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PRODUCT NO.: 5759



3' Ductless Fume Hood, Extra Tall (Purair Basic)

36"W x 27"D x 35"H, Low Airflow Alarm, HEPA Filter not Included

DESCRIPTION: The Purair Basic ductless fume hoods are a series of high efficiency laboratory filtration products designed to protect the user and the environment from hazardous vapors generated on the work surface. At the heart of the Purair fume hood product line is the innovative Air Science Multiplex™ Filtration Technology that creates a safe work environment over the widest range of applications in the industry.

FEATURES:

- High capacity air handling system delivers face velocity of 100 fpm.
- Filter I.D. Window: A strategically placed front cover window shows the installed filter part number and installation date for convenience and to encourage timely filter replacement.
- 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 low airflow alarm.
- Steel Support Frame: The chemical resistant epoxy coated steel frame adds mechanical strength. Optional all polypropylene construction is available if desired; see Accessories.
- Electrostatic Pre-Filter: The 99.5% effective electrostatic pre-filter is accessible from inside the chamber to contain the release of any particulates that it traps. The pre-filter can be changed while the unit is operating to prevent operator exposure to chemical vapors. 1 pre-filter is required for replacement.
- HEPA Filter: 1 is required for the Purair Basic (sold separately). The Air Science® filter assembly is easy to access, easy to change.
- Pass-Through Ports: Electrical cords and cables are safely routed into the cabinet through ports on the back and side walls.
- Color: The cabinet is white with blue trim; side and back panels are clear.
- Airflow Alarm: A continuous air velocity monitoring system alerts the operator upon unacceptable values.

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- Internal Manual Speed Controller: Authorized personnel may set the centrifugal fan motor speed as desired.
- Work Surface: The internal work surface can be fitted with an optional polypropylene tray (6911- 01). A unique filter clamping design eliminates bypass leakage outside the cabinet.
- 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 illumination 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. See full list below.
- Construction: Metal
- Steel Support Frame: The chemical resistant epoxy coated steel frame adds mechanical strength.

TECHNICAL SPECIFICATIONS:

External Dimensions, W x D x H (in/mm)	36 x 27 x 35/914 x 676 x 889
Shipping Dimensions, W x D x H (in/cm)	40 x 40 x 40/101.6 x 101.6 x 101.6
Airflow (cfm)	206
Face Velocity (fpm)	100
Noise, 1 meter (dBA)	<50
Lighting	Compact Fluorescent Lamp
Construction	White epoxy coated steel frame and head unit. Clear sides and back panel
Blower	Ebmpapst™ centrifugal fan
Electrical	120V/60Hz
Electrical Switches	Main On/Off
Monitoring	Low Airflow Alarm, Standard
Pre-Filter	Electrostatic, 1 lb./0.45kg
Net Weight (lbs/kg)	95/43
Shipping Weight (lbs/kg)	152/69

WARRANTY: 2 years

APPLICABLE PRODUCTS:

- 7045-01: HEPA filter (1 required for 1 5759-01)
- 6911-01: Spillage Tray
- 6910-01: Exhaust Collar

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