



"Make Life Safer"



Product name: Micro electrostatic air cleaning unit

Principle: Electric field module, i.e. electrically charged module, produces a 10000 V electrostatic field between the discharge electrodes, so that particulate matters passing through the electric field are instantly charged. The module adopts negative electrode discharge and generates abundant negative ions in this process, thereby making the air healthy and fresh.

The phalanx of approx. 1 mm staggered micro-cavities made of special dielectric graphene forms a micro electrostatic matrix—a strong electric field which applies enormous attraction to charged fine particles in the air; with only a small air flow impedance produced, it can adsorb almost 100% of moving particles in the air and the removal efficiency of PM2.5 and other particulate pollutants is especially outstanding.

Core advantages:

Ultra-high PM2.5 purification efficiency up to 98% (honeycomb structure significantly enhances the dust holding capacity and purification efficiency)

Purification efficiency of particulate matters up to 99%; sterilization of bacteria, virus and other microorganisms

No secondary pollution (the micro electrostatic filter is repeatedly washable and requires no replacement)



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Safe (no exposed high-voltage electrodes, no breakdown spark, no potential safety hazards)

Reduced energy consumption of the system, more energy-efficient (air resistance <10 Pa; protection of fan coils and air handling units)

Functions: Ultra-high PM2.5 purification efficiency up to 98%

Purification efficiency of particulate matters in the air up to 99%

Purification efficiency of bacteria, virus and other microorganisms up to 95%

Applications:

Medical systems: hospitals, pharmaceutical factories, operating rooms, isolation wards, blood stations, rehabilitation centers, etc.;

Workshops: electronics factories, optics factories, plastic and hardware coating factories, cosmetics factories, food factories, sanitary ware shops;

Office buildings: telecommunications, government office buildings, banks, etc.;

Public places: stations, airports, hotels, beauty salons, tea houses, supermarkets, libraries, exhibition halls, etc.;

Places of installation: mainly including fan coils, air handling units, ducts of central air conditioning units, etc.

Return air inlet mounted micro electrostatic air cleaner (connected to return air inlet)

Product name	Return air inlet mounted micro electrostatic air cleaner (connected to return air inlet)								
Model	NLXAIR34	NLXAIR51	NLXAIR68	NLXAIR85	NLXAIR102	NLXAIR136	NLXAIR170	NLXAIR204	NLXAIR238
Air volume m ³ /h	340	510	680	850	1020	1360	1700	2040	2380
Power supply/frequency	220 V/50 Hz; discharge voltage: 4000-8000V								
Power	5-10W								
Filtration efficiency	PM2.5: 98%; particulate matters: 99%; bacteria, virus and other microorganisms: 95%								
Air resistance Pa	5-12-20 Pa (air speed 0.5-1-1.5 m/s)								

Working status indicator	Power indicator, operation indicator, cleaning indicator
Controls	Air flow sensor, linkage, power OFF switch (additional functions)
Remarks	Special specifications can be customized according to customer requirements.

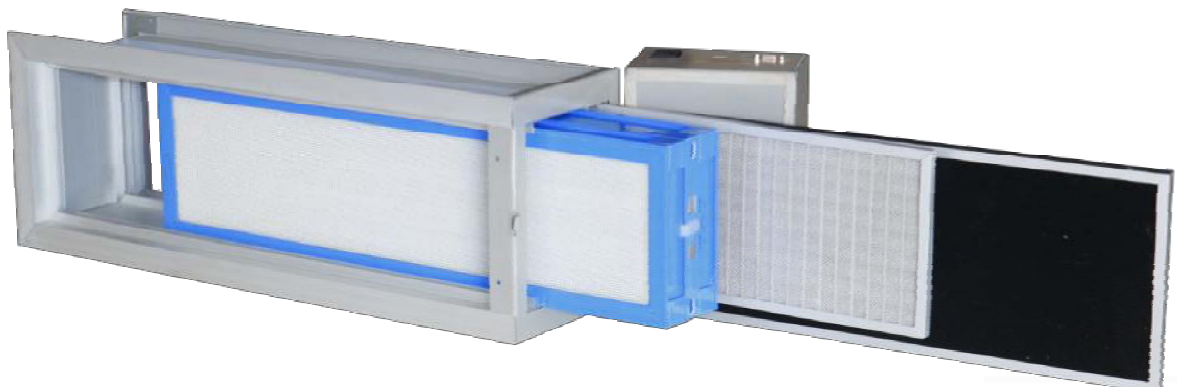




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Return air inlet mounted micro electrostatic air cleaner (flange connected)





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Product name	Return air inlet mounted micro electrostatic air cleaner (flange connected)								
Model	NLXAIR34F	NLXAIR51F	NLXAIR68F	NLXAIR85F	NLXAIR102F	NLXAIR136F	NLXAIR170F	NLXAIR204F	NLXAIR238F
Air volume m ³ /h	340	510	680	850	1020	1360	1700	2040	2380
Power supply/frequency	220 V/50 Hz; discharge voltage: 4000-8000V								
Power	5-10W								
Filtration efficiency	PM2.5: 98%; particulate matters: 99%; bacteria, virus and other microorganisms: 95%								
Air resistance Pa	5-12-20 Pa (air speed 0.5-1-1.5 m/s)								
Working status indicator	Power indicator, operation indicator, cleaning indicator								
Controls	Air flow sensor, linkage, power OFF switch (additional functions)								
Remarks	Special specifications can be customized according to customer requirements.								

Product name	Air duct mounted micro electrostatic air cleaner
Model	FG5~200
Air volume	500~20000m ³ /h
Overall dimensions	To be customized according to the dimensions of ducts
Power supply/frequency	220 V/50 Hz; discharge voltage: 4000-8000 V
Power	5-30W
Filtration efficiency	PM2.5: 98%; particulate matters: 99%; bacteria, virus and other microorganisms: 95%
Working status indicator	Power indicator, operation indicator, cleaning indicator
Controls	Air flow sensor, linkage, power OFF switch (additional functions)
Remarks	Special specifications can be customized according to customer requirements.

