Captair Flow
HEPA filtered enclosure

Providing an ultra-clean dust free environment
Captair Flow
HEPA filtered enclosure

Filtration technology allows to work in an ultra clean atmosphere.

The 6° slanted sash offers optimal visibility and an ergonomic work space.

Large openings for easy access to your work.

Energy ports.

Work surface: Stainless steel 304 L or Tempered glass.

Benches: Rolling or Fixed.

Internal lighting: Compact tubular fluorescent lighting.
Effective protection for products and/or samples

The CaptairFlow laminar flow hoods provide an ultra-clean and dust-free work area. Ideal for applications such as non-pathogenic cell cultures, In-vitro cultures, microbiology, homeopathic preparations, electronics, and optics. These workstations feature HEPA H14 filters to provide an ISO Class 5 work environment. The HEPA H14 filters guarantee 99.995% filtration efficiency for particles larger than 0.1µm. Product features include bright internal lighting, slanted sash, large opening for easy access, and side panel utility ports, and low energy consumption. Optional accessories include stainless steel or resin work surface, rolling cart with locking wheels, and stationary work bench.

4 models

- 4 sizes available
- Stainless steel worktop with a built in spill tray
- Rolling or fixed carts available
- Standalone enclosures that do not require HVAC connections
- Immediately operational, place where you need it in your lab

Air quality into the enclosure

- HEPA H 14 filter : 99.995% filtration efficiency for particles larger than 0.1 microns (according to the EN1822-1 standard, MPPS method.
- Vertical laminar air flow entering the enclosure protects your work from contamination.
- Air quality in the enclosure is ISO 5

Additional chemical protection

- Advanced carbon filter will protect handlings from VOCs present into the laboratory air

Very low energy consumption

- The largest hood is only 261W

Applications:

- Non-pathogenic cell cultures
- In-vitro cultures
- Microbiology (Non-pathogenic)
- Electronics
- Homeopathic preparations in pharmacies
- Optics...
# Specifications

<table>
<thead>
<tr>
<th>Models</th>
<th>321</th>
<th>391</th>
<th>483</th>
<th>714</th>
</tr>
</thead>
<tbody>
<tr>
<td>External Width (mm)</td>
<td>825</td>
<td>1000</td>
<td>1275</td>
<td>1800</td>
</tr>
<tr>
<td>External Depth (mm)</td>
<td>630</td>
<td>630</td>
<td>800</td>
<td>800</td>
</tr>
<tr>
<td>External Height min-max (mm)</td>
<td>1160-1240</td>
<td>1160-1240</td>
<td>1315-1395</td>
<td>1315-1395</td>
</tr>
<tr>
<td>Air Flow version 1P (filter Hepa H14)</td>
<td>256 m³/h</td>
<td>256 m³/h</td>
<td>768 m³/h</td>
<td>1024 m³/h</td>
</tr>
<tr>
<td>Air Flow version 1C1P (filter Hepa H14 + carbon filter)</td>
<td>164 m³/h</td>
<td>164 m³/h</td>
<td>492 m³/h</td>
<td>656 m³/h</td>
</tr>
<tr>
<td>Voltage / Frequency</td>
<td>90-264V/50-60Hz</td>
<td>90-264V/50-60Hz</td>
<td>90-264V/50-60Hz</td>
<td>900-264V/50-60 Hz</td>
</tr>
<tr>
<td>Energetic consumption</td>
<td>70W</td>
<td>70W</td>
<td>191W</td>
<td>261W</td>
</tr>
<tr>
<td>Side and front panels</td>
<td>Acrylic 8mm</td>
<td></td>
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## Filtration

**Filter HEPA H14**

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.

**Molecular filter (option)**

Adding a carbon filter to your vented cabinet allows you to protect its volume from gases pollutants present in your laboratory environment.

- **AS**: For organic vapors
- **BE+**: For organic vapors and acid vapors
- **F**: For formaldehyde vapors
- **K**: For ammonia vapors

## Equipment

<table>
<thead>
<tr>
<th>Digital control panel</th>
<th>Permanent ventilation control device</th>
</tr>
</thead>
<tbody>
<tr>
<td>Energy port</td>
<td>To run electrical and fluid lines into the enclosure</td>
</tr>
<tr>
<td>Internal lighting</td>
<td>Compact tubular fluorescent lighting 18W - 500 Lux - IP67</td>
</tr>
</tbody>
</table>

## Optional Equipment

<table>
<thead>
<tr>
<th>Benches</th>
<th>Rolling or Fixed</th>
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<tbody>
<tr>
<td>Work surface</td>
<td>Tempered glass / Stainless steel 304 L</td>
</tr>
</tbody>
</table>