



## Vertical Laminar Flow Cabinet



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### LCD Display

Airflow velocity, UV timer, UV work time, system work time, real time.



### Glass side window

The transparent side glass maximizes the lighting and visibility inside the cabinet, providing an open working environment.



### Gas Tap



### Waterproof Socket

2 waterproof sockets are located in the back panel, optimum convenience of using small devices inside the cabinet.



### UV Lamp

Emission of 253.7 nanometers for most efficient decontamination. The radiation intensity is not less than 400mW/m<sup>2</sup>.



### Foot-master Caster

Universal aster with brake and leveling feet.

## ADVANTAGE

1. Vertical laminar flow, single-sided operation;
2. Made of high-quality cold rolled steel plate material, welding structure, surface electrostatic spraying, enhancing the stability of the cabinet;
3. Equipped with pre-filter, which can preliminarily filter large particulate matter, thus improving the service life of HEPA filter;
4. Work zone is made of SUS304 material, beautiful and corrosion resistance;
5. The front and side Windows are made of 5mm thick tempered glass;
6. Footmaster casters design, convenient cabinet movement and fixation;
7. LCD screen, real-time display of running status (air velocity, timer, UV lamp time, HEPA filter running time);
8. With ultraviolet lamp, fan appointment timing function;
9. Unit conversion function, which switches units between PA and m/s;
10. Equipped with UV light, LED light, waterproof sockets;
11. Perfect alarm system:
  - (1) Ultra-high filter pressure alarm
  - (2) Filter failure replacement alarm
  - (3) Low wind speed alarm
12. Interlocking function: UV lamp and front window; UV lamp and fan, fluorescent lamp; fan and front window.

## TECHNICAL PARAMETERS

Model	BBS-V1300-I	BBS-V1800-I
External Size(W*D*H)	1300*750*1960mm	1800*750*1960mm
Internal Size(W*D*H)	1200*645*625mm	1700*645*625mm
Work Surface Height	750mm	
Max Opening	430mm	
Display	LCD display	
Airflow Velocity	0.30~0.45m/s	
Material	Working area: 304 stainless steel; Main body: 1.0mm cold-rolled steel with anti-bacteria powder coating; Front window: 5mm toughened glass, anti-UV.	
Pre-Filter	Polyester fiber	
HEPA Filter	One, 99.995% efficiency at 0.3μm	
Front Window	Motorized	
Noise	≤65dB(A)	
Illumination	≥300lx	
Vibration	≤5μm(rms)	
Safety	Colonies Number ≤ 0.5CFU/30min	
Clean Level	ISO Level 5(Class 100)	
Waterproof Sockets	Two sockets, Max. Power: 1000W	
Power Supply	AC220V±10%, 50/60Hz(Standard); 110V±10%, 60Hz(Optional)	
Consumption	400W	450W
LED Lamp	12W*1	16W*1
UV Lamp	30W*1	40W*1
Standard Accessories	Base stand; LED lamp; UV lamp; Waterproof socket*2; Gas tap	
Package Size(W*D*H)	1440*1070*1650mm	1940*1070*1650mm
Gross Weight	218kg	330kg