

FFU brief introduction



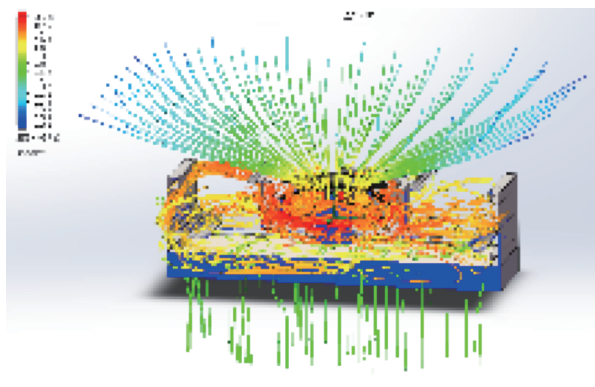
FFU

The SuXin FFU, a combination of fans and filters, is typically installed at the air supply end of clean rooms, usually on a suspended gasket-sealed keel frame.

Depending on the cleanliness requirements, the filters can be high-efficiency (HEPA) or ultra-high-efficiency (ULPA) filters, which provide clean air to the clean room.

In addition to overcoming the resistance of the high-efficiency filters, the fan unit must also overcome the resistance of all components in the entire circulation air path to maintain the set operating air velocity.

The FFU is favored for its simple design and construction, flexible air velocity adjustment, and ease of changing the clean area, making it a popular system in industrial clean rooms



merit

- The structure design adopts CFD fluid simulation. After analyzing a large number of simulation results, a more reasonable structure layout is selected to effectively avoid internal energy loss and improve the efficiency of the fan, so that the equipment is more energy-saving.
- The specially designed flow guide system makes the airflow distribution more uniform when the air volume is $0.45 \pm 20\%$ of the rated value;
- Using high quality domestic DC fan, combined with compact internal structure, the overall noise is guaranteed to be less than 55dB;
- Intelligent alarm: When the equipment is abnormal, the equipment can automatically determine and carry out intelligent alarm, and display the abnormal situation of the equipment in the human-machine interface;
- Adopt self-developed DC fan, benchmarking the German EBM brand.

function

- Maximum power: 160w
- Average wind speed: 0.36~0.54m/s
- Adjustable power supply: 220V/50HZ
- Unified data management using touch screen

apply

- It is widely used in pharmaceutical, food, chemical, electronic, scientific research laboratory, fine chemical, new material research and development and other fields of clean room.

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parameter

model	FFU		
Universal size	1175*575	1175*1175	575*575
Voltage (V)/frequency (Hz)	220/50		
Material quality	Aluminum zinc coated sheet, 304 stainless steel		
Wind speed (m/s)	0.45±20%		



Suzhou Suxin Environmental Technology Co., LTD



One-to-one service



Quality three guarantees



factory direct sale