Product Overview:

EMC cabinets are of advanced design to meet the EU electro-magnetic compatibility regulations, for critical equipment such as medical, defence or other sensitive IT applications.

The Rainford Solutions Vanquish® E-Series EMC cabinet has been designed to provide a robust shielded solution for housing a wide range of electronic equipment.

Our cabinets are supplied fully assembled ready for immediate deployment.

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Key Features:

- EMC protection
- Standard heights: 12U, 21U, 45U
- 19” equipment mounting verticals
- Supplied with 4 x lifting eyes
- Top and bottom EMC gland plates for cable entry
- Cabinet earth point provided in cabinet base
- Range of 19” rack mountable accessories
- Supplied fully assembled

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Performance:

The Vanquish® E-Series EMC cabinet gives >40dB of attenuation from 10MHz to 1GHz. *

The EMC Cabinet comes in a standard height range of 12U, 21U, 45U.

Alternative equipment heights are available on request.

The Vanquish® E-Series EMC cabinet comes in two depths 600mm and 800mm. Excluding depth of doors (Front & Rear).

*Maximum Values

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World-Class Enclosure Solutions
Standard Range of EMC Cabinets

Technical Information:

Standard Features:
- Cabinet mounting plinth with adjustable feet for levelling
- Full height door front and rear with 3-point locking and pad-lockable handle
- 2 x pairs of equipment mounting verticals with chosen ‘U’ height markings
- Removable side panels
- All removable panels fully earth bonded
- 4 x lifting eyes at top of cabinet for ease of installation
- EMC Seal Characteristics; Metalized Cloth/Nickle/Copper
- Removable solid gland plate in top and bottom of cabinet
- M10 Brass Earth Stud in base

Sizes and Options:

<table>
<thead>
<tr>
<th>Cabinet Sizes</th>
<th>Height</th>
<th>Width mm</th>
<th>Depth mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>VE-12-06-06-V1-D01-T1</td>
<td>Vanquish® E-Series EMC cabinet</td>
<td>12U</td>
<td>600</td>
</tr>
<tr>
<td>VE-12-06-08-V1-D01-T1</td>
<td>Vanquish® E-Series EMC cabinet</td>
<td>12U</td>
<td>600</td>
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<td>VE-21-06-06-V1-D01-T1</td>
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<td>21U</td>
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<td>21U</td>
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<td>Vanquish® E-Series EMC cabinet</td>
<td>45U</td>
<td>600</td>
</tr>
</tbody>
</table>

Finish:
- Cabinet frame, doors and side panels are finished in light textured polyester powder paint over zinc plating
- Standard paint colour; Grey (RAL7032)
- Alternative paint colours available upon request
- Supplied fully assembled

Layout Drawings of EMC Cabinet: