Fan Filter Unit

Features

* Energy efficient
* Low cost
* High static pressure
* Low noise levels
* Can be independently controlled
* Flexibility to expand to multiple units

Applications

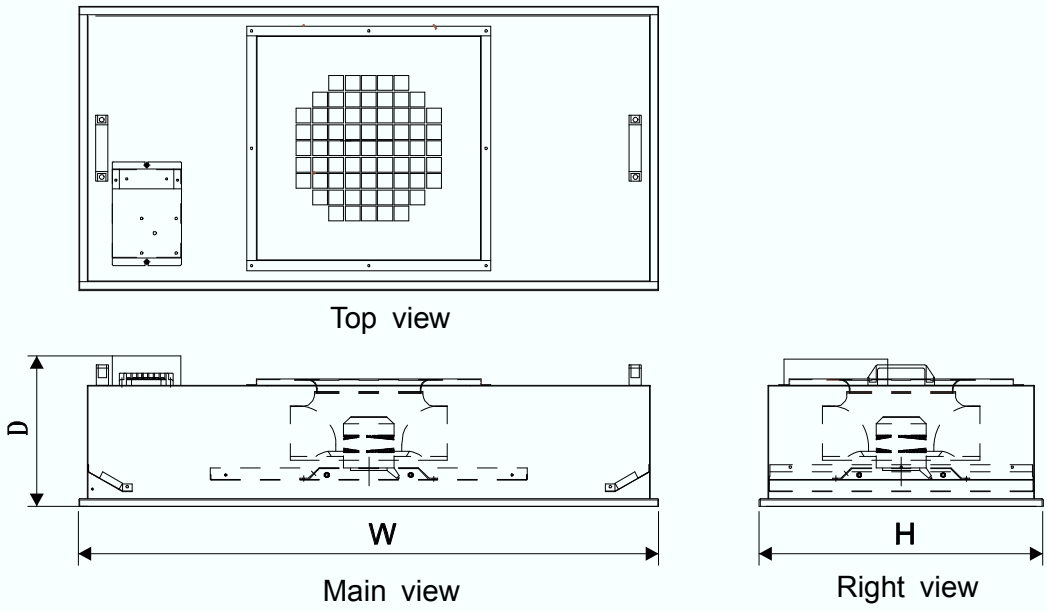
1. Cleanroom
2. Clean booth
3. Production room
4. The fan filter unit has multiple uses in semiconductor, LCD manufacturing, and other industries requiring a clean room, particularly Class 10 through Class 100000.

Specifications

Item	Specifications
Housing size	1175mm * 575mm
Filter size	1170mm * 570mm * 50mm
Air velocity	0.30～0.42m/s
Airflow	15CMM
FAN	Aluminum turbo-fan
Noise level	56dB(A)
External static pressure	80Pa
Vibration	0.8CM/S
Housing	Paint finished metal sheet, stainless steel sheet, aluminum sheet, galvanized steel sheet
Power supply	1φ220V 50HZ
Rated power	150W
Options	(Pre-filter, duct flange air suction)

Fan Filter Unit

Three Dimensional View



Top view

Main view

Right view

Operation and maintenance

1. This device has a control box or power cord. Please connect to a single-phase AC 220V power source.
2. The device automatically checks for proper operation. The alarm light is off when operations are normal. The alarm light turns green when the unit is not functioning properly. Most likely causes are motor overload, a burned out wire, or a loose wire.
3. Clean prefilters once every 7-10 days. Velocity and air volume decreases when too much dust accumulates. Replace HEPA filters when pressure drop increases to 2 times initial pressure drop.
4. In order to keep the FFU running properly, please check the components before setup. Perform regular maintenance checks at least 1-2 times per year.

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