



ANTI VIRUS DISINFECTION ATOMIZER

ULTRASONIC STERILIZATION EQUIPMENT VIRUS DISINFECTION ATOMIZER
(VDA) WITHOUT DEAD ANGLE





Suitable for

- 1 Houses
- Apartments
- Hotels

Advantages

- 10 mins Disinfect All Area
- No Dead Angle
- Full Automation
- Non-Stimulation
- Non-Pollution
- Non-Corrosive





Suitable for

- Offices
- Meeting Rooms
- Conference
- Showrooms

- 10 mins Disinfect All Area
- No Dead Angle
- Full Automation
- Non-Stimulation
- Non-Pollution
- Non-Corrosive



Suitable for

- Shopping Mall
- Office Lobby
- Hotels & Lobby
- Supermarkets

Advantages

- 10 mins Disinfect All Area
- No Dead Angle
- Full Automation
- Non-Stimulation
- Non-Pollution
- Non-Corrosive



Suitable for

- Restaurants
- Club Houses
- Food Stores
- Bars
- 10 mins Disinfect All Area
- No Dead Angle
- Full Automation
- Non-Stimulation
- Non-Pollution
- Non-Corrosive

Disinfect in all directions without dead angle

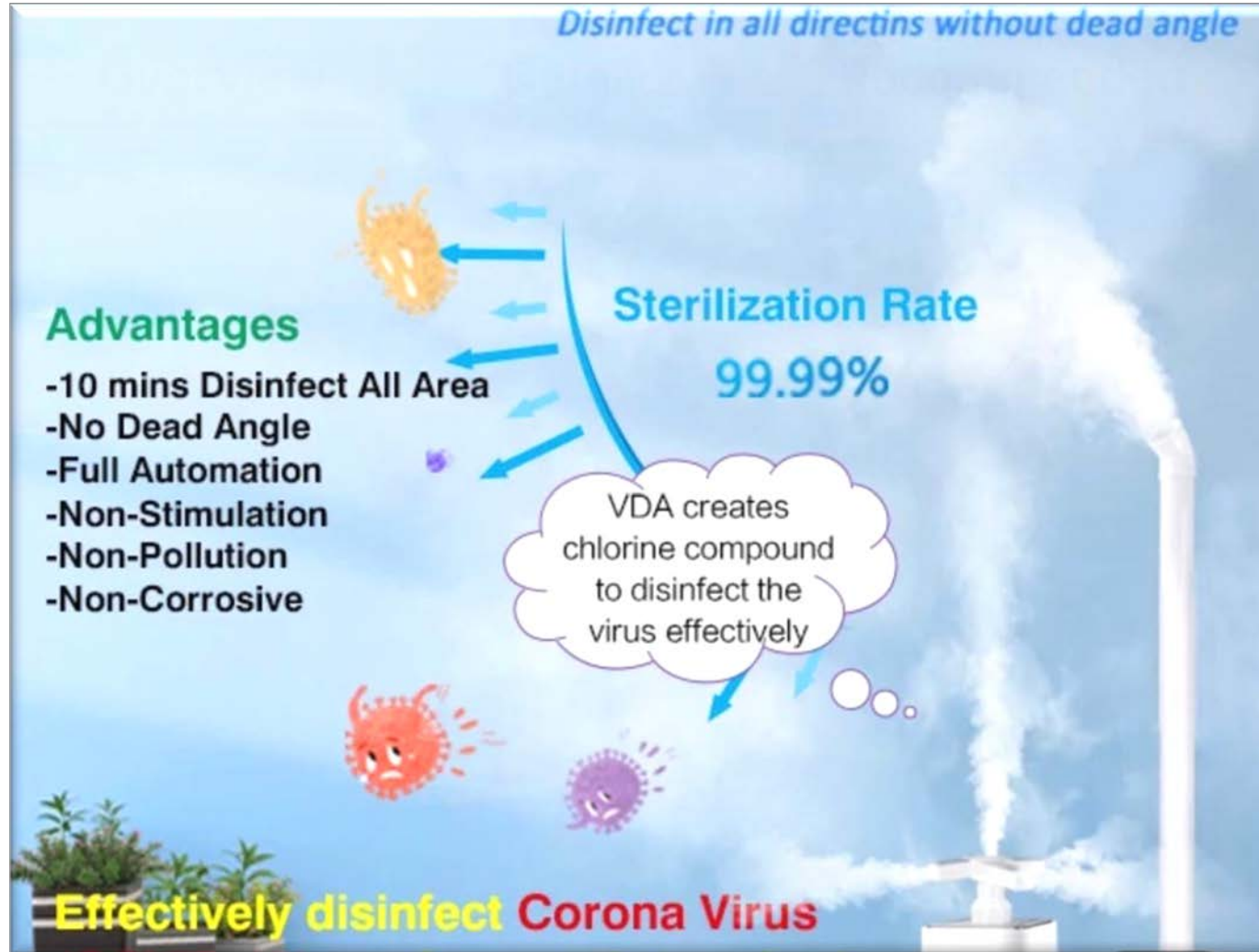
Advantages

- 10 mins Disinfect All Area
- No Dead Angle
- Full Automation
- Non-Stimulation
- Non-Pollution
- Non-Corrosive

Sterilization Rate
99.99%

VDA creates
chlorine compound
to disinfect the
virus effectively

Effectively disinfect Corona Virus



- PRODUCT DESCRIPTION

- THE AEROSOL STERILIZER IS EFFECTIVE AND ENVIRONMENTALLY-FRIENDLY TO USE SODIUM HYPOCHLORITE(NACIO) TO STERILIZE THE VIRUS. SALT AND WATER PRODUCED SODIUM HYDROXIDE(DISSOLVE IN WATER), HYDROGEN GAS(DISCHARGE THE DEVICE) AND CHLORINE GAS(DISSOLVE IN WATER) BY ELECTROLYSIS.

- THE CHLORINE GAS AND HYDROGEN GAS WHICH DISSOLVE IN WATER PRODUCE SODIUM CHLORIDE (DISSOLVED IN WATER), SODIUM HYPOCHLORITE (WITH WATER MIST INTO THE AIR FOR AEROSOL ELIMINATION), WATER.

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- SODIUM HYPOCHLORITE NATURALLY DECOMPOSES INTO SODIUM CHLORIDE (SALT) AND OXYGEN IN THE AIR AFTER KILLING THE VIRUS.



- THE PRINCIPLE OF DISINFECTION (1/2)

- THE VIRUS WAS ELIMINATED BY THE STRONG OXIDATION OF HYPOCHLORITE ION, HYPOCHLORITE HAS BEEN WIDELY USED IN REAL LIFE,
- THE MAIN INGREDIENT OF DISINFECTANT FLUID WHICH USED IN HOSPITALS IS SODIUM HYPOCHLORITE(NACLO),
- IT IS EXACTLY SAME AS THE GAS WHICH PRODUCED BY THE AEROSOL STERILIZER.
- BESIDES, THE ONE WE USED TO STERILIZE TAP WATER IS ALSO HYPOCHLOROUS ACID(HCLO).
- ANOTHER REASON FOR COMMONLY USED IN LIFE IS THAT THE HYPOCHLORITE IS VERY UNSTABLE,
- AUTOMATIC DECOMPOSITION AT NORMAL TEMPERATURE.

- THE PRINCIPLE OF DISINFECTION (2/2)
- SODIUM HYPOCHLORITE IS BROKEN DOWN AUTOMATICALLY INTO SALT (NaCl) AND OXYGEN (O₂).
- THE CHEMICAL EQUATION IS: $2\text{NaClO} = 2\text{NaCl} + \text{O}_2$. IT IS EFFECTIVE AND ENVIRONMENTALLY-FRIENDLY TO USE
- SODIUM HYPOCHLORITE(NaClO) TO STERILIZE THE VIRUS.

