



BIOLOGY SAFETY CABINET CLASS I **HUYAIR BIO1**

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| UTILITIES - SAFE - EFFECTIVE |

OVERVIEW

HUYAir Bio1

Brand: HUYlab

Manufacturer: LABone – Viet Nam

Warranty : 3 year

HUYlab's biological safety cabinets are manufactured in full compliance with the standards of NSF/ANSI 49, EN12469.

Class I Biosafety Cabinet Certification of National Institute of Hygiene and Epidemiology (NIHE - Viet Nam).



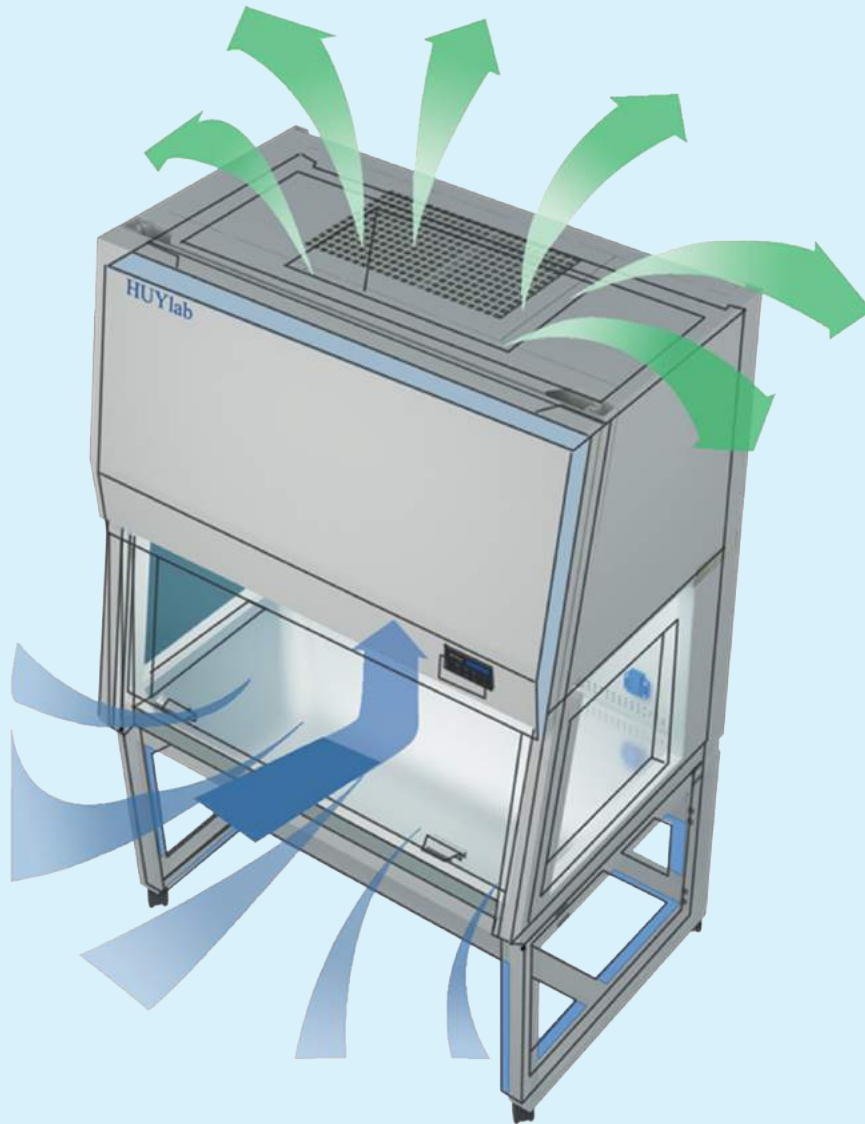
Set-up, operation and filter maintenance are very simple.

Bio1-Safety Cabinet, HUYAir Bio1 series is designed to protect technician and environment when working with the hazardous sample. Bio1-Safety Cabinet is suitable for application of non-protect the sample.

PRODUCT FEATURES

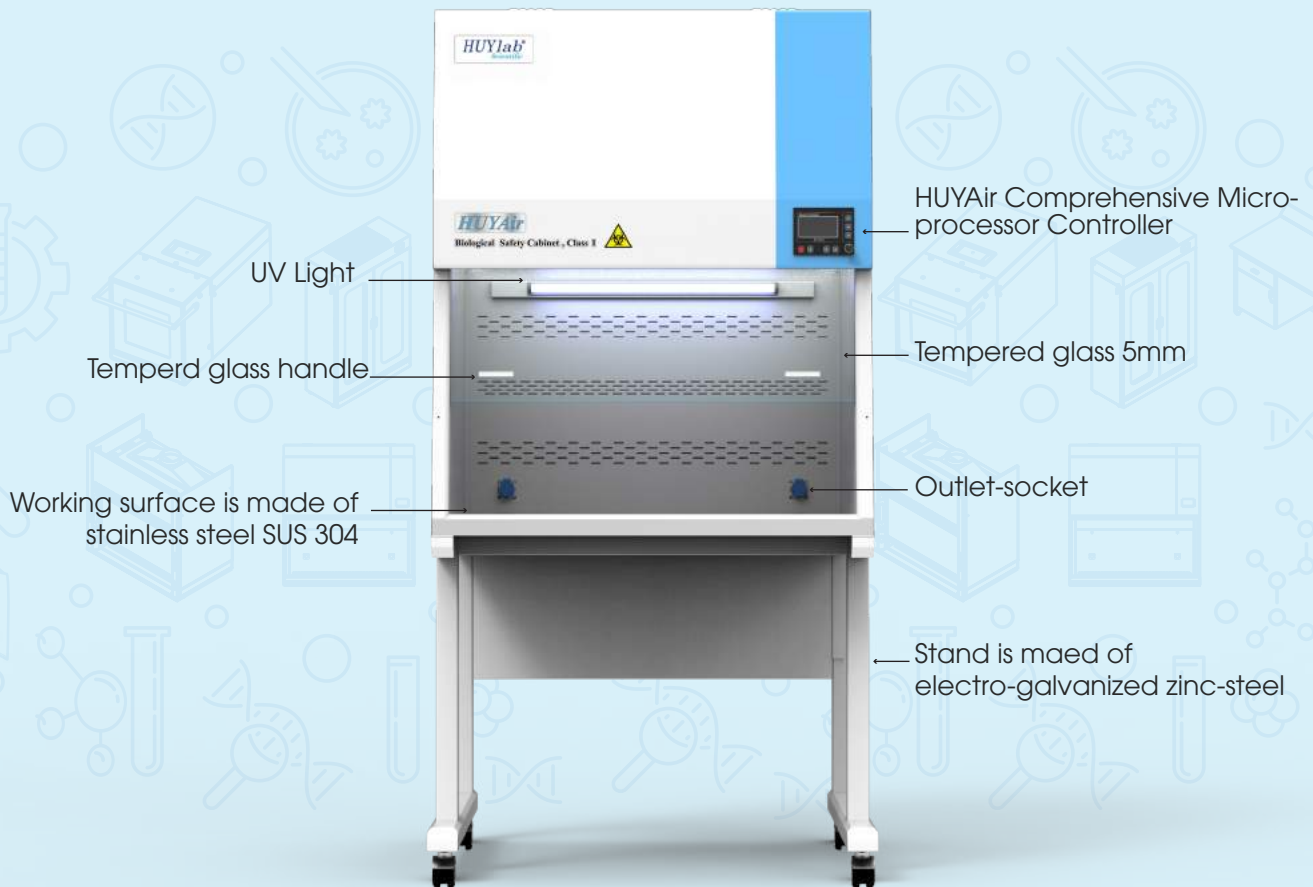
- HUYAir Bio1 is used control system "HUYAir Comprehensive Microprocessor Controller". This electronic control system is controlled by a microprocessor that can monitor plenum pressure. Warning when the filter runs out of energy efficiency.
- The cabinet is designed to airflow into the cabinet and equipped with an air barrier for personnel protection.
- Warning: When the sash glass is opened over 200 mm, lamp and whistle will be turned on to protect the operator safety.
- The sash glass is fully closed, the motor will be decreased, only + 30% capacity to save the energy, increase long-life and maintain cleaned air in the working zone.
- Motor: uses EBMpapst centrifugal fan, the motor lowers energy usage, extends filter life and reduces noise.
- Scientific design: narrow front air vents, lifting frames and slats create a comfortable work surface.
- Two sides wall by tempered glass 5 mm thickness, UV absorbing, high safety and easy observe the sample for the operator. Set-up, operation and filter maintenance are very simple.

AIRFLOW SYSTEM



- Air is absorbed through front chink.
- 100% Flow rate is absorbed through HEPA filter to make a vertical flow and go outside.
- The designed is make a shield to protect technician and environment when working with the hazardous sample.

STRUCTURE



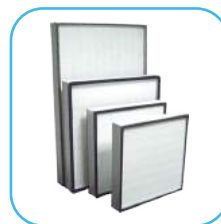
Controller



Working surface is made of stainless steel SUS 304



Air Flow Sensor



HEPA / ULPA - Camfil



Outlet-socket

SPECIFICATION

Model	HUYAir Bio1 - 900	HUYAir Bio1 - 1200	HUYAir Bio1 - 1500	HUYAir Bio1 - 1800
External dimension	1060 x 802 x 1200	1360 x 802 x 1200	1660 x 900 x 1200	1960 x 802 x 1200
Internal Dimension	960 x 702 x 690	1260 x 702 x 690	1560 x 702 x 1200	1860 x 702 x 1200
Sound level	< 56 dBA			< ∞
Inflow Velocity	0,38 – 0,78 m/s			
Filter specification	H14 HEPA EN1822, 99.995% MPPS			
Structure	Main body: 1.2 mm epoxy powder coated galvanized steel Work Zone: Stainless steel 304, 1.5 mm thickness Side Walls: Tempered Glass, 5 mm thickness			
Motor	EBMpapst fan from Germany			
Illumination	> 750 lux			
UV Intensity	≥40μW/cm ²			
Door alarm	200 mm			
Power supply	230 (± 10%) VAC, 50/60 Hz, 1 Phase			
Usable Condition	Temp: 20 – 40 oC, Humidity: < 80% RH			

OPTIONS

SUPPORT STAND

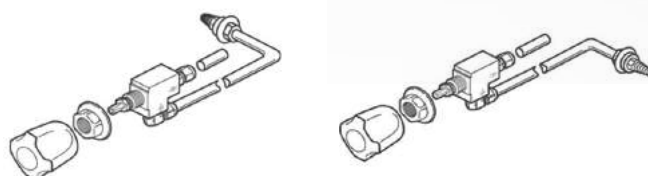
- Support stand with the frame and caster wheel (fixed height)

- Support stand with the cabinet & caster wheel (fixed height)



VALVE

Gas valve, Water valve, Nito valve, Vacuum valve



LABone Scientific Limited

Address: 228/13/3 Nguyen Thi Lang Street, Tan Phu Trung Communes, Cu Chi District, Ho Chi Minh City

Mail: info@huylab.com
Website: www.huylab.com

Tel: (028) 6260 2798
Fax: (028) 6297 2779