

FFC: FCU Air Sterilizing Purifier

0 space occupation, 0 material consumption, 0 noise

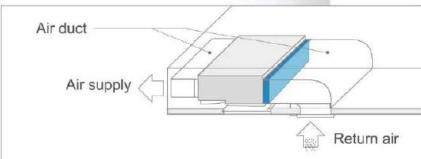
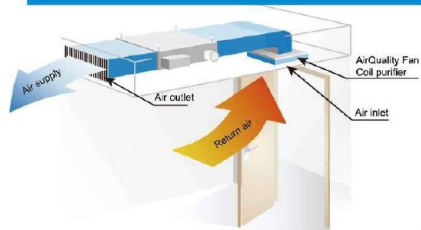
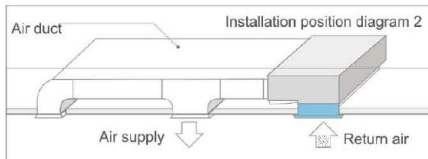
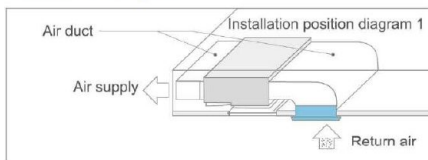
Low pressure drop, high PM removal efficiency, perfect for fan coil return air purification and disinfection.



Product Feature

- ▶ Remove 99% of PM2.5, methanol, influenza virus and other air pollutants
- ▶ Concealed in return air inlet of central AC without affecting decoration and occupying floor space
- ▶ Low pressure drop
- ▶ 3-D air circulation
- ▶ Reduce energy consumption by maintaining good performance
- ▶ Intelligent control, linked to fan coil, the device runs when there is air flow and stops when there isn't
- ▶ Can be applied to both fluorine and water AC systems

Installation Diagram



MESP Technology



Washable and reusable filter



Remove PM viruses and bacteria



Low energy consumption



Low pressure drop



3-D air circulation

Specification Parameter

Model	FFC01M-A	FFC03M-A	FFC02M-A	FFC02M-B
Dimension(W×H×D mm)	280*550*72	523*550*72	232*950*78	225*1000*140
Applicable Air Volume(m³/h)	610	1220	700	700
Cleaning Efficiency for PM2.5(%)	Up To 99			
Cleaning Efficiency of Microorganism (%)	Up To 99 (Staphylococcus albus)			
Pressure Drop(Pa @1.0m/s)	10			
Disinfection Method and Certification	Electrostatic Sterilization(Sterilizer Certification)			/
Power Supply(V/Hz)	110-240~/50-60			
Rated Power(W)	4.5	8	6	6
Status Indication	Running			
Weight(kg)	5	7	6.5	9

Model	FFC03M-A2	FFC04M-A2	FFC05M-A2	FFC06M-A2	FFC08M-A2	FFC03M-B2	FFC04M-B2	FFC05M-B2	FFC06M-B2	FFC08M-B2
Dimension(W×H×D mm)	241*660*90	241*800*90	241*960*90	241*1170*90	241*1470*90	241*700*145	241*870*145	241*1000*145	241*1204*145	241*1504*145
Applicable Air Volume(m³/h)	510	680	850	1020	1360	510	680	850	1020	1360
Cleaning Efficiency for PM2.5(%)	Up To 99					Up To 99				
Cleaning Efficiency of Microorganism (%)	Up To 99 (Staphylococcus albus)					Up To 99 (Staphylococcus albus)				
Pressure Drop(Pa @1.0m/s)	7.5					7.5				
Disinfection Method and Certification	Electrostatic Sterilization(Sterilizer Certification)					/				
Power Supply(V/Hz)	110-240~/50-60					110-240~/50-60				
Rated Power(W)	5	5.5	6	7	8	5	5.5	6	7	8
Status Indication	Running					Running				
Weight(kg)	4.5	6	6.5	8	9.5	5.5	6.5	7	8.5	10

Model	FFC03MH-A3	FFC04MH-A3	FFC05MH-A3	FFC06MH-A3	FFC08MH-A3	FFC03MH-B3	FFC04MH-B3	FFC05MH-B3	FFC06MH-B3	FFC08MH-B3
Dimension(W×H×D mm)	241*660*34	241*830*34	241*960*34	241*1170*34	241*1470*34	242*700*110	242*870*110	242*1000*110	242*1204*110	242*1504*110
Applicable Air Volume(m³/h)	510	680	850	1020	1360	510	680	850	1020	1360
Pressure Drop(Pa)(@1.0m/s)	5					5				
Microbial Circulation Removal Rate (%)	Up To 99.9 (Staphylococcus albus)					Up To 99.9 (Staphylococcus albus)				
Disinfection Time(min)	60					60				
Power Supply(V/Hz)	110-240~/50-60					110-240~/50-60				
Rated Power(W)	5	5.5	6	7	8	5	5.5	6	7	8
Status Indication	Running					Running				
Weight(kg)	3.5	4	4.5	5	6	4.5	5	5.5	6	7

Note: 1. Product Implementation standards: GB 15982-2012, WS/T 548-2019, (Technical Specifications for Disinfection) (Ministry of Health of China, 2002), Q314/0113000146C002-2021 (1), GB/T 14295-2019, GB/T 34012-2017, GB 4706.1-2005, GB 4706.45-2008 (2), 2.The dimension, rated power, weight, negative ion content and other data are measured by AirQuality laboratory for reference only. 3.FFC series are standard equipped with air-flow sensor suitable for A/C (both with fluorine system or water system), FFC-A3/A2/A1 series is external, FFC-B2/B3 series is built-in. M5 formaldehyde filter can be optional for all series (formaldehyde removal rate >90%). The pre filter for FFC-A3/B3 series is an optional part, and can also be added with negative ion generator to further improve the purification effect.

