Super Thin FFU

1 **The super thin outlook design**

It is 100mm thinner than the ordinary FFU. The material of cabinet is stainless steel, galvanized steel with aluminum painting, cold rolled steel with epoxy powder and so on. It is very light, corrosion-resistance, rust-resistance and beautiful.

2 **Overheating protection**

Inside equipped with overheating protection, the surface is smooth and bright, lower air resistance and good sound insulation. Special air entrance design and low down the noise effectively.

3 **The average air speed increased by 25%**

Long lifespan, low noise, small vibration and adjustable speed. The average air speed increase by 25%.

4 **Prolonging lifespan**

It works as an average air speed of 0.45m/s. The outlet speed is stable, and it can shorten the time of replacing filters. In the meantime, it can extend the service life of fans.
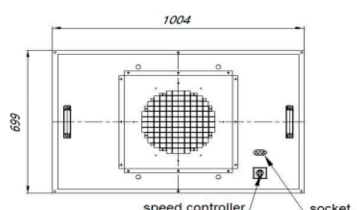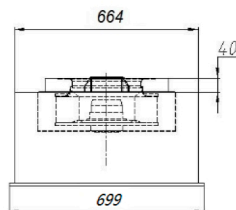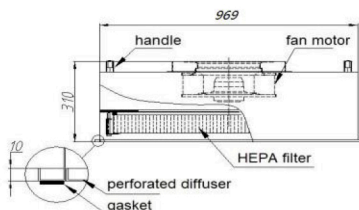
5 **Easy maintenance with diffuser**

Room side replacement filter, with easy unlock diffuser;
Perforated diffuser after HEPA filter, can help provide better air uniformity compared to standard model

Product Parameter

Model		FUST-RSR-1	FUST-RSR-2	FUST-RSR-3
Module size (WxLxHmm)		664x664x310	664x969x310	664x1273x310
Air chamber material		Stainless steel 430		
Air flow (m^3/h) @ 0.45m/s		550	800	1100
Air velocity (m/s)		0.35 ~ 0.80		
Total pressure (Pa)		230	230	230
Power (W)		100	100	200
Weight (kg)		18	25	32
Noise dB (1 m below the HEPA filter)		55-63		
Vibration (mm/s)		0.2-0.7		
Power supply		220V/ 60Hz 1PH		
Control mode		Rotary switch speed control panel		
Laminar diffuser		Stainless steel perforated diffuser for better air uniformity		
Options		differential pressure testing port / differential pressure gauge / differential pressure alarm / group control		
HEPA filter	Size (WxHxDmm)	594x594x70	899x594x70	594x1203x70
	Efficiency	99.99%@0.3um		
	Frame	High quality anodized aluminum		
	Initial pressure drop	110Pa@0.45m/s±15%		
	Trait	PU foam endless gasket		

Parameter:
1. Handle (plastic)
2. AC EBM fan motor (220V/60Hz/1PH 115W)
3. Rotary switch speed control panel
4. HEPA filter, normal gasket filter
5. Laminar flow diffuser