

RADIC8 AIRWASHER

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The Radic8 Airwasher is the complete indoor air quality package, washing, sterilizing, humidify, heating and cooling for the perfect indoor environment. AirWasher removes suspended particle matter in the air, harmful gases and odour by using fine water particles. 99.9% Bacteria sterilisation rate is achieved through the UV chamber. Total indoor air quality is achieved, monitored and displayed.



Usage Area: 495 Square Meters
Power : AC220V / 60Hz
Power Consumption : Cool mode (max) 1KW
Heat mode (max) 3.5KW
Fan: Sirocco Fan
Pump: Submersible Pump (PD-272MA)
Heater: Ceramic (PTC) Heater
Sensors: Dust, VOC, Ozone, Temp & Humidity, CO2
Ultraviolet Lamps: 8
Purifying Filter: Washable Filter, Free Filter, Membrane Filter
Filter: Washable Free Filter, Hepa Filter
Size: 1500 x 600 x 1950 mm
Use: Factory, Medical, Public, Industrial
Form: Free Standing

Airwasher is extremely efficient at the removal of odour and as such has many commercial and industrial applications.

3800 Product Features

3.Of intelligent sensors(Optional)

Intelligent sensor control and air quality management
Hazardous gas sensors, Temperature and humidity sensor,
Fine dust sensors, Ozone Sensor, CO2 sensor

1.Stage 2 waterfall nozzle

Two functional nozzle arrangement
Effectively remove fine dust and harmful gases

2,Ultraviolet light sterilization module

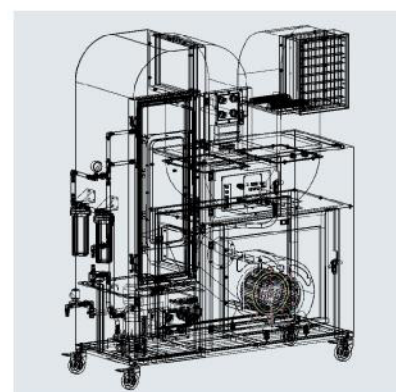
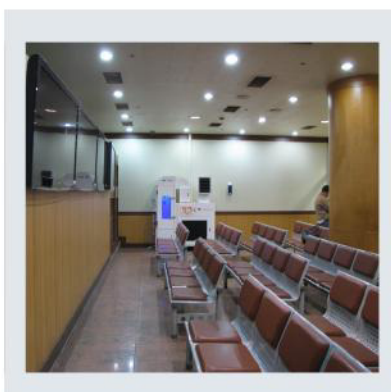
Eight UV-C lamps to remove harmful viruses and bacteria.

4,Water filters

2 stage large water filter

4,Air filter

Water washing pre-filter
(HEPAfilter optional)



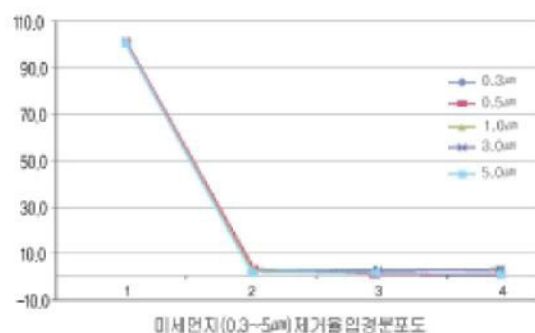
Performance



Fine dust removal efficiency 88.1%

Test method : β -ray absorption method

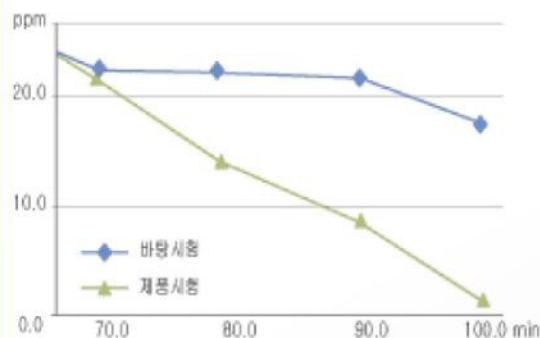
Test result : Turn on After 48 min → 98% elimination



Deodorization Performance

Test method : Toluene removal efficiency

Test result : After 30 min 96% removal



Bioaerosol removal efficiency 99.8%

Test Method : Chamber Method (60m²)

Test result : Turning 60 min → 99.397% removal



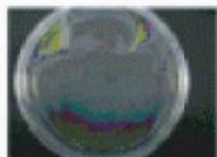
Before operation



After start-up



Negative contrast



Positive contrast



Air Washer Multistage nozzle



1. Spiral Nozzle

Stirred for 1 car and large dust and harmful gases, air purification



2. Full Cone Nozzle

Secondary nozzle
Remove fine dust and harmful gases



Cooling Performance

Test Location : INB air lab

Test Method : Input temperature and the output temperature measurement

Test Result : Humidity Conditions, 5°C~15°C Rapid cooling



Eco-friendly sterilizing humidification performance

Use special waterjet nozzle, Maximize the surface area of the water
Fine water molecules to create a natural humidification



Natural ion generation performance

Test Method : Ion Counter

Test result : About more 40times float ion

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