AIR*FILTRONIX*

Laboratory Solutions

The AP Series Ductless Fume Hood provides a safe work environment for lab staff working with acids and harsh chemicals.

The hood includes an advanced VAV (Variable Air Volume) system. The VAV system measures the air velocity using a high quality sensor and adjusts the air velocity speed to the relevant standard. The system is designed to keep harmful airborne contaminants away from the operator's respiratory zone. Various filter media is used depending on the type of chemical vapors and or particulate that are generated. Since the air is recirculated, no exterior ducting is necessary. The system features a high safety level, displaying real time air velocity and providing alarms for low velocity levels.
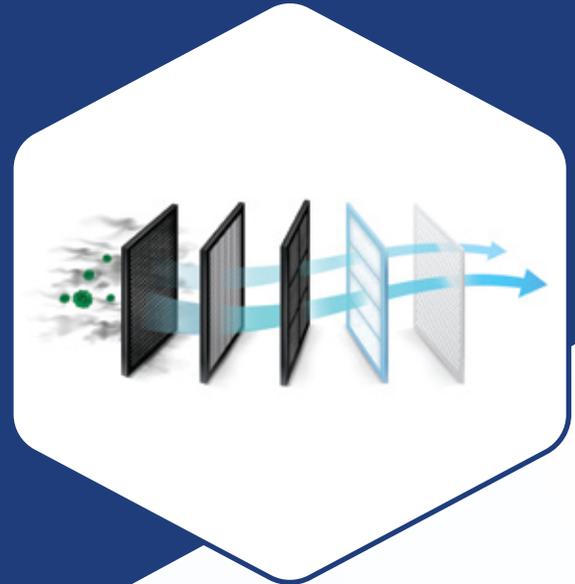
This system is compliant to EN014075/CE/ASHREA 110-1995 certified and comply with AFNOR NFX 15-211 (Class 1 & 2)

Features:

- Automatic airflow
- Chemical sensor alarm
- Polypropylene structure with high chemical resistance
- Built in sealed polypropylene worktop
- 9" color touch screen
- Tempered glass sliding front window
- Monitor displays fan's total operation time, for tracking and filter replacement purposes
- Eco-friendly, cost effective 800 LUX LED lighting
- Wind speed 100 FPM
- Front access for filter replacement
- Variety of HEPA & carbon filters
- EC fan - High efficiency low energy

Active Charcoal or HEPA Filter   **Control Panel**

Tempered Glass Sash   **Electrical Outlets**   **LED Lighting**

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a division of Glas-Col, L.L.C.

Spec/Model	200T AP36	200T AP48
Outer Dimensions (W x D x H)	900 x 750 x 950mm 35.4" x 29.5" x 48"	1200 x 750 x 1223mm 47.24" x 29.5" x 48"
Workspace (W x D x H)	885 x 590 x 695mm 34.8" x 23.2" x 27.3"	1185 x 590 x 695mm 46.6" x 23.2" x 27.3"
Operational Sash Opening	495mm / 19.5"	495mm /19.5"
Air Velocity	0.5± 0.1 m/s, 100±20 FPM	0.5± 0.1 m/s, 100±20 FPM
Hood Material	Welded white polypropylene structure with built-in sealed polypropylene worktop	
Noise Level (Tested 8" from the worktable, 48" above ground)	<52dB	<54dB
Power Supply	110V, 60Hz Single Phase	110V, 60Hz Single Phase
Illumination	Eco-friendly LED lighting	Eco-friendly LED lighting
Filters Carbon Acid Formaldehyde Pre-Filter HEPA	Catalog # 200F CR36A 200F AC36A 200F FM36A 200F FR36A 200F HP36A	Catalog # 200F CR48A 200F AC48A 200F FM48A 200F FR48A 200F HP48A
LED Light	800 LUX, Eco-friendly LED lighting	800 LUX, Eco-friendly LED lighting
Optional Base	Catalog # 200B A36S	Catalog # 200B A48S
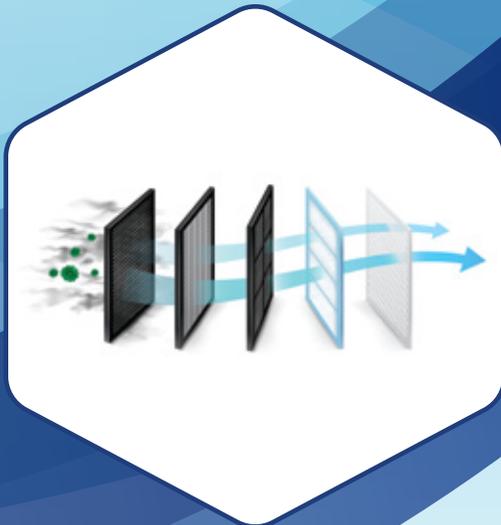
Chemical Sensor Alarm

Samples the chemical level after filtration and displays PPM results and alerts upon low filtration efficiency.

Optional Base