RDM Industrial Products Inc.

QUALITY • SERVICE • TIMING - phone (877) 777-9130

Clean Air Laminar Flow Hoods

Bench Top Laminar Flow Unit

Standard 72″ Laminar Flow Workstation

Custom…

Laminar Flow Hood

Vertical Hood

RDM Industrial Products Inc.

QUALITY • SERVICE • TIMING - phone (877) 777-9130

Model LH-102P Horizontal

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

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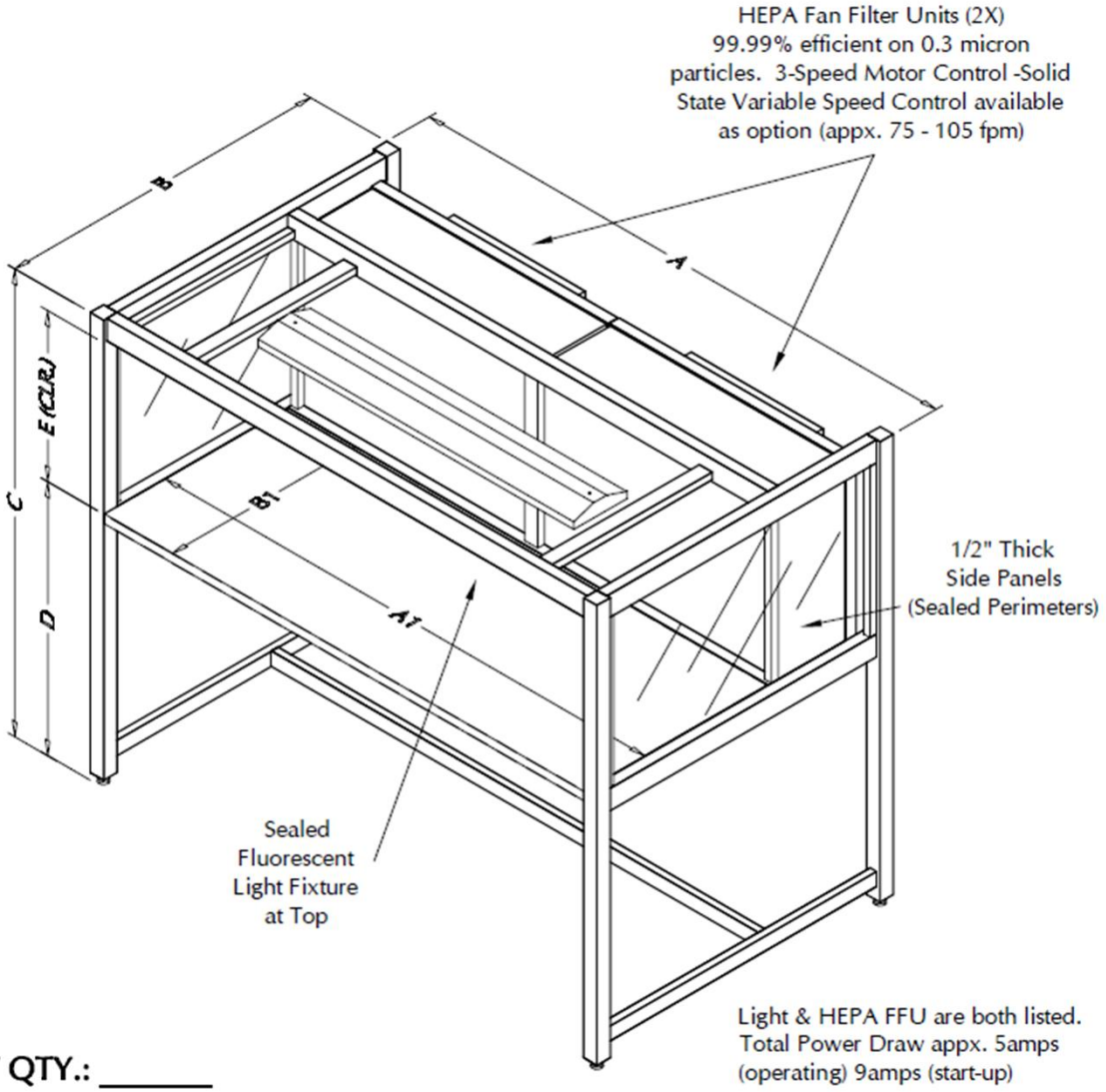
LFH-102P-6 HORIZONTAL LAMINAR FLOW HEPA WORKSTATION



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

TOTAL UNIT QTY.: _____

OVERALL DIMENSIONS: 3'-9"D x6'-5"W x 5'-1 1/2"H

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

RDM INDUSTRIAL PRODUCTS, INC.
1652 Watson Court
Milpitas, California 95035
Ph:(408) 945-8400 Fax(408) 945-8433

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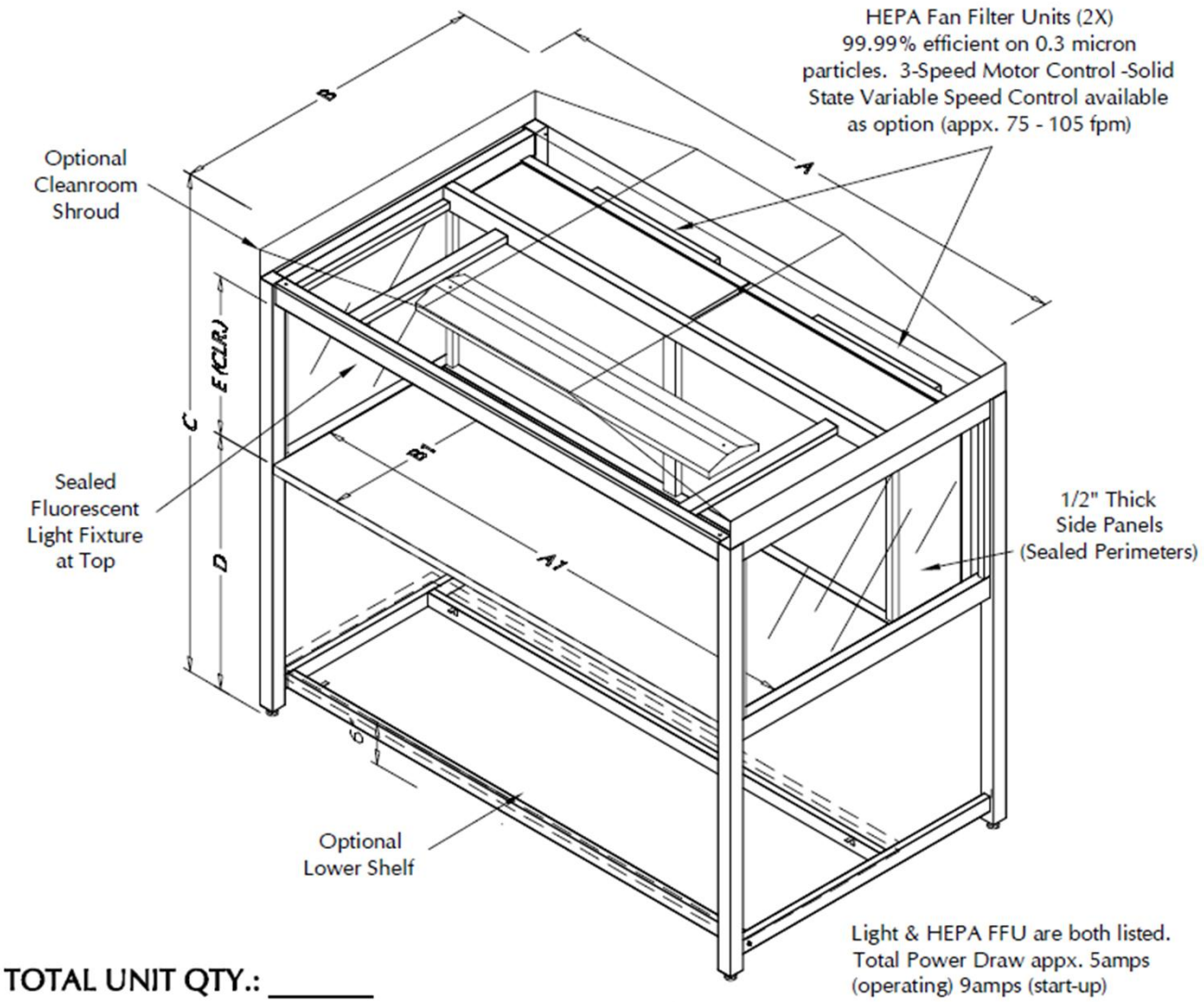
LFH-102P-6 HORIZONTAL LAMINAR FLOW HEPA WORKSTATION



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

TOTAL UNIT QTY.: _____

OVERALL DIMENSIONS: 3'-9"D x6'-5"W x 5'-10 1/2"H

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'-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
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- ☐ Metal File Drawers ☐ Metal Utility Drawers
- ☐ Full Front Panel
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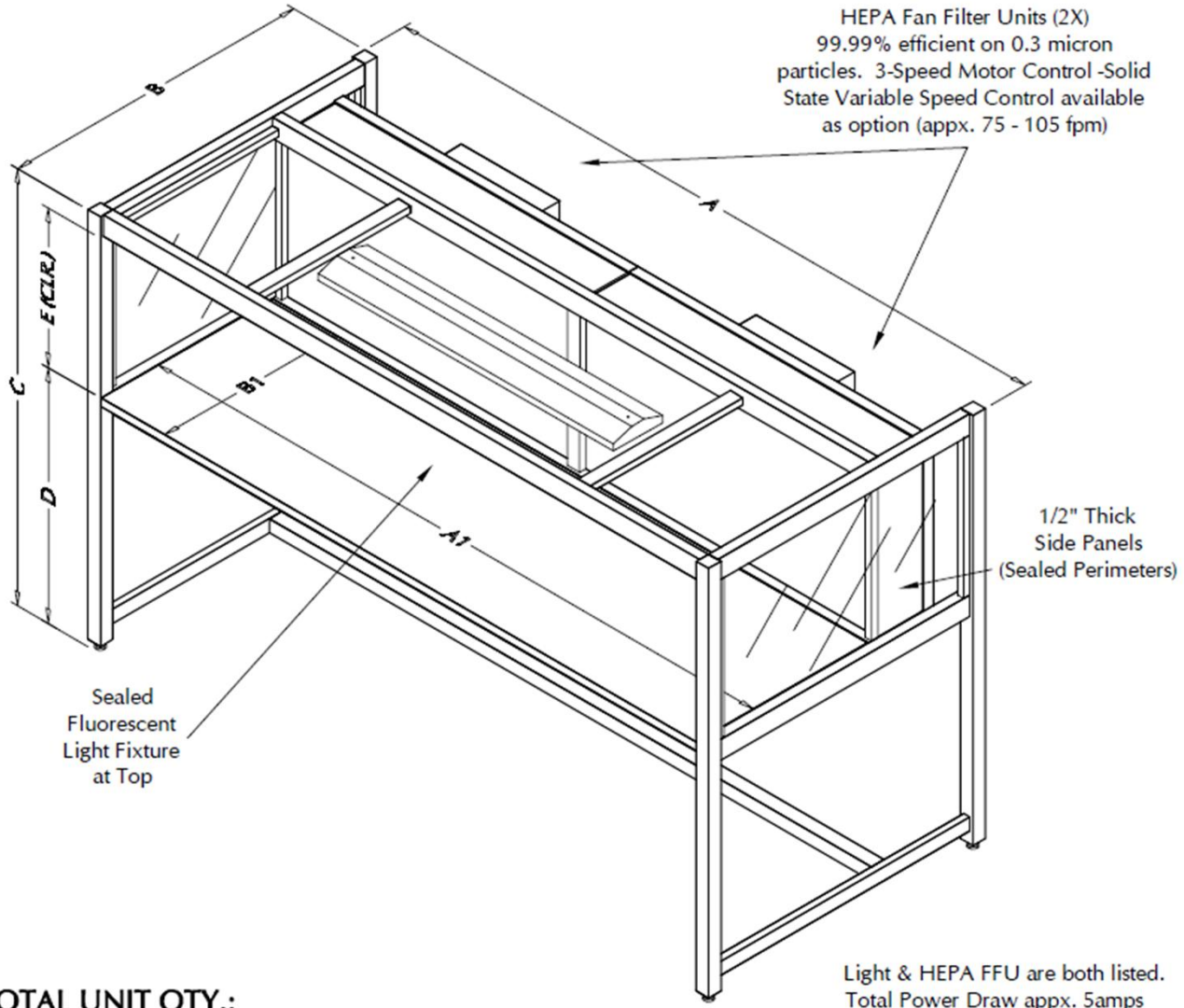
LFH-102P-8 HORIZONTAL LAMINAR FLOW HEPA WORKSTATION



TOTAL UNIT QTY.: ____

OVERALL DIMENSIONS: 3'-9"D x8'-5"W x 5'-1 1/2"H

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

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 ☐ W/ Brakes
- ☐ Cleanroom Casters ☐ W/ Brakes
- ☐ ABS Plastic Modular Drawer System
- ☐ Metal File Drawers ☐ Metal Utility Drawers
- ☐ Lower Shelf ☐ HALF ☐ FULL

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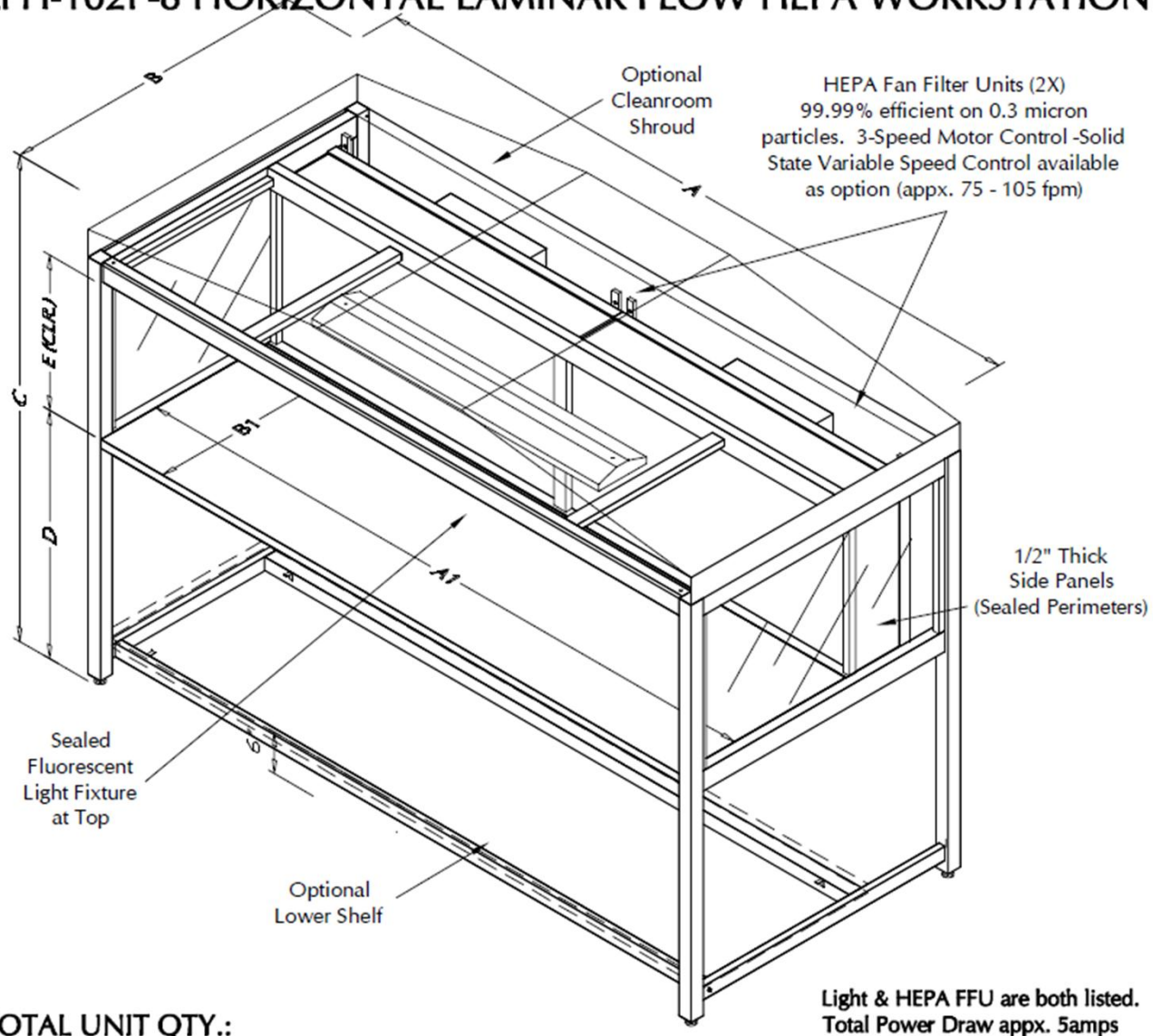
LFH-102P-8 HORIZONTAL LAMINAR FLOW HEPA WORKSTATION



TOTAL UNIT QTY.: ____

OVERALL DIMENSIONS: 3'-9"D x8'-5"W x 5'-10 1/2"H

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

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
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- ☐ Metal File Drawers ☐ Metal Utility Drawers
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RDM Industrial Products Inc.

QUALITY • SERVICE • TIMING - phone (877) 777-9130

Model LF-102P Vertical

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

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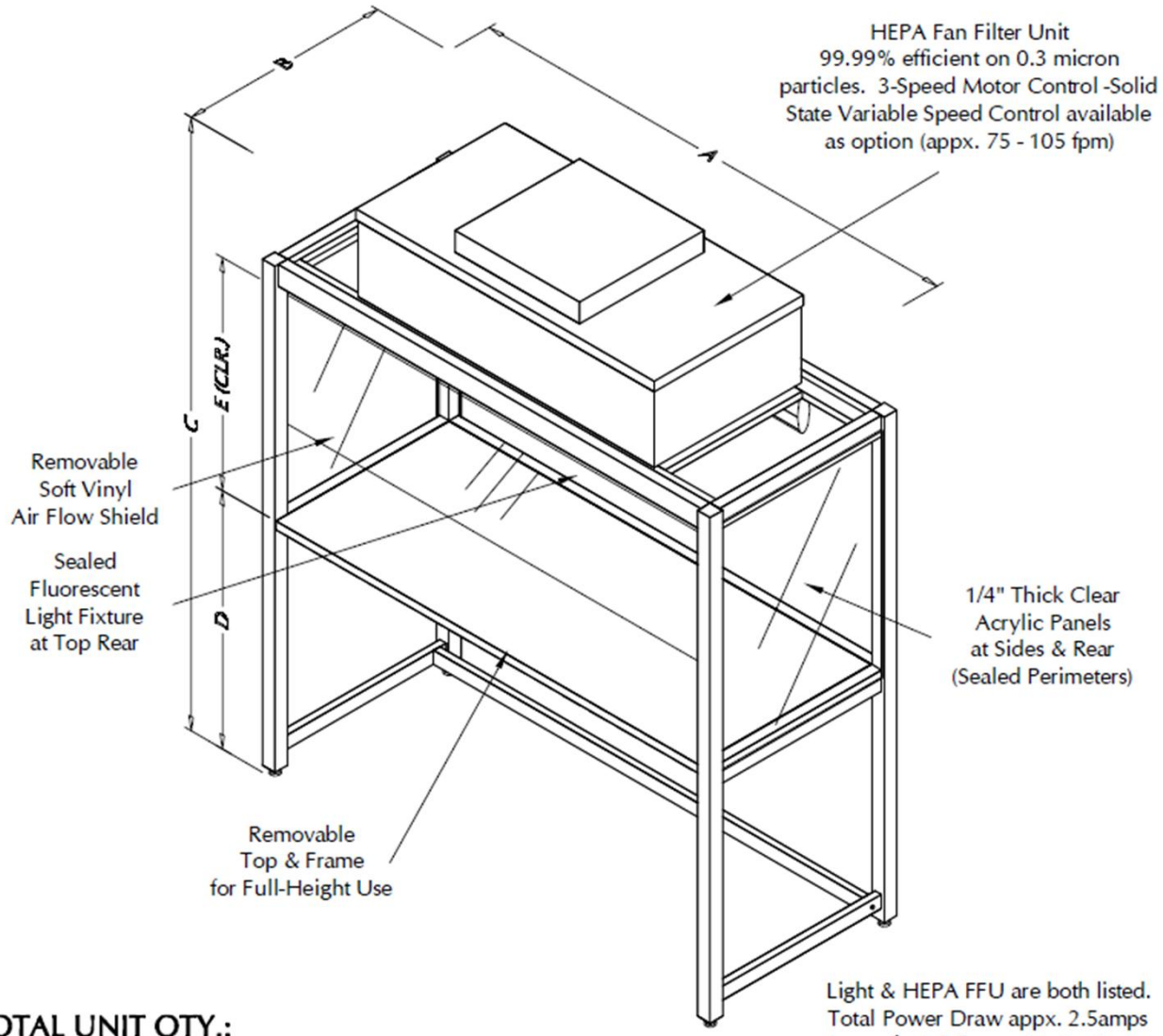
LF-102P-6 LAMINAR FLOW HEPA WORKSTATION



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

TOTAL UNIT QTY.: _____

OVERALL DIMENSIONS: 2'-6"D x6'-0"W x 7'-1 1/2"H

Dimensions:

Dimension A (WIDTH) -	6'-0"
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 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

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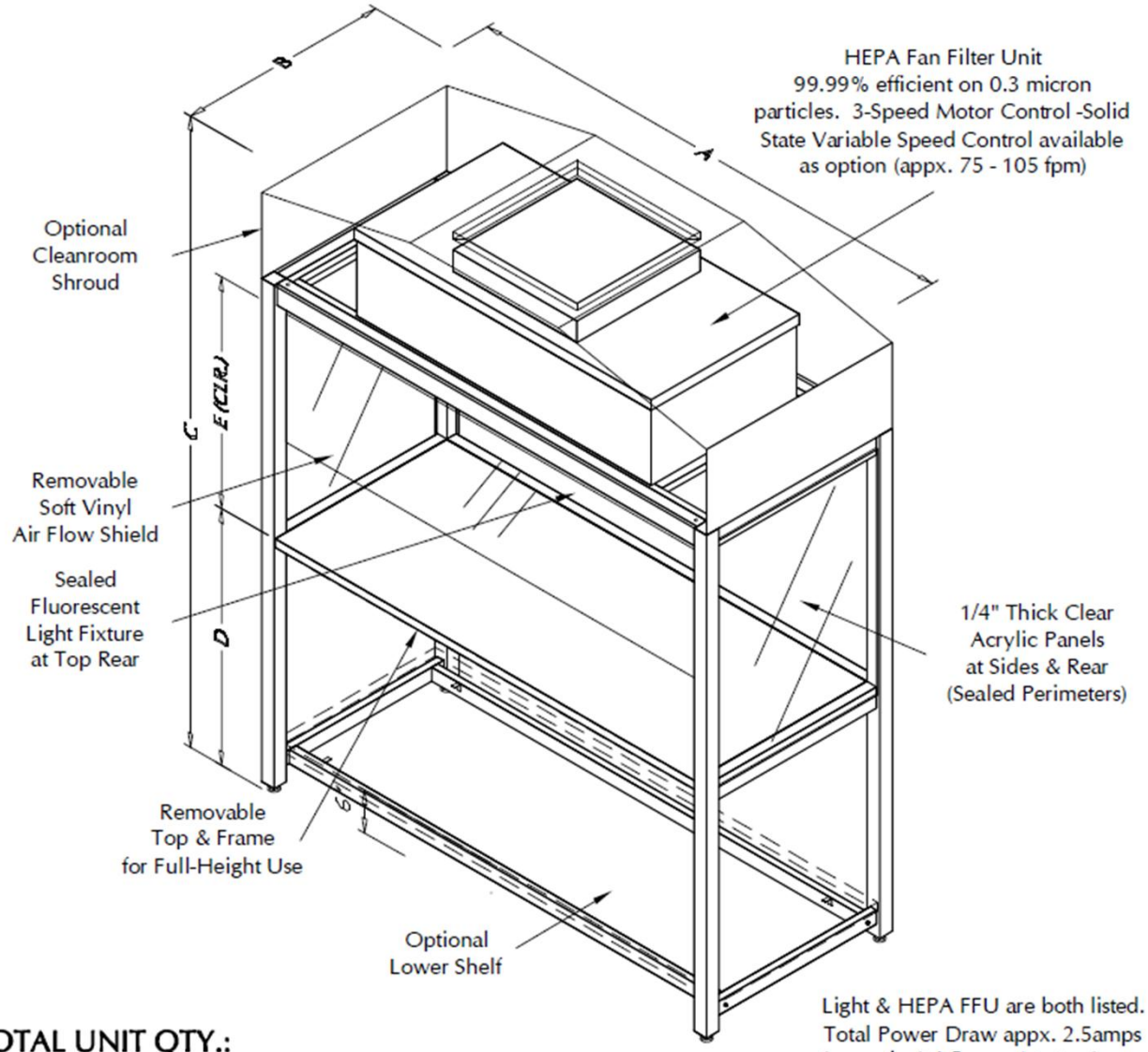
LF-102P-6 LAMINAR FLOW HEPA WORKSTATION



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

TOTAL UNIT QTY.: _____

OVERALL DIMENSIONS: 2'-6"D x6'-0"W x 7'-4 1/2"H

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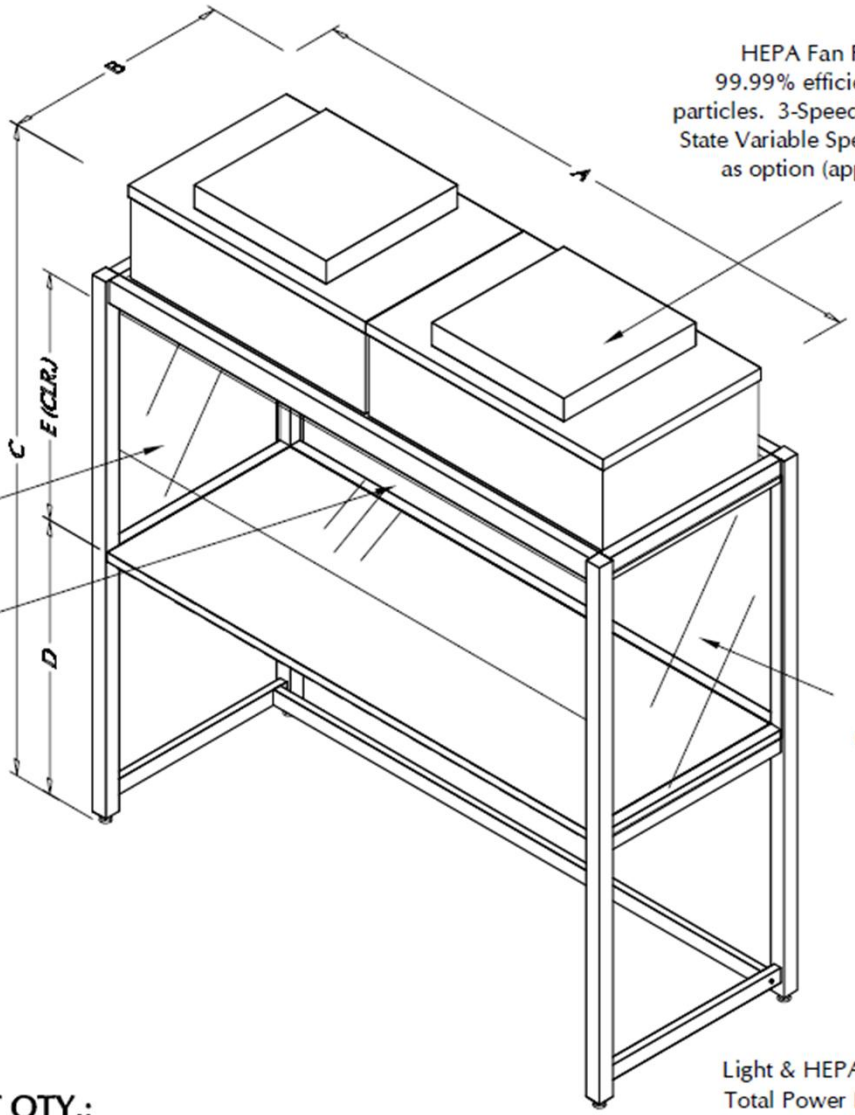
LF-102P-6-FC2X3 LAMINAR FLOW HEPA WORKSTATION



HEPA Fan Filter Units (2X) 99.99% efficient on 0.3 micron particles. 3-Speed Motor Control -Solid State Variable Speed Control available as option (appx. 75 - 105 fpm)

Removable Soft Vinyl Air Flow Shield

Sealed Fluorescent Light Fixture at Top Rear

1/4" Thick Clear Acrylic Panels at Sides & Rear (Sealed Perimeters)

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

TOTAL UNIT QTY.: _____

OVERALL DIMENSIONS: 2'-6"D x6'-5"W x 7'-1 1/2"H

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 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
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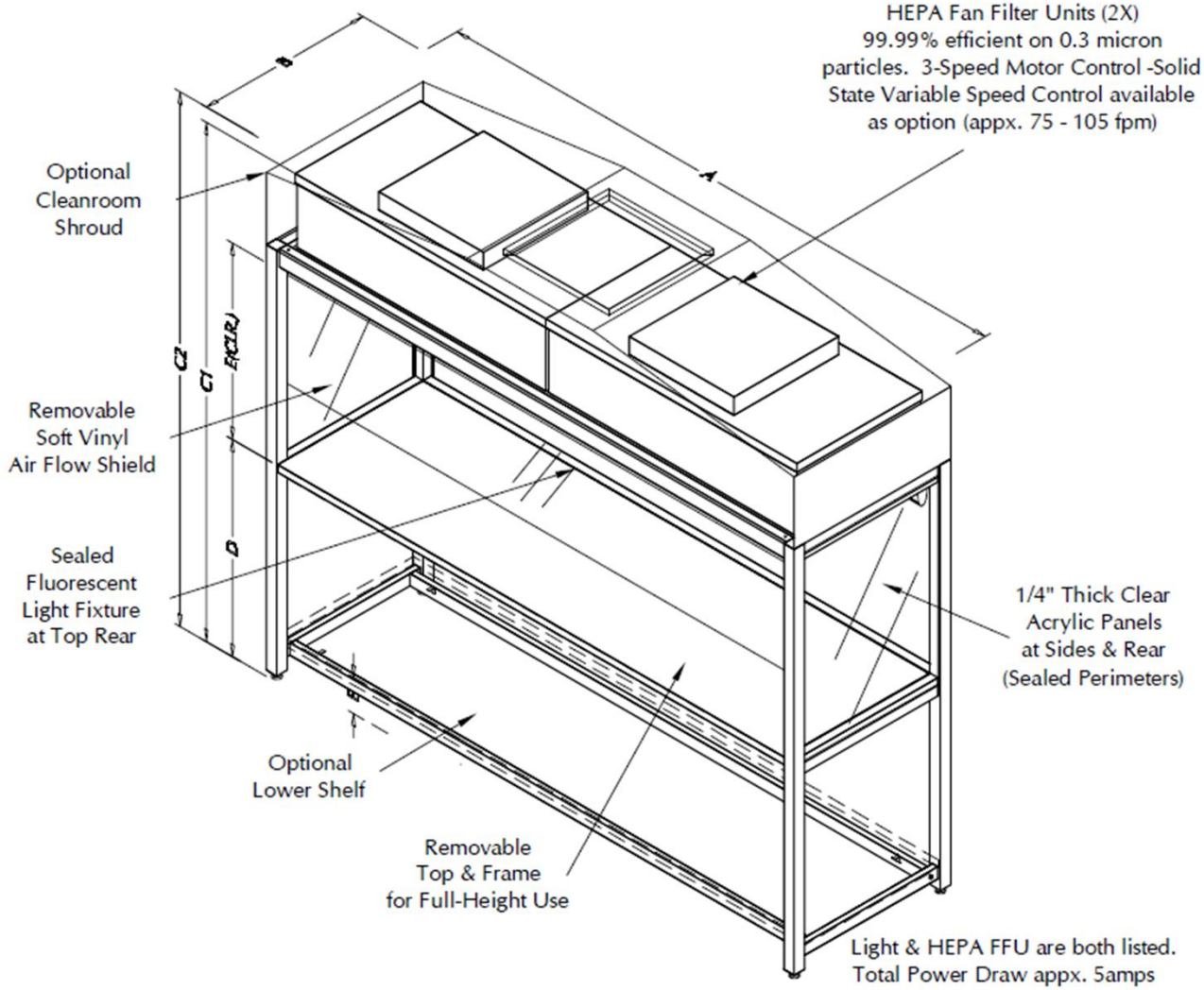
LF-102P-8 LAMINAR FLOW HEPA WORKSTATION



TOTAL UNIT QTY.: _____

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

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
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- ☐ Full Front Panel
- ☐ Lower Shelf ☐ HALF ☐ FULL

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Model LF-102P-B Vertical

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

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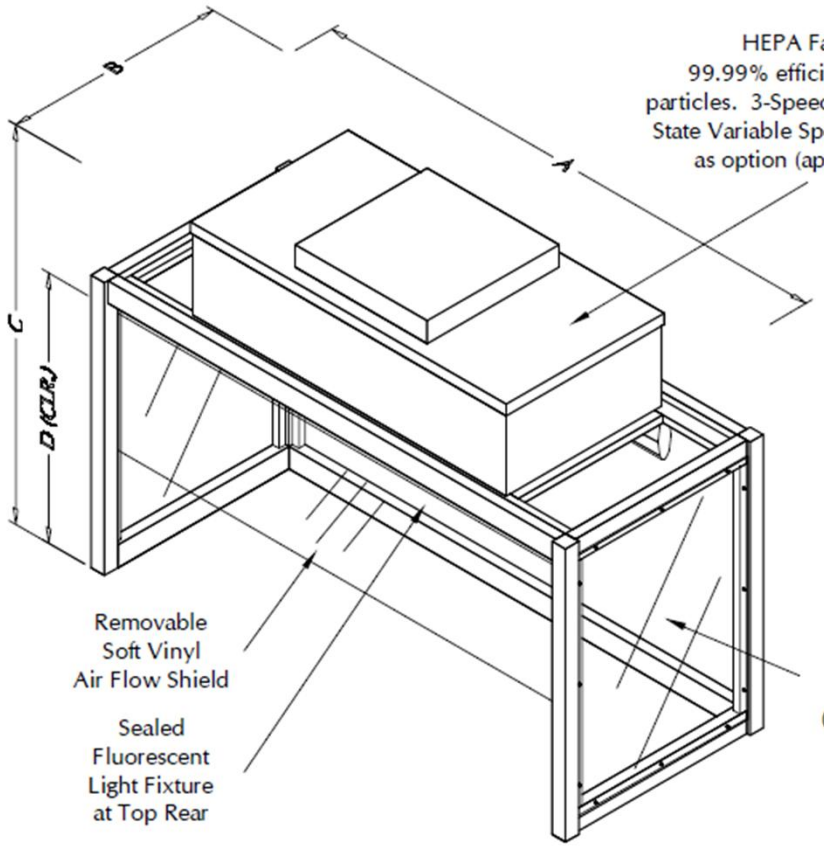
LF-102P-6 LAMINAR FLOW HEPA WORKSTATION - BENCHTOP MODEL



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)

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

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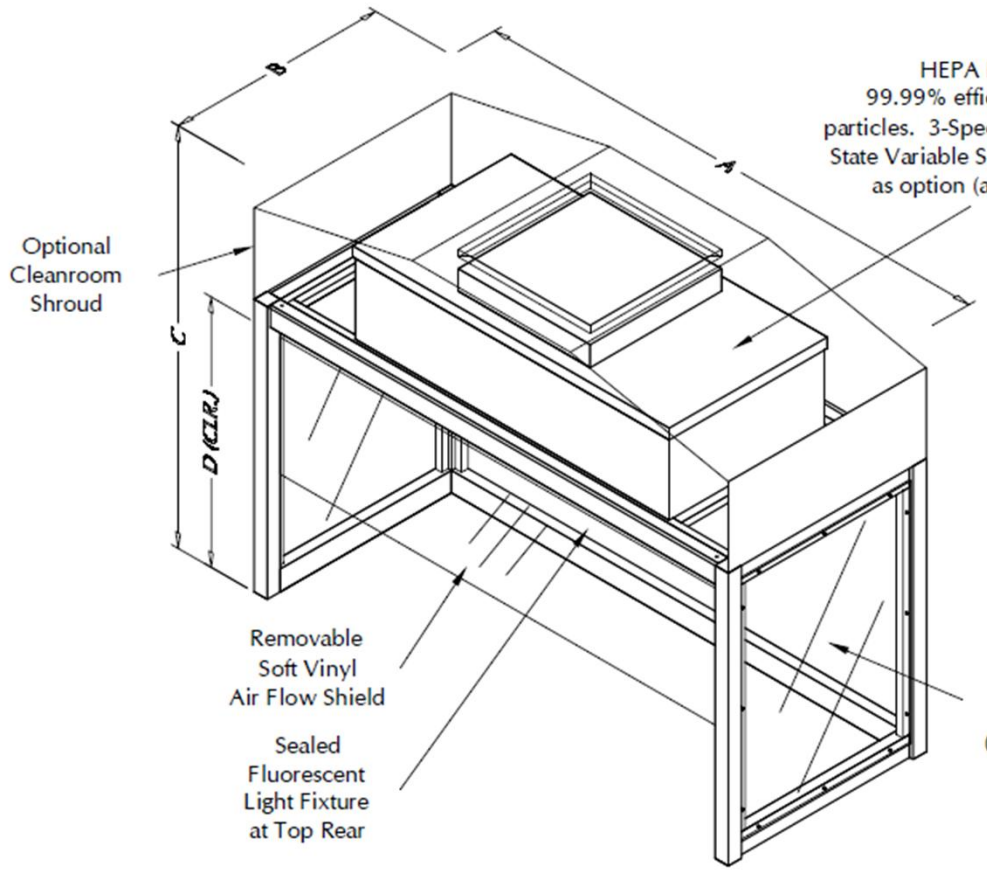
LF-102P-6 LAMINAR FLOW HEPA WORKSTATION - BENCHTOP MODEL



TOTAL UNIT QTY.: ____

OVERALL DIMENSIONS: 2'-6"D x6'-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)

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#
- 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

RDM INDUSTRIAL PRODUCTS, INC.
1652 Watson Court
Milpitas, California 95035
Ph:(408) 945-8400 Fax(408) 945-8433

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RDM Industrial Products Inc.

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Fan Filter Replacement

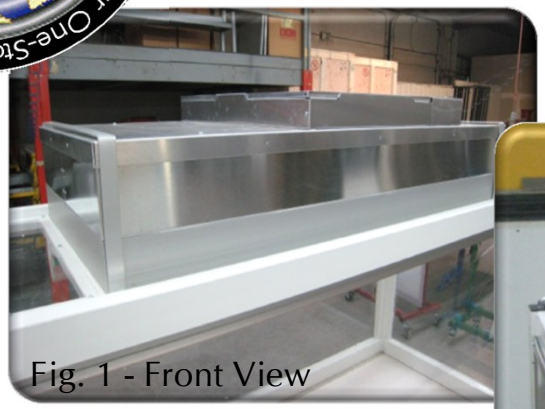

Fig. 1 - Front View

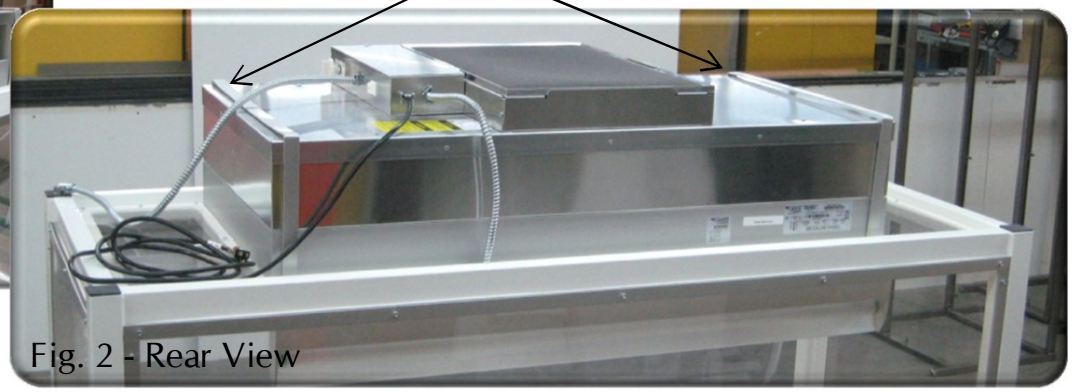

Fig. 2 - Rear View

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.

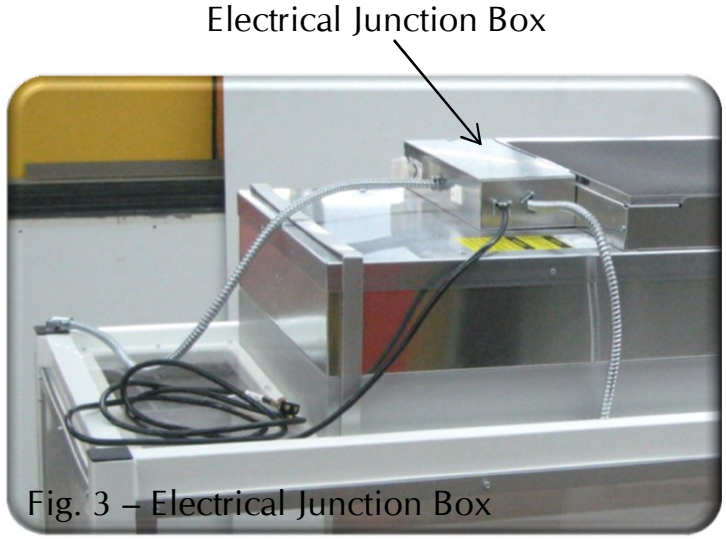

Fig. 3 – Electrical Junction Box

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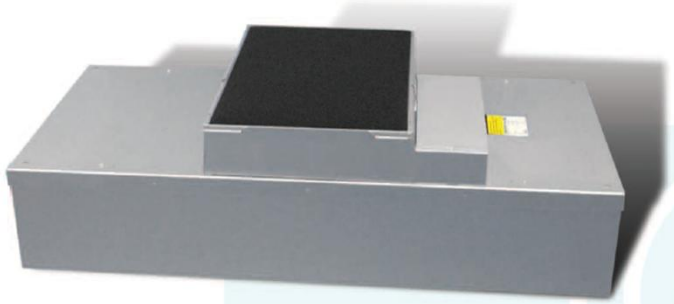
MAC 10 Original

MAC 10 Original

Extra-Low Fan Filter Unit



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 50 dBA, the MAC 10 Original Standard (2 ft x 4 ft [600 mm x 1,210 mm]) provides one of the lowest sound levels of any FFU in the industry. Running at only 200 watts @90 FPM (.45 m/s [175 Watts for 220V/50 Hz]), 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 ft (600 mm x 905 mm) units
- High Efficiency Particulate Air (HEPA) Filter: 99.99% efficient @ 0.3 micron
- Snap-In Prefilter allows for easy replacement and maintenance
- 0.4 in wg (100 Pa) External Static Capability at 90 ft/min (0.45 m/s) with HEPA Filter
- Walkable Plenum (excluding prefilter)
- Meets IEST recommended practices
- UL listed (120 V, 240 V, 277 V)

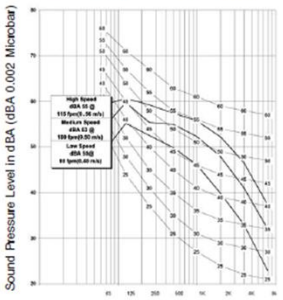
OPTIONS

- 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 (RSR) available with gel seal filter element (RSR and RSRE models)
- Ultra Low Penetration Air (ULPA) Filter: 99.9995% efficient @ 0.12 micron
- Airflow Indicator Light allows external monitoring of unit operation
- CE Marked: 230V units available
- A/C Collar (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

MAC 10 Original

Sound Curve

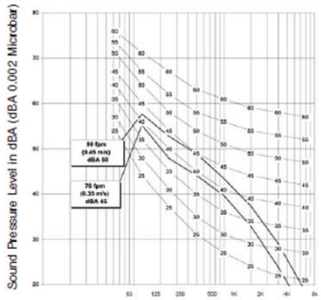
HIGH, MEDIUM AND LOW SPEED DATA
2 ft x 4 ft (600 mm x 1,210 mm)
MAC 10 Original Standard HEPA Filter



Octave-Band Center Frequencies (Hz)
Sound measured at 30 in (762 mm) from filter face; Data applies to all unit voltages.

Sound Curve

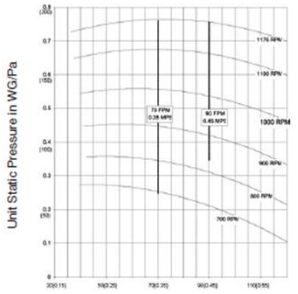
90 ft/min (0.45 m/s) and 70 ft/min (0.35m/s)
2 ft x 4 ft (600 mm x 1,210 mm)
MAC 10 Original HEPA Filter



Octave-Band Center Frequencies (Hz)
Sound measured at 30 in (762 mm) from filter face; Data applies to all unit voltages.

Fan Curve

2 ft x 4 ft (600 mm x 1,210 mm)
MAC 10 Original Standard HEPA Filter
60 Hz Data



Airflow ft/min (m/s)
Airflow measured with Velgrid with a 6 in (152 mm) standoffs and eight readings across filter face; applies to all voltages.
Measured with solid-state speed control.

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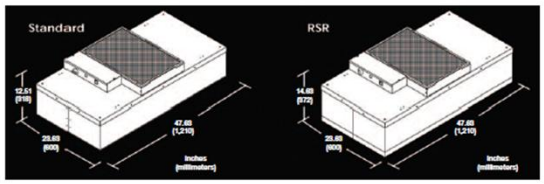
MAC 10 Original

Dimensions

inches (millimeters)
2 ft x 2ft
23.63 x 23.63 (600 x 600)
2 ft x 3 ft
23.63 x 35.63 (600 x 905)
2 ft x 3.5 ft
23.63 x 41.63 (600 x 1,057)
2 ft x 4 ft
23.63 x 47.63 (600 x 1,210)



MAC 10 Original HEPA Model, 1/5 Hp Motor	AVERAGE AIRFLOW ft³/min (m³/hr)	HIGH SPEED 120V, 220V, 277V/ 60 Hz (Airflow/Watts)	MEDIUM SPEED 120V, 220V, 277V/ 60 Hz (Airflow/Watts)	LOW SPEED 120V, 220V, 277V/ 60 Hz (Airflow/Watts)	90 ft/min 120V, 220V, 277V/ 60 Hz (Airflow/Watts)	70 ft/min 120V, 220V, 277V/ 60 Hz (Airflow/Watts)	WATTS 60 Hz (50 Hz)**	SENSIBLE HEAT (BTUH) 60 Hz @ 90 fpm (50 Hz @ 0.45 m/s)	SENSIBLE HEAT (BTUH) 60 Hz @ full load (50 Hz @ full load)	UNIT WEIGHT lbs (kg)
Standard (STD) Model										
2 ft x 4 ft 600mm x 1,210 mm	650 (1,105)	115/270	100/230	80/190	90/200	70/180	200 (180)	683 (615)	922 (829)	66 (29.94)
2 ft x 3.5 ft 600mm x 1,057 mm	560 (952)	130/270	115/230	90/190	90/189	70/164	189 (170)	645 (581)	922 (829)	63 (28.58)
2 ft x 3 ft 600mm x 905 mm	480 (816)	150/270			90/163	70/142	163 (147)	556 (501)	922 (829)	52 (23.59)
2 ft x 2 ft 600mm x 600 mm	360 (612)	230/270			90/120		120 (108)	410 (369)	922 (829)	41 (18.6)
Room-Side Replaceable (RSR) Model										
2 ft x 4 ft 600mm x 1210 mm	650 (1,105)	105/270	90/230	70/190	90/220	70/160	220(198)	751 (676)	922 (829)	71 (32.31)
2 ft x 3.5 ft 600mm x 1057 mm	560 (952)	120/270	105/230	80/190	90/180	70/160	180(162)	614 (553)	922 (829)	68 (30.84)
2 ft x 3 ft 600mm x 905 mm	480 (816)	135/270			90/168	70/150	168(151)	573 (517)	922 (829)	54 (24.49)
2 ft x 2 ft 600mm x 600 mm	360 (612)	145/270			90/130	70/120	130(117)	444 (400)	922 (829)	44 (19.96)

Full-Load Amp 120 V / 60 Hz / 1 Ph = 3.0; 220 V / 50/60 Hz / 1 Ph = 1.5; 277 V / 60 Hz / 1 Ph = 1.2

**All test data is measured at 90 ft/min (0.45 m/s). Test Data for the 2 ft x 4 ft (600 mm x 1,210 mm) and 2 ft x 3.5 ft (600 mm x 1,058 mm) measured at 90 ft/min (0.45 m/s with optional Speed Control; 2 ft x 3 ft (600 mm x 905 mm) and 2 ft x 2 ft (600 mm x 600 mm) units are standard with Speed Control. Test data taken with an electronic micromanometer with Velgrid attachment; eight readings in unloaded conditions. Measurement with two velgrid readings centered on each half of the 2x4 filter gives readings equal to the eight readings.

ENVIRCO
Balloon Fiesta Parkway NE
Albuquerque, New Mexico 87113
USA
Tel: 505.345.3561
Fax: 505.345.8875
Toll Free: 800.545.6598
email: info@envirco.com

Trion, Ltd.
The Cavendish Centre
Wintnall Close
Winchester, Hampshire,
SO23 0LR, UK
Phone: +44 (0) 1962 840465
Fax: +44 (0) 1962 828619
www.trion.co.uk
email: info@trion.co.uk

Trion Deutschland GmbH
Boschstr. 60
D - 50171 Kerpen
Tel: +49 (0) 2237 922-103
Fax: +49 (0) 2237 922-104
email: info@trion-deutschland.de

Fedders International Air Conditioning
A-30, Chintels House,
Kailash Colony
New Delhi
India 110048
Phone: 91 11 5173 0730
Fax: 91 11 5173 0743
email: infoindia@fedders.com

Fedders International
No. 728 Fuzhou Road
Rm. 3002-3005
Raffles City Office Tower
Shanghai, P.R. China, 200001
Phone: (86-21) 6340 2232
Fax: (86-21) 6340 3867/6340 3868
email: infochina@fedders.com

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