



Air Science® Purair® BASIC Ductless Fume Hood, 4'

Description: The Purair® BASIC ductless fume hoods are designed to protect the user and the environment from hazardous vapors generated on the work surface. Using innovative filtration technology, the Purair BASIC creates a safe work environment over the widest range of applications in the industry. The Purair BASIC can be equipped with a single HEPA filter, or with a stacked configuration with double HEPA filters. When used with a HEPA filter, the ductless fume hood may be applied as a Class I Biological Safety Cabinet.

**Note: Unit comes unassembled and requires assembly for set up.

**Note: Work surface, base stand, and filters not included. Sold separately.

Features:

- High-capacity air handling system delivers face velocity of 100 fpm.
- Filter I.D. Window: A convenient, strategically placed front cover window shows the installed filter part number and installation date for convenience and to encourage timely filter placement.
- Hinged Front Sash: When closed, the cabinet sash protects the contents from inadvertent external contact and better isolates the air within. The sash is easy to open and close.
- Control Panel: Electronic controls and displays include switches for the blower and filter blockage alarm.
- Steel Support Frame: The chemical resistant epoxy coated steel frame adds mechanical strength.
- Electrostatic Pre-Filter: The electrostatic pre-filter is accessible from inside the chamber and 91% effective down to 1-3 microns.

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- Pass-Through Ports: Electrical cords and cables are safely routed into the cabinet through ports on the back.
- Filter Blockage Alarm: Continuously monitors filter loading and alerts user when service is needed.
- Internal Manual Speed Controller: Authorized personnel may set the EC blower speed as desired.
- Filter Door Key: Filter access keys prevent unauthorized removal or accidental exposure to dirty filters.
- 360 Degree Visibility: Clear back and side panels allow ambient light into the chamber and provide users with an unobstructed view of its contents.
- Standards Compliant: Performance specifications and construction meet or exceed OSHA, ANSI, and relevant international standards to assure operator safety.

Technical Specifications:

Weight (kg/lb)	63.0 / 138.0
External Dimensions : W x D x H (cm/in)	121.9 x 67.6 x 88.9 / 48.0 x 27.0 x 35.0
Electrical	120 V, 60 Hz
Face Velocity (fpm)	100
Airflow Monitor	Filter Blockage Alarm, Standard
Blower Requirements	EC Blower
Lighting	LED
Internal Height (cm/in)	59.2 / 23.3
Conformance	UL-C-61010-1 CAN C22.2 61010-1-12 EN 61010-1:2010

Associated Products:

- Work Surface: 7046 – Air Science® Purair® BASIC Spill Tray, 4'
- Base Stand: 6222 – Air Science® Purair® BASIC and RX Series Base Stand with Casters, 4'
- Exhaust Canopy: 6077 – Air Science® Purair® BASIC Canopy, 4'
- Replacement Pre-filter(s): 6670 – Air Science® Purair® BASIC and RX Series Pre-Filter, Pack of 6
- Main Filter(s): 7045 – Air Science® Purair® BASIC and RX Series HEPA Filter (2 x Required)
- Secondary Filters(s): 7045 – Air Science® Purair® BASIC and RX Series HEPA Filter (2 x Required)

Warranty: Limited Legacy Lifetime

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