

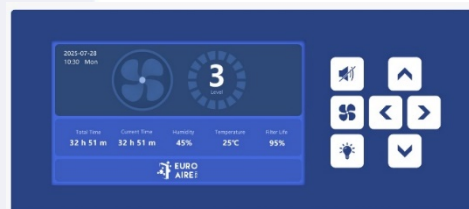
VERTICAL FLOW GAS EXHAUST CABINET

Models FHX 1000/1200/1500/1800

Features

- The FHX series fume hoods are designed for modular laboratories where safe ventilation is required, minimizing exposure to and inhalation of chemical contaminants.
- It is constructed of epoxy-coated steel. The side panels are made of glass. The front panel is angled at 10° for user comfort. The front glass panel slides open via a motor.
- The work surface is removable for easy cleaning and is constructed of materials highly resistant to chemicals.
- Manually sliding front glass panel.
- Protective barrier in the work area with a flow velocity greater than 0.5 m/s.
- Standard units come equipped with special activated carbon filters, and absolute filters can be optionally installed, depending on the contaminants to be retained. A tube up to 4 meters long can be connected to the outlet and extended to the outside without the need for a booster fan.
- Standard units are equipped with a water connection and drain, a gas connection, and two 220 V outlets.
- Microprocessor-controlled cabinet for adjusting the speed.
- The cabinet is equipped with an easy-to-use touch panel for controlling white/ultraviolet lighting, an internal power outlet, a gas valve, and parameters.

Chemical Protection



- Fluorescent and UV lighting.
- Operating voltage 220 V / 50 Hz. Optional 110 V / 60 Hz. Maximum current consumption 6 A (approx. 1300 W).
- The cabinet comes standard with a UV light; 1 IP55 electrical outlet for 1000 W loads, water inlet, gas inlet, sink, and support table.



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Technical Specifications

MODEL	FHX 1000	FHX 1200	FHX 1500	FHX-1800
Interior Dimensions (mm)	880 x 730 x 745	1100 x 730 x 745	1405 x 730 x 745	1710 x 730 x 745
External Dimensions (mm)	1000 x 850 x 2150	1220 x 850 x 2150	1525 x 850 x 2150	1830 x 850 x 2150
Shipping dimensions (mm)	1140 x 1100 x 1635	1360 x 1100 x 1635	1665 x 1100 x 1635	1970 x 1100 x 1635
Work Surface Height	850 mm			
Maximum Opening	520 mm			
Barrier Speed	0.3 ---- 0.8 m/s			
Noise Level	</= 60 dB			
Exit Tube	PVC, maximum length 4 meters			
Outlet Pipe Diameter	300 mm			
Total shipping weight (kg)	250	280	330	390
Cab body material	Exterior made of electro-galvanized steel sheets with antimicrobial powder coating			
Work surface material	Acid- and alkali-resistant physicochemical board			
Control system	Microprocessor-controlled control panel with upgradeable FLASH memory			
LCD touchscreen	Control panel with 6-speed settings and light.			
OPTIONAL filter	HEPA H14 filter with 99.995% efficiency at 0.3µm			
Standard accessories	1 x IP55 power outlet (1000W) + 1 water tap + sink + 1 gas tap + support table.			
Front glass	Tempered glass, 5mm, UV-resistant			
LED lighting	1 x 6.5 W	1 x 9.6 W	1 x 9.6 W	1 x 9.6 W
UV light	1 x 20 W	1 x 30 W	1 x 30 W	1 x 30 W
Power consumption	400 W	500 W	500 W	500 W
Power	220 V, 50 Hz ± 10%; 110 V, 60 Hz			

Ordering Information

Code	Description
440206-FHX1000	FHX 1000 Gas Extraction Cabinet
440206-FHX1200	FHX 1200 Fume Hood
440206-FHX 1500	FHX 1500 Fume Hood
440206-FHX1800	FHX 1800 Fume Hood

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