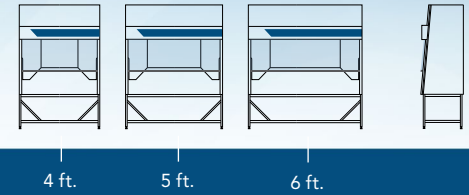


Purair[®] DUCTED



Purair Ducted PLUS Fume Hoods / Enclosures

Exhausts harmful fumes and particulates away from the operator's breathing zone when connected to an inhouse vent system.



AS-HAS-180-CA-A



"The World's Most Extensive Selection of Containment Solutions."



CONTENTS:

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Purair^{DUCTED}
PLUS Fume Hoods

4 ft. • 5 ft. • 6 ft

PRODUCT OVERVIEW

2

INTRODUCTION

Air Science® Purair® Basic Ducted PLUS Fume Hoods
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APPLICATIONS

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Forensics \ Educational \ Microscopy \
Pharmaceutical \ Powder Weighing \ Sample Prep
Work \ Veterinary \ Dental

KEY FEATURES

- Aerodynamic Sash Handle.
- Flip-down Cover
- Protects the operator from fume hazards.

AIRFLOW

Unlike a ductless fume hood, the Purair Basic total exhaust fume hood is installed in a fixed location and hard connected to the facility exhaust system to create a negative pressure work surface. Hazardous fumes and vapors generated on the work surface are exhausted to the outside. Air intake face velocity can be adjusted to provide the desired balance between conditioned room air conservation and the necessary volume of exhausted contaminated air.



AS-HAS-150-CA-A

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Purair^{DUCTED}
PLUS Fume Hoods

4 ft. • 5 ft. • 6 ft

DESIGN FEATURES

3



AS-HAS-120-CA-A

DESIGN FEATURES

- A. Flip-down Cover:** Easy maintenance & light tube replacement.
- B. Membrane Control Panel:** An optional analog air velocity meter is positioned in the user's field of vision.
- C. Aerodynamic Sash Handle:** The aerodynamic sash handle shape allows to optimize air flow, increasing ventilation efficiency as well as decreases air flow turbulences.
- D. Electrical Outlets with Splash-proof Cover:** Text about benefit of cover design
- E. Maintenance Board Inside:** Can be removed inside for gas cock installation and maintenance.

ADDITIONAL FEATURES

Lining Material Options: Available in phenolic resin or stainless steel #304

! IMPORTANT NOTE: Ducting / fan not included with unit. End user is responsible for meeting exhaust ventilation regulations before venting fumes and should defer to the appropriate agency or agencies (federal, state, local) and / or contact a certified industrial hygienist or qualified safety professional to verify application suitability with this product.

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Purair^{DUCTED}
PLUS Fume Hoods

4 ft. • 5 ft. • 6 ft

PERFORMANCE & SELECTION

4

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PERFORMANCE

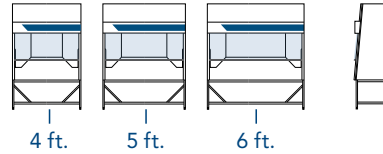
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DESIGN

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RELIABILITY

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SELECTION

Purair Ducted Plus fume hoods are available in 3 standard sizes. Adi in pel milibus cipsum que magnimos solupta tiorum earumquam faceate nihilla metur? Ipsunt laccat poritatur seque maximagnatus dolupta ectur, officiet quidebit eos qui dolor aspelique vid maios de ex et archit sciusant dent, utem aditatur, cus ab is molupta quatem fugia dolliquiae ra intiis endae venet ommodit omnim

CONTROL

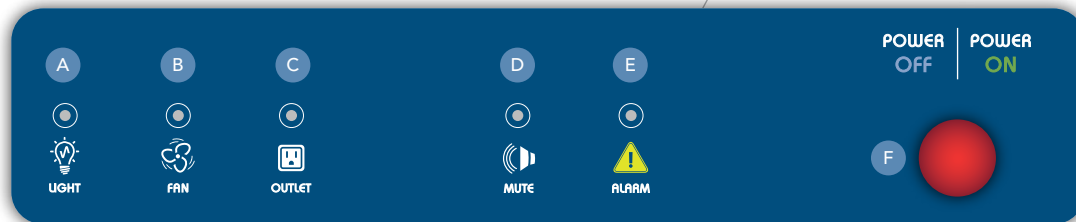
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Purair Ducted Plus fume hood models are equipped with membrane-style switches.

- A.** Light ON/OFF
- B.** Blower ON/OFF
- C.** Outlet ON/OFF
- D.** Mute switch
- E.** Motor overloading alarm
- F.** Emergency stop



Membrane Control Panel



Specifications are subject to change without notice or obligation on the part of Air Science. For questions, contact Air Science. _____

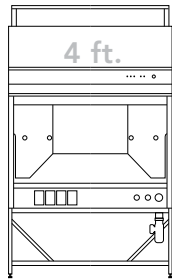
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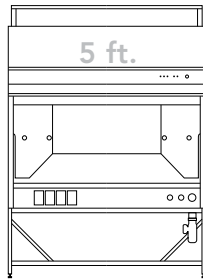


4 ft. • 5 ft. • 6 ft.
SPECIFICATIONS

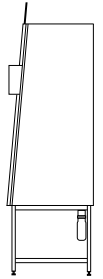
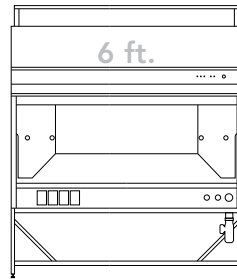
AS-HAS-120



AS-HAS-150



AS-HAS-180



MODEL	LINING MATERIAL	VOLTAGE	LIGHT	OUTLET	DIMENSIONS			WEIGHT (LBS/KG)	
					Internal (W x D x H)	External (W x D x H)	Shipping (W x D x H)	Net	Ship

Purair BIO Models

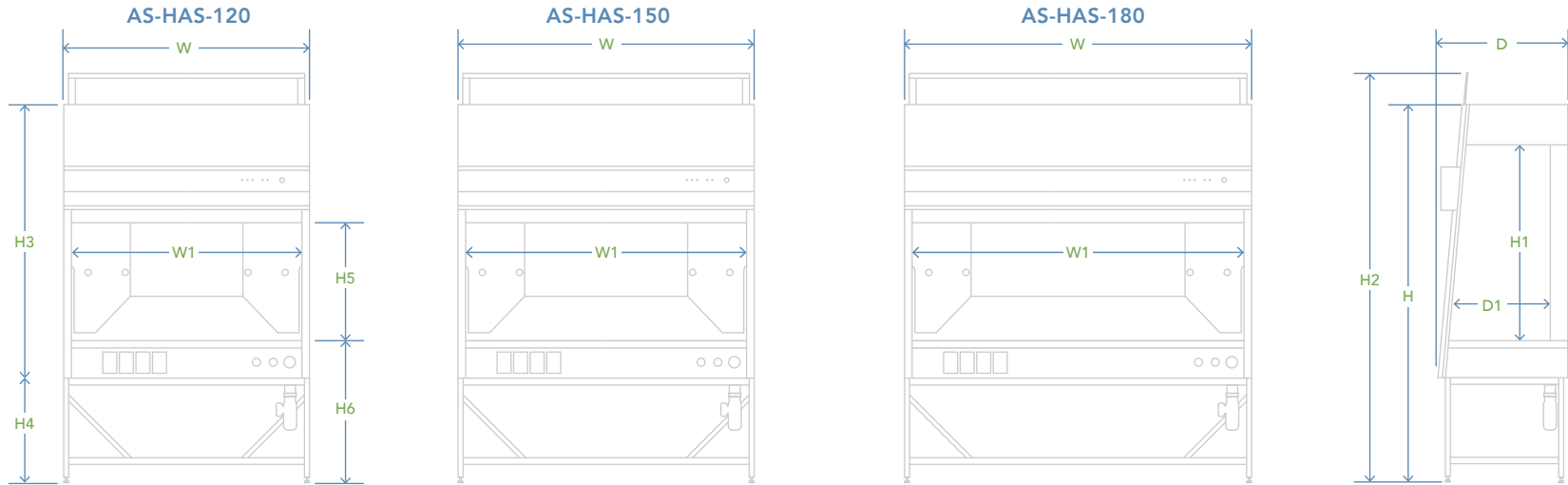
4 ft. AS-HAS-120-CA-A	Phenolic resin	1Φ230V 1Φ115V	T5 21W x 2	115V x 4	43.1" x 24" x 46.6" 1095 x 610 x 1184 mm	47.4" x 30.8" x 89.9" 1204 x 782 x 2284 mm	XXX	XXX	XXX
4 ft. AS-HAS-120-CA-B	SUS#304								
4 ft. AS-HAS-120-CB-A	Phenolic resin	1Φ230V	T5 21W x 2	230V x 4	43.1" x 24" x 46.6" 1095 x 610 x 1184 mm	47.4" x 30.8" x 89.9" 1204 x 782 x 2284 mm	XXX	XXX	XXX
4 ft. AS-HAS-120-CB-B	SUS#304								
5 ft. AS-AHA-150-CA-A	Phenolic resin	1Φ230V 1Φ115V	T5 28W x 2	115V x 4	54.9" x 24" x 46.6" 1395 x 610 x 1184 mm	59.2126" x 30.8" x 89.9" 1504 x 782 x 2284 mm	XXX	XXX	XXX
5 ft. AS-AHA-150-CA-B	SUS#304								
5 ft. AS-HAS-150-CB-A	Phenolic resin	1Φ230V	T5 28W x 2	230V x 4	54.9" x 24" x 46.6" 1395 x 610 x 1184 mm	59.2126" x 30.8" x 89.9" 1504 x 782 x 2284 mm	XXX	XXX	XXX
5 ft. AS-HAS-150-CB-B	SUS#304								
6 ft. AS-AHA-180-CA-A	Phenolic resin	1Φ230V 1Φ115V	T5 36W x 2	115V x 4	67" x 24" x 46.6" 1695 x 610 x 1184 mm	71" x 30.8" x 89.9" 1804 x 782 x 2284 mm	XXX	XXX	XXX
6 ft. AS-AHA-180-CA-B	SUS#304								
6 ft. AS-HAS-180-CB-A	Phenolic resin	1Φ230V	T5 36W x 2	230V x 4	67" x 24" x 46.6" 1695 x 610 x 1184 mm	71" x 30.8" x 89.9" 1804 x 782 x 2284 mm	XXX	XXX	XXX
6 ft. AS-HAS-180-CB-B	SUS#304								

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4 ft. • 5 ft. • 6 ft
SPECIFICATIONS



DETAILED DIMENSIONS

	External (W × D × H)	Working Area (W1 × D1 × H1)	Max Height (H2)	Upper Part Height (H3)	Stand Height (H4)	Sash Opening Height (H5)	Worktop Height (H6)
Purair BIO Models							
4 ft. AS-HAS-120-CA-A	47.4" × 30.8" × 89.9"	43.1" × 24" × 46.6"	97.3"	65.1"	24.8"	28.3"	33"
4 ft. AS-HAS-120-CB-A	1204 × 782 × 2284 mm	1095 × 610 × 1184 mm	2471 mm	1654 mm	630 mm	720 mm	838 mm
4 ft. AS-HAS-120-CA-B	47.4" × 30.8" × 89.9"	43.1" × 24.3" × 46.4"	97.3"	65.1"	24.8"	27.8"	33.5"
4 ft. AS-HAS-120-CB-B	1204 × 782 × 2284 mm	1095 × 617 × 1179 mm	2471 mm	1654 mm	630 mm	705 mm	851 mm
5 ft. AS-HAS-150-CA-A	59.2" × 30.8" × 89.9"	00.0" × 24" × 46.6"	97.3"	65.1"	24.8"	28.3"	33"
5 ft. AS-HAS-150-CB-A	1504 × 782 × 2284 mm	1395 × 610 × 1184 mm	2471 mm	1654 mm	630 mm	720 mm	838 mm
5 ft. AS-HAS-150-CA-B	59.2" × 30.8" × 89.9"	00.0" × 24.3" × 46.4"	97.3"	65.1"	24.8"	27.8"	33.5"
5 ft. AS-HAS-150-CB-B	1504 × 782 × 2284 mm	1395 × 617 × 1179 mm	2471 mm	1654 mm	630 mm	705 mm	851 mm
6 ft. AS-HAS-180-CA-A	71" × 30.8" × 89.9"	00.0" × 24" × 46.6"	97.3"	65.1"	24.8"	28.3"	33"
6 ft. AS-HAS-180-CB-A	1804 × 782 × 2284 mm	1695 × 610 × 1184 mm	2471 mm	1654 mm	630 mm	720 mm	838 mm
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6 ft. AS-HAS-180-CB-B	1804 × 782 × 2284 mm	1695 × 617 × 1179 mm	2471 mm	1654 mm	630 mm	705 mm	851 mm

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4 ft. • 5 ft. • 6 ft
 OPTIONS & ACCESSORIES

OPTIONS & ACCESSORIES

Purair Ducted Plus Models	External Dimensions	AS-HAS-120-CA-A	AS-HAS-150-CA-A	AS-HAS-180-CA-A
		AS-HAS-120-CA-B	AS-HAS-150-CA-B	AS-HAS-180-CA-B
		AS-HAS-120-CB-A	AS-HAS-150-CB-A	AS-HAS-180-CB-A
		AS-HAS-120-CB-B	AS-HAS-150-CB-B	AS-HAS-180-CB-B
Metal Cupboard: Single Door/Left Hand	21.9" × 20.7" × 22.4" 555 × 525 × 570 mm	CML-555-AA-A	-	-
Metal Cupboard: Single Door/Right Hand	21.9" × 20.7" × 22.4" 555 × 525 × 570 mm	CMR-555-AA-A	-	-
Metal Cupboard: Double Door	27.8" × 20.7" × 00.0" 705 × 525 × 570 mm	-	CMD-705-AA-A	-
Metal Cupboard: Double Door	33.7" × 20.7" × 22.4" 855 × 525 × 570 mm	-	-	CMD-855-AA-A

Safety cabinets are also available for cupboard option.



AS-HAS-150-CA-A with double door metal cupboard



AS-HAS-180-CA-A with safety cabinet

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4 ft. • 5 ft. • 6 ft
 OPTIONS & ACCESSORIES

WARRANTY

This product is protected by the Air Science Legacy Limited Lifetime Warranty™.



For details visit the [Warranty section](#) of our website.

STANDARDS & COMPLIANCE

Quality Management Systems	ISO 9001 : 2015
OSHA, Occupational Safety and Health Administration	OSHA Standard -29 CFR, Safety and Health Regulations for General Industry, 1910.1450: Occupational exposure to hazardous chemicals in laboratories. Part B, definition, laboratory type hood. This product may assist you with compliance or as part of your chemical hygiene plan. Please consult your Safety Officer and/or Industrial Hygienist.
Environment	ISO 14001: 2015 ENERGY STAR® Partner



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WolfLabs

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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Please contact us if this literature doesn't answer all your questions.