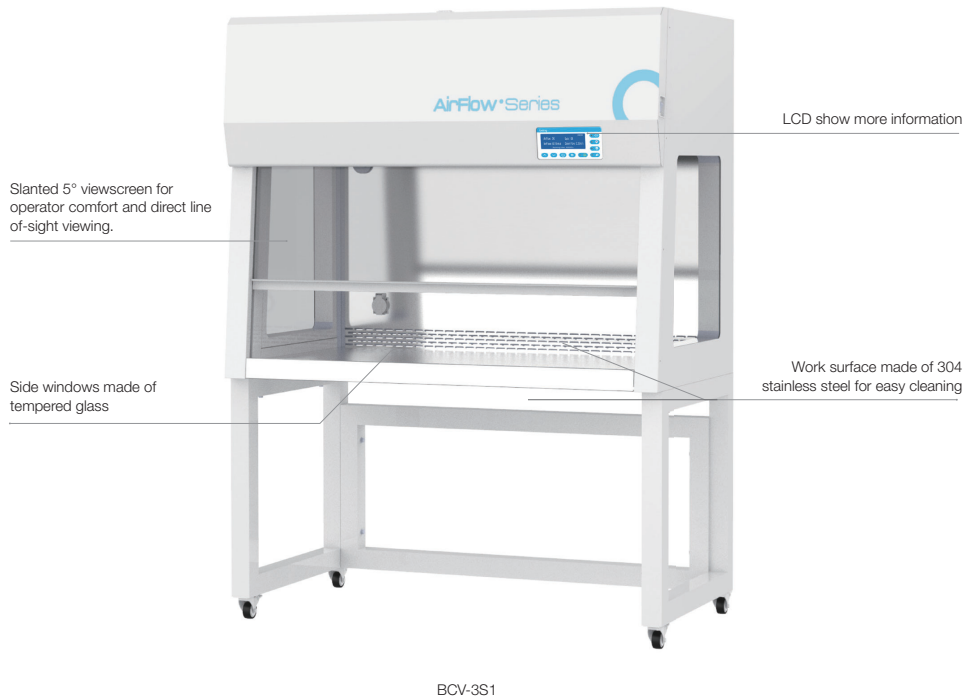


Clean Bench BCV

General information

BEING provides high-quality, safe vertical laminar clean benches. BEING's clean benches suck air from the room or hall space, transfer the air through a HEPA filter using a fan, and then clean the bench area with filtered air.



- Reservation on / off control for fan & UV light
- High quality, quiet fan
- Universal electrical outlet
- An additional pre-filter below work surface helps capture large particles and prolongs HEPA filter life
- Stable laminar air flow, from 0.30m/s to 0.50m/s
- Realtime display air speed, time and the status of HEPA filter
- Cumulative running time of HEPA filter
- Power socket installed inside for ease power access
- Audio and visual alarm for filter failure
- Access password
- Interlocking control between ultraviolet ray light and interior light

Technical Specifications

Spec/Model	BCV-3S1	BCV-4S1	BCV-5S1	BCV-6S1
Num. of operator	one people one side	one people one side	two people one side	two people one side
Laminar Flow	Vertical			
Cleanliness	ISO class 5, ISO - 14644-1			
CFU	≤0.5/Dish*h (φ90mm petri dish)			
Air Velocity	0.30 - 0.50m/s			
Noise	≤62dB			
Vibration	≤3μm	≤4μm	≤4um	≤4μm
Illumination	≥900Lx			
Power input	AC220V/50Hz			
Peak power	250VA	500VA	500VA	750VA
Internal Work Area W x D x H(mm)	920×620×645	1220×620×645	1520×620×645	1820×620×645
External Dimensions W x D x H(mm)	1060×720×1745	1360×720×1745	1660×720×1745	1960×720×1745

Life Science Products

Biological Safety Cabinet

Applications

Three protection: operator, sample and environment.

Airflow system: 70% air recirculation, 30% air exhaust.

A2 cabinet is suitable for working with microbiological research in the absence of volatile or toxic chemicals and radionuclide.



Microprocessor Controller

Controller

- Large LCD display, the right place and angled down for easy reach & viewing.
- Real-time monitoring, display all safety information on one screen.
- Real-time monitoring of hepa filter status. Display sound and light alarm about failure, pre-failure, damaged.



EC Fan

- High efficiency and energy saving with 30%-60% energy savings compared to AC motor.
- The automatic resistance compensation function can provide safe air velocity even when the filter resistance increases by 300%.



HEPA Filter

- Filtration efficiency >99.99% @ 0.3µm.
- Cleanliness ISO class 5.
- UPLA filter is optional.



Internal Working Area

- Three sides of the inner wall shape a large arc design, easy to clean.
- A special negative pressure design prevents contaminants from escaping up the side wall into the operator's environment.
- Paper collectors prevent the high maintenance costs associated with paper waste inhalation.
- Easy to remove working surface and support, easy to clean drain tray.



Ergonomic Design

- 5° backward-slanted safety grade glass provides more comfortable viewing.
- Raised arm rest help prevent grille blockig.
- Sash is designed for easy operation with single hand.
- Backlight lighting design reduces operator visual fatigue.



Technical Specifications

Model	BBC-3S1	BBC-4S1	BBC-5S1	BBC-6S1
Internal Dimensions (W×D×H) mm	920×580×655	1220×580×655	1520×580×655	1820×580×655
External Dimensions (W×D×H) mm	1040×810×2100	1340×810×2100	1640×810×2100	1940×810×2100
Downflow Velocity	0.33m/s			
Inflow Velocity	0.53m/s			
Working Access Opening Height	200mm			
Opening MAX.	500mm			
HEPA Filter Typical Efficiency	99.995% @ 0.3µm			
Noise	<65dB			
Fluorescent Lamp Intensity	>900Lux			
UV Lamp	20W	30W	40W	40W
Voltage	220V/50Hz			
Power Consumption	1300VA	1400VA	1500VA	1600VA
Net Weight	225kg	265kg	305kg	345kg
Shipping Weight	295kg	335kg	395kg	445kg
Shipping Dimensions (W×D×H) mm	1210×935×1870	1510×935×1810	1810×935×1810	2110×935×1810