Inert Gas Ovens

Blue M Inert Gas convection oven is ideal for a number of laboratory and industrial oven applications, including moisture drying, epoxy curing, and aging of electronic components and devices. These ovens offer great performance of non-hazardous materials.

Equipment Specifications

- Temperature Range: Ambient to 250°C
- Cleanliness: Class 100
- Temperature Stability ±0.5°C
- Temperature uniformity: ±1.0% of set point
- Oxygen Concentration < 20PPM
- Nitrogen Flow Regulation: 10L – 60L/min Manual Adjustment. Max pressure of control valve 0.5MPa
- Forced convection
- Over temperature protection
- Inner oven made from SUS #304 mirror stainless steel
- Exterior constructed of painted cold rolled steel
- Ramp rate of 15°C / minutes average

<table>
<thead>
<tr>
<th>Model</th>
<th>Interior (W x H x D)</th>
<th>Exterior (W x H x D)</th>
<th>Liters</th>
<th>Cubic Ft</th>
<th>Heater kW</th>
<th>Amp</th>
<th>Voltage</th>
<th>Temperature Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO10</td>
<td>650mm * 700mm * 600mm (25.59&quot; * 27.56&quot; * 23.62&quot;)</td>
<td>950mm * 1365mm * 1230mm (37.4&quot; * 53.74&quot; * 48.43&quot;)</td>
<td>273</td>
<td>9.64</td>
<td>4KW</td>
<td>8A</td>
<td>380/3/50</td>
<td>Ambient – 250°C</td>
</tr>
<tr>
<td>CO18</td>
<td>700mm * 800mm * 800mm (27.56&quot; * 35.43&quot; * 31.5&quot;)</td>
<td>1000mm * 1560mm * 1430mm (39.37&quot; * 61.42&quot; * 56.3&quot;)</td>
<td>504</td>
<td>17.8</td>
<td>7KW</td>
<td>14A</td>
<td>380/3/50</td>
<td>Ambient – 250°C</td>
</tr>
<tr>
<td>CO32</td>
<td>1300mm * 1000mm * 700mm (51.18&quot; * 39.37&quot; * 27.56&quot;)</td>
<td>1600mm * 1665mm * 1330mm (62.99&quot; * 65.55&quot; * 52.36&quot;)</td>
<td>910</td>
<td>32.14</td>
<td>10.50KW</td>
<td>21.5A</td>
<td>380/3/50</td>
<td>Ambient – 250°C</td>
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