Captair Smart
Ductless filtering fume hoods
Life in the lab becomes Simpler Safer
Captair Smart
Ductless Filtering Fume Hoods
Erlab’s innovative technology keeps you safe

Erlab’s unique Flex Filtration can manage most lab applications

Sensors to detect filter saturation

Face velocity is automatically monitored

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

Large openings for easy access to your work

SMART TECHNOLOGY
Simple, intuitive communication by light shows the status of the hood

Very low energy consumption - Reduced running costs

Download the eGuard App for remote control and monitoring

Life in the laboratory becomes simpler and safer
Simpler to use • SMART technology informs users about their protection using light and sound. Light and sound pulses give real time information about:

- Fume hood working time
- Air face velocity
- Filters saturation
- Ventilation parameters

• The eGuard App gives you remote control to monitor the hood, change the settings, and delivers safety alerts immediately to your mobile, tablet or PC device.

Safer to operate • The configurable filtering system above the enclosure can be adapted to filter gases, solvents, powders and particulates keeping the user and the lab protected by safely and efficiently recirculating air within the room and releasing purified air back into the room free of any toxic hazardous vapors or odors.

• Meets AFNOR NFX 15 211/ANSI Z9.5-2012 filtration efficiency standard (classes 1 and 2).

• New sensors are added for detection of solvents or acids or formaldehyde.

• New electronic anemometer monitors face velocity

• ESP Program: Usage certification delivered with each unit after approval of your handlings or process by our in-house lab.
### Specifications

<table>
<thead>
<tr>
<th>Design</th>
<th>321</th>
<th>391</th>
<th>481</th>
<th>392</th>
<th>483</th>
<th>633</th>
<th>714</th>
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</thead>
<tbody>
<tr>
<td>Width (mm)</td>
<td>780</td>
<td>1000</td>
<td>1260</td>
<td>1005</td>
<td>1280</td>
<td>1600</td>
<td>1800</td>
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<tr>
<td>Depth (mm)</td>
<td>620</td>
<td>750</td>
<td>1110 - 1285</td>
<td>1340 - 1515</td>
<td>440 m³/h</td>
<td>660 m³/h</td>
<td>880 m³/h</td>
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<tr>
<td>Height min - max (mm)</td>
<td>1110 - 1285</td>
<td></td>
<td>321 391 481 392 483 633 714</td>
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</table>

### Safety Standards
- DIN 12 927 : Germany - EN 1822 : 1998 (HEPA H14 & ULPA U17 Filters) - CE Marking

### Air Face Velocity
- 0.4 to 0.6 m/s - 79 fpm to 118 fpm

### Power consumption
- 65 W
- 105 W
- 160 W
- 220 W

### Voltage/Fequency
- 80 - 220 V / 50-60 Hz

### Structure
- Corrosion resistant electro-galvanized steel coated with anti-acid polymer

### Side and front panels
- Chemical resistant acrylic

### Filtration module
- Polypropylene

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### Features

**Smart Technology**
- Simple communication by LED pulsation system: fan settings, usage timer, fan failure, face velocity, automatic filter saturation detection

**Flex Technology**
- 1 - 4 columns that can be configured to handle liquids, powders, or both

**Carbon filtration for gases and vapors**
- AS : For organic vapors - BE+ : For organic vapors and acid vapors - F : For formaldehyde vapors - K : For ammonia vapors

**Particulate filtration for powders**
- HEPA H14 filtration efficiency: 99,995 % according to MPPS method, EN1822 standard
- ULPA U17 filtration efficiency: 99,999995 % according to MPPS method, EN1822 standard

**eGuard**
- App for remote control to monitor the hood, change the settings, and deliver safety alerts immediately to your devices (mobile, tablet and PC).

**Connectivity**
- RJ45 cable connection

**Internal lighting**
- LED lighting > 650 Lux

**Electronic Anemometer**
- Indicates the face velocity of the unit

**Chemical Listing**
- List of approved chemicals

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### Accessories

**Work Surfaces**
- Trespa® Top Labplus, Glass or 304L Stainless Steel

**Benches**
- Rolling or Fixed

**Bench equipment**
- Technical gases outlets, water outlets, front control valves, sink, power sockets
- (Only compatible with Trespa® Top LabPLUS worktop and fixed bench)

**Particulate Pre-filter**
- 40 % filtration efficiency for particles > 0,3 μm

**Molecode**
- Detection sensor for solvents or acids or formaldehydes

**Wasteport**
- Double-bag with protected housing

**Transparent Back Panel**
- Clear acrylic panel for easy viewing