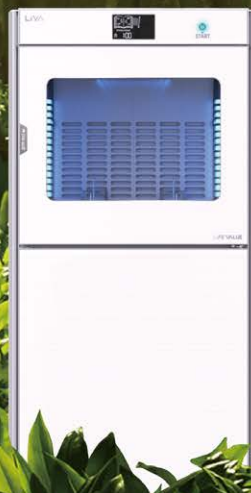
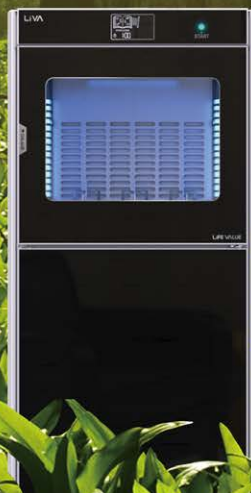


LIVA

COVERGOLD

Book sterilizer Air sterilizer & deodorizer



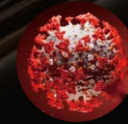
Why people need to use book sterilizers?

Library books are well adapted for carrying pathogens, such as SARS-CoV-2, influenza virus (H1N1), bacillus colon, mold, dust, etc.

Chemicals such as ammonia, formaldehyde or xylene produced during book fabrication are known as fatal material causing cancer.

Bookworms encroach the books and even result in skin diseases to readers.

Common bacteria in the books



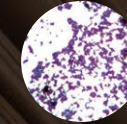
covid-19



H1N1 influenza
virus



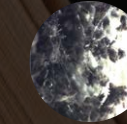
book worms



bacteria



escherichia coli



mould

Advantages of LIVA book sterilizer



Sterilization rate is above 99.9% in 1 minute

Proved 99.99% sterilization of Human Coronavirus in 1 minute.



Low noise

Dual aluminium cavity reduces the running noise to less than 50dB



Internal air circulation system

Preventing the pollution brought by the air outside. Accordingly, the lifespan of filters will be extended.



Customers' satisfaction is our eternal pursuit

The screwless assembling of consumable parts enables the convenient replacement. Each detail is meticulously designed.

Advantages of LIVA book sterilizer



Tempered glass window

Prevent the penetration of UV-C and protect user's safety



Safety protection sensor

The sensor can force the UVC lamps to go off immediately once the door of sterilization chamber is opened.



Functional screen

The instantaneous state of the machine is obtainable—remaining time for present sterilization, usage times and accumulative service time.



Adjustable of sterilization time

It is suggested to set the sterilization time at 60s and it can be adjusted by 10s.

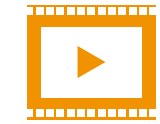
LIVA book sterilizers,
a perfect combination with libraries

LIVA serials

Ideal library facility
Well tailored to fit the library settings



High-end smart mirror models
Unique scenery of modern library



Advertising screen
It can be applied to deliver news,
pictures and videos for libraries.



LBS MODELS

- 1) **9.7-inch advertising screen**
Broadcast news, pictures and videos
- 2) **5.1-inch functional screen**
Show the instantaneous status of the machine
- 3) **Digital Touch button**
The sterilization process can be initiated by a light touch
- 4) **UV-C lamp**
UV-C lamps radiate at 254 nm, which have the optimal sterilization effects
- 5) **Anti-UV tempered glass & Visual window**
It is resistant to external forces and the radiation of UV-C light will be blocked.
Users can directly observe the sterilizing process and the consciousness of cherishing books will be cultivated.
- 6) **Semi-Automatic book-shelf**
The design of the semi-automatic longitudinal book-shelf enables the easily fixation of books differ in thickness.
- 7) **Sensor**
Once the chamber door is opened during sterilizing process, the UV-C lamps will automatically turn off.
- 8) **Machine room**
Main board, fan, filter, etc
- 9) **Moving wheel**
The moving wheel can be fixed by rotating after installation.



EBS MODELS

- 1) **5.1-inch functional screen**
Show the instantaneous status of the machine
- 2) **Digital Touch button**
The sterilization process can be initiated by a light touch
- 3) **UV-C lamp**
UV-C lamps radiate at 254 nm, which have the optimal sterilization effects
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- 7) **Machine room**
Main board, fan, filter, etc
- 8) **Moving wheel**
The moving wheel can be fixed by rotating after installation.



LIVA LBS models (LBS 301/601)



LBS301



LBS601

Specifications	660(W) x 520(D) x 1470(H)mm	660(W) x 620(D) x 1470(H)mm
Weight	90kg	100kg
Power consumption	220V, 60Hz, 130W	220V, 60Hz, 220W
Color	Mirror	Mirror
Material	Environmentally-friendly aluminium	Environmentally-friendly aluminium
Way of sterilization	Sterilization by UV-C	Sterilization by UV-C
Quantity of books to be sterilized	3 books	6 books
Quantity of UVC lamps	6 pieces of uvc lamps(10w)	10 pieces of UVC lamps(10w)
Moving wheels can be mixed	Moving wheels can be fixed	Moving wheels can be fixed
Suggested sterilization time	1 minute	1 minute
The way of start	One-button start	One-button start
Function screen	5,1 inch function screen	5,1 inch function screen
	9,7 inch advertisement screen	9,7 inch advertisement screen

LIVA EBS models (EBS 301/601)



	EBS301	EBS601
Specifications	660(W) x 490(D) x 1420(H)mm	660(W) x 590(D) x 1420(H)mm
Weight	80kg	95kg
Power consumption	220V, 60Hz, 120W	220V, 60Hz, 210W
Color	White/Black	White/Black
Material	Environmentally-friendly	Environmentally-friendly
Way of sterilization	Aluminium sterilization by UV-C	Aluminium sterilization by UV-C
Quantity of books to be sterilized	3 books	6 books
Quantity of UVC lamps	6 pieces of uvc lamps(10w)	10 pieces of UVC lamps(10 w)
Moving wheels can be mixed	Moving wheels can be fixed	Moving wheels can be fixed
Suggested sterilization time	1 minute	1 minute
The way of start	One-button start	One-button start
Screen	5,1 inch function screen	5,1 inch function screen

Dangers of Indoor Air Pollution

The Ministry of Environment reports that people spend approximately 90% of their time indoors. Numerous forms of indoor air pollution are possible in public library, hospital, school, etc. According to the Act of Prevention of Odor (Feb, 2005), small particles exert terrible effects on people's respiratory and digestive system.

The odors not only bring about mental stress to people, but also induce a series of physical discomfort, such as headache, vomiting, insomnia, the deterioration of olfactory, the elevation of blood pressure, the abnormal development of the reproductive system, etc.

Air purification, sterilization and deodorization, all in one air care system.

Indoor air pollutants are invisible to us, but the threats they pose to the public health cannot be ignored.

They can be placed into two groups, biologic and chemical.

However, air purifier has barely any effect on biologic pollutants.

LIVA air sterilizer&deodorizer can remove dust, kill harmful microorganisms and eliminate odors at a time.

Advantages of air sterilizer&deodorizer



Purification

Triple filtration system : Primary filter, activated carbon filter, HEPA filter(H13).



Deodorization

Activated carbon filter : Absorbs formaldehyde, benzene, etc.

The TiO₂-based photocatalysts : Oxidize organic and inorganic compounds.



Sterilization

The TiO₂-based photocatalysts : Fitted with four sterilization modules, the air flow will be sterilized for 6 times.

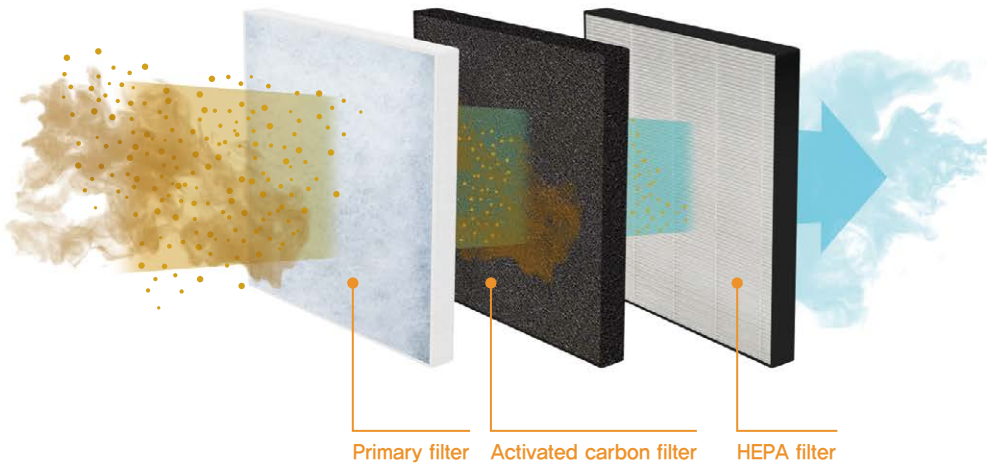
The zigzag design of the sterilization chamber increases the reaction time between hydroxyl radicals (OH) and air pollutants.

The sterilization of Human Coronavirus can reach 99.99% in 1 minute.

Disinfection by titanium oxide is three times stronger than chlorine, and 1.5 times stronger than ozone.

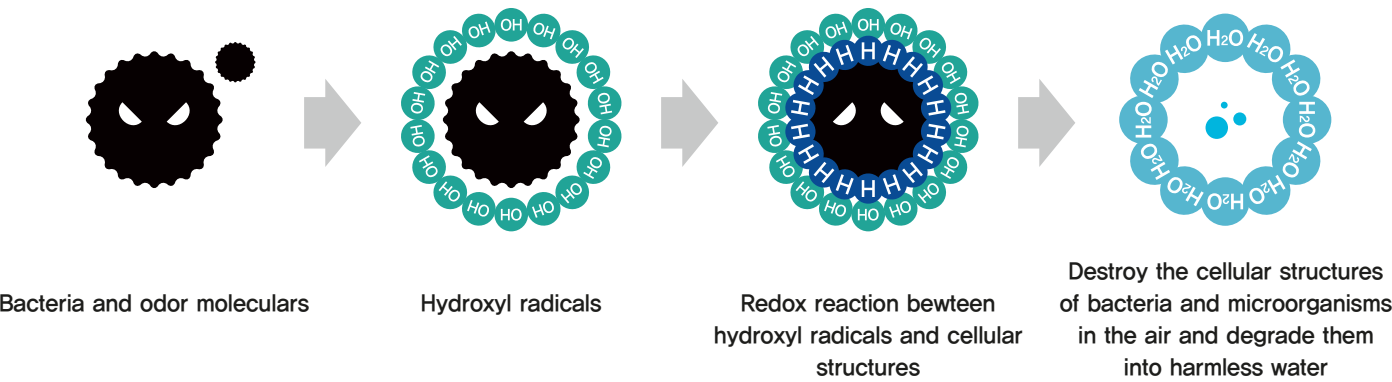
Three step purification

- Primary filter: Eliminates large particles, like dust, hair, pollen, etc.
- Activated carbon filter: Removes harmful chemical pollutants and absorbs odor.
- HEPA filter (H13): Traps microscopic dust(PM2.5)

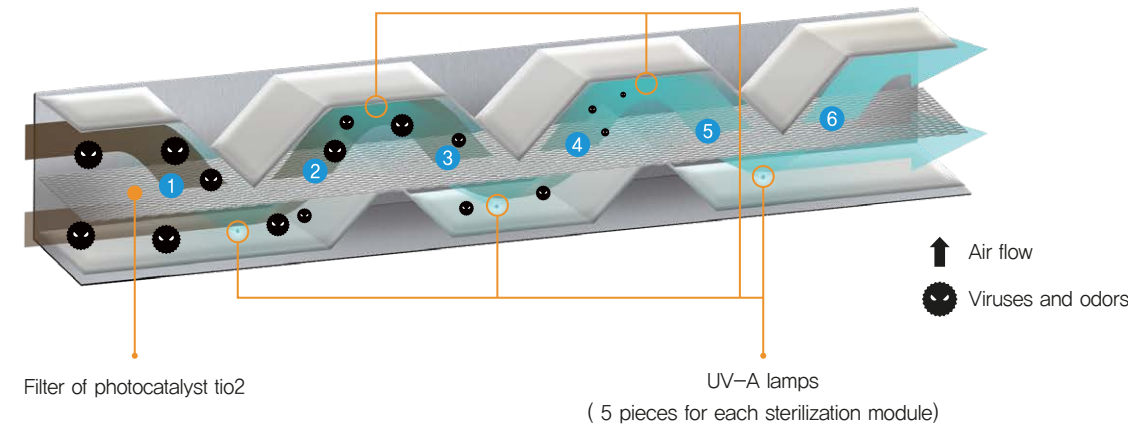


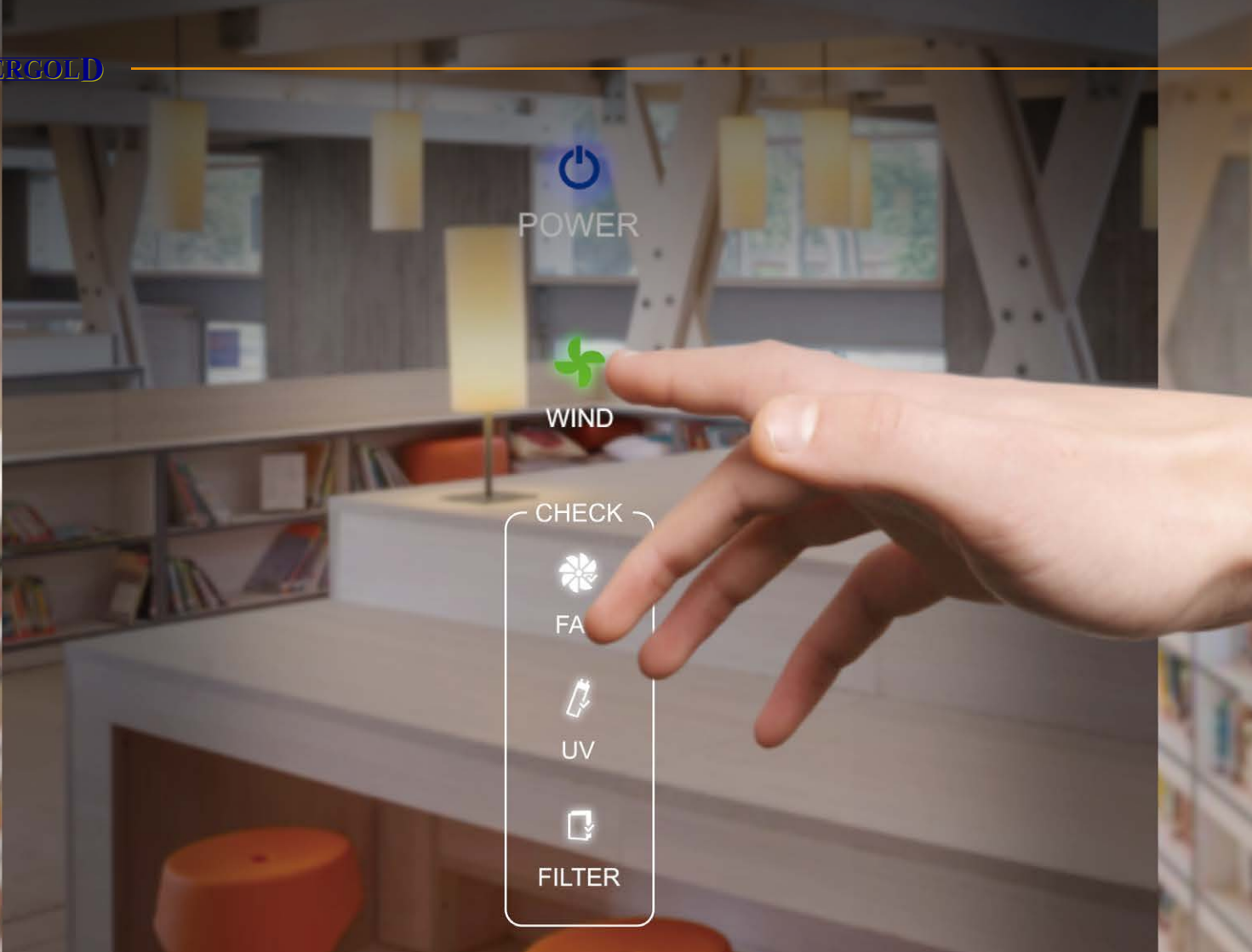
Sterilization and deodorization

Irradiated by the UV-A, titanium dioxide(TiO2) will generate the high reactive hydroxyl radicals (OH).
The high reactive hydroxyl radicals (OH) accelerate the breakdown of any Volatile Organic Compounds by destroying the molecular bonds.
This will help combine the organic gases to form a single molecule that is not harmful to humans.
Meanwhile, the reactive species will cause deleterious alterations in cellular structure, microbial inactivation and possible destruction.



Fitted with four sterilization modules, the air flow will be sterilized and deodorized for as many as six times.





Digital touch button

Initiation by a light touch

Wind-force

4 indicator lights correspond to four-stage of wind-force.



Replacement notification

The indicator lights will flash to remind users to replace Filter/sterilization modules and check fan failure.



LAS MODELS

- 1) **Three outlets(front, left and right sides)**
Release fresh air
- 2) **43–inch advertising screen**
Broadcast videos, pictures, and news
- 3) **LED signal**
Check whether the machine is connected to the power supply
- 4) **Notification**
Indicator lights will flash to remind users to replace filter system/sterilization modules and checkfan failure.
- 5) **15.6–inch screen**
Broadcast company logo, pictures, videos,etc
- 6) **Air intake and fresh air releasing**
Clean air will be released after purifying, sterilizing, and deodorizing
- 7) **Sterilization module**
Sterilization & deodorization
- 8) **Control panel**
Operation and location of main parts
- 9) **Air sterilization and deodorization**
Primary filter/activated carbon filter/HEPA H13
- 10) **Moving wheels can be fixed**
Convenient to move. Fitted with a stopper, it can be fixed after installation



EAS MODELS

- 1) **Three outlets(front, left and right sides)**
Release fresh air
- 2) **LED signal**
Check whether the machine is connected to the power supply
- 3) **Notification**
Indicator lights will flash to remind users to replace filter system/sterilization modules and checkfan failure.
- 4) **Air intake and fresh air releasing**
Clean air will be released after purifying, sterilizing, and deodorizing
- 5) **Sterilization module**
Sterilization & deodorization
- 6) **Control panel**
Operation and location of main parts
- 7) **Air sterilization and deodorization**
Primary filter/activated carbon filter/HEPA H13
- 8) **Moving wheels can be fixed**
Convenient to move. Fitted with a stopper, it can be fixed after installation





COVERGOLD

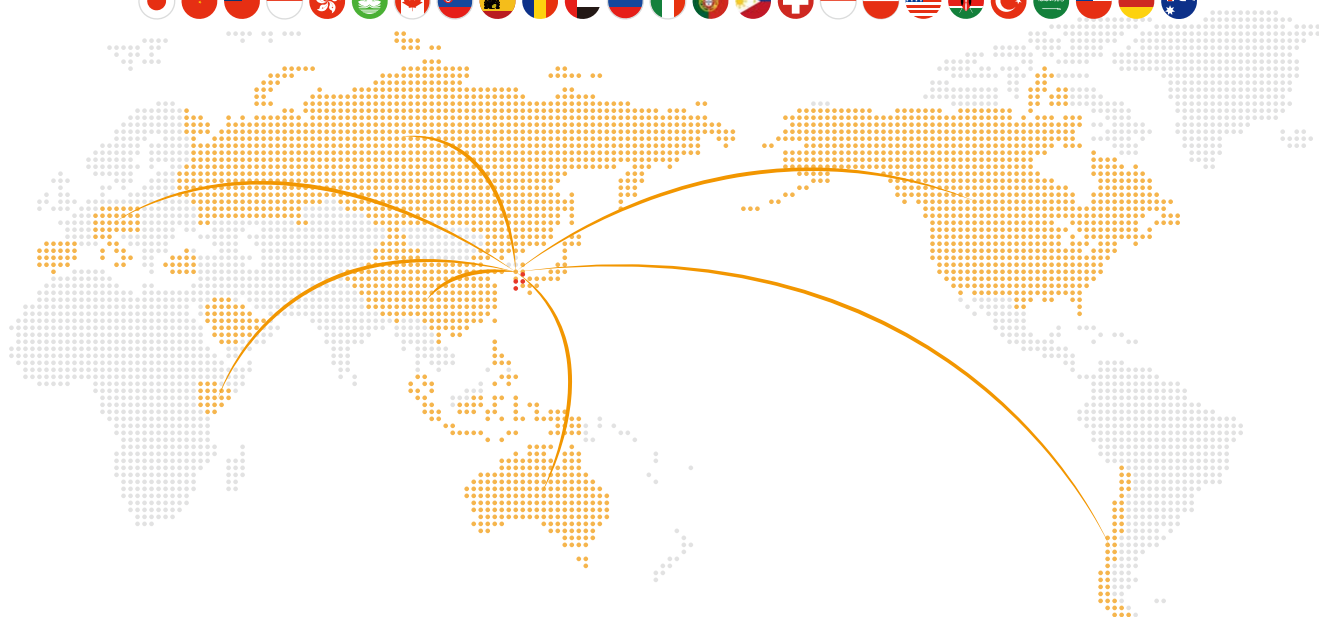
LIVA air sterilizer & deodorizer



LIVA

	EAS501	LAS1001
Specifications	340(W) x 360(D) x 1790(H)mm	640(W) x 360(D) x 1800(H)mm
Weight	67kg	115kg
Intended area	165.3m2	330.6m2
Power consumption	220V, 60Hz, 70W	220V, 60Hz, 220W
Color	White / Mirror	Mirror
Material	Environmentally-friendly aluminium	Environmentally-friendly aluminium
Moving wheels	Moving wheels can be fixed	Moving wheels can be fixed
Air supply	Three outlets (front, left, right side)	Two air fans/three air outlets(front, left and right)
Purification	Combined filter(prime filter, activated carbon filter and HEPA 13 filter)	2 sets of combined filter(prime filter, activated carbon filter, HEPA filter)
Sterilization & deodorization	Sterilization modules(20 pieces of UV-LED light, 8 pieces of photo catalyst)	2 units of sterilization modules(40 pieces of UV-LED lamps,
	activated carbon filter	16 pieces of photocatalyst)/activated carbon
way of operation	One-button start	One-button start
	Power reminder: LOGO light	Power reminder: LOGO light
Reminder	Operation: Four indicators stand for different scale of wind force	Operation: Four indicators stand for different scale of wind force
	Inspection : The fault indicator(Fan/UV/Filter) is on to remind customers to replace	Inspection : The fault indicator(Fan/UV/Filter) is on to remind customers to replace
	filter/sterilization modules or check fan failure	filter/sterilization modules or check fan failure
Screen	—	43-inch advertising screen on upper parteaders.
Sound system	—	2 units of speaker, 5w, sound therapy

World Wide LiVA



COVERGOLD

Covergold

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