FlowFAST H
Horizontal Laminar Flow Cabinets

PROTECTION, SAFETY, RELIABILITY.
AND MORE.
FlowFAST H Cabinets are “ISO Class 3” horizontal laminar flow cabinets which represent far more economical and valid alternatives to clean-rooms, as they are capable of providing uncontaminated, particle-free and sterile conditions for materials in the work-space.

They guarantee and maintain excellent product protection factors by offering a decontaminated working area by virtue of the G3 pre-filter - and a H14 HEPA/ULPA filter with an efficiency exceeding 99,995 % MPPS (H14 - EN:1822).

The FlowFast H horizontal laminar airflow cabinets have epoxy powder coated steel structures and an AISI 304L stainless steel working surface as standard. Laminated working surface available on demand.

Alternatively special models made in AISI 304L stainless steel for superior cleanability are also available on demand.
The ambient air is drawn in from the top through the upper part of the cabinet via a pre-filter and it then passes after filtration through a H14 HEPA/ULPA filter into the working area in an horizontal laminar air flow pattern and exhausted outside.

OPERATIONAL PRINCIPLES

UV STERILIZING LAMP
UV sterilizing lamp available as added option - complete with a flexible front shutter in order to close the working area from dust and for the safety of operators.

SUPERIOR FEATURES
Structure of the FlowFAST H model horizontal LAF cabinets is in epoxy powder coated cold-rolled steel for excellent corrosion resistance to the attack by aggressive common chemicals. Alternatively special models made in AISI 304L stainless steel for superior cleanability are also available on demand.
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WALL SIDE
Transparent side walls in safety glass and flexible frontal closure shutter (available as an option).

ANTI BACTERIAL COATING
Each FASTER cabinet is coated with exclusive Dupont™ ALESTA® anti-bacterial “Ag⁺ cations-based solution”, capable to prevent microbial contamination of surfaces thereby inhibiting long term surface growth.

OUTLETS
Standard outlet:
• 1 electrical socket
Outlets available as option, fitted on side glass panels:
• Gas and vacuum manual tap.

WORK SURFACES
Work Surfaces are made in stainless steel AISI 304L (standard version) - or made of non-reflective plastic laminated panel (special version) on demand.
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THE USER-FRIENDLY PRACTICAL KEYBOARD

Membrane keyboard front panel with touch-sensitive buttons for:
- main On/Off switch,
- light,
- power socket,
- night mode and UV lamp.

It is fitted with digital display for indicating air velocity, and the relevant alarms in case the cabinet is equipped with anemometer and automatic airflow control.

APPLICATIONS

FlowFAST H have been adopted in use for product protection from airborne contamination or while handling non-pathogenic biological specimens in applications such as: Sterility Test, Microbiology, In Vitro Fertilization, Preparation of ophthalmic solutions, Preparation of culture media, Assembly of electronic devices, Nutritional Parenteral Therapy, Assembly of medical devices.
TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Description</th>
<th>FlowFAST H 09</th>
<th>FlowFAST H 12</th>
<th>FlowFAST H 15</th>
<th>FlowFAST H 18</th>
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</thead>
<tbody>
<tr>
<td>Overall Dimensions mm</td>
<td>945</td>
<td>1250</td>
<td>1555</td>
<td>1860</td>
</tr>
<tr>
<td>WxHxD</td>
<td>1195x925</td>
<td>1195x925</td>
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<td>Useful Dimensions mm</td>
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<td>1800</td>
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<td>Working aperture mm</td>
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<td>Weight kg</td>
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<td>122</td>
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<td>194</td>
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<td>Noise level dB(A)</td>
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<td>Electrical Supply 1Ph+E-230V 50Hz</td>
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<tr>
<td>Power Kw</td>
<td>0.70</td>
<td>0.90</td>
<td>1.40</td>
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</table>

OPTIONS AND ACCESSORIES

- Automatic speed regulator and digital anemometer
- D.O.P. inlet
- Service connection for electrical power
- Service connection for gas/vacuum (manual tap)
- Differential pressure gauge
- Hour counter
- Stainless steel bar for bags to be fitted on FlowFast H 09/FlowFast H 12/FlowFast H 15/FlowFast H 18

EN ISO 9001:2000 quality assured firm
Certificate n°112