



Air Science® Purair® RX Series Ductless Fume Hood, 3'

Description: The Purair® RX Class I Balance Enclosure meets USP 800 and USP 795 requirements for non-sterile compounding processes. The Purair RX is designed to protect the user and the environment from hazardous powders and particulates generated on the work surface. The Purair RX comes with single HEPA filtration configuration and external exhaust collar. Optional purchase of a second HEPA filter to convert this enclosure to redundant HEPA filtration. When used with a HEPA filter, the ductless fume hood may be applied as a Class I Biological Safety Cabinet.

**Note: Base stand not included. Sold separately.

Features:

- **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.
- **Control Panel:** Electronic controls and displays include switches for the blower and filter blockage alarm.
- **Filter Blockage Alarm:** Continuously monitors filter loading and alerts user when service is needed.
- **Steel Support Frame:** The chemical resistant epoxy coated steel frame adds mechanical strength.
- **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.
- **Work Surface:** The internal work surface is fitted with a standard black resin spill tray.
- **Pass-Through Ports:** Electrical cords and cables are safely routed into the cabinet through ports on the back.

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- **Electrostatic Pre-Filter:** The electrostatic pre-filter is accessible from inside the chamber and 91% effective down to 1-3 microns.
- **Filter Door Key:** Filter access keys prevent unauthorized removal or accidental exposure to dirty filters.
- **Internal Manual Speed Controller:** Authorized personnel may set the EC blower speed as desired.
- **Side Waste Chutes:** 6" diameter side waste chutes safely transfer waste from the work surface to the proper disposal receptacle.
- **Rear Internal Baffle:** Rear baffle provides smooth horizontal airflow pattern. Removeable for easy cleaning.
- **External Exhaust Connection:** Standard 6 in. diameter exhaust connection port to allow for outside ducting if preferred.
- **360 Degree Visibility:** Clear back and side panels allow ambient light into the chamber and provide users with an unobstructed view of its contents.

Technical Specifications:

Weight (kg/lb)	45.0 / 99.0
External Dimensions : W x D x H (cm/in)	91.4 x 67.6 x 88.9 / 36.0 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
Noise (dBA)	<55
Internal Height (cm/in)	60.0 / 23.6
Conformance	UL-C-61010-1 CAN C22.2 61010-1-12 EN 61010-1 : 2010

Associated Products:

- **Base Stand:** 6862 – Air Science® Purair® BASIC and RX Series Base Stand with Casters, 3'
- **Replacement Pre-filter(s):** 6670 – Air Science® Purair® BASIC and RX Series Pre-Filters
- **Replacement Main Filter(s):** 7045 – Air Science® Purair® BASIC and RX Series HEPA Filter
- **Secondary Filter(s):** 7045 – Air Science® Purair® BASIC and RX Series HEPA Filter

Warranty: Limited Legacy Lifetime

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