HEPA filtered enclosure
Effective protection products and/or samples

Operations in an ultra-clean, dust-free environment:
- Non-pathogenic cell cultures
- In-vitro cultures
- Microbiology (Non-pathogenic)
- Homeopathic preparations in pharmacies,
  Electronics
  Optics, etc.

Technical specifications

<table>
<thead>
<tr>
<th>Dimensions (mm)</th>
<th>Specifications</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ref.</strong>&lt;br&gt;External dimensions&lt;br&gt;Width Depth Height&lt;br&gt;391 1000 630 1160 - 1240</td>
<td><strong>Number of fans (IP44)</strong>&lt;br&gt;1</td>
</tr>
<tr>
<td><strong>Internal dimensions without work surface</strong>&lt;br&gt;Width Depth Height&lt;br&gt;965 522 860</td>
<td><strong>Processed air flow</strong>&lt;br&gt;1P: 256 m³/h&lt;br&gt;1P1C: 164 m³/h</td>
</tr>
<tr>
<td><strong>Voltage / Frequency</strong>&lt;br&gt;90-264 V / 50-60Hz</td>
<td><strong>Total power consumption including electricity for the lights</strong>&lt;br&gt;70 W</td>
</tr>
<tr>
<td><strong>Amperage absorbed</strong>&lt;br&gt;0.26 A</td>
<td><strong>Air velocity at openings</strong>&lt;br&gt;0.3 m/s</td>
</tr>
</tbody>
</table>

Filtration column

**Type 1P HEPA H14 FILTER**
This filtration technology traps particles larger than 0.1 µm with 99.995% efficiency, according to the MPPS method set forth in the EN 1822-1 standard.

**Type 1P1C:**
HEPA H14 Filter + molecular filter
Adding a carbon filter to your vented cabinet allows you to protect its volume from gases pollutants present in your laboratory environment.

Structure

- **Metallic parts**: Anti-corrosion steel coated with 100% polyester
- **Side and front panels**: High optical purity, colourless and transparent acrylic. Inert to most aggressive chemicals.
- **Filtration module**: Injected polypropylene

Equipment

**Standard Equipment**
- **Flow monitor**: Permanent ventilation control device
- **Internal lighting**: Compact tubular fluorescent lighting - 18 Watts - 500 Lux - IP 67
- **Energy ports**: For the passage of cables

**Options**
- **Work surface Nº1**: Work surface in stainless steel 304 L with built-in retention tray
- **Work surface Nº2**: In phenolic resin with built-in retention tray
- **Mobicap**: Rolling cart made of anti-corrosion metallic alloy
- **Benchcap**: Fixed work bench made of anti-corrosion metallic alloy
- **Shelf**: Adjustable sliding shelf for Mobicap and Benchcap

Compliance to standards

- **Air quality within the enclosure: ISO 5**
  *When used in a cleanroom in compliance with ISO 9 / EN 14-644 standard.
HEPA filtered enclosure
Effective protection products and/or samples

Technical drawings of the version equipped with the 1P filtration column
HEPA filtered enclosure
Effective protection products and/or samples

Technical drawings of the version equipped with the 1P1C filtration column
HEPA filtered enclosure
Effective protection products and/or samples

Work surface N°1
Work surface in stainless steel
304 L with built-in retention tray

Work surface N°2
In phenolic resin with built-in retention tray