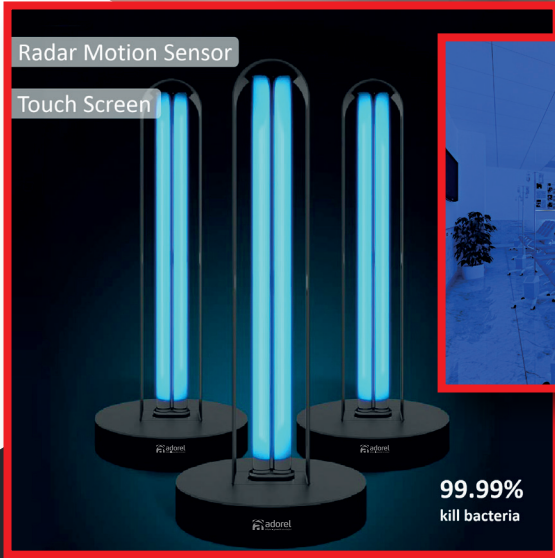


# UV STERILIZATION

- ☑ All government agencies and the private sector
- ☑ **Hotels**
- ☑ Restaurant - Cafe
- ☑ **Hospitals**
- ☑ Public Transportation
- ☑ **Sterilization in public areas**



Disinfection,  
**Does Not**  
Mean  
**Sterilization**



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## Sterilization

Sterilization is all pathogenic or nonliving is the destruction of microorganisms

In sterilization, it is aimed to kill the microorganisms that cause or do not cause disease in the substance.

In sterilization, microorganisms that cause disease or not, including spores, are destroyed.

## Disinfection

Although it is healthy, the effect of disinfection is limited due to the high number of microbes and the uncertain forms of infectious diseases

Disinfectant method is aimed at disease-causing and damaging microorganisms that contain the substance to be disinfected.

Disinfectants are not effective against bacterial spores in a short time.



# SAMPLE

## COST ANALYSIS

# the comparison

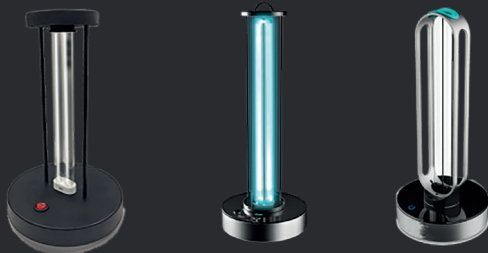
## Disinfection

Average 3+1 house to ensure complete disinfection  
2 liters real disinfectant, %70 alcoholic is used.

2 liters disinfectant x 8 \$ = 16 \$  
387 days x 16 \$ = 6192 \$

TOTAL COST: **6192 \$**

**ADO-UV 36 / ADO-UV38 / ADO-UV38HS**  
**HOUSE, OFFICE, CLINIC**



## ✓ Sterilization

### TOTAL COST

ADO-UV-EZK-36	69 \$
ADO-UV-KZKH38	199 \$
ADO-UV-KZKH-55	229 \$

Average 3+1 house dimensions are as below,

Lounge	25-30m <sup>2</sup>	= 60 minutes
Bedroom	15m <sup>2</sup>	= 30 minutes
Kid's room	10m <sup>2</sup>	= 15 minutes
Guest room	10m <sup>2</sup>	= 15 minutes
Kitchen	10m <sup>2</sup>	= 15 minutes
Bathroom	5m <sup>2</sup>	= 10 minutes
W.C.	3m <sup>2</sup>	= 10 minutes

**TOTAL : 155 minutes**

**Bulb Life Expectancy 9000 Hours**

Effective working hours for sterilization  
1000 hours / 60.000 minutes  
60.000 minutes / 155 minutes = 387 days

AVERAGE COST:

**299 \$**

## Adorel **ADO-UV-EZK-36**

01



Wavelength	: 253.7nm
Watt	: 36 W
Seen color	: UV
Remote Control	: Existent
Operating Temperature	: -20 ~ 80 °C
Bulb Life Expectancy	: 8000
Space of disinfection	: 40m <sup>2</sup> /30min, 20m <sup>2</sup> /15min, 10m <sup>2</sup> /15min
Beam rating	: 360°
Timer	: 15-30-45-60 min.
Case	: Plastic
Weight	: 1.3 kg
Voltage	: AC220V

## Adorel **ADO-UV-E38F**

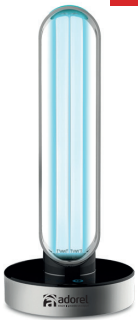
02



Wavelength	: 253.7nm
Watt	: 38 W
Seen color	: UV
Remote Control	: Existent
Operating Temperature	: -20 ~ 80 °C
Bulb Life Expectancy	: 8000
Space of disinfection	: 40m <sup>2</sup> /30min, 20m <sup>2</sup> /15min, 10m <sup>2</sup> /15min.
Beam rating	: 360°
Timer	: 15-30-45-60 min.
Case	: Plastic
Weight	: 1.3kg
Voltage	: AC220V

## Adorel **ADO-UV-KZKH-1702**

03



Wavelength	: 253.7nm
Watt	: 38 W
Seen color	: UV
Remote Control	: Existent
Operating Temperature	: -20 ~ 80 °C
Bulb Life Expectancy	: 9000
Space of disinfection	: 40m <sup>2</sup> /30min, 20m <sup>2</sup> /15min, 10m <sup>2</sup> /15min.
Beam rating	: 360°
Timer	: 15-30-45-60 min.
Motion sensor	: Existent
Case	: Metal
Weight	: 1.5 kg
Voltage	: AC220V

## Adorel **ADO-UV-KZKH38**

04



Wavelength	: 253.7nm
Watt	: 38W
Seen color	: UV
Remote Control	: Existent
Operating Temperature	: -20 ~ 80 °C
Bulb Life Expectancy	: 9000
Space of disinfection	: 40m <sup>2</sup> /30 min, 20m <sup>2</sup> /15 min, 10m <sup>2</sup> /15 min.
Beam rating	: 360°
Timer	: 15-30-45 min.
Motion sensor	: Existent
Case	: Metal
Weight	: 1.5 kg
Voltage	: AC220V

## Adorel **ADO-UV-KZKH-55**

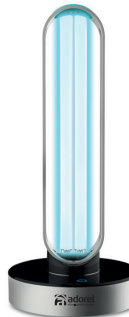
05



Wavelength	: 253.7nm
Watt	: 55 W
Seen Color	: UV
Remote Control	: Existent
Operating Temperature	: -20 ~ 80 °C
Bulb Life Expectancy	: 9000
Space of disinfection	: 40m <sup>2</sup> /30 min, 20m <sup>2</sup> /15 min, 10m <sup>2</sup> /15 min.
Beam rating	: 360°
Timer	: 15-30-45 min.
Motion sensor	: Existent
Case	: Metal
Weight	: 1.5 kg
Voltage	: AC220V

## Adorel **ADO-UV-KZKH-1701**

06



Wavelength	: 253.7nm
Watt	: 60 W
Seen color	: UV
Remote Control	: Existent
Motion sensor	: Existent
Operating Temperature	: -20 ~ 80 °C
Bulb Life Expectancy	: 9000
Space of disinfection	: 40m <sup>2</sup> /30 min, 20m <sup>2</sup> /15 min, 10m <sup>2</sup> /15 min.
Beam rating	: 360°
Timer	: Existent
Case	: Metal
Voltage	: AC220V

## Adorel **ADO-UV-KRGB-72**

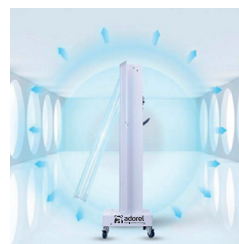
07



Wavelength	: 253.7 nm
Watt	: 72 W
Seen Color	: Black and White Dominant Wave
Remote Control	: Existent
Voltage	: AC 220V
Operating Temperature	: -20 ~ 80 °C
Bulb Life Expectancy	: 8000
Space of disinfection	: 50-80m <sup>2</sup>
Case	: Metal
Control	: Existent
Timing	: Existent

## Adorel **ADO-UV-BZ100**

08



Wavelength	: 253.7nm
Watt	: 100W
Material	: Metal + Quality ABS
Operating Temperature	: (°C): -20 ~ 80 °C
Incidence Block	: 360 °
Input Voltage	: 220V
Timer	: Existent



Motion sensor models are selected especially for UV devices used in HOME and OFFICES.

The risk in public areas is vital for both staff and guests.

In common areas, UV devices are installed once and put into operation within specified time intervals. For administrative and private areas, a healthy and safe environment is created by using motion sensor and portable models.

## What measures has **China** taken and has reduced causes **to Zero ?**



Ultraviolet sterilization products were quickly used in homes, offices and indoors.



Personal sterilization practices were provided at entrances with human density in factories, in closed public spaces.



The use of masks has become mandatory in all living spaces.