



# Airflow 7

## Industrial Ductless

## Industrial Ductless Fume Enclosure

The Airflow 7 Balance Hood is a Class I enclosure that meets USP 795 requirements for non-sterile compounding procedures. The Airflow 7 is designed to protect the user and the environment from hazardous powders and particulates generated on the work surface. At the heart of the Airflow 7 cabinet line is innovative ductless technology that creates a safe work environment in a wide variety of applications utilizing balance enclosures, compounding, powder mixing, and powder weighing.

## Airflow 7 Features & Benefits

- High efficiency ebm-papst EC blower.
- Energy savings LED lighting.
- Protects the operator from powder and particle hazards.
- Improved filter clamping eliminates bypass leakage.
- Exhaust canopy allows for thimble ducting to the facility exhaust system.
- Filter blockage alarm.
- Complies with USP 800 USP 795 guidelines.



**The Fume Cupboard Company**

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### The Airflow 7 Ductless balance enclosure airflow

**360 Degree Visibility:** Clear back and side panels allow ambient illumination into the chamber and provide users with an unobstructed view of its contents. This also helps eliminate operator fatigue.

Available in either metal or polypropylene construction.

Available in 120V, 60Hz or 230V, 50Hz models.

**SafeSwitch Filter Shutter System:** (Optional) A unique filter shutter system closes the exposed filter media face and minimizes exposure to the contaminated filters, protecting the operator and the environment.

- Pharmaceutical - Educational - R & D - Health and Diagnostic Laboratories - Facilities Management.

Choosing the correct Fume Cupboard and associated Extraction System for your Organisation or Business can involve complex decisions. The Fume Cupboard Company offers full no obligation guidance throughout.

### Product Features:

- **Filter I.D. Window:** A strategically placed front cover window shows the installed filter part number and installation date to encourage timely filter replacement.
- **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.
- **Air Velometer:** An optional analog air velocity meter is positioned in the user's field of vision.
- **Steel Support Frame:** The chemical resistant epoxy coated steel frame adds mechanical strength. Optional all polypropylene construction is available if desired shown with optional velometer, stainless steel spill tray, and mobile cart.
- **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 and features a self-locking feature.
- **Work Surface:** The internal work surface can be fitted with a standard polypropylene spill tray (available in white and black). An optional stainless steel tray is also available.
- **Pass Through Ports:** Electrical cords and cables are safely routed into the cabinet through ports on the back.
- **Electrostatic Pre-Filter:** The 91% effective electrostatic pre-filter is accessible from inside the chamber to contain the release of any particulates that it traps.
- **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 a desired.
- **Side Waste Chutes:** Airflow 7 hoods are available with 6" diameter side waste chutes to safely transfer waste from the work surface to the proper disposal receptacle.
- **Rear Internal Baffle:** Rear baffle provides smooth horizontal airflow pattern. Removable for easy cleaning.
- **External Exhaust Connection:** Standard 6 in. diameter external exhaust connection port. USP-800 compliant.

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