



## MAYAIR FFU SUMMARY

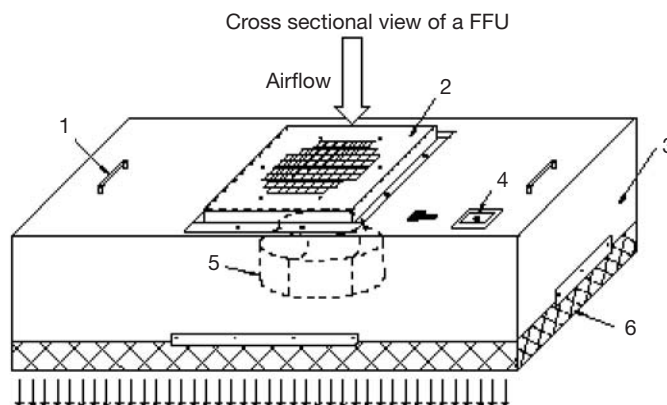
MayAir FFU is a fan filter unit which suitable for turbulent or laminar flow clean room environment. Its unique design allows it to be installed easily on different types of clean room ceiling grid system. With minimum effort, it is upgrade-able and integrated into any clean room system to achieve higher class clean room environment.

MayAir FFU is one of the most reliable, efficient, quiet and value for money Clean Room filtration equipment in the market. It delivers high quality air filtration and distribution performance which suitable for most of the semiconductor, micro-electronics, microbial industry that demand high quality of contamination or dust control environment.

## THE UNIQUE FEATURES OF MAYAIR FFU

- Versatile and advance design capable of supporting various type of Clean Room ceiling grid system.
- Low profile.
- Unique diffuser system delivers better diffuse effect, equal distribution and steady air flow pattern and velocity.
- Special inlet design reduces pressure drop and noise, eliminate internal insulation layer that may casue shorter life span of filter.
- High efficiency and quality blower motor. Lower energy consumption reduces operating cost.
- High performance step-less or 5 steps transformer type speed controller enable easy and steady control of air volume.

## FFU IMPRESSION SKETCH



1. Handle
2. Inlet Cone
3. FFU Casing
4. Speed Controller
5. Motor
6. HEPA/ULPA Filter

## SPECIFICATIONS OF STANDARD MODELS

POWER SOURCE 1 ø 230V 50/60Hz AC Motor							
Motor	AC310		AC355AK		AC355AL		
Module Size (Ft)	2' x 2'	2' x 4'	2' x 4'	3' x 4'	3' x 4'	4' x 4'	
Voltage (V)	220 ~ 240						
Power (W)	90	140	190	210	245	275	
Height (mm)	250	250	275	275	275	315	
Weight (kg)	Galvalume	14	25	26	40	40	55
	SUS430	14	25	26	40	40	55
	Aluminium	10	17	18	25	25	35
Noise (dBA)	50	52	53	53	53	55	
TSP (Pa)	@0.45m/s	230	190	250	180	260	190
	@0.35m/s	240	200	310	250	290	250
	@0.30m/s	245	210	325	265	305	270

POWER SOURCE 1 ø 230V 50/60Hz EC Motor							
Motor	EC310		EC355		EC400		
Module Size (Ft)	2' x 2'	2' x 4'	2' x 4'	3' x 4'	3' x 4'	4' x 4'	
Voltage (V)	200 ~ 277						
Power (W)	60	110	140	160	240	270	
Height (mm)	250	250	275	275	275	350	
Weight (kg)	Galvalume	14	25	26	40	41	55
	SUS430	14	25	26	40	41	55
	Aluminium	10	17	18	25	26	35
Noise (dBA)	50	52	53	53	54	54	
TSP (Pa)	@0.45m/s	230	180	250	180	300	250
	@0.35m/s	240	200	310	250	340	320
	@0.30m/s	245	210	325	265	360	350

\* Special dimensions can be customized.

## OPTIONAL ACCESSORIES

- Pre-filter
- On/Off and fault indicating light system enables cost effective remote monitoring system
- Three pin plug c/w 2.5m power cable
- Pressure gauge port for filter pressure drop monitoring
- UL listed fan motor
- Five-speed transformer type speed controller  
- Low harmonic humming noise



**MayAir Manufacturing (M) Sdn Bhd** 650453-W (Formerly known as AEC Manufacturing (M) Sdn Bhd)  
 No. 41, Jalan Anggerik Mokara 31/64, Kota Kemuning, Seksyen 31,  
 40460 Shah Alam, Selangor Darul Ehsan, Malaysia.  
 TEL. +603 5121 2908  
 FAX. +603 5121 2948  
 EML. info@mayair.com.my