

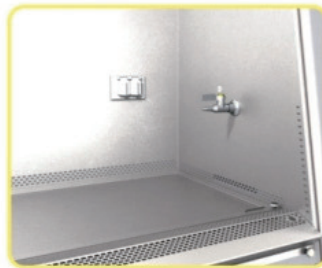
SAFZONE®

EN12469

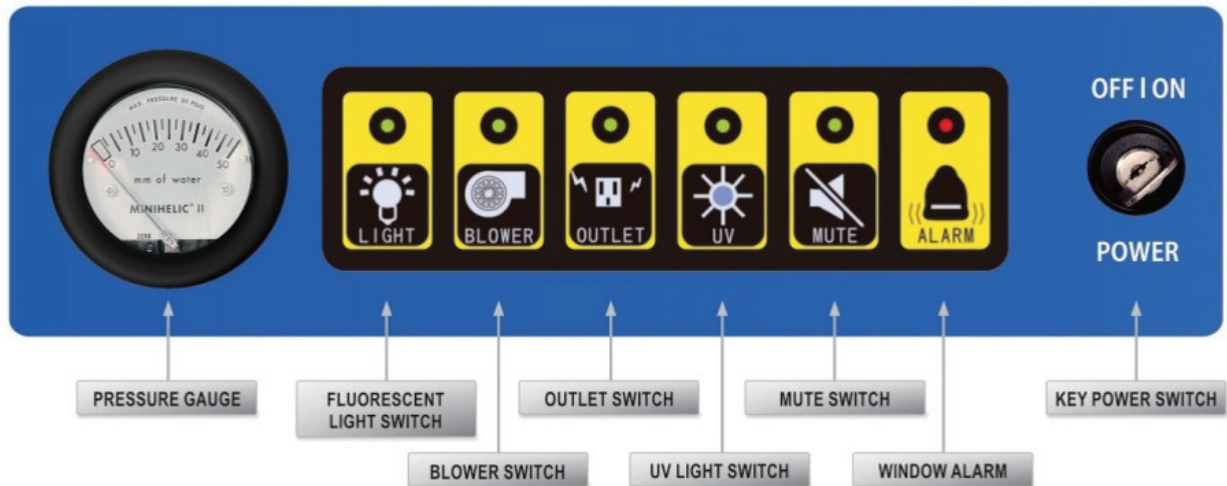
CE

Class II A2 Biosafety Cabinet

- EN12469 Compliance Certified.
- Double-wall cabinet structures. Contaminated area surrounded with negative pressure.
- Innovative surrounded air intake grill design. All contaminated air in the work area gets enclosed inside the cabinet to prevent the leakage of contaminated air.
- The ECM brushless DC motor with Best Energy efficiency.
- Supply/Exhaust HEPA filter 99.99% efficiency @0.3 micron(Class H14).
- Ergonomic 10 degree angle window design, reduces discomfort over long-term use of limbs and eye-strain.
- 6mm anti-ultraviolet tempered glass.
- 10 performance & safety tests before leaving the factory under strict quality control process.



10



WINDOW ALARM

When the window is not at the operation height, it will release an audible and visual alarm automatically.

MUTE SWITCH

When the alarm is activated, it can be muted temporarily while the alarm light continues to flash. If the abnormal situation has not been settled, the cabinet alarm will be activated again within a set time (5 minutes) to alert the user.

SAFETY INTERLOCK

When the window is opened, the blower and fluorescent light will be activated automatically and the UV light will be switched off. When the window is fully closed, the UV light will be re-activated automatically. The blower and fluorescent light will be switched off.

UV LIGHT TIMER

Built-in UV light timer for 0~99 minutes or hrs.

Cabinet Type		4 feet	5 feet	6 feet
International Certification		• EN 12469 • ISO 9001:2008		
External Dimensions W×D×H (without support stand 660 mm)		1334×789×1537 mm	1634×789×1537 mm	1934×789×1537 mm
Internal Dimensions W×D×H		1220×626×749 mm	1520×626×749 mm	1820×626×749 mm
Cabinet Main Construction		Stainless Steel#304		
Air Flow		70% recirculated/ 30% exhausted		
Window Operation Height		20 cm , 25 cm		
Ave. Inflow Velocity		0.51 m/s		
Ave. Downflow Velocity		0.325 m/s	0.275 m/s	0.275 m/s
Exhaust Air Volume with Exhaust Canopy		16 m ³ /min , 20 m ³ /min	20 m ³ /min , 25 m ³ /min	24 m ³ /min , 30 m ³ /min
Supply/Exhaust HEPA Filter		99.99% @0.3 micron (Class H14)		
Light Intensity		> 1,000 lux		
Sound Level		< 60 dBA	< 62 dBA	< 62 dBA
UV Lamp		254 nm/ FL 30W×1	254 nm/ FL 40W×1	254 nm/ FL 20W×2
Fluorescent Lamp		T5/ 28W×2	T5/ 35W×2	T5/ 21W×4
Window Glass		6mm tempered glass		
Electrical Outlets		North America (UL Listed), Europe/Worldwide (CE Certified)		
Optional Accessories		• IV bar with 6 hooks • Service valves(air, gas, vacuum), CSA Certified • Exhaust canopy		
Room Height Suggested		227cm at least		
Power Consumption	115V / 10A	430 W	445 W	650 W
	230V / 7A	430 W	445 W	650 W
Net Weight, kg		275 kg	295 kg	340 kg
Shipping Weight, kg		335 kg	360 kg	410 kg
Shipping Dimensions W×D×H		1400×850×1910 mm	1700×850×1910 mm	2000×850×1910 mm

Ordering Guide - Model Number

Cabinet Type	4 feet	5 feet	6 feet	Window Operation Height
Touch Panel / 115V,60Hz,10A	AHA-133-AA-A	AHA-163-AA-A	AHA-193-AA-A	20 cm
	AHA-133-AA-B	AHA-163-AA-B	AHA-193-AA-B	25 cm
Touch Panel / 230V,50/60Hz,7A	AHA-133-AB-A	AHA-163-AB-A	AHA-193-AB-A	20 cm
	AHA-133-AB-B	AHA-163-AB-B	AHA-193-AB-B	25 cm
Membrane Switch Panel / 115V,60Hz,10A	AHA-133-CA-A	AHA-163-CA-A	AHA-193-CA-A	20 cm
	AHA-133-CA-B	AHA-163-CA-B	AHA-193-CA-B	25 cm
Membrane Switch Panel / 230V,50/60Hz,7A	AHA-133-CB-A	AHA-163-CB-A	AHA-193-CB-A	20 cm
	AHA-133-CB-B	AHA-163-CB-B	AHA-193-CB-B	25 cm