

# How Nano UVClean panel works?

24H air disinfection protection through 3 mechanisms

## UV Photocatalyst Technology

The UV light stimulates the catalyst coating inside the air sanitizing chamber which Nano-silver react with Microbes to inhibiting reproduction

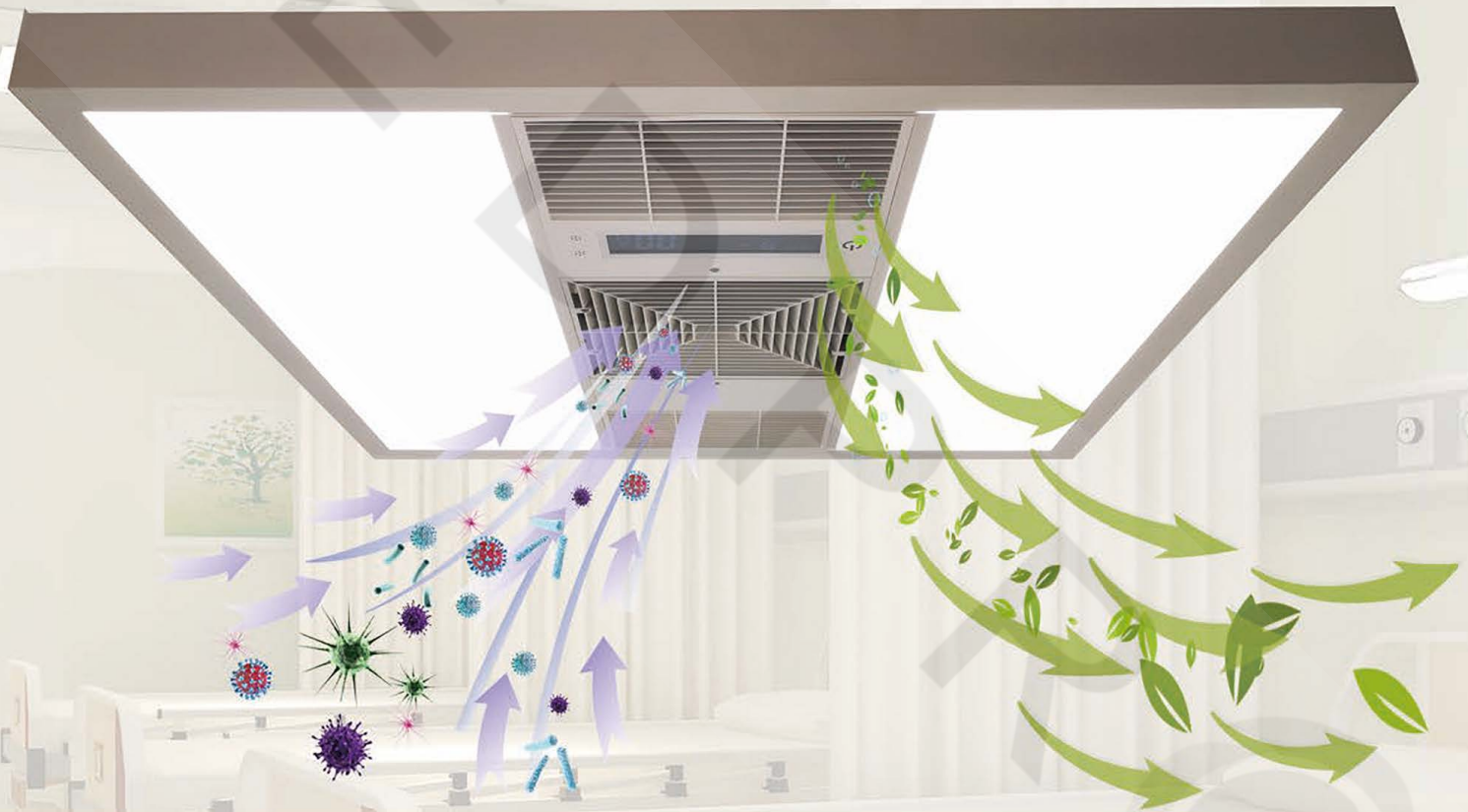


## Air Circulation

Centrifugal industrial fan, delivery air in and santinized air out

## Active Carbon

H13 standard filter filter dust and air particles



## Fast Air Purification

Disinfects virus, bacteria & fungi on surface and air

### Bacterias:

Superbug, Staphylococcus, Salmonella, etc

**99.99%**

Antiseptic rate after 2 hours

### Virus:

H1N1, Enterovirus, Respiratory mixed virus, etc

**99.99%**

Antivirus rate after 1 hour

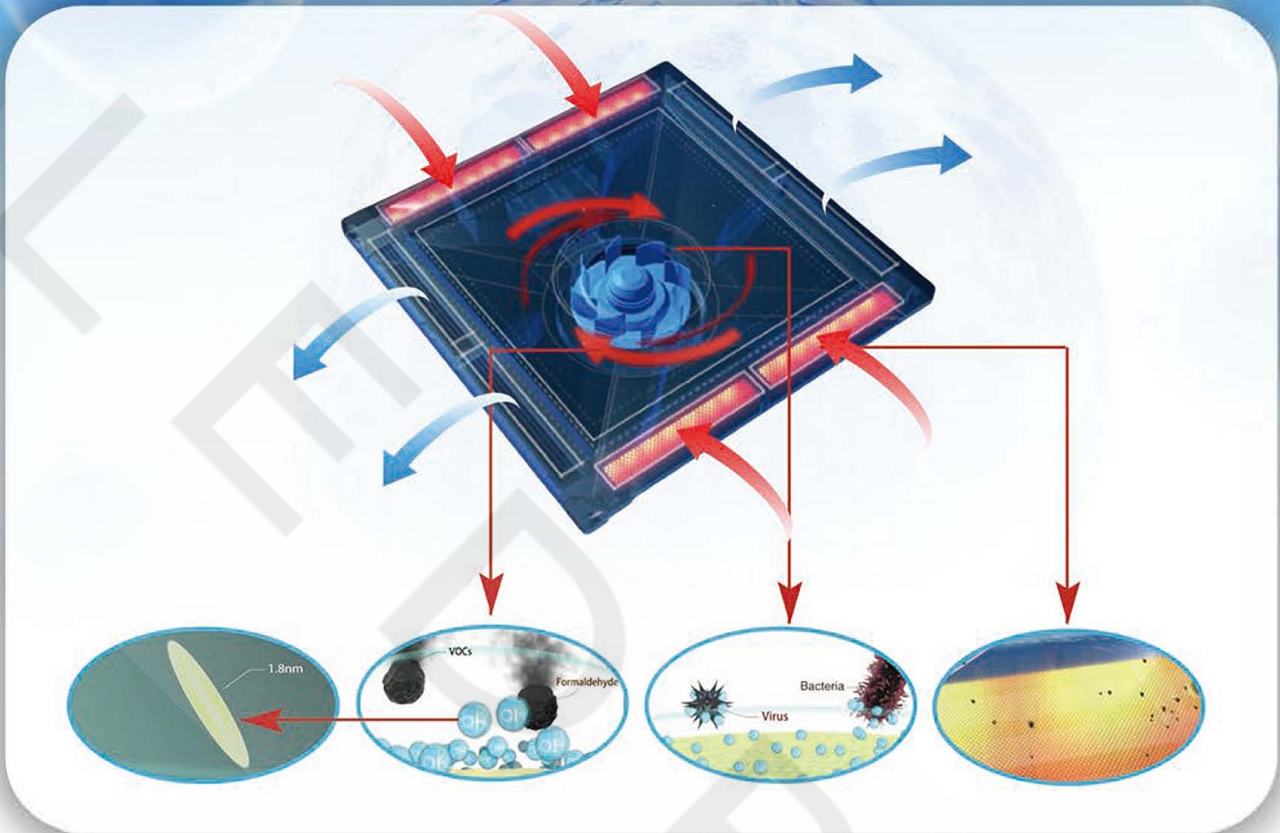
### Air Clean:

Eliminate form aldehyde, TVOC, Ammonia, etc

**24<sub>h</sub> x 7<sub>d</sub>**

Non-stop air purification

# How UV NANO Clean Tech Works?



## 1. UV LIGHT AND CATALYST

The UV light stimulates the catalyst coating inside the air sanitizing chamber which Nano-silver react with Microbes to inhibiting reproduction.

## 2. DEACTIVATION OF VIRUSES

TiO<sub>2</sub> creates hydroxyl radicals, affecting its lipid membrane or proteins. These ions damage the DNA of viruses and deactivate them in the air and on surfaces.

## 3. THE VIRUS DIES

TTA surface contain charges, charge rupture cell membranes causing death.

After the loss of its infectious capacity, the virus finally dies.



LEDPRO

NO Chemical

NO Cover-ups

NO Harm for Human,  
Animals, plants