

1. M-AHU: AHU Sterilizing Purifier



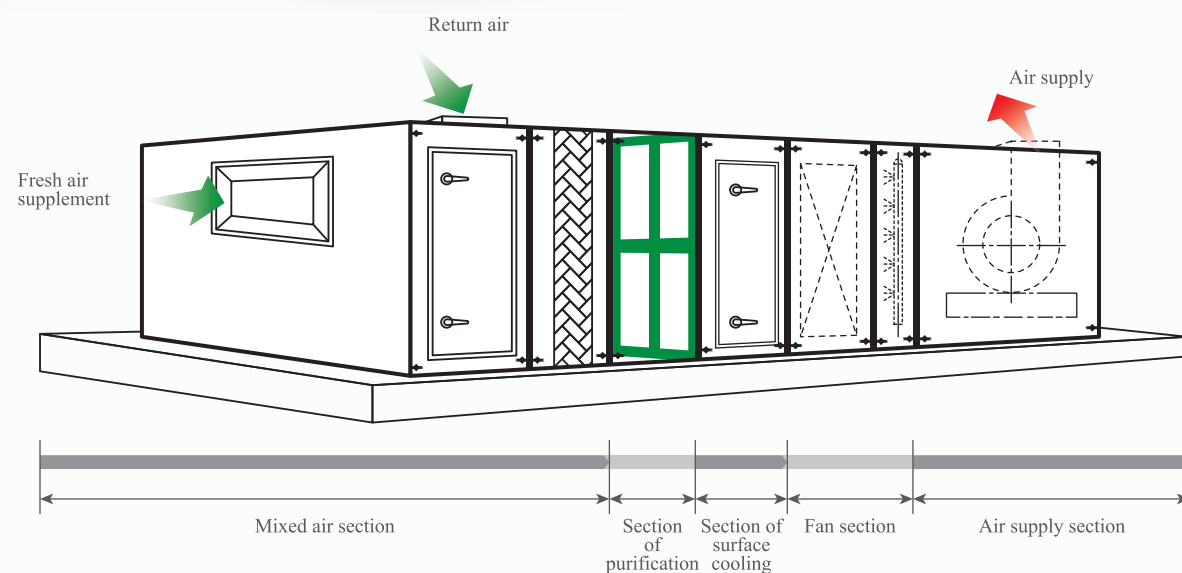
0 space occupation, 0 material consumption, 0 noise

MESP technology, ultrahigh one-time purification efficiency, and greatly reduce maintenance cost of air-conditioning system, and simultaneously disinfect indoor air to ensure a safer living environment.

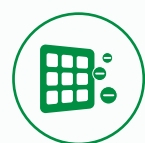


Product Feature

- Replace traditional bag filter section of AHU, low air pressure drop.
- One-time purification efficiency is up to 95%.
- Can be washed repeatedly.
- Thicker MESP module to ensure better dust removal/disinfection efficiency.
- Module design to ensure higher coverage rate.
- Low pressure drop and energy consumption.
- Can operate in high humidity environment.
- Supported by multiple certifications.
- Easy to maintain.
- Prax smart power module to ensure stable electricity output, high dust removal rate.



Operating principle of AHU air process



MESP Technology



Washable and reusable filter



Remove PM viruses and bacteria



Low energy consumption



Low pressure drop

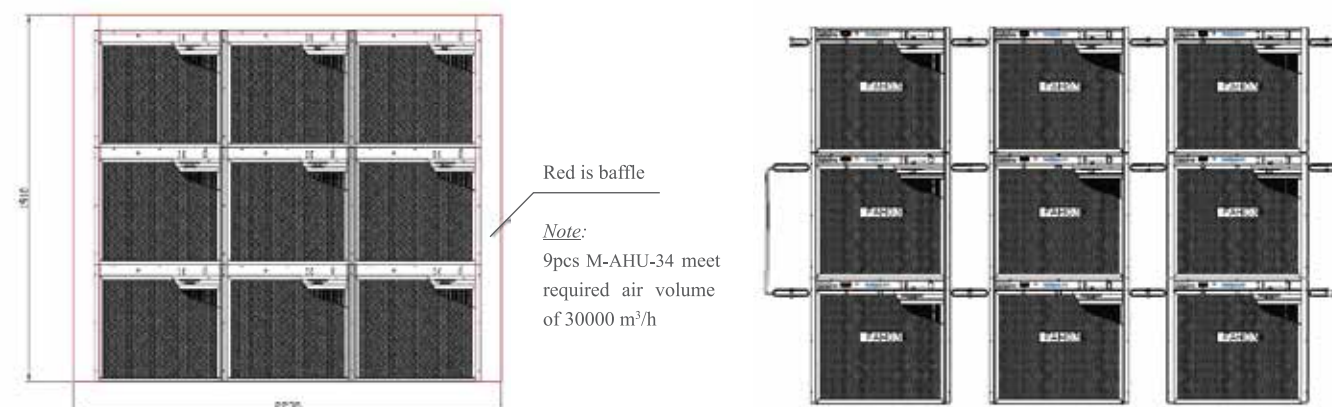


Modular assembly design

Specification Parameter

Model	M-AHU-17	M-AHU-34	M-AHU-11	M-AHU-22
Description	Single MESP Unit	Dual MESP Unit	Single MESP Unit	Dual MESP Unit
Dimension (W × H × D) (mm)	370x610x150	680x610x150	222x610x150	402 x 610 x 150
Rated Airflow (m³/h) @ 90% PM2.5 Efficiency	1700	3400	1100	2200
Rated Airflow (m³/h) @ 95% PM2.5 Efficiency	1300	2600	900	1800
Power Supply (V/Hz)	100-240~/50-60			
Rated Power (W)	7	13	5	8.5
Pressure Drop (Pa @ 2.5 m/s)	<50			
Microbial Purification Efficiency (%)	Up to 98 (Staphylococcus albus)			
Disinfection Method and Certification	Electrostatic Sterilization (Sterilizer Certification)			
Certification	UL/MERV 14		MERV 14	
Status Indication	Running			
Optional Components	Wiring Box/ Control Box/ M7 activated carbon Filter			
Weight (Kg)	10	13	6.5	8

Installation Diagram



Junction Box And Control Box

Product Model	BOX1(Connection box)	BOX2M (Control box)	BOX3M (Control box)
Dimension(W x H x D mm)	130*130*37	250*300*120	223*157*110
Cabinet Material	Metal	Metal	Plastic(PC)
Power Switch	Power Terminal	Yes	/
Operating Signal Indicator	/	Yes	/
Washing Time Indication/Timing Function	/	Yes	Yes
BA Dry Contacts (Operation,Failure,Cleaning)	/	Yes	Yes

FAH-L2(Wiring package):Two 800 long wiring harnesses(Dual male and dual female configuration of connectors).

