

Vertical Laminar Flow Cabinet Model SW-CJ-2D

Working Principle

First, the air is inhaled through the fan and then filtered by the HEPA filter through the static pressure box. After that the filtered clean air is sent out in the state of vertical or horizontal air flow, so that the operation area continues to reach the 100-level cleanliness under the control of clean air and to ensure the production of environmental cleanliness requirements.



Application Range

The vertical flow clean bench is noisier than horizontal clean bench because its fan is installed at the top. The wind blowing vertically so it is often used in medical engineering to ensure the operator's health.

Vertical laminar flow clean bench is widely used in areas requiring partial cleaning, laboratories, biopharmaceuticals, optoelectronics, microelectronics, hard disk manufacturing and other fields.

Features

1. The vertical closed bench can effectively prevent outer gas from entering and prevent peculiar smell in operating area from damaging human body.
2. It adopts wind volume adjustable fan system, light-touch type switch and dual-speed voltage regulation device to keep wind speed in working area in ideal state.
3. It adopts spring type sliding door so that the door can be oriented on needed position, more convenient to operate.
4. This is the newest type bench in present market. The front cover may be opened directly for exchanging filter, electric components easily.
5. Operate with LED panel.
6. The shell is made of colored steel plate, and the working table is SUS304 brushed stainless steel, which is corrosion resistant and easy to clean.
7. Equipped with HEPA filter. With primary filter for preliminary filtration, which can effectively extend the life span of HEPA filter.

Parameters

Model	SW-CJ-2D
Clean grade	Grade 100 (209 E U.S. Federal)
Number of bacteria	≤0.5per utensil.hour(90mm utensil)
Noise	≤62dB
Power	220V/50HZ
Wind speed	0.25-0.45m/s (fast and slow 2 speeds)
illumination	≥300LX
Half ventilation peak value	≤0.5μm (XYZ direction)
Max. Consumption power	800W
Working area dimension(W*D*H)	1140*485*515mm
Overall dimension(W*D*H)	1300*550*1600mm
HEPA filter size and quantity	1135*460*38mm*1pc
Fluorescent/UV lamp specifications and quantity	8W*2PC / 10W*2PC
Operator	Two persons