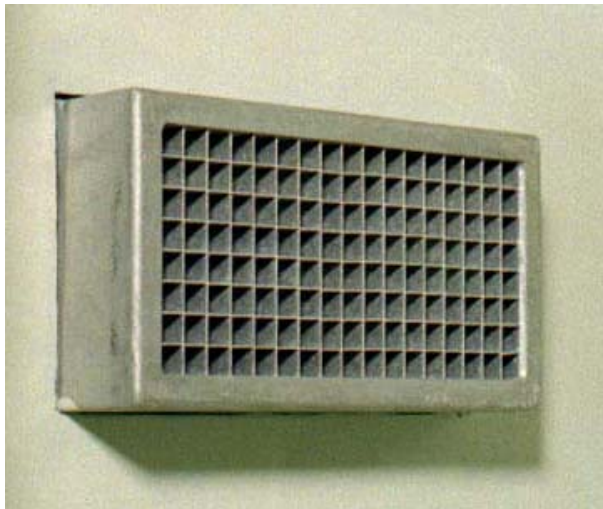


WAVEGUIDE VENTS FOR ELECTROMAGNETIC PULSE PROTECTION (EMPP)



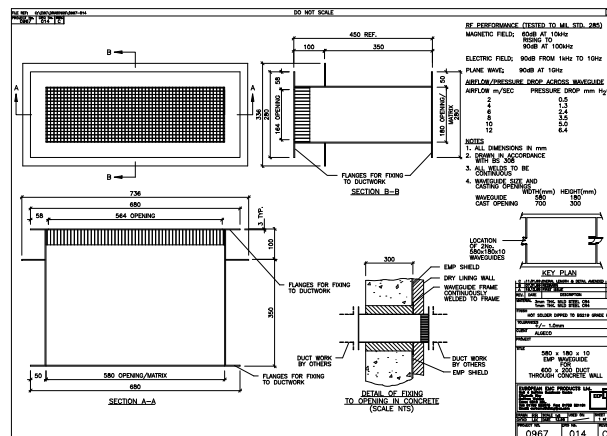
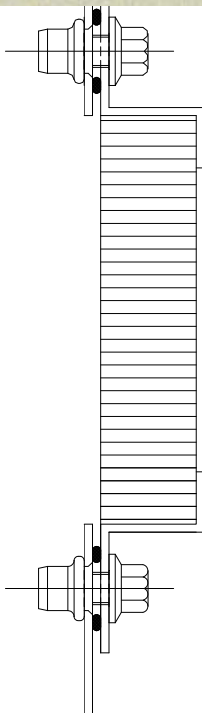
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EEP design and manufacture a range of steel waveguide vents specifically for high performance applications, particularly in the magnetic mode at low frequencies.

These waveguides are made from 1 mm thick steel slats assembled to form a 10 mm wide x 50 mm deep matrix. The completed vent is hot tin solder dipped to give corrosion protection and conductivity in all planes. This type of waveguide vent is typically used for military facilities requiring NEMP (Nuclear Electromagnetic Pulse) Protection.

EEP can manufacture these vents in any size and with a range of flange designs to meet all applications. Paint finishes and coatings for harsh or corrosive environments can also be supplied.



Drawing of specially designed waveguide vent for fitting through a cast concrete wall.

Section through a waveguide vent showing flange designed for bolting into the main shield

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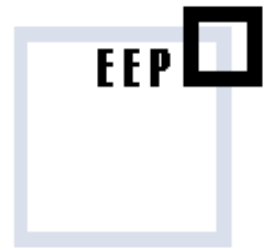
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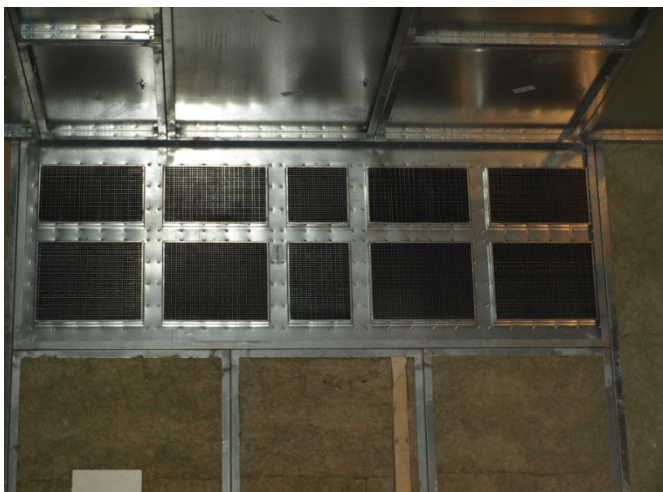
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Example of Waveguide Vent below raised floor in shielded room



Example of Waveguide Vents at high level in a shielded room

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