



Tủ Sạch Với Dòng Khí Thổi Ngang

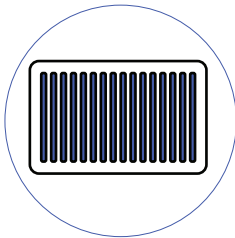
HUYAir HLF Elite

- ✓ Complies with standards: IEST, ISO 14644
- ✓ Integrated microprocessor controller with 4.3-inch touch screen
- ✓ DC motor
- ✓ Warranty: 3 years

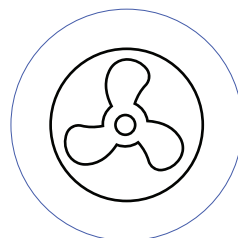
PURPOSE

Clean Bench With Horizontal Laminar Flow – **HUYAir HLF Elite** is designed to handle non-hazardous substances, creating a clean working environment and easy handling of equipment in the work area.

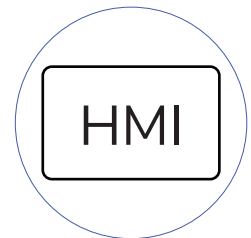
PRODUCT FEATURES



HEPA CAMFIL - SWEDEN
OR AAF - USA



CENTRIFUGAL FAN
EBMPAPST - GERMANY



4.3-INCH TOUCH SCREEN

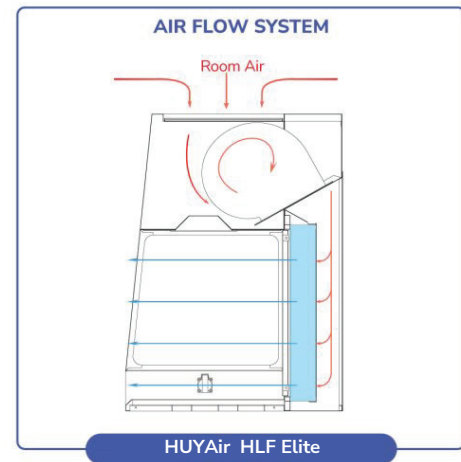
- ✓ Structure: 2 layers, the interior made of SUS 304 or SUS 316 stainless steel and exterior made of electrogalvanized steel coating by powder resistant chemical, UV, and bacteria
- ✓ Side walls made of UV-resistant tempered glass, easy to observe.
- ✓ DC motor, EBMPapst – Germany, energy-efficient
- ✓ Work zone: ISO class 5
- ✓ HEPA (H14) or ULPA (U15) filters from Camfil (Sweden) or AAF (USA) with 99.999% (H14) or 99.9999% (U15) filtration at 0.3 µm/0.1 µm.

✓ The cabinet is controlled by a microprocessor controller with a touch screen displaying real wind speed, time settings, wind speed according to settings, and can be calibrated directly on the screen about fan speed.

✓ There are access ports for accessories such as valve of air, water, gas, and head for online particle counting samplers.

AIR FLOW SYSTEM

The airflow system of the **HUYAir HLF Elite** clean bench operates by drawing air from the top of the bench and directing it towards the rear. The air is first filtered through a pre-filter to capture larger particles, which helps extend the life of the main filter. Next, clean air is blown through the main filter, creating a horizontal airflow that exits the working area through the full open area at the front of the bench, after being diverted from the work surface. The filter face velocity is 0.45 m/s (90 FPM), ensuring sufficient air changes to maintain a clean environment within the working area. This airflow speed of 0.45 m/s is maintained with $\pm 20\%$ uniformity across the entire filter face, meeting international standards.



SPECIFICATIONS

Model	HUYAir HLF – 900 Elite	HUYAir HLF – 1200 Elite	HUYAir HLF – 1500 Elite	HUYAir HLF – 1800 Elite
External dimensions (W x D x H)	985 x 750 x 1750 mm	1285 x 750 x 1750 mm	1585 x 750 x 1750 mm	1885 x 750 x 1750 mm
Internal dimensions (W x D x H)	885 x 522 x 583 mm	1185 x 522 x 583 mm	1485 x 522 x 583 mm	1785 x 522 x 583 mm
Controller	Microprocessor with 4.3 – inch touch display			
Motor	DC			
Supply air velocity	0.45 m/s			
Brightness	>750 lux			
Noise level	<65dB			
Voltage – Frequencies	200 – 240V, 50/60 Hz			

ACCESSORIES

HUYlab provides a range of accessories designed to be compatible with various cabinet models for different applications.

ACCESSORY	DESCRIPTION
Supporting Stand	Mobile frame type with wheels, designed to fit the model
	Fixed cabinet type, designed to fit the model
Power Source	Power socket