



# Protector Stainless Steel Perchloric Acid Laboratory Hoods

Protector Stainless Steel Perchloric Acid Laboratory Hoods are designed specifically for procedures involving the use of perchloric acid. They feature washdown systems, integral work surfaces and drainage troughs so that they may be thoroughly rinsed after each use to prevent the accumulation of potentially reactive perchloric salts.



Available in 4, 5, 6 and 8-foot widths, these benchtop hoods feature a corrosion-resistant Type 316 stainless steel interior to withstand reaction from perchloric acid. The one-piece liner is free of joints, cracks or crevices to prevent build-up of residue and simplify decontamination procedures.

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## Features (All Models)

- By-pass airflow design and by-pass block
- Curved Eco-Foil™ air foil allows air to sweep the work surface while Clean-Sweep™ openings pull inflow air from under the air foil
- Glacier white, powder-coated steel exterior
- Cord-Keeper™ slots on left and right side of air foil
- Seamless Type 316 stainless steel liner (23.5" interior depth) with radiused corners, integral work surface, drainage trough and pre-set baffle(s)
- Black enamel-coated hardboard supporting surface
- Tempered safety glass vertical-rising sash with cable and pulley
- Removable front and side panels and front access panels for access to plumbing and electrical wiring
- Pre-wired LED lighting with vapor-proof design and ADA-compliant light and blower switches. Lighting rated to 50,000 hours
- Built-in washdown system with internal piping and spray nozzles with maximum flow rate from 0.5-1.0 GPM
- Washdown fitting located on top of hood to facilitate connection to external wash rings (wash rings not included)
- 11.0" OD Type 304 stainless steel 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 air. Components for

converting either or both fixtures to cold water and vacuum are provided. Inlet tubing is not provided.

- One pre-wired GFCI electrical duplex receptacle on lower right side and, on 8' models, one additional pre-wired GFCI electrical duplex receptacle on the lower left side.

## Options

- 4', 5', 6' and 8' widths

## Required Accessories (Not Included)

- Dedicated remote PVC blower
- Wash rings and other ductwork
- Base cabinet or stand

## Optional Accessories

- Service Fixture Kits
- Electrical Duplex Kits
- Washdown Valve Kit
- Guardian Airflow Monitor Kits
- Sash Stop Kits
- Ceiling Enclosure and Rear Finish Panel Kits

## Compliance

- SEFA 1
- NFPA 45
- ASTM E84-09C
- ASHRAE 110
- ANSI Z9.5
- SEFA 8
- CFR 29, Part 1910

[4' Protector Stainless Steel  
Perchloric Acid Laboratory Hood,  
115V](#)



**Catalog # 130400000**

**Nominal Width:** 4'

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

**Blower Requirements:** Remote  
blower required

**Style:** Benchtop

[4' Protector Stainless Steel  
Perchloric Acid Laboratory Hood,  
2 Fixtures, 115V](#)



**Catalog # 130400001**

**Nominal Width:** 4'

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

**Blower Requirements:** Remote  
blower required

**Service Fixtures:** 2

**Style:** Benchtop

[4' Protector Stainless Steel  
Perchloric Acid Laboratory Hood,  
230V](#)



**Catalog # 130400020**

**Nominal Width:** 4'

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

**Blower Requirements:** Remote  
blower required

**Style:** Benchtop

[4' Protector Stainless Steel  
Perchloric Acid Laboratory Hood,  
2 Fixtures, 1 Receptacle, 115V](#)



**Catalog # 130400002**

**Nominal Width:** 4'

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

**Blower Requirements:** Remote  
blower required

**Electrical Duplexes:** 1

**Service Fixtures:** 2

**Style:** Benchtop

[4' Protector Stainless Steel  
Perchloric Acid Laboratory Hood,  
2 Fixtures, 230V](#)



**Catalog # 130400021**

**Nominal Width:** 4'

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

**Blower Requirements:** Remote  
blower required

**Service Fixtures:** 2

**Style:** Benchtop

[4' Protector Stainless Steel  
Perchloric Acid Laboratory Hood,  
Deep, 115V](#)



**Catalog # 130410000**

**Nominal Width:** 4'

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

**Blower Requirements:** Remote  
blower required

**Style:** Benchtop

[4' Protector Stainless Steel  
Perchloric Acid Laboratory Hood,  
Deep, 2 Fixtures, 1 Receptacle,  
115V](#)



**Catalog # 130410002**

**Nominal Width:** 4'

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

**Blower Requirements:** Remote  
blower required

**Electrical Duplexes:** 1

**Service Fixtures:** 2

**Style:** Benchtop

[4' Protector Stainless Steel  
Perchloric Acid Laboratory Hood,  
Deep, 2 Fixtures, 230V](#)



**Catalog # 130410021**

**Nominal Width:** 4'

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

**Blower Requirements:** Remote  
blower required

**Service Fixtures:** 2

**Style:** Benchtop

[5' Protector Stainless Steel  
Perchloric Acid Laboratory Hood,  
115V](#)



**Catalog # 130500000**

**Nominal Width:** 5'

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

**Blower Requirements:** Remote  
blower required

**Style:** Benchtop

[4' Protector Stainless Steel  
Perchloric Acid Laboratory Hood,  
Deep, 2 Fixtures, 115V](#)



**Catalog # 130410001**

**Nominal Width:** 4'

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

**Blower Requirements:** Remote  
blower required

**Service Fixtures:** 2

**Style:** Benchtop

[4' Protector Stainless Steel  
Perchloric Acid Laboratory Hood,  
Deep, 230V](#)



**Catalog # 130410020**

**Nominal Width:** 4'

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

**Blower Requirements:** Remote  
blower required

**Style:** Benchtop

[5' Protector Stainless Steel  
Perchloric Acid Laboratory Hood,  
2 Fixtures, 1 Receptacle, 115V](#)



**Catalog # 130500002**

**Nominal Width:** 5'

**Blower Requirements:** Remote  
blower required

**Electrical Duplexes:** 1

**Service Fixtures:** 2

**Style:** Benchtop

[5' Protector Stainless Steel  
Perchloric Acid Laboratory Hood,  
2 Fixtures, 115V](#)



**Catalog # 130500001**

**Nominal Width:** 5'

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

**Blower Requirements:** Remote  
blower required

**Service Fixtures:** 2

**Style:** Benchtop

[5' Protector Stainless Steel  
Perchloric Acid Laboratory Hood,  
230V](#)



**Catalog # 130500020**

**Nominal Width:** 5'

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

**Blower Requirements:** Remote  
blower required

**Style:** Benchtop

[5' Protector Stainless Steel  
Perchloric Acid Laboratory Hood,  
Deep, 2 Fixtures, 1 Receptacle,  
115V](#)



**Catalog # 130510002**

**Nominal Width:** 5'

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

**Blower Requirements:** Remote

**Electrical Duplexes:** 1

**Service Fixtures:** 2

**Style:** Benchtop

[5' Protector Stainless Steel  
Perchloric Acid Laboratory Hood,  
2 Fixtures, 230V](#)



**Catalog # 130500021**

**Nominal Width:** 5'

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

**Blower Requirements:** Remote  
blower required

**Service Fixtures:** 2

**Style:** Benchtop

[5' Protector Stainless Steel  
Perchloric Acid Laboratory Hood,  
Deep, 115V](#)



**Catalog # 130510000**

**Nominal Width:** 5'

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

**Blower Requirements:** Remote  
blower required

**Style:** Benchtop

[5' Protector Stainless Steel  
Perchloric Acid Laboratory Hood,  
Deep, 2 Fixtures, 115V](#)



**Catalog # 130510001**

**Nominal Width:** 5'

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

**Blower Requirements:** Remote  
blower required

**Style:** Benchtop

[5' Protector Stainless Steel  
Perchloric Acid Laboratory Hood,  
Deep, 2 Fixtures, 230V](#)



**Catalog # 130510021**

**Nominal Width:** 5'

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

**Blower Requirements:** Remote  
blower required

**Service Fixtures:** 2

**Style:** Benchtop

[6' Protector Stainless Steel  
Perchloric Acid Laboratory Hood,  
115V](#)



**Catalog # 130600000**

**Nominal Width:** 6'

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

**Blower Requirements:** Remote  
blower required

**Style:** Benchtop

[6' Protector Stainless Steel  
Perchloric Acid Laboratory Hood,  
2 Fixtures, 115V](#)



**Catalog # 130600001**

**Nominal Width:** 6'

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

**Blower Requirements:** Remote  
blower required

**Service Fixtures:** 2

[5' Protector Stainless Steel  
Perchloric Acid Laboratory Hood,  
Deep, 230V](#)



**Catalog # 130510020**

**Nominal Width:** 5'

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

**Blower Requirements:** Remote  
blower required

**Style:** Benchtop

[6' Protector Stainless Steel  
Perchloric Acid Laboratory Hood,  
2 Fixtures, 1 Receptacle, 115V](#)



**Catalog # 130600002**

**Nominal Width:** 6'

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

**Blower Requirements:** Remote  
blower required

**Electrical Duplexes:** 1

**Service Fixtures:** 2

**Style:** Benchtop

[6' Protector Stainless Steel  
Perchloric Acid Laboratory Hood,  
2 Fixtures, 230V](#)



**Catalog # 130600021**

**Nominal Width:** 6'

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

**Blower Requirements:** Remote  
blower required

**Service Fixtures:** 2

[6' Protector Stainless Steel Perchloric Acid Laboratory Hood, 230V](#)



**Catalog # 130600020**

**Nominal Width:** 6'

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

**Blower Requirements:** Remote blower required

**Style:** Benchtop

[6' Protector Stainless Steel Perchloric Acid Laboratory Hood, Deep, 115V](#)



**Catalog # 130610000**

**Nominal Width:** 6'

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

**Blower Requirements:** Remote blower required

**Style:** Benchtop

[6' Protector Stainless Steel Perchloric Acid Laboratory Hood, Deep, 2 Fixtures, 1 Receptacle, 115V](#)



**Catalog # 130610002**

**Nominal Width:** 6'

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

**Blower Requirements:** Remote blower required

**Service Fixtures:** 2

**Style:** Benchtop

[6' Protector Stainless Steel Perchloric Acid Laboratory Hood, Deep, 2 Fixtures, 115V](#)



**Catalog # 130610001**

☐ Compare

**Nominal Width:** 6'

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

**Blower Requirements:** Remote blower required

**Service Fixtures:** 2

**Style:** Benchtop

[6' Protector Stainless Steel Perchloric Acid Laboratory Hood, Deep, 2 Fixtures, 230V](#)



**Catalog # 130610021**

**Nominal Width:** 6'

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

**Blower Requirements:** Remote blower required

**Service Fixtures:** 2

**Style:** Benchtop

[6' Protector Stainless Steel Perchloric Acid Laboratory Hood, Deep, 230V](#)



**Catalog # 130610020**

**Nominal Width:** 6'

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

**Blower Requirements:** Remote blower required

**Style:** Benchtop

[8' Protector Stainless Steel Perchloric Acid Laboratory Hood, 115V](#)



**Catalog # 130800000**

**Nominal Width:** 8'

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

**Blower Requirements:** Remote blower required

**Style:** Benchtop

[8' Protector Stainless Steel Perchloric Acid Laboratory Hood, 2 Fixtures, 2 Receptacles, 115V](#)



**Catalog # 130800002**

**Nominal Width:** 8'

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

**Blower Requirements:** Remote blower required

**Electrical Duplexes:** 2

**Service Fixtures:** 2

**Style:** Benchtop

[8' Protector Stainless Steel Perchloric Acid Laboratory Hood, 2 Fixtures, 115V](#)



**Catalog # 130800001**

**Nominal Width:** 8'

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

**Blower Requirements:** Remote blower required

**Service Fixtures:** 2

**Style:** Benchtop

[8' Protector Stainless Steel Perchloric Acid Laboratory Hood, 2 Fixtures, 230V](#)



**Catalog # 130800021**

**Nominal Width:** 8'

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

**Blower Requirements:** Remote blower required

**Service Fixtures:** 2

**Style:** Benchtop

[8' Protector Stainless Steel Perchloric Acid Laboratory Hood, 230V](#)



**Catalog # 130800020**

**Nominal Width:** 8'

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

**Blower Requirements:** Remote blower required

**Style:** Benchtop

[8' Protector Stainless Steel Perchloric Acid Laboratory Hood, Deep, 115V](#)



**Catalog # 130810000**

**Nominal Width:** 8'

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

**Blower Requirements:** Remote blower required

**Style:** Benchtop

[8' Protector Stainless Steel Perchloric Acid Receptacles, 115V](#)



**Catalog # 130810002**

**Nominal Width:** 8'

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

**Blower Requirements:** Remote blower required

**Electrical Duplexes:** 2

**Service Fixtures:** 2

**Style:** Benchtop

[8' Protector Stainless Steel Perchloric Acid Laboratory Hood, Deep, 2 Fixtures, 115V](#)



**Catalog # 130810001**

**Nominal Width:** 8'

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

**Blower Requirements:** Remote blower required

**Service Fixtures:** 2

**Style:** Benchtop

[8' Protector Stainless Steel Perchloric Acid Laboratory Hood, Deep, 2 Fixtures, 230V](#)



**Catalog # 130810021**

**Nominal Width:** 8'

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

**Blower Requirements:** Remote blower required

**Service Fixtures:** 2

**Style:** Benchtop

[8' Protector Stainless Steel Perchloric Acid Laboratory Hood, Deep, 230V](#)



**Catalog # 130810020**

**Nominal Width:** 8'

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

**Blower Requirements:** Remote blower required

**Style:** Benchtop

[Protector Stainless Steel Perchloric Acid Laboratory Hood](#)



**Catalog # 4882100**

**Nominal Width:** 4'

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

**Blower Requirements:** Remote blower required

**Electrical Duplexes:** 1

**Service Fixtures:** 2

**Style:** Benchtop

[Protector Stainless Steel Perchloric Acid Laboratory Hood](#)



**Catalog # 6082100**

**Nominal Width:** 5'

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

**Blower Requirements:** Remote blower required

**Electrical Duplexes:** 1

**Service Fixtures:** 2

**Style:** Benchtop

[Protector Stainless Steel Perchloric Acid Laboratory Hood](#)



**Catalog # 7282100**

**Nominal Width:** 6'

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

**Blower Requirements:** Remote blower required

**Electrical Duplexes:** 1

**Service Fixtures:** 2

**Style:** Benchtop

[Protector Stainless Steel Perchloric Acid Laboratory Hood](#)



**Catalog # 9682100**

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

**Blower Requirements:** Remote blower required

**Electrical Duplexes:** 1

**Service Fixtures:** 2

**Style:** Benchtop

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