



Vertical Laminar Flow Cabinet



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

ADVANTAGE

1. Made of high-quality cold rolled steel plate material, welding structure, surface electrostatic spraying, enhancing the stability of the cabinet;
2. Equipped with pre-filter, which can preliminarily filter large particulate matter, thus improving the service life of HEPA filter;
3. Work zone is made of SUS304 material, beautiful and corrosion resistance;
4. The front and side Windows are made of 5mm thick tempered glass;
5. The base stand and casters are integrated design, which can be moved safely through the casters and can also be fixed and leveled;
6. 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);
7. With ultraviolet lamp, fan appointment timing function;
8. Equipped with wind speed sensor, display real-time wind speed, more accurate;
9. Perfect alarm system:
 - (1) Ultra-high filter pressure alarm
 - (2) Filter failure replacement alarm
 - (3) Front window opening safe height alarm
 - (4) Low wind speed alarm
10. 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	LCD display	
Airflow Velocity	0.30~0.45m/s	
Material	Working area: 304 stainless steel; Main body: 1.2mm 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: 500W	
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



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.



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



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/m².