



The support structure is made from industrial-grade cold-rolled steel plates. The worktop, treated with epoxy resin powder coating, offers exceptional chemical corrosion resistance and extreme wear resistance. Various worktop materials are available for selection.

This unit features a unique self-purification filter exhaust system that controls chemical vapor pollution at its source. The flexible modular filtration system is highly effective at managing different substances, including gases, powders, and their mixtures. By filtering the air, it enhances indoor air quality, ensuring the safety of laboratory personnel while also contributing to energy savings and providing dual protection for the laboratory environment and staff.

The design integrates ergonomic principles and optimizes airflow, effectively controlling and discharging common chemical gases used in laboratories. This achieves the best combination of safety, reliability, operability, and economy. GFH efficiently protects both the staff and the environment in chemical laboratories.



**Bench top GFH**



**Walk-in GFH**

Type	GFH M3 (Bencap top type)	GFH M4 (Bencap top type)	GFH M3 (Walk-in type)	GFH M4 (Walk-in type)
<b>Dimension</b>	1500x960x2350	1910x960x2350	1500x1060x2350	1910x1060x2350
<b>Air Flow</b>	660 <sup>3</sup> /h	880 <sup>3</sup> /h	660 <sup>3</sup> /h	880 <sup>3</sup> /h
<b>Opening</b>	Sash/Sliding door (with 6mm double explosion-proof glass)			
<b>Voltage</b>	100-240V			
<b>Air face Velocity</b>	0.4-0.6 m/s			
<b>Containment Capacity</b>	0.5 ppm			
<b>Filtration Efficiency</b>	After filtration, the chemical concentration of the outlet <1% of PC-TWA			
<b>Smart Control</b>	Smart Command(NFC access and support for wifi, Bluetooth, Ethernet )			
<b>Following Standard</b>	China JG/T 385-2012 Standard; French AFNOR NFX 15-211:2009 Standard; American SEFA 9 Standard			

## Option

<b>Worktop</b>	Phenolic resin/Ceramic
<b>Liner</b>	Antibacterial/ceramic fiber
<b>Molecular Filter</b>	Neutrodine Unisorb filter
<b>Particle Filter</b>	HEPA H14 high efficiency filter
<b>Filter Module</b>	Independently developed plug-and-play wireless connection technology