



AIR PURIFICATION.  
STERILIZATION. PURIFICATION.  
DEODORIZATION. ULTIMATE  
SOLUTION FOR IAQ IMPROVEMENT.  
PROFESSIONAL PRODUCT-SYSTEM  
SOLUTION.



INSPIRAIR MODULE

# INSPIRAIR MODULE



IAA-D-4121 / D-4122 Air Purifier

## InspiraAir Module Series

An unique pioneer advanced technology of “Double closed loop voltage & current control” generated a high voltage electrostatic filter of 8000VDC

For duct mounted application

Installation operates with ventilation ducts

Can handle up to 2000ft<sup>2</sup> area

Fulfill the requirements of ozone level from FDA (USA), OSHA (USA), NIOSH (CDC)

No harmful gases emitted from air purifier

Significant performance on removing odor, bacteria and TVOC

## Performance

### Pollutants Removal

96% Airborne Bacteria

99% Particulates (RSP)

95% TVOC

95% Ammonia

95% Formaldehyde

90% Hydrogen Sulfide

## Safety Ozone Emission

8 hours average

Ozone Concentration <0.002ppm

12 hours average

Ozone Concentration <0.002ppm

## Monitoring Control

Flow Sensor

LED Display

## Applications

Office Building

Shopping Mall

Residential Building

Service Apartment

Restaurant

Food Processing Factory

Hotel & Guest Room

Lavatory

Pharmaceutical Laboratory

## InspiraAir Module Air Purification System

Model	IAA-D-4121	IAA-D-4122
Dimension (L*H*D)	697*236*265mm	349*236*265mm
Weight	20.0kg	12.0kg
Outside Flow	1360m <sup>3</sup> /h	680m <sup>3</sup> /h
Application Room Size	2000ft <sup>2</sup> (~185m <sup>2</sup> )	1000ft <sup>2</sup> (~93m <sup>2</sup> )
Power Input	AC230V/1ph/50Hz	AC230V/1ph/50Hz
Power Rating	14W	14W
External Static Pressure	Less than 25Pa	
Energy Consumption	0.5W at idle	
Noise Level	Less than 5dB	
Dust Collection	0.3 μm	
Filtration System	1. Large Particular Filter	
	2. Electrostatic Filter	
	3. Plasma Formaldehyde /TVOC Filter (optional)	
	4. Zeolite Filter (optional)	
	5. Anion Generator	

## Major Job References

International Finance Centre Management - IFC Mall & Office Building

MTR Corporation Limited - Stations Lavatory & Platforms

The Airport Authority Hong Kong - Hong Kong International Airport Smoking Lounge

HSBC Limited - Tseung Kwan O Data Centre

NTT Communications Corporation - Wonder 9 Data Center

Bright Future Pharmaceutical Laboratories Limited - Hainan Factory

Sheraton Grand Macao Hotel Cotai Central - Hotel & Guest Rooms

The Venetian Macao - Hotel & Guest Rooms