Model LH-102P Horizontal Clean Air Workstation Hood:

This Horizontal Laminar Flow Unit is Great for Operations that Do Not require overhead clearance...

- Standard Width Sizes include 36”, 48”, 60”, 72” and 96”
- Customizable (RDM can accommodate custom needs)
- Light & Blower Switch are combined into one so that user knows when unit is in operating mode.
- Fluorescent Light Fixture(s)
- Plugs into standard 115v Outlet
- Elec. Junction Box with 12’ cord
- Optional Features (Not Included):
  - Full-Height, Vertical Slat Curtain available
  - ULPA Filter(s) available
  - ESD Work Surface
  - Static Control Ionizing Grid(s) available
  - Power Outlet Strip(s) – 8 & 16 Outlet
**LFH-102P-6 HORIZONTAL LAMINAR FLOW HEPA WORKSTATION**

**Dimensions:**

- Dimension A (WIDTH) - 6'-5''
- Dimension A1 (TOP WIDTH) - 6'-0 7/8''
- Dimension B (DEPTH) - 3'-9''
- Dimension B1 (TOP DEPTH) - 2'-3 7/8''
- Dimension C (HEIGHT) - 5'-1 1/2''
- Dimension D (TOP HEIGHT) - 3'-0''
- Dimension E (CLR. OPEN'G) - 1'-10 1/2''

**Standard Features:**

- Dual HEPA Fan Filter Units w/ Speed Control
- Durable Welded Tube Steel Construction
- Plastic-Laminated Main Work Surface (Shelf Optional)
- White Polyurethane Paint
- 1/2'' Side Panels
- Appx. 400# with Laminate Top
- 12' Long, 115v Power Cord

**Surface Options:**

- Stainless Steel, Type 304, #4 Finish
- Perforated Stainless Steel, Type 304, #4 Finish
- ESD Laminate Color ______
- 180 Degree Rolled Front Edge
- Power Strip 6 8 15
- Clean Room Compatible

**General Options:**

- Cleanroom Shroud
- Casters/Rollers W/ Brakes
- Cleanroom Casters W/ Brakes
- ABS Plastic Modular Drawer System
- Metal File Drawers Metal Utility Drawers
- Full Front Panel
- Lower Shelf HALF FULL

**TOTAL UNIT QTY.: _______
OVERALL DIMENSIONS: 3'-9''D x 6'-5''W x 5'-1 1/2''H**

**Light & HEPA FFU are both listed. Total Power Draw appx. 5amps (operating) 9amps (start-up)**
**LFH-102P-6 HORIZONTAL LAMINAR FLOW HEPA WORKSTATION**

**Dimensions:**
- Dimension A (WIDTH) - 6'-5"
- Dimension A1 (TOP WIDTH) - 6'-0 7/8"
- Dimension B (DEPTH) - 3'-9"
- Dimension B1 (TOP DEPTH) - 2'-3 7/8"
- Dimension C (HEIGHT) - 5'-10 1/2"
- Dimension D (TOP HEIGHT) - 3'-4"
- Dimension E (CLR. OPEN'G) - 1'-10 1/2"

**Standard Features:**
- Dual HEPA Fan Filter Units w/ Speed Control
- Durable Welded Tube Steel Construction
- Plastic-Laminated Main Work Surface (Shelf Optional)
- White Polyurethane Paint
- 1/2" Side Panels
- Appx. 400# with Laminate Top
- 12' Long, 115v Power Cord

**Surface Options:**
- Stainless Steel, Type 304, #4 Finish
- Perforated Stainless Steel, Type 304, #4 Finish
- ESD Laminate Color
- 180 Degree Rolled Front Edge
- Power Strip: 6, 8, 15
- Clean Room Compatible

**General Options:**
- Cleanroom Shroud
- Casters/Rollers W/ Brakes
- Cleanroom Casters W/ Brakes
- ABS Plastic Modular Drawer System
- Metal File Drawers Metal Utility Drawers
- Full Front Panel
- Lower Shelf HALF FULL

**TOTAL UNIT QTY.: ____**

**OVERALL DIMENSIONS: 3'-9"D x 6'-5"W x 5'-10 1/2"H**

Light & HEPA FFU are both listed. Total Power Draw appx. 5amps (operating) 9amps (start-up)

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**General Note:** This drawing is the property of RDM Industrial Products and any use of this drawing without the written consent of RDM is prohibited. No responsibility is assumed by RDM for deviations from this drawing.
LFH-102P-8 HORIZONTAL LAMINAR FLOW HEPA WORKSTATION

Dimensions:
- Dimension A (WIDTH) - 8’-5”
- Dimension A1 (TOP WIDTH) - 8’-0 7/8”
- Dimension B (DEPTH) - 3’-9”
- Dimension B1 (TOP DEPTH) - 2’-3 7/8”
- Dimension C (HEIGHT) - 5’-1 1/2”
- Dimension D (TOP HEIGHT) - 3’-0”
- Dimension E (CLR. OPEN’G) - 1’-10 1/2”

Standard Features:
- Dual HEPA Fan Filter Units w/ Speed Control
- Durable Welded Tube Steel Construction
- Plastic-Laminated Main Work Surface (Shelf Optional)
- White Polyurethane Paint
- 1/2” Side Panels
- Appx.600# with Laminate Top
- 12’ Long, 115v Power Cord

Surface Options:
- Stainless Steel, Type 304, #4 Finish
- Perforated Stainless Steel, Type 304, #4 Finish
- ESD Laminate
- Color ______
- 180 Degree Rolled Front Edge
- Power Strip 6 8 15
- Clean Room Compatible

General Options:
- Cleanroom Shroud
- Casters/Rollers
- Cleanroom Casters
- ABS Plastic Modular Drawer System
- Metal File Drawers
- Metal Utility Drawers
- Lower Shelf
- HALF  FULL

TOTAL UNIT QTY.: _____
OVERALL DIMENSIONS: 3’-9” D x 8’-5” W x 5’-1 1/2” H

Light & HEPA FFU are both listed. Total Power Draw appx. 5amps (operating) 9amps (start-up)

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Milpitas, California 95035
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www.rdm-ind.com
LFH-102P-8 HORIZONTAL LAMINAR FLOW HEPA WORKSTATION

Dimensions:
- Dimension A (WIDTH) - 8' 5"
- Dimension A1 (TOP WIDTH) - 8' 0 7/8"
- Dimension B (DEPTH) - 3' 9"
- Dimension B1 (TOP DEPTH) - 2' 3 7/8"
- Dimension C (HEIGHT) - 5' 10 1/2"
- Dimension D (TOP HEIGHT) - 3' 0"
- Dimension E (CLR. OPEN'G) - 1' 10 1/2"

Standard Features:
- Dual HEPA Fan Filter Units w/ Speed Control
- Durable Welded Tube Steel Construction
- Plastic-Laminated Main Work Surface (Shelf Optional)
- White Polyurethane Paint
- 1/2" Side Panels
- Appx. 600# with Laminate Top
- 12' Long, 115v Power Cord

Surface Options:
- Stainless Steel, Type 304, #4 Finish
- Perforated Stainless Steel, Type 304, #4 Finish
- ESD Laminate
- Color __________
- 180 Degree Rolled Front Edge
- Power Strip [ ] 6 [ ] 8 [ ] 15
- Clean Room Compatible

General Options:
- Cleanroom Shroud
- Casters/Rollers [ ] W/ Brakes
- Cleanroom Casters [ ] W/ Brakes
- ABS Plastic Modular Drawer System
- Metal File Drawers [ ] Metal Utility Drawers
- Lower Shelf [ ] HALF [ ] FULL

TOTAL UNIT QTY.: __________
OVERALL DIMENSIONS: 3' - 9"D x 8' - 5"W x 5' - 10 1/2"H

Light & HEPA FFU are both listed.
Total Power Draw appx. 5amps (operating) 9amps (start-up)

www.rdm-ind.com
Model LF-102P Vertical Clean Air Hood:
Laminar Flow Hood with Removable Work Surface

- Standard Width Sizes include 36”, 48”, 60”, 72” and 96”
- Customizable (RDM can accommodate custom needs)
- Light & Blower Switch are combined into one so that user knows when unit is in operating mode.
- Fluorescent Light Fixture(s)
- Plugs into standard 115v Outlet
- Elec. Junction Box with 12’ cord
- Optional Features (Not Included):
  - Full-Height, Vertical Slat Curtain available
  - ULPA Filter(s) available
  - ESD Work Surface
  - Static Control Ionizing Grid(s) available
  - Power Outlet Strip(s) – 8 & 16 Outlet
**LF-102P-6 LAMINAR FLOW HEPA WORKSTATION**

**Dimensions:**
- Dimension A (WIDTH) - 6'-0"
- Dimension B (DEPTH) - 2'-5"
- Dimension C (HEIGHT) - 7'-1 1/2"
- Dimension D (TOP HEIGHT) - 3'-0"
- Dimension E (CLR. OPEN'G) - 2'-8 1/2"

**Standard Features:**
- Single HEPA Fan Filter Unit w/ Speed Control
- Durable Welded Tube Steel Construction
- Plastic-Laminated Main Work Surface (Shelf Optional)
- White Polyurethane Paint
- 1/4" Clear Acrylic Rear & Side Panels
- Removable Front Draft Guide (40 mil)
- Appx. 350# with Laminate Top
- 12' Long, 115v Power Cord

**Surface Options:**
- Stainless Steel, Type 304, #4 Finish
- Perforated Stainless Steel, Type 304, #4 Finish
- ESD Laminate
  - Color ______
- 180 Degree Rolled Front Edge
- Power Strip: 6, 8, 15
- Clean Room Compatible

**General Options:**
- Cleanroom Shroud
- Specialty Panels: UV, Opaque
- Casters/Rollers: W/ Brakes
- Cleanroom Casters: W/ Brakes
- ABS Plastic Modular Drawer System
- Metal File Drawers
- Metal Utility Drawers
- Full Front Panel
- Lower Shelf: HALF, FULL

**TOTAL UNIT QTY.: _____**
**OVERALL DIMENSIONS: 2'-6"D x 6'-0"W x 7'-1 1/2"H**

Light & HEPA FFU are both listed. Total Power Draw appx. 2.5amps (operating) 4.5amps (start-up)

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**RDM INDUSTRIAL PRODUCTS, INC.**
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**LF-102P-6 LAMINAR FLOW HEPA WORKSTATION**

**Dimensions:**
- Dimension A (WIDTH) - 6'-0"
- Dimension B (DEPTH) - 2'-6"
- Dimension C (HEIGHT) - 7'-4 1/2"
- Dimension D (TOP HEIGHT) - 3'-0"
- Dimension E (CLR. OPEN’G) - 2'-8 1/2"

**Standard Features:**
- Single HEPA Fan Filter Unit w/ Speed Control
- Durable Welded Tube Steel Construction
- Plastic-Laminated Main Work Surface (Shelf Optional)
- White Polyurethane Paint
- 1/4" Clear Acrylic Rear & Side Panels
- Removable Front Draft Guide (40 mil)
- Appx. 350# with Laminate Top
- 12' Long, 115v Power Cord

**Surface Options:**
- Stainless Steel, Type 304, #4 Finish
- Perforated Stainless Steel, Type 304, #4 Finish
- ESD Laminate
- 180 Degree Rolled Front Edge
- Power Strip: 6, 8, 15
- Clean Room Compatible

**General Options:**
- Cleanroom Shroud
- Specialty Panels: UV, Opaque
- Casters/Rollers: W, W Brakes
- Cleanroom Casters: W, W Brakes
- ABS Plastic Modular Drawer System
- Metal File Drawers
- Metal Utility Drawers
- Full Front Panel
- Lower Shelf: HALF, FULL

**TOTAL UNIT QTY.:**

**OVERALL DIMENSIONS:** 2'-6"D x 6'-0"W x 7'-4 1/2"H

**Light & HEPA FFU are both listed. Total Power Draw appx. 2.5amps (operating) 4.5amps (start-up)**
Sample Products

LF-102P-6-FC2X3 LAMINAR FLOW HEPA WORKSTATION

Dimensions:
- Dimension A (WIDTH) - 6'-5"
- Dimension B (DEPTH) - 2'-6"
- Dimension C (HEIGHT) - 7'-1 1/2"
- Dimension D (TOP HEIGHT) - 3'-0"
- Dimension E (CLR. OPEN'G) - 2'-8 1/2"

Standard Features:
- Single HEPA Fan Filter Unit w/ Speed Control
- Durable Welded Tubular Steel Construction
- Plastic-Laminated Main Work Surface (Shelf Optional)
- White Polyurethane Paint
- 1/4" Clear Acrylic Rear & Side Panels
- Removable Front Draft Guide (40 mil)
- Appx. 350# with Laminate Top
- 12' Long, 115v Power Cord

Surface Options:
- Stainless Steel, Type 304, #4 Finish
- Perforated Stainless Steel, Type 304, #4 Finish
- ESD Laminate Color ___
- 180 Degree Rolled Front Edge
- Power Strip [6] [8] [15]
- Clean Room Compatible

General Options:
- Cleanroom Shroud
- Specialty Panels: [UV] [Opaque]
- Casters/Rollers: [W/ Brakes]
- Cleanroom Casters: [W/ Brakes]
- ABS Plastic Modular Drawer System
- Metal File Drawers [Metal Utility Drawers]
- Full Front Panel
- Lower Shelf [HALF] [FULL]

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TOTAL UNIT QTY.: _____
OVERALL DIMENSIONS: 2'-6"D x6'-5"W x 7'-1 1/2"H

Light & HEPA FFU are both listed.
Total Power Draw appx. 2.5amps (operating) 4.5amps (start-up)

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Sample Products

**LF-102P-8 LAMINAR FLOW HEPA WORKSTATION**

**Dimensions:**
- Dimension A (WIDTH) - 8'5"
- Dimension B (DEPTH) - 2'6"
- Dimension C1/C2 (HEIGHT) - 7'2" / 7'4 1/2"
- Dimension D (TOP HEIGHT) - 3'0"
- Dimension E (CLR. OPEN'G) - 2'8 1/2"

**Standard Features:**
- Double HEPA Fan Filter Units w/ Speed Control
- Durable Welded Tube Steel Construction
- Plastic-Laminated Main Work Surface (Shelf Optional)
- White Polyurethane Paint
- 1/4" Clear Acrylic Rear & Side Panels
- Removable Front Draft Guide (40 mil)
- Appx. 450# with Laminate Top
- 12' Long, 115v Power Cord

**Surface Options:**
- Stainless Steel, Type 304, #4 Finish
- Perforated Stainless Steel, Type 304, #4 Finish
- ESD Laminate
  - Color _____
- 180 Degree Rolled Front Edge
- Power Strip □ 6 □ 8 □ 15
- Clean Room Compatible

**General Options:**
- Cleanroom Shroud
- Specialty Panels: □ UV □ Opaque
- Casters/Rollers □ W/ Brakes
- Cleanroom Casters □ W/ Brakes
- ABS Plastic Modular Drawer System
- Metal File Drawers □ Metal Utility Drawers
- Full Front Panel □
- Lower Shelf □ HALF □ FULL

**TOTAL UNIT QTY.: □**

**OVERALL DIMENSIONS:** 2'-6"D x 8'-5"W x 7'-2" (No Shroud) / 7'-4 1/2"H (w/ Shroud)

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www.rdm-ind.com
Model LF-102P-B Bench-Top Unit
Vertical Clean Air Hood:

A Great Addition to Your Existing Tables...

- Standard Width Sizes include 36", 48", 60", 72" and 96"
- Customizable (RDM can accommodate custom needs)
- Light & Blower Switch are combined into one so that user knows when unit is in operating mode.
- Fluorescent Light Fixture(s)
- Plugs into standard 115v Outlet
- Elec. Junction Box with 12' cord
- Optional Features (Not Included):
  - Full-Height, Vertical Slat Curtain available
  - ULPA Filter(s) available
  - ESD Work Surface
  - Static Control Ionizing Grid(s) available
  - Power Outlet Strip(s) – 8 & 16 Outlet
LF-102P-6 LAMINAR FLOW HEPA WORKSTATION
- BENCHTOP MODEL

Dimensions:
- Dimension A (WIDTH) - 6'-0"
- Dimension B (DEPTH) - 2'-6"
- Dimension C (HEIGHT) - 4'-4 1/2"
- Dimension D (CLR. OPEN’G) - 2'-11 1/2"

Standard Features:
- Single HEPA Fan Filter Unit w/ Speed Control
- Durable Welded Tube Steel Construction
- White Polyurethane Paint
- 1/4" Clear Acrylic Rear & Side Panels
- Removable Front Draft Guide (40 mil)
- Appx. 225#
- 12' Long, 115v Power Cord

ESD Package Options:
- ESD BASE Static Control Package Includes:
  - Plug-in Jacks at Left & Right Uprights
  - ESD Soft Vinyl Front Curtain
  - Clear View Static Control Side Panels
- ESD Static Control Overhead Air Ionizer Grid

General Options:
- Cleanroom Shroud
- Specialty Panels: UV Opaque
- Double-Sided Access
- Metal File Drawers Metal Utility Drawers
- Full Front Panel
- Power Strip 6 8 16
- Clean Room Compatible

TOTAL UNIT QTY.: ___
OVERALL DIMENSIONS: 2'-6"D x6'-0"W x 4'-4 1/2"H

Light & HEPA FFU are both listed. Total Power Draw appx. 2.5amps (operating) 4.5amps (start-up)
LF-102P-6 LAMINAR FLOW HEPA WORKSTATION
- BENCHTOP MODEL

Dimensions:
- Dimension A (WIDTH) - 6'-0"
- Dimension B (DEPTH) - 2'-6"
- Dimension C (HEIGHT) - 4'-7 1/2"
- Dimension D (CLR. OPEN'G) - 2'-11 1/2"

Standard Features:
- Single HEPA Fan Filter Unit w/ Speed Control
- Durable Welded Tube Steel Construction
- White Polyurethane Paint
- 1/4" Clear Acrylic Rear & Side Panels
- Removable Front Draft Guide (40 mil)
- Appx. 225# Power Cord
- 12' Long, 115v Power Cord

ESD Package Options:
- ESD BASE Static Control Package Includes:
  - Plug-in Jacks at Left & Right Uprights
  - ESD Soft Vinyl Front Curtain
  - Clear View Static Control Side Panels
- ESD Static Control Overhead Air Ionizer Grid

General Options:
- Cleanroom Shroud
- Specialty Panels: UV | Opaque
- Double-Sided Access
- Metal File Drawers | Metal Utility Drawers
- Full Front Panel
- Power Strip: 6 | 8 | 16
- Clean Room Compatible

TOTAL UNIT QTY.: ___
OVERALL DIMENSIONS: 2'-6"D x 6'-0"W x 4'-7 1/2"H

Light & HEPA FFU are both listed.
Total Power Draw appx. 2.5amps (operating) 4.5amps (start-up)

www.rdm-ind.com
Instructions:

1. Open main electrical junction box (Fig. 3) located on top of fan filter unit.
2. Record wiring connections before disconnecting and reconnecting new fan filter unit.
3. Disconnect wiring for power supply, light and switch from main electrical box.
4. Remove the (2) Holding Straps at Each end of the Filter (See Fig. 2).
5. Replace old fan filter unit with new unit.
6. Secure new fan filter unit into place by replacing the (2) straps (See Fig. 2).
7. Reconnect wiring.

NOTE: Under normal use, assuming eight (8) hours of operation per day, in a standard office environment, fan filter units could last appx. Five (5) years.
MAC 10 Original

Extra low watts, extra low sound, extra low profile.

As the newest addition to Envirco's MAC 10 Fan Filter Unit (FFU) family, the MAC 10 Original is the only FFU combining low sound, low watts and a low profile. Measuring only 20.5 x 20.5 x 10 inches (520 x 520 x 250 mm), it provides one of the lowest sound levels of any FFU in the industry. Running at only 120 watts, the MAC 10 Original Standard (400 mm x 400 mm) provides one of the lowest sound levels of any FFU in the industry. Running at only 250 watts, 0.90 CFM (4.6 l/s) and 3.5 (900 mm x 1,057 mm) units, the unit uses less energy than traditional FFUs, lowering operating costs. The MAC 10 Original maintains a low profile, measuring less than 13 in (330 mm).

STANDARD FEATURES
- Low Sound, Low Watts, Low Profile and Low Operating Costs
- Three-Speed Switch features low, medium and high settings: standard on all 2 ft x 4 ft (600 mm x 1,210 mm) and 2 ft x 3.5 ft (600 mm x 1,057 mm) units
- Solid-State Speed Control standard on 2 ft x 2 ft (600 mm x 600 mm) and 2 ft x 3.5 ft (600 mm x 900 mm) units
- High-Efficiency Particulate Air (HEPA) Filter: 99.99% efficient @ 0.3 microns
- Snap-In Pleated Filter allows for easy replacement and maintenance
- 0.4 in wg (100 Pa) External Static Capability at 90 CFM (40.5 l/s) with HEPA Filter
- Walkable Plenum (excluding prefilter)
- Meets IEST recommended practices
- UL listed (UL 240 Y, 277 V)

OPTIONS
- Solid-State Speed Control: available on 2 ft x 4 ft (600 mm x 1,210 mm) and 2 ft x 3.5 ft (600 mm x 1,057 mm) units, allows for a full range of settings
- Room-Side Replacement (RRF) available with gel seal filter element (RRF and RRP models)
- Ultra Low Penetration Air (ULPA) Filter: 99.995% efficient @ 0.12 microns
- Airflow Indicator Light allows external monitoring of unit operation
- CE Marked: 250V units available
- A/C Duct (12 in [305 mm] diameter) allows direct connection to the air conditioning supply
- Fluorescent Light provides illumination with minimal airflow disruption
- Ion Bar neutralizes static charges below the filter
- Exterior available powder coat painted or stainless steel
- Power Cord provides convenient plug-in connection for non-permanent applications (non-UL)
- Challenge Port offers convenient aerosol challenge and filter testing
- Knife Edge permits easy placement in gel track ceiling grid system
- Custom Sizes and Configurations available: perfect for mini-environment applications
- Metric Sizes available