Fume Hood

**Feature**

**Air Leak Cabinet Structure**
with high clean stainless steel interior work station and epoxy powder coated steel exterior for long durability

**Tempered Safety Glass Sliding Door**
for maintain high quality cleanliness and for clear view

**Low Noise Level and Vibration Free**
56~60 dB high efficiency sirocco fan blower

**Microprocessor Digital Controller**
Air velocity and alarm system temperature monitor at working zone

**Inflow Air Velocity Control**
Inflow velocity 0.5m/s

**Temperature Monitoring System**
digital temperature display at working zone

Customized structure available as optional order

---

Design and Performance are conform to International Standard:

- SEFA 1~2002
- ASHRAE 110~95
- AS2243~8
- EN 14176
- BS 7258

---

**By-Pass Air Flow System Selection Guide**

- **Sash OPEN**
- **Sash CLOSED**
- **Limited By-Pass**
- **Sash OPEN**
- **Sash CLOSED**
- **Constant By-Pass**

Custom made order is available
Specifications can be changed without prior notice for quality improvement.
Laminar Flow Clean Bench - Silver Model

Vertical Air Flow Type

Horizontal Air Flow Type

Custom made order is available.
Specifications can be changed without prior notice for quality improvement.
**Vertical / Horizontal Air flow type**

Excellent Performance by Unique Designed Structure and Air Flow System

**Feature**

ISO 14644-1, ISO Class 5 (Class 100) Standards Compliance
HEPA Filter removes 99.99% of 0.3μm particles

Air Leak Proof Cabinet Structure
with High clean stainless steel interior work station and epoxy powder coated steel exterior for long durability

Tempered Safety Glass Wall
at both sides for observation view

Low Noise Level and Vibration free
56~60 dB High efficiency sirraco fan Blower

Laminar Air Flow
at 0.3 ~ 0.6 m/s air velocity

- Filter Replacement Warning Signal by Pressure gauge
- Built-in Mesh guard for Filter protection
- One touch to open front panel for maintenance
- UV Sterilization
- Optional order : Movable stand should be ordered separately with model number as below.

---

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LCB-1101VE</th>
<th>LCB-1121VE</th>
<th>LCB-1151VE</th>
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<td>Dimension (W × D × H mm)</td>
<td>Inner 890 x 600 x 600</td>
<td>Outer 1050 x 800 x 1170</td>
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<tr>
<td>Air Volume</td>
<td>980 m³/h</td>
<td>1350 m³/h</td>
<td>1700 m³/h</td>
</tr>
<tr>
<td>Controller</td>
<td>Main S / W, UV lamp S / W, FL lamp S / W, Fan S / W</td>
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<td></td>
</tr>
<tr>
<td>HEPA Filter</td>
<td>Class 100, purity 0.3μm Particle Removal 99.99%</td>
<td></td>
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</tr>
<tr>
<td>Prefilter</td>
<td>3~30 μm Particle Removal, Built-in Back panel</td>
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</tr>
<tr>
<td>Air flow velocity</td>
<td>0.3 ~ 0.6 m/sec</td>
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<tr>
<td>Noise Level</td>
<td>56 ~ 60 dBA</td>
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<tr>
<td>Light</td>
<td>UV 20 W × 1 EA, FL 20W × 1EA</td>
<td>UV 40 W × 1 EA, FL 40W × 1EA</td>
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<tr>
<td>Material</td>
<td>Interior Stainless Steel 304</td>
<td>Exterior Epoxy Powder Coated Electro Galvanized Steel</td>
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<tr>
<td>Door Cover</td>
<td>Removable Acrylic Door Cover</td>
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<tr>
<td>Utility Device (Option)</td>
<td>Air Cock, Gas Cock, 110 / 220V Consent (Only Vertical type is available)</td>
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<tr>
<td>Electric Supply</td>
<td>110V 60Hz or 220V 50/60 Hz</td>
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Optional Stand | LST-0100H / V | LST-0120H / V | LST-0150H / V

Custom made order is available
Specifications can be changed without prior notice for quality improvement.
Laminar Flow Clean Bench - Gold Model

Option 1: ULPA Filter 99.999%
- ISO Class 4 (Class 10)

Option 2: LCB-Platinum Controller
- Air Velocity Control & Alarm System
- Temperature Monitor at Working zone

Option 3: Glass structure
- Tempered Safety Glass Wall
  at both sides for observation view

Custom made order is available.
Specifications can be changed without prior notice for quality improvement.
**Vertical / Horizontal Air Flow Type**

Excellent Performance by Unique Designed Structure and Air Flow System

**Feature**

ISO 14644-1, ISO Class 5 (Class 100)

Standards Compliance
HEPA Filter removes 99.99% of 0.3μm particles

Easy to Replace Filter from the Back Panel
with maintenance design and structure

Laminar Air flow and Uniform air velocity
provide high clean filter air for high perfor-
mance

Built-In Lamps and Utilities
UV and Fluorescent Lamp, air and gas cock,
power consent are built as standard

- [ ] Filter Replacement Warning Signal by Pressure gauge & Controller display
- [ ] Built-in Mesh guard for HEPA Filter protection
- [ ] One touch front panel for easy maintenance
- [ ] UV Sterilization with on/off working timer
- [ ] Option : ULPA Filter 99.999% of 0.3μm particle remove
- [ ] Optional Order : Movable stand should be ordered separately with model number as below.

Air Leak Proof Cabinet Structure
with High clean stainless steel interior work station and epoxy powder coated steel exterior for long durability

Tempered Safety Glass Sliding Door
for maintain high quality cleanliness and for protection from UV exposure

Low Noise Level and Vibration free
56~60 dB High efficiency sirocco fan Blower

Microprocessor Digital Controller
with LCD back light display

Optional movable stand

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<th>Inner</th>
<th>Outer</th>
<th>Inner</th>
<th>Outer</th>
<th>Inner</th>
<th>Outer</th>
<th>Inner</th>
<th>Outer</th>
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<td>1490 x 550 x 650</td>
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<td>1350 x 800 x 1170</td>
<td>1650 x 800 x 1170</td>
<td>1950 x 800 x 1170</td>
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<tr>
<td>Air Volume (m³/h)</td>
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<td>1350</td>
<td>1700</td>
<td>2030</td>
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<td>9 stage velocity control, Total using timer, UV/FL Lamp on/off</td>
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<td>HEPA Filter</td>
<td>Class 100, purity 0.3 μm Particle Removal 99.99 %</td>
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<tr>
<td>Prefilter</td>
<td>3~30 μm Particle Removal, Built-in Back panel</td>
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<td>Air flow velocity</td>
<td>0.3 ~ 0.6 m/sec</td>
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<td>Noise Level</td>
<td>56 ~ 60 dBA</td>
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<td>UV 20 W x 1 EA, FL 20W x 1EA</td>
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<tr>
<td>Light</td>
<td>UV 40 W x 1 EA, FL 40W x 1EA</td>
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<td>Interior</td>
<td>Stainless Steel 304</td>
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<tr>
<td></td>
<td>Exterior</td>
<td>Epoxy Powder Coated Electro Galvanized Steel</td>
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</tr>
<tr>
<td>Door</td>
<td>Tempered Safety Glass Sliding Door</td>
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<tr>
<td>Utility Device</td>
<td>Air Cock, Gas Cock, 110 / 220V Consent</td>
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<tr>
<td>Electric Supply</td>
<td>110V, 60Hz or 220V, 50/60 Hz</td>
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</table>

Optional Stand | LST-0100V/H | LST-0120V/H | LST-0150V/H | LST-0180V/H

Custom made order is available
Specifications can be changed without prior notice for quality improvement.
Bio Hazard Safety Cabinet - Gold Model

Bench Top Standing

Class II Biological Safety Cabinets
protection for personnel, product
and environment

Standard Platinum Controller
Air Velocity Control & Alarm System
Temperature Monitor at Working zone

Type A2 : Ratio of exhausted air
70% of the air is recirculated
30% of the air is exhausted

Option 1 : ULPA Filter 99.999%
ISO Class 4 (Class 10)

Option 3 : Glass structure
Tempered Safety Glass Wall
at both sides for observation view

Interior View

LCB-0103B-A2 with movable stand

Custom made order is available
Specifications can be changed without prior notice for quality improvement.
Class II Type A2

Excellent Performance with Inflow and Downflow by Unique Designed Structure and Air Flow System

**Feature**

ISO 14644-1, ISO Class 5 (Class 100)
Standards Compliance
HEPA filter removes 99.99% of 0.3μm particles

Easy to Replace Filter from the Front Panel
with maintenance free design and structure

Laminar Air flow and Uniform air velocity
provide high clean filter air for high performance

Built-In Lamps and Utilities
UV and fluorescent lamp, air and gas cock, power consent are built as standard

- Easy to replace HEPA Filter in front panel
- Built-in Mesh guard for HEPA Filter protection
- Removable Working Tray
  easy to clean and disinfection for working zone
- One touch open front panel for easy maintenance
- Maximum Door Opening Alarm
  to protect air flow performance and safety
- UV Sterilization with on/off working timer

* Compliance with KSM 9901 : 2002, ISO 14644-1,
  EN 12469 and NSF 49 Type—tested, EN 61010-1

---

<table>
<thead>
<tr>
<th>MODEL</th>
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<td>1190 x 600 x 600</td>
<td>1490 x 600 x 600</td>
<td>1790 x 600 x 600</td>
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<tr>
<td>Outer 1050 x 800 x 1170</td>
<td>1350 x 800 x 1170</td>
<td>1650 x 800 x 1170</td>
<td>1950 x 800 x 1170</td>
<td></td>
</tr>
<tr>
<td>Air Volume m³/h</td>
<td>980 m³/h</td>
<td>1350 m³/h</td>
<td>1700 m³/h</td>
<td>2030 m³/h</td>
</tr>
<tr>
<td>Controller</td>
<td>Air velocity and Temperature monitoring, Automatic Air Velocity control</td>
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<td></td>
<td>Low Air Velocity visual &amp; audible Alarm, Filter using &amp; change time Alarm</td>
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<td></td>
<td></td>
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<tr>
<td></td>
<td>Clock and Timer, Auto stop for door excess open</td>
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<tr>
<td>HEPA Filter</td>
<td>Class 100, purity 0.3 μm Particle Removal 99.99 %</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air flow velocity Down flow</td>
<td>0.3 ~ 0.36 m/sec</td>
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<td>In flow</td>
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<td>Noise Level</td>
<td>56 ~ 60 dBA</td>
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</tr>
<tr>
<td>Light</td>
<td>UV 20 w x 1 ea, FL 20w x 1ea</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>UV 40 w x 1 ea, FL 40w x 1ea</td>
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<td></td>
</tr>
<tr>
<td>Material</td>
<td>Interior Stainless Steel 304</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>Exterior Epoxy Powder Coated Electro Galvanized Steel</td>
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<tr>
<td>Door</td>
<td>Tempered Safety Glass Sliding Door</td>
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<tr>
<td>Utility Device</td>
<td>Air Cock, Gas Cock, 110 / 220V Consent</td>
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<tr>
<td>Electric Supply</td>
<td>110V 60Hz or 220V 50/60 Hz</td>
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</tbody>
</table>

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Optional Stand | LST-0100B | LST-0120B | LST-0150B | LST-0180B |

Custom made order is available
Specifications can be changed without prior notice for quality improvement.
Laminar Flow Clean Bench - Platinum Model

Option 1: ULPA Filter 99.999%
   > ISO Class 4 (Class 10)

Option 2: LCB-Platinum Controller
   Air Velocity Control & Alarm System
   Temperature Monitor at Working zone

Option 3: Glass structure
   Tempered Safety Glass Wall
   at both sides for observation view

Vertical Air Flow Type

Horizontal Air Flow Type

Custom made order is available.
Specifications can be changed without prior notice for quality improvement.
Vertical / Horizontal Air Flow Type

Excellent Performance by Unique Designed Structure and Air Flow System

Feature

ISO 14644-1, ISO Class 5 (Class 100) Standards Compliance
HEPA filter removes 99.99% of 0.3μm particles

Easy to Replace Filter from the Back Panel
with maintenance free design and structure

Laminar Air flow and Uniform air velocity
provide high clean filter air for high performance

Built-In Lamps and Utilities
UV and fluorescent lamp, air and gas cock, power consent are built as standard

One Piece Cabinet Structure
no required separate stand, easy to move, free from the loading

- Filter Replacement Warning Signal by Pressure gauge & Controller display
- Built-in Mesh guard for HEPA Filter protection
- One touch open front panel for easy maintenance
- UV Sterilization with on/off working timer
- Option : ULPA Filter 99.999% of 0.3 μm particle remove

Air Leak Proof Cabinet Structure
with high clean stainless steel interior work station and epoxy powder coated steel exterior for long durability

Tempered Safety Glass Sliding Door
for maintain high quality cleanliness and for protection from UV exposure

Low Noise Level and Vibration free
56~60 dB high efficiency sirocco fan blower

Microprocessor Digital Controller
with LCD back light display

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LCB-901V</th>
<th>LCB-1201V</th>
<th>LCB-1501V</th>
<th>LCB-1801V</th>
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<tbody>
<tr>
<td>Vertical Air Flow Type</td>
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<tr>
<td>Dimension</td>
<td>Inner</td>
<td>890 x 550 x 650</td>
<td>1190 x 550 x 650</td>
<td>1490 x 550 x 650</td>
</tr>
<tr>
<td></td>
<td>Outer</td>
<td>1050 x 800 x 1880</td>
<td>1350 x 800 x 1880</td>
<td>1650 x 800 x 1880</td>
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<tr>
<td>Air Volume</td>
<td>980 m³/h</td>
<td>1350 m³/h</td>
<td>1700 m³/h</td>
<td>2030 m³/h</td>
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<tr>
<td>Controller</td>
<td>9 stage velocity control, Total using timer, UV/FL Lamp on/off</td>
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<tr>
<td>HEPA Filter</td>
<td>Class 100, purity 0.3 μm Particle Removal 99.99%</td>
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<td>Light</td>
<td>UV 20 W x 1 EA, FL 20W x 1EA</td>
<td>UV 40 W x 1 EA, FL 40W x 1EA</td>
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<tr>
<td>Material</td>
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<td>Stainless Steel 304</td>
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<td>Exterior</td>
<td>Epoxy Powder Coated Electro Galvanized Steel</td>
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</tr>
<tr>
<td>Utility Device</td>
<td>Air Cock, Gas Cock, 110 / 220V Consent</td>
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<tr>
<td>Electric Supply</td>
<td>110V, 60Hz or 220V, 50/60Hz</td>
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</table>

Custom made order is available
Specifications can be changed without prior notice for quality improvement.
Bio Hazard Safety Cabinet - Platinum Model

Floor Standing

Class II Biological Safety Cabinets
- protection for personnel, product, and environment

Type A2: Ratio of Exhausted Air
- 70% of the air is recirculated
- 30% of the air is exhausted

Option 1: ULPA Filter 99.999%
- ISO Class 4 (Class 10)

Option 2: Glass structure
- Tempered Safety Glass Wall at both sides for observation view

Standard Platinum Controller
- Air Velocity Control & Alarm System
- Temperature Monitor at Working zone

Custom made order is available
Specifications can be changed without prior notice for quality improvement.
Excellent Performance with Inflow and Downflow by Unique Designed Structure and Air Flow System

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
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<tbody>
<tr>
<td>ISO 14644-1, ISO Class 5 (Class 100) Standards Compliance</td>
<td>HEPA filter removes 99.99% of 0.3μm particles</td>
</tr>
<tr>
<td>Easy to Replace Filter from the Front Panel</td>
<td>with maintenance free design and structure</td>
</tr>
<tr>
<td>Laminar Air flow and Uniform air velocity</td>
<td>provide high clean filter air for high performance</td>
</tr>
<tr>
<td>Built-in Lamps and Utilities</td>
<td>UV and fluorescent lamp, air and gas cock, power consent are built-in as standard</td>
</tr>
<tr>
<td>Easy to replace HEPA Filter in front panel</td>
<td></td>
</tr>
<tr>
<td>Built-in Mesh guard for HEPA Filter protection</td>
<td></td>
</tr>
<tr>
<td>Removable Working Tray</td>
<td>easy to clean and disinfection for working zone</td>
</tr>
<tr>
<td>One touch open front panel for easy maintenance</td>
<td></td>
</tr>
<tr>
<td>Maximum Door Opening Alarm</td>
<td>to protect air flow performance and safety</td>
</tr>
<tr>
<td>UV Sterilization with on/off working timer</td>
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<tr>
<td>Compliance with KSM 9901 : 22002, ISO 14644-1, EN 12469 and NSF 49 Type-tested, EN 61010-1</td>
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<td>Air Volume</td>
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<tr>
<td>(approx.)</td>
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<tr>
<td>Airflow velocity</td>
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<tr>
<td>Downflow</td>
<td>0.3 ~ 0.36 m/sec</td>
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<td>&gt; 0.5 m/sec</td>
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</tr>
<tr>
<td>Inflow</td>
<td></td>
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<tr>
<td>Noise Level</td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>56 ~ 60 dBA</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Light</td>
<td>UV 20 W x 1 EA, FL 20W x 1EA</td>
<td>UV 40 W x 1 EA, FL 40W x 1EA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Material</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interior</td>
<td>Stainless Steel 304</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Exterior</td>
<td>Epoxy Powder Coated Electro Galvanized Steel</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Door</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Tempered Safety Glass Sliding Door</td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>Utility Device</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air Cock, Gas Cock, 110 / 220V Consent</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Electric Supply</td>
<td></td>
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<td></td>
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<tr>
<td>110V 60Hz or 220V 50/60Hz</td>
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</tbody>
</table>

Custom made order is available. Specifications can be changed without prior notice for quality improvement.
Bio Hazard Safety Cabinet - Platinum Models

Floor Standing

Class II Biological Safety Cabinets
Protection for personnel, product, and environment

Type B2: Ratio of Exhausted Air
100% of the air is exhausted

Option 1: ULPA Filter 99.999%
ISO Class 4 (Class 10)

Standard Duct
with separate blower

Control Function

- **Menu Display**
  - 1. UV Time Set
  - 2. Air Speed Set
  - 3. Filter Status

- **Menu Display**
  - 4. Filter Change
  - 5. Clock Setting
  - 6. Manufactured

- **Alarm for Filter**

- **Alarm for Air Velocity**

- **Alarm for Door Open**

- **Air Velocity Set**

- **Display for Working**

Custom made order is available.
Specifications can be changed without prior notice for quality improvement.

Standard Platinum Controller
Air Velocity Control & Alarm System
Temperature Monitor at working zone
Excellent Performance with Inflow and Downflow by Unique Designed Structure and Air Flow System

Feature

ISO 14644-1, ISO Class 5 (Class 100) Standards Compliance
HEPA filter removes 99.99% of 0.3μm particles

Easy to Replace Filter from the Front Panel
with maintenance free design and structure

Laminar Airflow and Uniform air velocity
provide high clean filter air for high performance

Built-In Lamps and Utilities
UV and fluorescent lamp, air and gas cock,
power consent are bullied as standard

- Easy to replace HEPA Filter in front panel
- Built-in Mesh guard for HEPA Filter protection
- Removable Working Tray
easy to clean and disinfection for working zone
- One touch open front panel for easy maintenance
- Maximum Door Opening Alarm
to protect air flow performance and safety
- UV Sterilization with on/off working timer

Air Leak Proof Cabinet Structure
with high clean stainless steel interior work station
and epoxy powder coated steel exterior for long durability

Tempered Safety Glass Sliding Door
for maintain high quality cleanliness and
for protection from UV exposure

Low Noise Level and Vibration free
56~60 dB high efficiency sirroco fan blower

Microprocessor Digital Controller
with LCD back light display

Air Velocity Control & Alarm System
Temperature monitor at working zone

※ Compliance with KSM 9901 : 22002, ISO 14644-1,
EN 12469 and NSF 49 Type–tested, EN 61010-1

<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Dimension</td>
<td>Inner 890 x 620 x 635</td>
<td>1190 x 620 x 635</td>
<td>1490 x 620 x 635</td>
</tr>
<tr>
<td></td>
<td>Outer 1050 x 1000 x 2050</td>
<td>1350 x 1000 x 2050</td>
<td>1650 x 1000 x 2050</td>
</tr>
<tr>
<td>Air Volume (approx.)</td>
<td>980 m³/h</td>
<td>1350 m³/h</td>
<td>1700 m³/h</td>
</tr>
<tr>
<td>Microprocessor</td>
<td>Air velocity and Temperature monitoring, Automatic Air Velocity control</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Digital LCD Controller</td>
<td>Low Air Velocity visual &amp; audible Alarm, Filter using &amp; change time Alarm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HEPA Filter</td>
<td>Class 100, purity 0.3μm Particle Removal 99.99 %</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air flow velocity</td>
<td>Down flow 0.3 ~ 0.36 m/sec</td>
<td>In flow &gt; 0.5 m/sec</td>
<td></td>
</tr>
<tr>
<td>Noise Level</td>
<td>56 ~ 60 dB</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Light</td>
<td>UV 20 W x 1 EA, FL 20W x 1EA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Material</td>
<td>Interior Stainless Steel 304</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Exterior Epoxy Powder Coated Electro Galvanized Steel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Door</td>
<td>Tempered Safety Glass Sliding Door</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Utility Device</td>
<td>Air Cook, Gas Cook, 110 / 220V Consent</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electric Supply</td>
<td>110V 60Hz or 220V 50/60Hz</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Laminar Air Flow Clean Booth

Clean Booths provide clean room environmental for contamination free with cost saving and economic.

<table>
<thead>
<tr>
<th>Feature</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO 14644-1, ISO Class 5 (Class 100) Standards Compliance</td>
</tr>
<tr>
<td>HEPA filter removes 99.99% of 0.3 μm particles</td>
</tr>
<tr>
<td>Easy to Replace Filter from the Front Panel with maintenance free design and structure</td>
</tr>
<tr>
<td>Laminar Airflow and Uniform air velocity provide high clean filter air for high performance</td>
</tr>
<tr>
<td>Built-In Lamps and Utilities UV and fluorescent lamp, air and gas cock, power consent are built as standard</td>
</tr>
<tr>
<td>Easy to assemble with the fixed components</td>
</tr>
<tr>
<td>Dimensions of Clean Booth is required by customers</td>
</tr>
<tr>
<td>Ready to Use Fan Filter Units is required by customers</td>
</tr>
<tr>
<td>All sizes are available at customers application the size of clean booth shown is W1500 x D1500 x H2000mm</td>
</tr>
</tbody>
</table>

Ordering Information
Model No.: LCB-1500 VB width 1500mm
LCB-2000 VB width 2000mm
LCB-2500 VB width 3000mm

*Please note the dimension, when order is placed

Interior View

Laminar Air Flow System

Custom made order is available Specifications can be changed without prior notice for quality improvement.
Air Sterilized Purifier

LabCare / MediCare - A brand of Air Sterilizer & Air Purifier

Biological Laboratory is required

- Easy to change filter
- Patent Sterilization System
- Health Care for hospitals, clinics and laboratory
- LabCare / MediCare purifies air by eliminating particles and dusts harmful gases and odors
- LabCare / MediCare sterilizes bacteria, germs and virus in the air

* Color is available Red (Option) and Silver White (Standard)

<table>
<thead>
<tr>
<th>LSP-1007 + Color</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dimension</strong> (W x D x H mm)</td>
</tr>
<tr>
<td>420 x 230 x 630</td>
</tr>
</tbody>
</table>

* The air sterilized purifier is designed and developed by Labtech bio medical division based on laboratory / medical equipment technology.

Custom made order is available
Specifications can be changed without prior notice for quality improvement.
Fume Hood

Feature

**Built-in Sirocco Fan on the Top**
Compact designed centrifugal suction and blower

**Air Leak Proof Cabinet Structure**
with high clean stainless steel interior work station and epoxy powder coated steel exterior for long durability

**Tempered Safety Glass Sliding Door**
for maintain high quality cleanliness and for clear view operated by counter balanced weight

**Low Noise Level and Vibration Free**
56~60 dB high efficiency sirocco fan blower

**Analog Controller On ~ Off Switch**
On-Off switch with analog speed controller

**Inflow Air Velocity Control**
range 0.3m/s to 1.0m/s

**Mechanical Design Structure**
High durable and sturdy base cabinet and Fume Cupboard

Design and Performance are conform to International Standard:
- SEFA 1−2002
- ASHRAE 110−95
- AS2243−8
- EN 14175
- BS 7298

By - Pass Air Flow System Selection Guide

- Sash OPEN
- Sash CLOSED
- Limited By-Pass
- Sash OPEN
- Sash CLOSED
- Constant By-Pass

Custom made order is available
Specifications can be changed without prior notice for quality improvement.
Silver Model

Design and Specification
is available from your requirement

Controller
Canopy Hood
Table Top Hood

Material Selection Guide

Work Top (Refer to page 104)
1. Synthetic ceramic work top as standard
2. Stainless steel top 304 or 316 as optional
3. Epoxy resin top, Heavy duty as optional
4. Trespa phenolic work top as optional

Sink
1. PP or PVC Round type
2. PP or Stainless steel Rectangular Type

Exterior Structure
1. Epoxy powder coated EGI
2. Hair-lined stainless steel 430 or 304 as optional

Interior Structure
1. Hair-lined stainless steel 430 as standard
2. Hair-lined stainless steel 304 or 316 as optional
3. Trespa phenolic resin as optional
4. Epoxy powder coated EGI for economic models

Exterior Color Selection for 2 tone
1. Main color: off-white / light grey / dark grey
2. Front panel: dark blue / red purple / all light grey
3. Base Stand: dark blue / red purple with light grey

Centrifugal sirocco Fan
1. EGI steel fan with epoxy powder coated
2. Polypropylene fan for anti-acid

Sash Glass
1. Tempered safety glass t: 5mm
2. Tempered safety glass with laminated t: 6mm

<table>
<thead>
<tr>
<th>MODEL</th>
<th>LFH-120SCI</th>
<th>LFH-150SCI</th>
<th>LFH-180SCI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimensions (W x D x H mm)</td>
<td>Inner: 1050 x 650 x 1050</td>
<td>Outer: 1200 x 750 x 2410</td>
<td>1450 CMH (+/- 10%)</td>
</tr>
<tr>
<td>Air Volume (Approx.)</td>
<td>1350 x 650 x 1050</td>
<td>1500 x 750 x 2410</td>
<td>16500 x 650 x 1050</td>
</tr>
<tr>
<td>Built-in Sirocco Fan</td>
<td>1450 CMH (+/- 10%)</td>
<td>2400 CMH (+/- 10%)</td>
<td></td>
</tr>
<tr>
<td>Controller</td>
<td>260W</td>
<td>400W</td>
<td>400W</td>
</tr>
<tr>
<td>Face Air Velocity</td>
<td>0.5 m/sec at Factory set</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air Speed Control Range</td>
<td>0.3 - 1.0 m / sec</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Noise Level</td>
<td>56 - 60dBA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Light with safety cover</td>
<td>Incandescent lamp x 1EA</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Material</td>
<td>Interior: Stainless steel 430 Hair - lined</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Exterior: Epoxy powder coated Electro Galvanized steel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sash Door</td>
<td>Tempered safety glass sliding door with stainless steel frame</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Utility Device</td>
<td>Water faucet, Air cock, Gas cock</td>
<td></td>
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<tr>
<td></td>
<td>2 Ports power Receptacle 110V or 220V x 2ea</td>
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</tr>
<tr>
<td>Electric Supply</td>
<td>110V 60Hz or 220V 50/60 Hz</td>
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</tr>
</tbody>
</table>

Custom made order is available
Specifications can be changed without prior notice for quality improvement.
Feature

Built-in Sirocco Fan on the Top
Compact designed centrifugal suction and blower

Air Leak Proof Cabinet Structure
with high clean stainless steel interior work
station and epoxy powder coated steel exterior
for long durability

Tempered Safety Glass Sliding Door
for maintain high quality cleanliness and
for clear view operated by counter balanced weight

Low Noise Level and Vibration Free
56–60 dB high efficiency sirocco fan blower

Microprocessor Digital Controller
Automatic compensated Air Velocity control and
low air velocity alarm system and temperature
monitor at working for data logging

Inflow Air Velocity Control
range 0.3m/s to 1.0m/s

Mechanical Design Structure
High durable and sturdy base cabinet and
Fume Cupboard

Design and Performance are
conform to International Standard :
- SEFA 1–2002
- ASHRAE 110–95
- AS2243–B
- EN 14175
- DG 7256

By – Pass Air Flow System
Selection Guide

Sash OPEN

Sash CLOSED

Limited By–Pass

Sash OPEN

Sash CLOSED

Constant By–Pass

Custom made order is available
Specifications can be changed without prior notice for quality improvement.
Fume Hood

Standard Platinum Controller
Air Velocity control & Alarm system
Temperature monitor at Working zone

Material Selection Guide

Work Top (Refer to page 104)
1. Synthetic ceramic work top as standard
2. Stainless steel top 304 or 316 as optional
3. Epoxy resin top, Heavy duty as optional
4. Trespa phenolic work top as optional

Sink
1. PP or PVC Round type
2. PP or Stainless steel Rectangular Type

Exterior Structure
1. Epoxy powder coated EGI
2. Hair-lined stainless steel 430 or 304 as optional

Interior Structure
1. Hair-lined stainless steel 304 as standard
2. Hair-lined stainless steel 316 as optional
3. Trespa phenolic resin as optional
4. Epoxy powder coated EGI for economic models

Exterior Color Selection for 2 tone
1. Main color : off-white / light grey / dark grey
2. Front panel : dark blue / red purple / all light grey
3. Base Stand : dark blue / red purple with light grey

Centrifugal sirocco Fan
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2. Polypropelen fan for anti-acid

Sash Glass
1. Tempered safety glass t : 5 mm
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<table>
<thead>
<tr>
<th>MODEL</th>
<th>LFH- 1120H</th>
<th>LFH-1150H</th>
<th>LFH-1180H</th>
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<tbody>
<tr>
<td>Dimensions (W x D x H mm)</td>
<td>Inner 1050 x 650 x 1050</td>
<td>Outer 1200 x 750 x 2410</td>
<td>1350 x 650 x 1050</td>
</tr>
<tr>
<td>Air Volume (Approx.) CMH</td>
<td>Inner 1300</td>
<td>Outer 1300 CMH (+/- 10%)</td>
<td>1300 CMH (+/- 10%)</td>
</tr>
<tr>
<td>Built-in Sirocco Fan</td>
<td>280 W</td>
<td>400 W</td>
<td></td>
</tr>
<tr>
<td>Controller</td>
<td>Air velocity and monitoring, automatic air velocity control</td>
<td>Low air velocity visual &amp; audible alarm, Clock and time, auto stop for door excess open</td>
<td></td>
</tr>
<tr>
<td>Face Air Velocity</td>
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