



## Overview

Protector XVS Ventilation Stations may be used as light duty fume hoods, science classroom work stations, solvent cleaning work bays, weighing stations or for pathology and cytology. With glass tops and sides and low profiles, they are well suited for educational settings. Patented (U.S. Patent No. 6,461,233) features including the Clean-Sweep air foil and zone-perforated rear baffle maximize containment.

Protector XVS Ventilation Stations may be ducted to the outside or connected to the FilterMate Portable Exhauster for HEPA and/or Carbon Filtered exhaust back into the laboratory.

**Catalog Number:** 4866010

## Specifications

- **Weight:** 340.0 lbs
- **Weight metric:** 154.0 kg
- **Dimensions:** 72.0" w x 29.0" d x 22.75" h
- **Dimensions metric:** 182.9 cm x 73.7 cm x 57.8 cm
- **Electrical:** N/A
- **Product Subcategory:** Educational
- **Nominal Width:** 6'
- **Region:** Not Applicable
- **Air Usage/Static Pressure with Sash At Working Height:** At 60 fpm, exhausts 230 CFM at .12" H<sub>2</sub>O static pressure. At 80 fpm, exhausts 305 CFM at .21" H<sub>2</sub>O static pressure.
- **Blower Requirements:** Remote blower required
- **Conformance:** ANSI Z9.5, Modified ASHRAE 110, SEFA 1
- **Lighting:** None. Light Kit Accessory available.
- **Style:** Benchtop

# Description

---

## Features (All Models)

- By-pass airflow design
- Deep interior of 23.4" or 30.0" depending on the model easily accommodates a variety of apparatus including large balances
- Patented Clean-Sweep™ air foil
- Upper containment sash foil bleeds air into the enclosure to direct concentrations of contaminants away from the operator's breathing zone.
- Upper dilution air supply introduces room air at the top of the sash to dilute concentrations in the upper chamber and bathes the back of the sash with clean air
- Patented pivoting rear baffle with zones of perforations promotes horizontal laminar airflow to maximize containment
- Side-entry air foils
- Glacier white and gray, powder-coated aluminum frame and steel rear plenum and baffle. No unreliable plastic-to-plastic bonding is used
- Tempered safety glass front sash, sides and top offer excellent visibility, ambient light and protection
- Ergonomic 20° angled and hinged, pivoting sash with wiping seal. Sashes on 5', 6' and 8' models incorporate an external gas-assist lift
- 8", 10" or 12" high sash opening depending on the model. Models with 8.0 sash opening height have 16.5" locking height and 19.0" maximum loading height. Models with 10.0" or 12.0" sash opening height have 25.75" locking height and 28.25" maximum loading height.
- Two utility ports with iris openings and plastic plugs
- Flexible exhaust options: 2" x 10" rectangular exhaust collars on the top and bottom. 5', 6' and 8' models include three openings on the top and bottom. Cover(s) provided for unused openings
- Particulate containment independently verified by SafeBridge Consultants, Inc.
- Modified ASHRAE 110 conformity as low as 50 fpm independently verified by ECT, Inc.

## Options

- Widths of 2', 3', 4', 5', 6' and 8'
- Heights of 22.8" and 32.0"
- Depths of 29.0" and 35.5"
- 5', 6' and 8' models with 35.5" exterior depth include a left-side mounted waste chute (bags not included)
- International electrical configuration

## Required Accessories (Not Included)

- Remote blower or FilterMate Portable Exhauster(s)
- Work surface
- Supporting base
- Ductwork

## Optional Accessories

- Fluorescent Task Lights
- Guardian Airflow Monitors
- Utility Shelves, Bottle Holder and Tissue Holder
- Exhaust Transition Adapters
- Waste Chute Stopper
- Waste Chute Bags

## Compliance

- Modified ASHRAE 110
- SEFA 1
- ANSI Z9.5
- SEFA 8

## For Product Assistance

---



[International Customer Service](#)



[Eric Liu](#)  
Regional Sales Manager, Asia



Labconco Corporation  
8811 Prospect Avenue  
Kansas City, MO 64132-2696  
Phone: (816) 333-8811

