

Портативные вентилируемые балансовые шкафы серии VBE

Технические характеристики

По вопросам продаж и поддержки обращайтесь:

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Россия +7(495)268-04-70

Казахстан +(727)345-47-04

Беларусь +(375)257-127-884

Узбекистан +998(71)205-18-59

Киргизия +996(312)96-26-47

эл.почта: pbf@nt-rt.ru || сайт: <https://plas-labs.nt-rt.ru/>

LOW VELOCITY FUME HOODS (IMPROVED FEATURES)

ASHRAE 110 Compliant

This Low Velocity Fume Hood system has been developed in response to customer requests and suggestions for improvements to the original product.

These units can be used with your in house exhaust system or our accessory **#900-EXTRACT**, Fume Extraction Unit. All units are ASHRAE 110 Certified. You can select either HEPA or Activated Carbon filters (or a combination of both) for the Extraction Unit. Three (3) styles of Carbon are available.

Refer to page #40.

Our hoods are unique in that they include both horizontal and vertical “air foils” taking advantage of a “venturi” effect. They also feature rounded rear corners to guide and facilitate inner atmosphere exhaust efficiency.

The exhaust hose has a “smooth bore” interior, which minimizes air flow exhaust restrictions, is chemically resistant, FDA approved, and is included with the main work housing. It may be attached directly to your house exhaust system.

All units include the following:

- Standard 24 month warranty (Not consumables-filters).
- Units are fabricated out of .375” (9.5 mm) thick optically clear acrylic plastic.
- Hinged (two [2] position) front sash with draft deflector.
- Formed horizontal lower front airfoil.
- Two (2) formed vertical air foils with draft deflectors.
- Bright white acrylic bottom work surface.
- Two (2) side wall cable ports at 1.5”Ø (38 mm).
- Six (6”) inch Ø (about 152 mm) exhaust hook up.
- The exhaust hose is smooth bore inside and is six (6”) inch (152 mm) Ø x eight (8’) feet (2,440 mm) long.

Did you Know?

The air we breathe is only 20.9% Oxygen. The rest of our air is made up of various other gases such as Nitrogen.



#900-LVFH with #900-EXTRACT and #900-CART-LVFH

Dimensions of the LVFH units:

#900-LVFH/24

Inner work surface @ 23.250”w (590 mm) x 19”d (483 mm)
Outer dimensions @ 24”w (610 mm) x 27”d (685 mm) x 28”h (712 mm)

#900-LVFH/36

Inner work surface @ 35.250”w (895 mm) x 19”d (483 mm)
Outer dimensions @ 36”w (915 mm) x 27”d (685 mm) x 28”h (712 mm)

#900-LVFH/48

Inner work surface @ 47.250”w (1,200 mm) x 19”d (483 mm)
Outer dimensions @ 48”w (1,219 mm) x 27”d (685 mm) x 28”h (712 mm)

#900-CART-LVFH

All carts (trolleys) are the same height @ 32” (813 mm) and the same depth @ 27” (685 mm).

NOTE: The cart (trolley) width will vary according to the same width as the Fume Hood.

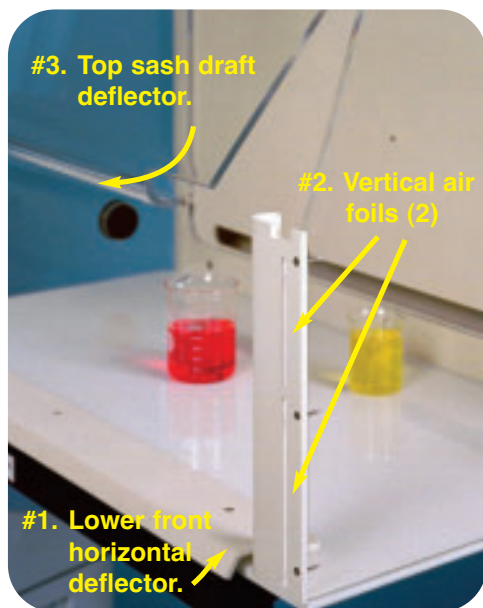
Electrical requirements for all components:

North American 115-120 Volts, 60 Hz. 15 Amps.
Export models 220-240 Volts, 50 Hz. 7.5 Amps.

LOW VELOCITY FUME HOOD COMPONENTS

Optional types of Fume Extraction filters. Specify preferred type when ordering:

- **#900-LVFH/HEPA/CARB**, Combination HEPA and Non-Impregnated Carbon. Absorbs most aliphatic and aromatic hydrocarbons, solvents, organic vapors, aldehydes, ketones, alcohols, organic acids, esters, sulfur compounds, and odors.
- **#900-LVFH/CARB (A)**. Impregnated Carbon filter for alkaline type fumes.
- **#900-LVFH/CARB (B)**. Impregnated Carbon filter for ammonia or amines.
- **#900-LVFH/CARB (C)**. Non-Impregnated Carbon filter for absorption of aromatic hydrocarbons, organic vapors, ketones, alcohols, organic acids, esters, Nitrogen compounds, and odors.
- **#900-LVFH/HEPA**. The main HEPA (particle) filter for the Extraction Unit. Rated at 99.99% at 0.3μ (microns).



#900-LVFH
Close up of Air Foils

NOTE: Air foils are:

- #1. Lower front horizontal deflector.
- #2. Vertical air foils (2).
- #3. Top sash draft deflector.

All ASHRAE 110 Compliant



#900-EXTRACT
Portable fume extraction unit (Optional)

The Fume Extraction Unit is a variable speed suction housing that can include your choice of filters such as HEPA or Impregnated Carbon. Filter sizes are 12" (305 mm) x 24" (610 mm).

Suction speeds can be adjusted from "0" up to 250 CFM face velocity. As the filter resistance builds up, you can compensate for it by increasing the suction speed.



#900-CART-LIFT
Adjustable Electric Lift Tables (Optional)

The #900-CART-LIFT Electronic Height Adjustment Table has been designed to provide ergonomically correct operating heights to ensure maximum operator comfort. Widths will vary according to the width of the fume hood selected.



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