

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

<http://www.labconco.com/product/4-protector-premier-laboratory-hood-with-2-service-fixtures-and-1-electr/3721>

Catalog Number: 100400002



**Weight:** 325.0 lbs **Weight metric:** 147.0 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:** 100-115 volts, 50/60Hz, 10 amps **Product Subcategory:** General Chemistry **Nominal Width:** 4' **Blower Requirements:** Remote blower required **CFM/Static Pressure at 100 fpm:** With sash open 18" high, exhausts 450 CFM at 0.09" static pressure, With sash open 28" high, exhausts 725 CFM at 0.22" static pressure **Conformance:** ANSI Z9.5, ASHRAE 110, ASTM E84, CAN/CSA C22.2, NFPA 45, SEFA 1, UL **Electrical Duplexes:** 1 **Electrical Standard:** 100-115 volts, 50/60 Hz, 10 amps **Enclosure Height:** 59.0" **Lighting:** T8 fluorescent **Service Fixtures:** 2 **Style:** Benchtop

- 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.

Protector Premier 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.

These hoods are suitable for general chemistry applications. Explosion-proof models are available for laboratories with potentially explosive/flammable atmospheres (Class 1 Div I or II).

Protector Premier Hoods incorporate many containment-enhancing features including Clean-Sweep™ technology and Eco-Foil™ air foil. The Protector Premier Hood meets the SEFA-1 standard of a low velocity, high performance hood and may be safely operated as low as 60 fpm.

Protector Premier Laboratory Hoods are offered in 4', 5', 6' and 8' wide benchtop design, so their dimensions exactly match standard laboratory casework or accessory Protector Base Cabinets and Stands. Choose from hoods designed to be used with a remotely-located blower or hoods that include a built-in blower — the only high performance hood with built-in blower available anywhere.

## Compliance

- CFR 29, Part 1910
- SEFA 1-2010
- NFPA 45-2011
- ASTM E84-09C
- ASHRAE 110-1995
- ANSI Z9.5-2011
- UL 61010-1
- CAN/CSA C22.2 No. 61010-1
- UL 1805
- CE Conformity Marking (230 volt mode)
- SEFA 8-2010, Cabinet Surface Finish Tests

## Features

- Eco-Foil™ Air Foil reduces energy consumption by 7-10% compared to flat air foils while its aerodynamic curve allows air to sweep the work surface for maximum containment. Clean-Sweep™ openings pull inflow air from under the air foil forcing air into non-turbulent air streams.

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Use this key to configure the **seven digit catalog number** to order your SpillStopper Dished Solid Epoxy Work Surface. For example, a **9503610** is a 6' SpillStopper Work Surface, with a left rear cupsink cutout for use with a Protector XStream Hood.

**9**      **5**      **0**

**STEP 1.** Select the **model and exterior depth** of your fume hood. This number is the fourth digit of your catalog number.

Model & Depth	
<b>0</b>	Premier, XL with 31.7 depth
<b>1</b>	XL with 37.7 depth
<b>2</b>	XL with 43.7 depth
<b>3</b>	XStream, 37.7 depth

**STEP 2.** Select the **nominal width** of your fume hood. This number is the fifth digit of your catalog number.

<b>3</b>	= 3'*	<b>8</b>	= 8'
<b>4</b>	= 4'	<b>0</b>	= 10'*
<b>5</b>	= 5'	<b>1</b>	= 12'*
<b>6</b>	= 6'	<b>2</b>	= 16'*
<b>7</b>	= 7'*		

**STEP 3.** Select a **left cupsink cutout** option (cupsink is sold separately). See dimensional drawing. This number is the sixth digit of your catalog number.

Left Cupsink Cutout	
<b>0</b>	None
<b>1</b>	Rear
<b>2</b>	Side**

**STEP 4.** Select a **right cupsink cutout** option (cupsink is sold separately). See dimensional drawing. This number is the seventh digit of your catalog number.

Right Cupsink Cutout	
<b>0</b>	None
<b>1</b>	Rear
<b>2</b>	Side**



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