

# 4' Protector Premier I-S Laboratory Hood with 2 service fixtures and 1 electrical duplex



View online: <https://www.labconco.com/product/4-protector-premier-i-s-laboratory-hood-with-2-service-fixtures-and-1-el/7600>



**Catalog Number:** 100406002

## Overview

---

Protector Premier I-S Laboratory Hoods incorporate a sleek interior with a molded one-piece fiberglass liner, the signature feature of Labconco's leading line of fume hoods since 1961. The one-piece liner of specially-formulated, fiberglass-reinforced polyester offers corrosion and fire resistance and easy clean up. Without seams, the interior has fewer points of deterioration for longer life.

Designed for use with Intelli-Sense Multi-Speed Blowers, Protector Premier I-S Hoods feature integrated sash position blower controls. As the sash is raised or lowered, sensors alert the blower to change speeds to maintain a safe face velocity. That face velocity is displayed on the factory-installed Guardian™ Digital Airflow Monitor for users' peace of mind.

These hoods are suitable for providing personal protection needed for general chemistry applications involving fumes and vapors. They meet the SEFA-1 standard of a low velocity, high performance hood and may be safely operated as low as 60 fpm.

[SEE OUR GREEN INITIATIVES](#)

## Specifications

---

- **Weight:** 335.0 lbs
- **Weight metric:** 152.0 kg
- **Dimensions:** 48.0" w x 31.7" d x 59.0" h
- **Dimensions metric:** 121.9 x 80.5 x 149.9 cm
- **Electrical:** 100-115V, 50/60 Hz, 10A
- **Product Subcategory:** General Chemistry
- **Nominal Width:** 4'
- **Blower Requirements:** Remote blower required
- **Conformance:** ADA, ANSI Z9.5, ASHRAE 110, ASTM E84, CAN/CSA C22.2, CFR 29, NFPA 45, SEFA 1, UL 1805, UL 61010
- **Enclosure Height:** 59.0"
- **Exterior Depth:** 31.7" (80.5 cm)
- **Lighting:** LED
- **Service Fixtures:** 2 and GFCI Duplex
- **Style:** Benchtop

# Description

---

## Features (All Models)

- By-pass airflow design
- Eco-Foil™ Air Foil with aerodynamic Clean-Sweep™ airflow openings
- Cord-Keeper™ Slots on left and right side of air foil
- Factory-installed Intelli-Sense Blower control box
- Factory-installed sash position activated blower speed switches
- Factory-installed Guardian™ Digital Airflow Monitor
- Glacier white powder-coated steel exterior
- One-piece molded fiberglass liner and pre-set baffle(s) with flame spread less than 25 per ASTM E-84
- Tempered safety glass vertical-rising sash with powder-coated sash handle
- 37.5" (95.3 cm) high sightline from the work surface to header panel
- Pre-wired LED lighting with vapor-proof design and ADA-compliant light and blower switches. Lighting rated to 50,000 hours.
- Removable front and side panels, and front service access panels for access to plumbing and electrical wiring
- Molded fiberglass 12.81" ID exhaust connection(s)

## Fixture Models May Feature

- Two pre-plumbed service fixtures with forged brass valves, lower right side with brass tubing for gas and lower left side with copper tubing for cold water. Components for converting either or both fixtures to air and vacuum are provided. Inlet tubing is not provided.
- One pre-wired GFCI electrical duplex receptacle on lower right side and, on 8' models only, one additional pre-wired GFCI electrical duplex receptacle on lower left side

## Required Accessories (Not Included)

- Intelli-Sense Multi-Speed Remote Blower (without control box)
- Ductwork
- Work Surface
- Base Cabinet or Stand
- Dedicated Exhaust

## Optional Accessories

- Service Fixture Kits (Some models include service fixtures)
- Electrical Duplex Kits (Some models include electrical duplex)
- Distillation Grid Kits
- Sash Stop Kits
- Ceiling Enclosure and Rear Finish Panel Kits

## Compliance

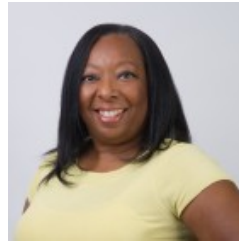
- CFR 29, Part 1910
- Exceed SEFA 1 definition when tested to ASHRAE 110
- NFPA 45
- ASTM E84-09C
- ANSI Z9.5
- UL 61010-1
- CAN/CSA C22.2 No. 61010-1
- UL 1805
- CE Conformity Marking (230 volt models)
- SEFA 8
- ADA (Contact Labconco for ADA-compliant models)

## For Product Assistance

---



[Ryan Caton](#)  
Sales Representative



[Eleanor Watkins](#)  
Customer Service Representative



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

