EV Series

AGREE-Type Combined Temperature / Vibration Chambers

The EV Series AGREE style chambers are offered in various sizes and accommodate electro-dynamic, mechanical vibration systems or roll-in product carts. The EV Series offers flexibility to be used as a test chamber with or without vibration tables.

Features:
- Engineered to adapt to all vibration tables in the market.
- Dual door design available for easy loading/unloading
- Gantry and Cantilever styles available for greater testing flexibility
- Easy access side panels
- Multiple door options available

Design & Performance

<table>
<thead>
<tr>
<th>Model Number</th>
<th>EV50</th>
<th>EV81</th>
<th>EVH50</th>
<th>EVH81</th>
</tr>
</thead>
<tbody>
<tr>
<td>Airflow</td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Test Space Volume</td>
<td>Cubic Feet/Liters</td>
<td>50 / 1415</td>
<td>81 / 2300</td>
<td>50 / 1415</td>
</tr>
<tr>
<td>Test Space Dimensions</td>
<td>Width</td>
<td>44&quot; (1118mm)</td>
<td>54&quot; (1372mm)</td>
<td>44&quot; (1118mm)</td>
</tr>
<tr>
<td></td>
<td>Depth</td>
<td>44&quot; (1118mm)</td>
<td>54&quot; (1372mm)</td>
<td>44&quot; (1118mm)</td>
</tr>
<tr>
<td></td>
<td>Height</td>
<td>44&quot; (1118mm)</td>
<td>48&quot; (1219mm)</td>
<td>44&quot; (1118mm)</td>
</tr>
<tr>
<td>Exterior Dimensions</td>
<td>Width</td>
<td>80&quot; (2032mm)</td>
<td>80&quot; (2032mm)</td>
<td>80&quot; (2032mm)</td>
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<tr>
<td></td>
<td>Depth</td>
<td>102&quot; (2591mm)</td>
<td>112&quot; (2894mm)</td>
<td>112&quot; (2894mm)</td>
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<tr>
<td></td>
<td>Height</td>
<td>110&quot; (2794mm)</td>
<td>114&quot; (2919mm)</td>
<td>95&quot; (2413mm)</td>
</tr>
<tr>
<td>Temperature Change Rate</td>
<td>Heating Rate</td>
<td>13°C/min</td>
<td>20°C/min</td>
<td>18°C/min</td>
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<tr>
<td></td>
<td>Cooling Rate</td>
<td>13°C/min</td>
<td>20°C/min</td>
<td>18°C/min</td>
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<tr>
<td>Temperature Range</td>
<td>Minimum</td>
<td>-73°C (-99°F)</td>
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<td></td>
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<tr>
<td></td>
<td>Maximum</td>
<td>+180°C (+356°F)</td>
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<tr>
<td>Humidity Range</td>
<td>-</td>
<td>10%RH to 98%RH</td>
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</table>

Performances are based on laboratory conditions at +24°C, 60 Hz, with cooling water inlet temperature and flow rate according to requirements.
Performances at 50 Hz may vary. Please consult with your local Sales Representative if your conditions vary.
Temperature ramp rates are average, not linear rates of change.
Heating and cooling rates between +85°C and -40°C in an empty chamber; measured at the supply air.
Temperature range is limited if export license is not granted; please consult with your local sales representative.
The height of the chamber is dictated by the various shaker table heights. The dimensions above were taken from a 35.5" (902mm) shaker table.

Custom sizes available