

GAS EXHAUST CABINETS

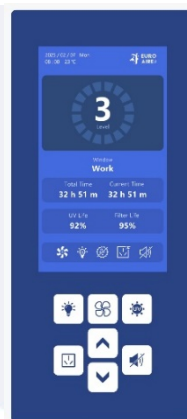
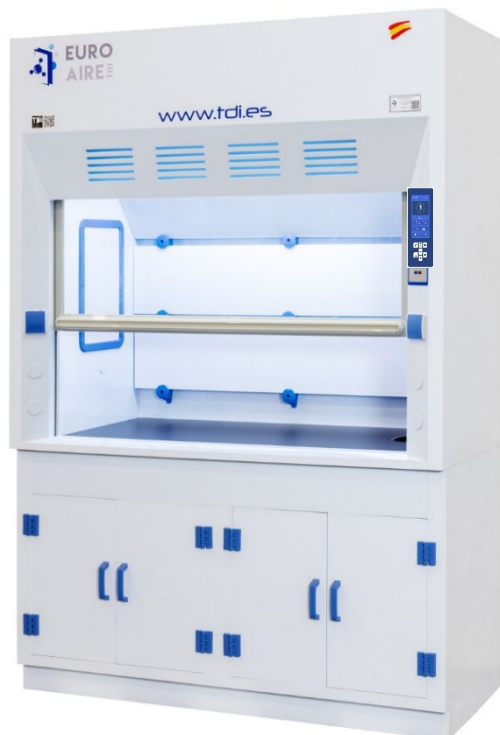
Models FHP 1000/1200/1500/1800

Chemical Protection
Vertical Suction Flow

Features

The FHP series fume hoods are designed for modular laboratories where safe ventilation is required, minimizing exposure to and inhalation of chemical contaminants.

- Constructed of POLYPROPYLENE. The interior features white PP porcelain walls with excellent resistance to acids and bases.
- The work area features a drain pan for liquid disposal, constructed from phenolic resin materials that are highly resistant to chemicals.
- Manually sliding front glass panel.
- Air is swept across the front at a speed > 0.4 m/s and expelled to the outside. Special activated carbon filters and absolute filters can be optionally installed, depending on the contaminants to be retained. A hose up to 4 meters long can be connected to the outlet and extended to the outside without the need for a booster fan.
- Standard features include a water and drain connection, a gas connection, and two 220 V IP55 outlets. Both the water and vacuum valves are controlled from outside the unit.
- Microprocessor-controlled for adjusting speed across 6 levels.
- Equipped with an easy-to-use LCD touchscreen for controlling white lighting and displaying parameters.
- Axial motor, adjustable speed, and resistant to acids and bases.
- Operating voltage 110-220 V $\pm 10\%$. 50/60 Hz. Maximum current consumption 6 A (approx. 1300 W). The unit alone consumes 360 W max.



Technical Specifications

MODEL	FHP-1000	FHP-1200	FHP-1500	FHP-1800
Interior Dimensions (mm) width x depth x height	787 x 560 x 700	987 x 560 x 700	1287 x 560 x 700	1587 x 560 x 700
Exterior dimensions Cab body (mm) width x depth x height	1047 x 800 x 2200 1047 x 800 x 2450 (with motor)	1247 x 800 x 2200 1247 x 800 x 2450 (with motor)	1547 x 800 x 2200 1547 x 800 x 2450 (with motor)	1847 x 800 x 2200 1847 x 800 x 2450 (with motor)
Transport dimensions Cab body (mm) width x depth x height	1188 x 938 x 1612	1388 x 938 x 1612	1688 x 938 x 1612	1988 x 938 x 1612
Shipping dimensions Cab base (mm) width x depth x height	1188 x 888 x 1000	1388 x 888 x 1000	1688 x 888 x 1000	1988 x 888 x 1000
Work Surface Height	820 mm	820 mm	820 mm	820 mm
Maximum Opening	740 mm	740 mm	740 mm	740 mm
Cab weight (kg)	137	155	180	206
Base cab weight (kg)	89	99	114	140
Barrier Speed	0.4 ---- 0.6 m/s			
Sound Level	</= 60 dB			
Outlet Pipe	PVC, maximum length 4 meters			
Outlet Pipe Diameter	250 mm			
Material	Exterior: Made of polypropylene. Interior: Lined with white porcelain-coated PP, highly resistant to chemicals. Phenolic surface resistant to chemicals			
Control system	Microprocessor-controlled cabin			
Display	Touchscreen LCD			
Front glass	Double-layered safety glass, manually sliding			
LED lighting	2 x 16 W	2 x 16 W	2 x 30 W	2 x 36 W
Power consumption per unit	450 W	450 W	450 W	900 W
Power	110, 220 V, 50/60 Hz ± 10%			
Standard accessories	2 x power outlets (500 W) + 1 water faucet + sink + 1 gas faucet + acid- and alkali-resistant work surface.			
Optional accessories	External motor, epoxy resin work surface.			
Optional outlet filters	Carbon filters			

Order Reference

Code	Description
440206-FHP-1000	FHP-1000 Gas Extraction Cabinet
440206-FHP-1200	FHP-1200 Fume Hood
440206-FHP-1500	FHP-1500 Fume Hood
440206-FHP-1800	FHP-1800 Fume Hood

"All information, specifications, dimensions, and electrical data shown in TDI's commercial documents and data sheets are for reference only and are not binding; therefore, they are subject to change according to each customer's needs and provided that applicable regulations permit it."