### 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

#### Dimensions (mm)

<table>
<thead>
<tr>
<th>Ref.</th>
<th>External dimensions</th>
<th>Internal dimensions without work surface</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Width</td>
<td>Depth</td>
</tr>
<tr>
<td>321</td>
<td>825</td>
<td>630</td>
</tr>
</tbody>
</table>

#### 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

#### Specifications

<table>
<thead>
<tr>
<th>Specifications</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of fans (IP44)</td>
<td>1</td>
</tr>
<tr>
<td>Processed air flow</td>
<td></td>
</tr>
<tr>
<td>1P: 265 m³/h</td>
<td></td>
</tr>
<tr>
<td>1P1C: 164 m³/h</td>
<td></td>
</tr>
<tr>
<td>Voltage / Frequency</td>
<td>90-264 V / 50-60Hz</td>
</tr>
<tr>
<td>Total power consumption including electricity for the lights</td>
<td>70 W</td>
</tr>
<tr>
<td>Amperage absorbed</td>
<td>0.26 A</td>
</tr>
<tr>
<td>Air velocity at openings</td>
<td>0.3 m/s</td>
</tr>
</tbody>
</table>

#### 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 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
- 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

#### 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 gazes pollutants present in your laboratory environment

#### Compliance to standards

- Air quality within the enclosure: ISO 5*

  *When used in a cleanroom in compliance with ISO 9 / EN 14-644 standard.
Technical drawings of the version equipped with the 1P 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