



## 4.12 Fan Filter Unit(FFU)

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### Classification

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Purification Equipment

### Product Description

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#### Fan Filter Unit(FFU)

##### ※Product Introduction

1. Stepless speed regulation design, requires no maintenance, features low vibration and low noise.
2. Before leaving the factory, each unit is scanned and tested with a dust particle counter in accordance with the international standard ISO14644-1 to ensure quality. It can be controlled in groups of thousands, reducing the failure rate.
3. High energy-efficiency ratio and generates very little heat, which further reduces the heat generation in the additional working environment area.
4. Especially suitable for assembling into ultra-clean production lines. It can be arranged for single-unit use according to process requirements, or multiple units can be connected in series to form a Class 100 flow assembly line.
5. Direct-drive high-efficiency centrifugal fan. The shell structure is made of materials such as stainless steel and galvalume sheet, which is light-weight, corrosion-resistant, rust-proof, and aesthetically pleasing.

##### ※Size&Data



Model		LJ-Q53 5-HNA C	LJ-Q33 5-HNA C	LJ-Q63 5-HNA C	LJ-Q13 5-HNA C	LJ-Q43 5-HNA C	LJ-Q23 5-HNA C
Modular size (W*L*H) (mm)		920*61 5*350	1175*5 75*350	1225*6 15*350	575*57 5*350	615*61 5*350	575*87 5*350
Static pressure box material		A3 cold-rolled sheet with plastic spraying/ galvalume sheet/ SS					
Airflow(m <sup>3</sup> /h)		900	1000	1200	500	600	800
Average velocity(m/s)		0.3~0.5					
Static pressure outside box(Pa)		190(10mmAq)					
Power(w)		115	115	115	173	240	115
Weight(kg)		31.5	37	40.5	21	23.5	27
Noise dB(1m below vertical fine efficiency)		55~63					
Fine efficiency filter spec.	Size(W*L*H)(mm)	915*61 0*69	1170*5 70*69	1220*6 10*69	570*57 0*69	610*61 0*69	570*87 0*69
	Efficiency	99.99%@0.3μm					
	Frame	Excellent aluminum					
	Initial pressure loss	110Pa@0.45m/s					
Fan spec.	Power	220V/50Hz					
	Type	Aluminum turbine fan					
	Vibration coefficient	0.2~0.5					

Besides the size above, custom size acceptable.

## Related Products

