

Protector XStream Laboratory Hoods



Safety is foremost, but energy savings is equally impressive. Although face velocity is a factor, it's the volumetric rate (CFM) that determines the energy consumption. Operating a 6' Protector XStream at 60 fpm face velocity with the sash in its fully open position, requires only 690 CFM. Regardless of your desired operating face velocity, the Protector XStream yields the lowest required CFM of any hood.

The Protector XStream Laboratory Hood takes containment, safety and energy savings to the extreme. This general chemical, high performance fume hood was independently tested and challenged well beyond the SEFA standards. With a face velocity of 40 fpm and sash fully open, the Protector XStream was subjected to 50 fpm cross drafts, NIH protocol and tracer gas measurements in the chest of the mannequin. In all scenarios, the Protector XStream allowed 0.00 ppm average level of tracer gas outside the fume hood. Although your safety officer will determine the actual face velocity setting for your laboratory, the ability of this hood to contain under these adverse conditions sets a new standard of safety.

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Features (All Models)

- By-pass airflow design with variable air volume compatibility
- Eco-Foil Air Foil with aerodynamic Clean-Sweep airflow openings
- Cord-Keeper Slots on left and right side of air foil
- Upper Dilution Air Supply
- Glacier white powder-coated steel exterior
- Rear Downflow Dual Baffle System
- Chemical-resistant, fiberglass-reinforced, composite panel liner and baffles with flame spread index less than 25 per ASTM E84. Baffles are removable for cleaning
- Opti-Zone Baffle with tapered slots
- Tempered safety glass vertical-rising sash with cable and pulley
- Powder-coated sash handle with aerodynamic Clean-Sweep openings
- 37.5" (95.3 cm) high sightline from the work surface to the header panel
- Removable front and side panels, and front and interior service access panels for access to plumbing and electrical wiring
- Pre-wired LED lighting with vapor-proof design and ADA-compliant light and blower switches. Light is rated for 50,000 hours
- Sash stop located at 18" (45.7 cm) sash opening position
- Powder-coated stainless steel, 12.8" (32.5 cm) ID exhaust connection(s).

Fixtured 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)

- Remote blower
- Ductwork
- Work surface
- Base cabinet or stand

4' Protector XStream Laboratory Hood



Catalog # 110410000

Nominal Width: 4'

Blower Requirements: Remote blower required

Style: Benchtop

4' Protector XStream Laboratory Hood with 2 service fixtures



Catalog # 110410001

Nominal Width: 4'

Blower Requirements: Remote blower required

Service Fixtures: 2

Style: Benchtop

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



Catalog # 110410002

Nominal Width: 4'

Blower Requirements: Remote blower required

Electrical Duplexes: 1

Exterior Depth: 37.7" (95.8 cm)

Service Fixtures: 2

Style: Benchtop

5' Protector XStream Laboratory Hood



Catalog # 110510020

Nominal Width: 5'

Blower Requirements: Remote blower required

Exterior Depth: 37.7" (95.8 cm)

Style: Benchtop

4' Protector XStream Laboratory Hood



Catalog # 110410020

Nominal Width: 4'

Blower Requirements: Remote blower required

Exterior Depth: 37.7" (95.8 cm)

Style: Benchtop

4' Protector XStream Laboratory Hood with 2 service fixtures



Catalog # 110410021

Nominal Width: 4'

Blower Requirements: Remote blower required

Exterior Depth: 37.7" (95.8 cm)

Service Fixtures: 2

5' Protector XStream Laboratory Hood



Catalog # 110510000

Nominal Width: 5'

Blower Requirements: Remote blower required

Exterior Depth: 37.7" (95.8 cm)

Style: Benchtop

5' Protector XStream Laboratory Hood with 2 service fixtures



Catalog # 110510001

Nominal Width: 5'

Blower Requirements: Remote blower required

Service Fixtures: 2

Style: Benchtop

5' Protector XStream Laboratory Hood with 2 service fixtures



Catalog # 110510021

Nominal Width: 5'

Blower Requirements: Remote blower required

Exterior Depth: 37.7" (95.8 cm)

Service Fixtures: 2

Style: Benchtop

5' Protector XStream Laboratory Hood with 2 service fixtures and 1 electrical duplex



Catalog # 110510002

Nominal Width: 5'

Blower Requirements: Remote blower required

Electrical Duplexes: 1

Exterior Depth: 37.7" (95.8 cm)

Service Fixtures: 2

Style: Benchtop

6' Protector XStream Laboratory Hood



Catalog # 110610000

Nominal Width: 6'

Blower Requirements: Remote blower required

Exterior Depth: 37.7" (95.8 cm)

Style: Benchtop

6' Protector XStream Laboratory Hood



Catalog # 110610020

Nominal Width: 6'

Blower Requirements: Remote blower required

Exterior Depth: 37.7" (95.8 cm)

Style: Benchtop

6' Protector XStream Laboratory Hood with 2 service fixtures



Catalog # 110610001

Nominal Width: 6'

Blower Requirements: Remote blower required

Service Fixtures: 2

Style: Benchtop

6' Protector XStream Laboratory Hood with 2 service fixtures



Catalog # 110610021

Nominal Width: 6'

Blower Requirements: Remote blower required

Exterior Depth: 37.7" (95.8 cm)

Service Fixtures: 2

Style: Benchtop

6' Protector XStream Laboratory Hood with 2 service fixtures and 1 electrical duplex



Catalog # 110610002

Nominal Width: 6'

Blower Requirements: Remote blower required

Electrical Duplexes: 1

Exterior Depth: 37.7" (95.8 cm)

Service Fixtures: 2

Style: Benchtop

8' Protector XStream Laboratory Hood



Catalog # 110810000

Nominal Width: 8'

Blower Requirements: Remote blower required

Exterior Depth: 37.7" (95.8 cm)

Style: Benchtop

8' Protector XStream Laboratory Hood



Catalog # 110810020

Nominal Width: 8'

Blower Requirements: Remote blower required

Exterior Depth: 37.7" (95.8 cm)

Style: Benchtop

8' Protector XStream Laboratory Hood with 2 service fixtures



Catalog # 110810001

Nominal Width: 8'

Blower Requirements: Remote blower required

Service Fixtures: 2

Style: Benchtop

8' Protector XStream Laboratory Hood with 2 service fixtures and 1 electrical duplex



Nominal Width: 8'

Blower Requirements: Remote blower required

Exterior Depth: 37.7" (95.8 cm)

Service Fixtures: 2

Style: Benchtop

8' Protector XStream Laboratory Hood with 2 service fixtures and 1 electrical duplex



Catalog # 110810002

Nominal Width: 8'

Blower Requirements: Remote blower required

Electrical Duplexes: 2

Service Fixtures: 2

Style: Benchtop

4' Protector XStream Laboratory Hood



Catalog # 9840400

Nominal Width: 4'

Blower Requirements: Remote blower required

Style: Benchtop

4' Protector XStream Laboratory Hood



Catalog # 9840401

Nominal Width: 4'

Blower Requirements: Remote blower required

Electrical Duplexes: 1

Service Fixtures: 2

Style: Benchtop

4' Protector XStream Laboratory Hood



Catalog # 9840402

Nominal Width: 4'

Blower Requirements: Remote blower required

Style: Benchtop

4' Protector XStream Laboratory Hood



Catalog # 9840403

Nominal Width: 4'

Blower Requirements: Remote blower required

Service Fixtures: 2

Style: Benchtop

5' Protector XStream Laboratory Hood



Catalog # 9840500

Nominal Width: 5'

Blower Requirements: Remote blower required

Style: Benchtop

5' Protector XStream Laboratory Hood



Catalog # 9840501

Nominal Width: 5'

Blower Requirements: Remote blower required

Electrical Duplexes: 1

Service Fixtures: 2

Style: Benchtop

5' Protector XStream Laboratory Hood



Catalog # 9840502

Nominal Width: 5'

Blower Requirements: Remote blower required

Style: Benchtop

5' Protector XStream Laboratory Hood



Catalog # 9840503

Nominal Width: 5'

Blower Requirements: Remote blower required

Service Fixtures: 2

Style: Benchtop

6' Protector XStream Laboratory Hood



Catalog # 9840601

Nominal Width: 6'

Blower Requirements: Remote blower required

Electrical Duplexes: 1

Service Fixtures: 2

Style: Benchtop

6' Protector XStream Laboratory Hood



Catalog # 9840602

Nominal Width: 6'

Blower Requirements: Remote blower required

Style: Benchtop

6' Protector XStream Laboratory Hood



Catalog # 9840603

Nominal Width: 6'

Blower Requirements: Remote blower required

Service Fixtures: 2

Style: Benchtop

8' Protector XStream Laboratory Hood



Catalog # 9840800

Nominal Width: 8'

Blower Requirements: Remote blower required

Style: Benchtop

8' Protector XStream Laboratory Hood



Nominal Width: 8'

Blower Requirements: Remote blower required

Electrical Duplexes: 1

Service Fixtures: 2

Style: Benchtop

8' Protector XStream Laboratory Hood



Nominal Width: 8'

Blower Requirements: Remote blower required

Style: Benchtop

8' Protector XStream Laboratory Hood



Catalog # 9840803

Nominal Width: 8'

Blower Requirements: Remote blower required

Service Fixtures: 2

Style: Benchtop

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