

# Protector Premier I-S Laboratory Hoods



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 few points of deterioration for longer life.

Designed for use with Intelli-Sense Multi-Spee 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.

Архангельск (8182)63-90-72  
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Барнаул (3852)73-04-60  
Белгород (4722)40-23-64  
Брянск (4832)59-03-52  
Владивосток (423)249-28-31  
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Вологда (8172)26-41-59  
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Екатеринбург (343)384-55-89  
Иваново (4932)77-34-06

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## 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 cent
- 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)

## 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

4' Protector Premier I-S

Laboratory Hood



**Catalog # 100406000**

**Nominal Width:** 4'

**Region:** U.S. and Canada,  
International

**Blower Requirements:** Remote  
blower required

**Exterior Depth:** 31.7" (80.5 cm)

**Service Fixtures:** 0

**Style:** Benchtop

4' Protector Premier I-S

Laboratory Hood with 2 service  
fixtures



**Catalog # 100406021**

**Nominal Width:** 4'

**Region:** U.S. and Canada,  
International

**Blower Requirements:** Remote  
blower required

**Exterior Depth:** 31.7" (80.5 cm)

**Service Fixtures:** 2

**Style:** Benchtop

5' Protector Premier I-S

Laboratory Hood



**Catalog # 100506000**

**Nominal Width:** 5'

**Region:** U.S. and Canada,  
International

**Blower Requirements:** Remote  
blower required

**EtIDth** 31 7" (80 5)

4' Protector Premier I-S

Laboratory Hood



**Catalog # 100406020**

**Nominal Width:** 4'

**Region:** U.S. and Canada,  
International

**Blower Requirements:** Remote  
blower required

**Exterior Depth:** 31.7" (80.5 cm)

**Service Fixtures:** 0

**Style:** Benchtop

4' Protector Premier I-S

Laboratory Hood with 2 service  
fixtures and 1 electrical duplex



**Catalog # 100406002**

**Nominal Width:** 4'

**Region:** U.S. and Canada,  
International

**Blower Requirements:** Remote  
blower required

**Exterior Depth:** 31.7" (80.5 cm)

**Service Fixtures:** 2 and GFCI  
Duplex

**Style:** Benchtop

5' Protector Premier I-S

Laboratory Hood



**Catalog # 100506020**

**Nominal Width:** 5'

**Region:** U.S. and Canada,  
International

**Blower Requirements:** Remote  
blower required

**EtIDth** 31 7" (80 5)

5' Protector Premier I-S  
Laboratory Hood with 2 service  
fixtures



**Catalog # 100506021**

**Nominal Width: 5'**

**Region:** U.S. and Canada,  
International

**Blower Requirements:** Remote  
blower required

**Exterior Depth:** 31.7" (80.5 cm)

**Service Fixtures:** 2

**Style:** Benchtop

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



**Catalog # 100506002**

**Nominal Width: 5'**

**Region:** U.S. and Canada,  
International

**Blower Requirements:** Remote  
blower required

**Exterior Depth:** 31.7" (80.5 cm)

**Service Fixtures:** 2 and GFCI  
Duplex

**Style:** Benchtop

6' Protector Premier I-S  
Laboratory Hood



**Catalog # 100606000**

**Nominal Width: 6'**

**Region:** U.S. and Canada,  
International

**Blower Requirements:** Remote  
blower required

**Exterior Depth:** 31.7" (80.5 cm)

**Service Fixtures:** 0

**Style:** Benchtop

6' Protector Premier I-S  
Laboratory Hood



**Catalog # 100606020**

**Nominal Width: 6'**

**Region:** U.S. and Canada,  
International

**Blower Requirements:** Remote  
blower required

**Exterior Depth:** 31.7" (80.5 cm)

**Service Fixtures:** 0

**Style:** Benchtop

6' Protector Premier I-S  
Laboratory Hood with 2 service  
fixtures



**Catalog # 100606021**

**Nominal Width: 6'**

**Region:** U.S. and Canada,  
International

**Blower Requirements:** Remote  
blower required

**Exterior Depth:** 31.7" (80.5 cm)

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



**Catalog # 100606002**

**Nominal Width: 6'**

**Region:** U.S. and Canada,  
International

**Blower Requirements:** Remote  
blower required

**Exterior Depth:** 31.7" (80.5 cm)

## 8' Protector Premier I-S

### Laboratory Hood



**Catalog # 100806000**

**Nominal Width: 8'**

**Region:** U.S. and Canada,  
International

**Blower Requirements:** Remote  
blower required

**Exterior Depth:** 31.7" (80.5 cm)

**Service Fixtures:** 0

**Style:** Benchtop

## 8' Protector Premier I-S

### Laboratory Hood with 2 service fixtures



**Catalog # 100806021**

**Nominal Width: 8'**

**Region:** U.S. and Canada,  
International

**Blower Requirements:** Remote  
blower required

**Exterior Depth:** 31.7" (80.5 cm)

**Service Fixtures:** 2

**Style:** Benchtop

## 8' Protector Premier I-S

### Laboratory Hood



**Catalog # 100806020**

**Nominal Width: 8'**

**Region:** U.S. and Canada,  
International

**Blower Requirements:** Remote  
blower required

**Exterior Depth:** 31.7" (80.5 cm)

**Service Fixtures:** 0

**Style:** Benchtop

## 8' Protector Premier I-S

### Laboratory Hood with 2 service fixtures and 2 electrical duplexes



**Catalog # 100806002**

**Nominal Width: 8'**

**Region:** U.S. and Canada,  
International

**Blower Requirements:** Remote  
blower required

**Exterior Depth:** 31.7" (80.5 cm)

**Service Fixtures:** 2 and GFCI  
Duplex

**Style:** Benchtop

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