



## Vertical Laminar Flow Cabinet



**LCD Display**  
7-inch color touch screen, real-time display of running status

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**Wind Speed Sensor**  
High precision wind speed sensor, can be real-time wind speed detection.



**Pressure Sensor**  
High precision pressure sensor, can be real-time pressure detection.



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



**Foot-master Caster**  
Universal aster with brake and leveling feet.



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

## ADVANTAGE

- Made of high-quality cold rolled steel plate material, welding structure, surface electrostatic spraying, enhancing the stability of the cabinet;
- Equipped with pre-filter, which can preliminarily filter large particulate matter, thus improving the service life of HEPA filter;
- Work zone is made of SUS304 material, beautiful and corrosion resistance;
- The front and side Windows are made of 5mm thick tempered glass;
- The base stand and casters are integrated design, which can be moved safely through the casters and can also be fixed and leveled;
- 7-inch color touch screen, password configurable, real-time display of running status (air velocity, pressure, timer, UV lamp time, HEPA filter running time, running state);
- With ultraviolet lamp, fan appointment timing function;
- Equipped with wind speed sensor, display real-time wind speed, more accurate;
- Perfect alarm system:
  - Ultra-high filter pressure alarm
  - Filter failure replacement alarm
  - Front window opening safe height alarm
  - Low wind speed alarm
- Interlocking function: UV lamp and front window; UV lamp and fan, fluorescent lamp; fan and front window.

## TECHNICAL PARAMETERS

Model	BBS-DDC-S	BBS-SDC-S
External Size(W*D*H)	1060*620*1850mm	1460*620*1850mm
Internal Size(W*D*H)	935*530*650mm	1335*530*650mm
Work Surface Height	750mm	
Safety Height	200-350mm	
Max Opening	400mm	
Display	7-inch color touch screen	
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	Manual	
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	1150W	1250W
LED Lamp	12W*1	16W*1
UV Lamp	20W*1	40W*1
Standard Accessories	Base stand; LED lamp; UV lamp; Waterproof socket*2.	
Package Size(W*D*H)	1240*900*1350mm	1640*900*1350mm
Gross Weight	185kg	231kg