

HOLTOP

2020
NEW
PRODUCT

Fresh Air Disinfection Box to Fight Virus



Holtop fresh air disinfection box,
a great weapon in the fight for cleaner
air and better health

Beijing Holtop Air Conditioning Co., Ltd.
info@holtop.com www.holtop.com

Medical UVC germicidal lamp



HOLTOP customized ultraviolet germicidal lamp can concentrate high intensity to kill bacteria and viruses in a short time.

The wavelength of 254nm is easily absorbed by living organisms.

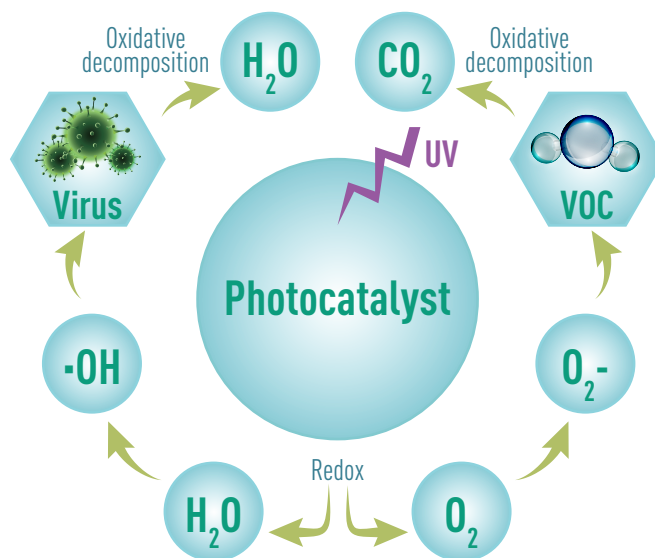
The DNA or RNA, which acts on the organism's genetic material, destroy the DNA/RNA to kill the bacterial and virus.

12000 HOURS
Average lamp lifetime to 12000 Hours

UV<25%
Low UV depreciation: less than 25%, after 8000 hrs working time, the lead of domestic products.

Medical Photocatalytic Filter

The germicidal UVC light irradiates the photocatalytic material (dioxigentitanium oxide) to combine water and oxygen in the air for photocatalytic reaction, which will quickly produce high concentration of advanced germicidal ion groups (hydroxide ions, superhydrogen ions, negative oxygen ions, hydrogen peroxide ions, etc.). The oxidizing and ionic properties of these advanced oxidation particles will decompose the chemically harmful gases and odors quickly, subside the suspended particulate matters, and kill the microbial contaminants such as viruses, bacteria, and mold.



Features

(1) Efficient inactivation

Kill the virus in the air in a short time, greatly reducing the possibility of virus transmission.

(2) Full initiative

A variety of purification ions are generated and emitted to the entire space, and various harmful pollutants are actively decomposed, which is efficient and comprehensive.

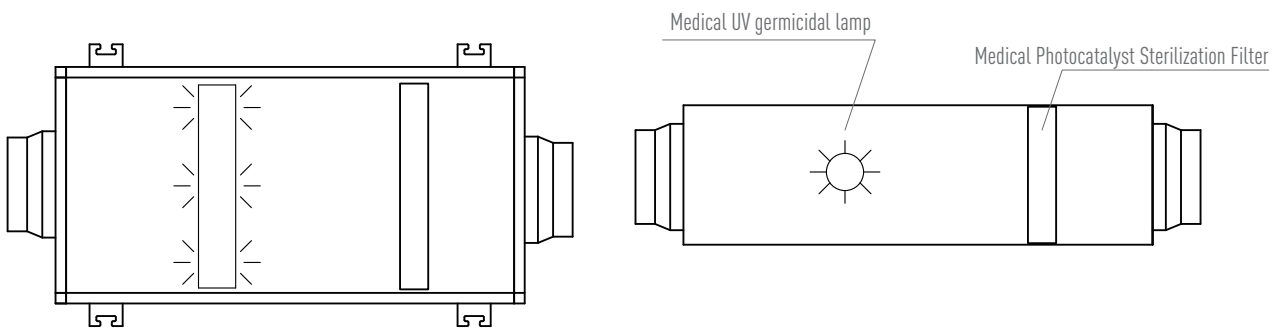
(3) Zero pollution

No secondary pollution and zero noise.

(4) Reliable and convenient

(5) High quality, convenient installation and maintenance

Application: residential house, small office, kindergarten, school and other places.



Specifications

Model	Disinfectant airflow (m³/h)	Power (W)	Duct diameter (mm)	Access port size (mm)	Machine size (W*H*D)	Weight (KG)
HUV-100	≤ 400	4	∅ 98	400x400	400x330x200	5
HUV-200	≤ 800	4	∅ 194	500x500	602x460x270	10
HUV-250	≤1300	6	∅ 242	550x550	650x520x388	12

Installation instructions

1. Fresh air disinfection box can be used in conjunction with energy recovery ventilator, and work together with interlock control.
2. Fresh air disinfection box can sterilize the outdoor or indoor polluted air.
3. Fresh air disinfection box is recommended to be installed on the air supply and exhaust ducts first.
4. Both ends of fresh air disinfection box need to be connected to the main pipe with hoses.