



# Thenow Air Sterilizer

Triple sterilization,  
Safe for man-machine co-existence.

SHANGHAI THENOW PURIFICATION  
TECHNOLOGY.CO.,LTD

# Virus Around Us Everywhere

In the air, droplets, contact, injection, transfusion, etc.



Hospital Ward / Clinic



Operating room



Home



Kindergarten / school



Pet shop



Confinement Centers

# Thenow Medical Air Sterilizer



KJ302X-T01

## Triple Sterilization Safe for man-machine co-existence.

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Triple sterilization, three-layer air filtration,  
zero consumables, No ozone emission.



Triple sterilization



Three-stages filtration:  
Prevent PM in the air  
and decompose the  
formaldehyde, VOC, etc.



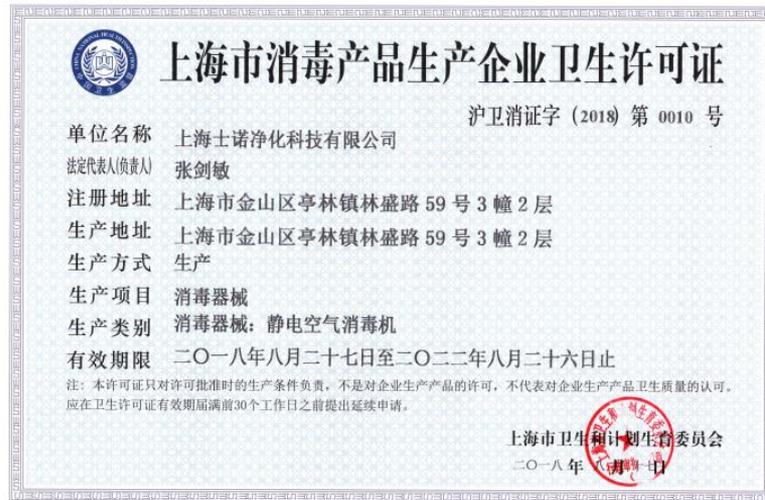
Air natural bacteria killed  
up to 93.26%;  
Staphylococcus albus killed  
up to 99.98%

# Leading Superiority

## Thenow air sterilizer ≠ other air sterilizers



- Possessing the 'Sanitary Product Manufacturing Enterprise Sanitation License'
- Reviewed and recorded by the National Health and Family Planning Commission
- Record every sale, for review by the health supervision department

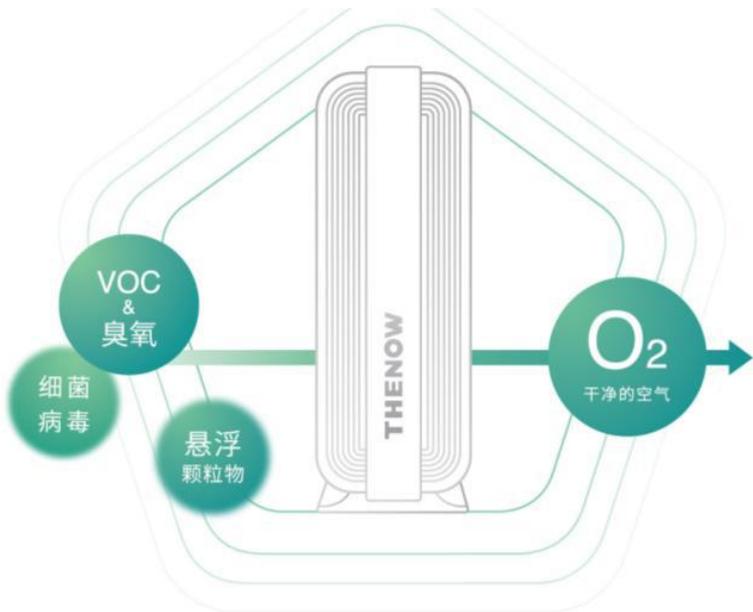


# The Core Technology

净电灭菌  
臭氧零增加

Pure ESP净电灭菌系统

发明专利  
201210037660.8



## Pure ESP System

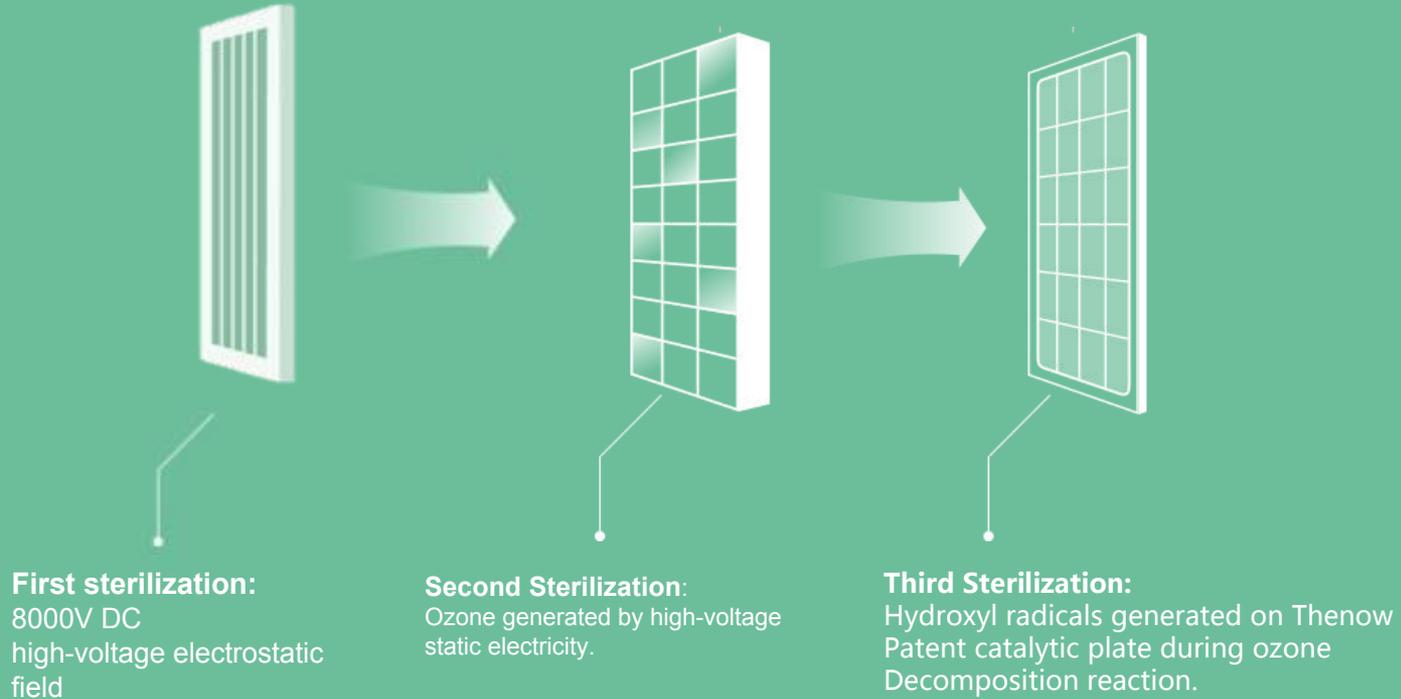
Triple sterilization  
system

Triple filtration  
system

Thenow Pure ESP system combined traditional ESP and catalytic coupling technology (Patent technology. Patent NO.201210037660.8). It retains the advantages of traditional ESP and as well as removed the disadvantage (Too much ozone) of it. As we already know, electrostatic technology can be used in air filtration and sterilization. Meanwhile, there will be massive ozone produced which is harmful to human being. However, Thenow Pure ESP system can decompose ozone on its patented catalytic plate completely. After decompose, much of hydroxyl radical is generated. This can efficiently promote the decomposition of VOCs such as formaldehyde and toluene at room temperature. And it's also good for further sterilization. So it's a **Pure ESP system**.

# Triple Sterilization System

## Thorough disinfection, Stop Transmission



# Three-layer Filtration System

## First : Pre-filter

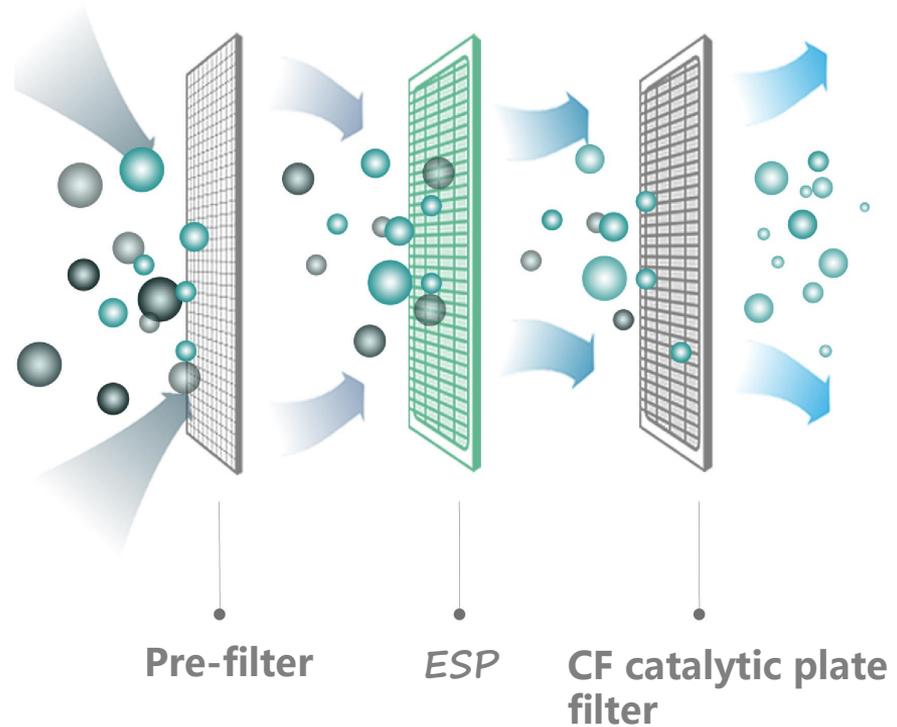
Prevents large suspended particles such as dust and fluff in the air.

## Second : ESP module

Filtration of particulate matter ( Filter fineness smallest to PM 0.1)

## Third : CF catalytic plate filter

Catalytically decomposing ozone generated by high-voltage static electricity and other VOCs such as formaldehyde etc. (  $O_3 + \text{VOCs} = \text{H}_2\text{O} + \text{CO}_2$  )



# Authorized Certification

检测报告

样品名称: 静电空气净化器 检测日期: 2018年08月21日

检测项目: 消毒器械空气消毒效果验证试验 检验完成日期: 2018年08月27日

**白色葡萄球菌**

杀灭率  $K_t$  (%)

试验序号	作用时间 (min)	存后菌数 (cfu/m <sup>3</sup> )	自然菌亡 (%)
1	0	3.30 × 10 <sup>7</sup>	21.54
	60	1.02 × 10 <sup>7</sup>	99.98
2	0	1.41 × 10 <sup>7</sup>	
	60	1.10 × 10 <sup>7</sup>	99.98
3	0	1.34 × 10 <sup>7</sup>	
	60	1.08 × 10 <sup>7</sup>	99.98

检测报告

样品名称: 静电空气净化器 检测日期: 2018年08月21日

检测项目: 消毒器械空气消毒效果验证试验 检验完成日期: 2018年08月31日

**空气自然菌**

消亡率  $K_t$  (%)

试验序号	作用时间 (min)	消毒前菌数 (cfu/m <sup>3</sup> )
1		3.35 × 10 <sup>7</sup>
2	60	2.73 × 10 <sup>7</sup>
3		4.07 × 10 <sup>7</sup>

93.88  
93.26  
94.52

Air natural bacteria killing rate up to **93.26%**

Staphylococcus albus killing rate up to **99.98%**



# Comparison Of Sterilization Technology

## Comparison to Competitive Products:

Item	Pure ESP sterilization system	UV sterilization	Ozone sterilization	Plasma sterilization
Technology	National Invention Patent	General technology		
Sterilization efficiency	Triple sterilization High efficiency	Low efficiency	High efficiency	Low efficiency
Security	Zone ozone ,safe	Radiation existence	High concentration ozone(toxic)	A certain amount of Ozone
Environmental protection	No consumables	Regular replacement	No consumables	No consumables

Note: Thenow Pure ESP sterilization system is far ahead in terms of technical content, sterilization efficiency, safety, and final cost of use.

# Core Advantage



Professional sterilization and filtration performance  
But with Zero Consumable!



The leading Pure ESP system has more powerful sterilization and purification capabilities. But no need to replace the ESP filter module. Just take it out and wash it regularly by water. After drying, reinstall it.  
**Note:** The pre-filter also only needs to be cleaned by water and does not need to be replaced except that there is some damage.

# Core Advantage

Safe for man-machine co-existence

Harmless anti-virus technology

Health safeguard all day long.



# Core Advantage

## Big Air Volume Circulation, Removable device for flexible use.

- The circulating air volume is up to **424m<sup>3</sup> /h**, suitable for room area **21-36m<sup>2</sup>**.
- Removable device. Move it where needed.



# Core Advantage



## Elegant appearance Simple and clean

- Structure design inspired by aviation dual engine. Simple design and easy matching.
- More home-match appearance design, different from the industrial style in the market.

# Core Advantage



The light sensor always monitor the light in the room and then automatically the device adjusts its operation speed and light. When it's bright, the air quality indicator light and touch panel light are on. When it's dark, all the lights are off to avoid influence on sleep.

## ECO Light Sense

Intelligently sensing ambient light ,  
More comfortable



# Core Advantage

## Comfortable and Smart



>Quality centrifugal fan with large air volume, low noise and low energy consumption.

>With PM2.5 And CO2 laser sensors for more precise control of air quality and intelligent adjustment.

# Product Technical data

Model: KJ302X-T01

Circulation Air: 424m<sup>3</sup>/h

Air natural bacteria killing rate: 93.26%

Size:508x248x729mm

Noise: 38~56 dB(A)

Ozone: density: <0.01m<sup>3</sup>/h

Rated Power: 48W

Exterior: ABS plastic

Efficiency: High

Staphylococcus albicans kill rate: 99.98%

Power: 220V/50Hz



# Product Display

