

Installation Types

AIRMAX CLEAN MAT

Maintaining pleasant indoor air, creating a clean working environment, and even low installation costs! It's the clean mat that is essential not only for public facilities but also for industrial sites.



Normal Type (AIRMAX-P)

It is mainly installed in places where people enter, and foreign substances that flow into the soles of shoes are ingested and blocked.



Embedded Type (AIRMAX-W)

It does not only absorb and block foreign substances that flow into the soles of shoes, but also wheels of automobile equipment such as trucks and forklifts.



Access Floor Type (AIRMAX-AF)

It is installed in the access floor structure, removing the flooring material and replacing the AIRMAX-AF in that place.



Gates Type (AIRMAX-G)

It is installed between gates to which people and trucks enter.



Air Shower Room Type (AIRMAX-CR)

It is installed inside the air shower, and it operates while the air shower is running.



Air Curtain

It is installed on both sides of the entrance to strongly discharge air in both directions, blocking the external air and preventing the inflow of micro-dust and various harmful bacteria.



Truck Type (AIRMAX-W)

It not only absorb and sterilize foreign substances that flow into the soles of shoes, but also do the same on wheels of automobile equipment such as trucks and forklifts.



Disinfection and Sterilization Mat Type (Any Clean)

It spraying function is added in this type to ensure that pollutants do not flow into the room, more reliable block of the inflow of contaminants is expected.

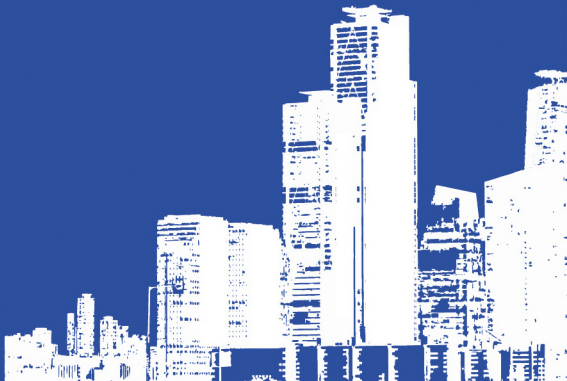
I'll make a clean indoor environment

3 Seconds for Indoor Air Automatic Dust Suction Mat

Airmax



Page Link to e-book





This is the very first step toward a healthy and safe living environment.

Only 3 seconds required for a clean environment

The 1st Sec. Improving the Indoor dust concentration

The 2nd Sec. Improving the Economic environment

The 3rd Sec. Improving our Living health



The Clean Mat improves indoor air quality by blocking 80% of the micro dust that adheres to the shoes.

Patent Certifications and Awards



Excellent Product Certificate



Innovative product certificate



Certificate of selection for pilot purchase of technology development products



Performance certificate



Certificate of venture business



Verification of Test Bed Project in Seoul



Patents for mats with air inlet valves



Patents for dust reduction devices with beads



ISO 9001



ISO 14001



Electrical safety certification



Inno-Biz



Main-Biz



GRASS designation letter



Women's business Certificate

Advantages of Air Max Clean Mat

1 Simple Operation

It operates when the mat is stepped on or approached by a sensor detection method, and blocks harmful substances from entering the room just by walking on the mat.

2 Strong Durability

Made of STS304 (stainless steel), it is resistant to external shock and corrosion, so it can be used for a long period of time without any problems even in snowy or rainy weather.

3 Easy Maintenance and Management

Easy and simple operation and the dust bag which collects various substances can be easily replaced without tools. The Air Max Clean Mat delivers information to the administrator's PC, making it easy to grasp the status of the product.

(Including defining its operation, operating time, life of consumables, replacement time, and etc.)

4 Customized According to the Installation Location

Practical customization is available according to the characteristics of different sites for each company.

5 Air Purification Function

Test Results

KTL Test Results

Performance Measurement	Unit	Result of Measurement	Remark
Wind Speed	m/s	26.9	Average
Noise	dB(A)	52.8	Maximum
Foreign Substances Recovery Rate	%	90.2	Average
Micro-dust Reduction Rate	%	0.3μm 85.8	Reduction rate for after using 10 times of operation
		0.5μm 92.8	



KTL Test Report



KQT Test Report

KQT Test Results

Test Content	Analysis of the specific gravity of fine dust among removed foreign substances
Results	Fine dust below PM10 accounts for about 15% of all foreign substances Estimated that about 2.55 kg of fine dust was removed in six months from the underground station (Soyu subway station)
Remarks	Refer to the final report of the 2020 Test Bed Seou Demonstration Support Project

Airmax Clean Mat

The necessity of Air Max Clean Max

When you enter the room from the outside, the micro-dust, germs and even worse things like the Covid-19 virus can stick to your clothes and shoes causing indoor pollutants those directly or indirectly cause many diseases. To prevent these situations, the Air Max Clean Mat is very necessary. The Air Max Clean Mat creates a safe and pleasant indoor environment by blocking the inflow of external pollutants with it's strong suction power.

Only 3 seconds required for a clean environment

The 1st Sec.

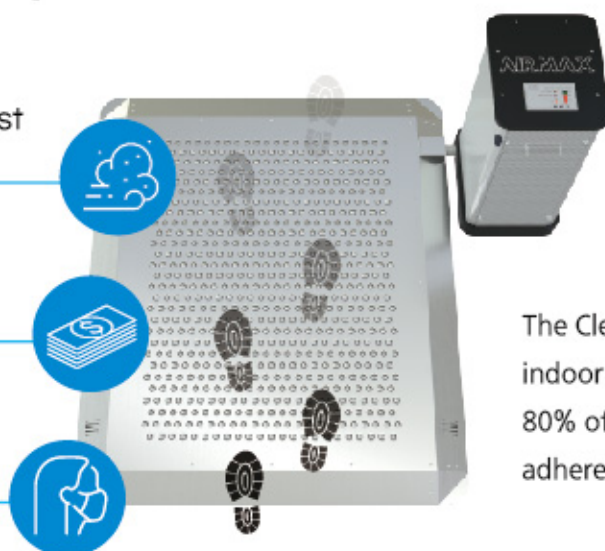
Improving the Indoor dust concentration

The 2nd Sec.

Improving the Economic environment

The 3rd Sec.

Improving our Living health



The Clean Mat improves indoor air quality by blocking 80% of the micro dust that adheres to the shoes.

Product Specifications

(110~220v Free Voltage)

Air Max Clean Mat Dust Collector

(Customization available)

Dimension	280*320*500
Motor	BLDC 350W, 48V
Sensor type	Photo Sensor Human body detecting Sensor
Dust Collecting method	Dust Bag type HEPA Filter type
Operation method	Setting the Operation Time (0~99 sec.)
Air Purification Function	Available

Air Max Clean Mat (Customization available)

Dimension (Max.)	1,200*3,000 / 3,000*1,200	
Dimension (Std.)	For Single door	700*600*20
		700*1,000*20
		1,000*1,000*20
	For Double door	1,800*1,000*20
		1,600*1,000*20
		1,500*1,000*20
Mat Loading Capacity	For People	200kg
	For Trucks	Less than 1t
		Less than 5t
Distance between balls	Left and right spacing	25mm
	Top and bottom spacing	30mm
Material of Ball	STS 304	
Material of mat	STS 304 Diamond Etching	

Cases of installation



Seoul Forest Station



Seoul National University Hospital



Seoul Arts Center



SETEC



LG Life Health



Ansan City Hall



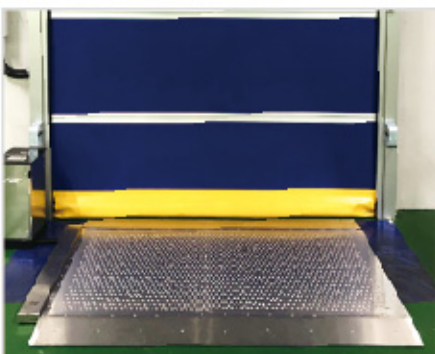
Binggrae Factory



Naver Data Center Gaksejong



Kookmin Bank Integrated IT Center



LS Electric



Starbucks



Ministry of National Defense