

# 2022



# Technology of Protection



**NEW CENTURY**  
SUPPLIES & ENGINEERING LTD.

# Our Clients & Partners





“This is not for **CHOICE**, this is **ESSENTIAL**”

# AIRWIN UV Air Sterilizer

## Pure Air Pro X CTP-AW-X1

# Fresh

& clean air is always needed, Pure Air Pro X is designed the build-in HEPA filter, UVC, TiO<sub>2</sub> & titanium dioxide with no chemical release for the high air quality improvement

Normally we breath 24,000 times everyday which air quality is critical to our health. Maintaining good air quality could reduce the risk of allergies, asthma and respiratory problems, for better living.

Pure Air Pro X IAQ can efficiently remove particles, allergens, TVOC, germs, Virus, as well as pollen & irritating substances.



### NO CHEMICAL

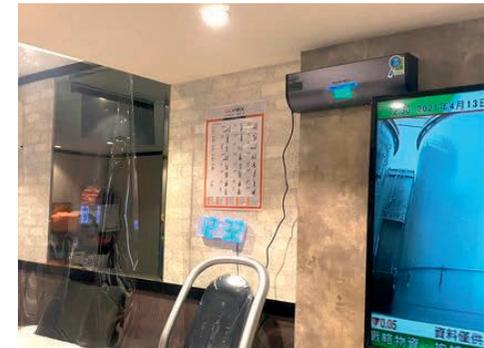
Disinfecting by  
HEPA high filtration filter  
Photo ionization  
UVC disinfection

### READABLE EFFECT

Build-in continuous air  
quality monitoring  
system

### EFFECTIVENESS

>90% TVOC is cleared in  
an hour, filtration up to 99%  
0.02um airborne particle



# AIRWIN UV Air Sterilizer

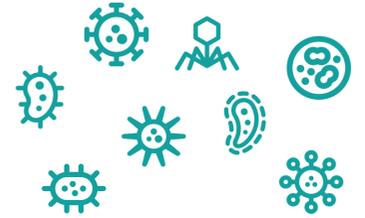
## CTP-AW-X1

### TiO2 & Titanium dioxide

Titanium dioxide is energized by UVC light, electrons are released from its surface. The electrons react with the water particle in air and turn into hydroxide ions. These small agile ions then attack organic molecules and burn it by oxidation

### UVC & Photoplasma

When UVC lights on the particle in the air lead to ionization. Captured airborne pollutant and dissolve it into carbon dioxide and water molecule process which oxidize bacteria and virus and achieve disinfection



**A+ Fresh Air**

**Polluted Air**

### IAQ Monitoring

Professional sensors keep monitoring the air quality, showing both reading PM2.5 and TVOC in turn, it provides real time data for selection appropriate purifying mode and air speed

### HEPA Filter

HEPA filtration effectively removes airborne viruses, bacteria, spores, and mold which up to 2.5um





# CLEARWIN

The First Escalator Handrail Sterilizer  
Using UVGI In The World

**>99.99%**

UV sterilization most suitable for handrails. Effectiveness sterilizes all bacteria.

Clearwin Korea's sanitizer lamp is custom made by us has a big difference with illegally copied products. Please note that our lamp is the world's first ever UV-C lamp to be able to eliminate COVID19 virus 99.99%.

## NON-POWERED

Eco-friendly self-generation system, no need external energizer

## QUALIFICATION

International testing qualifications and certifications



## SAFETY

Qualified by international independent safety science organizations



# Sticker



此扶手帶正使用  
韓國CLEARWIN扶手帶紫外線  
消毒殺菌器進行消毒

This handrail is sterilising by  
CLEARWIN Korea escalator  
handrail UV sterilizer

能有效殺滅 **>99.99%\***  
**CAN KILL** **新型冠狀病毒 COVID-19**

\*根據Jeonbuk National University對CLEARWIN的新型冠狀病毒實驗檢測報告使用7秒後的結果  
\*According to the Test Report from Jeonbuk National University the result of used for 7 seconds







# CLEARWIN in Hong Kong

## Locations Installed Clearwin

### Shopping Mall:

- LEE GARDEN 利園
- HYSAN PLACE 希慎廣場
- NEW TOWN PLAZA 新城市廣場
- NINA MALL 如心廣場
- INFINITUS PLAZA 無限極廣場
- SHUN TAK CENTRE 信德中心
- PARK CENTRAL 將軍澳中心 (AUG)

### Commercial Building:

- ONE ISLAND EAST 港島東中心
- TAIKOO PLACE 太古坊
- CITI TOWER 花旗大樓
- INTERNATIONAL TRADE TOWER 國際貿易中心
- KERRY CENTRE 嘉里中心
- ONE HENNESSY 軒尼詩道1號
- TWO CHINACHEM CENTRAL 華懋中心II期

### Government Property:

- CIVIL AVIATION DEPARTMENT 民航處 (EMSD)
- HONG KONG POLICE HEADQUARTER 香港警察總部 (EMSD)
- QUEEN ELIZABETH HOSPITAL 伊利沙伯醫院 (HA)

### Hotel:

- THE PARK LANE HONG KONG A PULLMAN HOTEL 柏寧酒店

## Clearwin Korea Official Projects

### Shopping Mall:

- K11 MUSEA 人文購物藝術館
- APM 創紀之城五期
- Elements 圓方
- D-PARK 愉景新城
- PARK CENTRAL 將軍澳中心
- METRO PLAZA 新都會廣場
- FESTIVAL WALK 又一城
- LIBERTÉ 昇悅居
- CHUANG'S LONDON PLAZA 莊氏倫敦廣場
- INFINITUS PLAZA 無限極廣場
- THE WESTWOOD 西寶城

### Commercial Building:

- CHINA TAIPING TOWER 中國太平大廈
- IFC 國際金融中心
- SUN HUNG KAI CENTRE 新鴻基中心
- MANULIFE TOWER 宏利大廈
- 238 NATHAN ROAD 彌敦道238號
- ONE PACIFIC CENTRE 1亞太中心
- CLP Headquarter 中電總部

### School:

- VICTORIA INTERNATIONAL NURSERY 維多利亞國際幼稚園

### Government Property:

- TSUEN WAN SPORT CENTRE 荃灣體育館



# ClearTech PURE A9

## CTP-AP-A9



- **HEPA H13 High Filtration Nano Filter**

- Remove dust, No tiny pollen & allergen, No Formaldehyde, Filtration up to 99.99% 0.3um

- **Deep UVC Disinfection System**

- DNA destroy of the Bacteria, Virus, Germs

- **Activated Carbon Filter**

- Effectively filters out odors and a wide spectrum of harmful gases including formaldehyde.

- **Disinfection Atomizer**

- Suitable for Sanitization and purification of air for indoor area

- **APP Control**

- APP control >20 devices in one time, and also can monitor all the devices and their area air quality (Option)

- **Realtime Smart IAQ Monitoring**

- Professional sensors keep monitoring the air quality, showing both reading PM2.5 in turn, it provide real time data for selection appropriate purifying mode and air speed



# SMART AIR PURIFIER

## ClearTech PURE A9 CTP-AP-A9

**Smart** & quality air purifier with a very high standard that can manage your machines and monitoring the air quality by a simple mobile APP

ClearTech PURE A9 is smart air purifier with HEPA, UVC, Activated Carbon function which can efficiently remove particles, allergens, TVOC, germs, Virus, as well as pollen & irritating substances for a large area up to 1500 sq.ft.. And you can easily control and monitor several devices by an mobile APP.

### NO CHEMICAL

Disinfecting by  
HEPA high filtration filter  
Photo ionization  
UVC disinfection



### READABLE EFFECT

Build-in continuous air  
quality monitoring  
system



### SMART

In the smart app, you can  
easily control all your  
machines and monitor the  
air condition on your phone



# ClearTech PURE A9

CTP-AP-A9



## 1. Pre-filter

Pre-filter's purpose is to capture larger particles like dust and hair, preventing them from clogging the HEPA filter

## 2. Deep UVC Disinfection System

UVC light destroys the molecular bonds that hold together the DNA of viruses and bacteria, including "superbugs," which have developed a stronger resistance to antibiotics

## 3. Activated Carbon Filter

Effectively filters out odors and a wide spectrum of harmful gases including formaldehyde

## 4. HEPA High Filtration Nano Filter

HEPA filtration effectively removes airborne viruses, bacteria, spores, and mold which up to 99.99% 0.3um

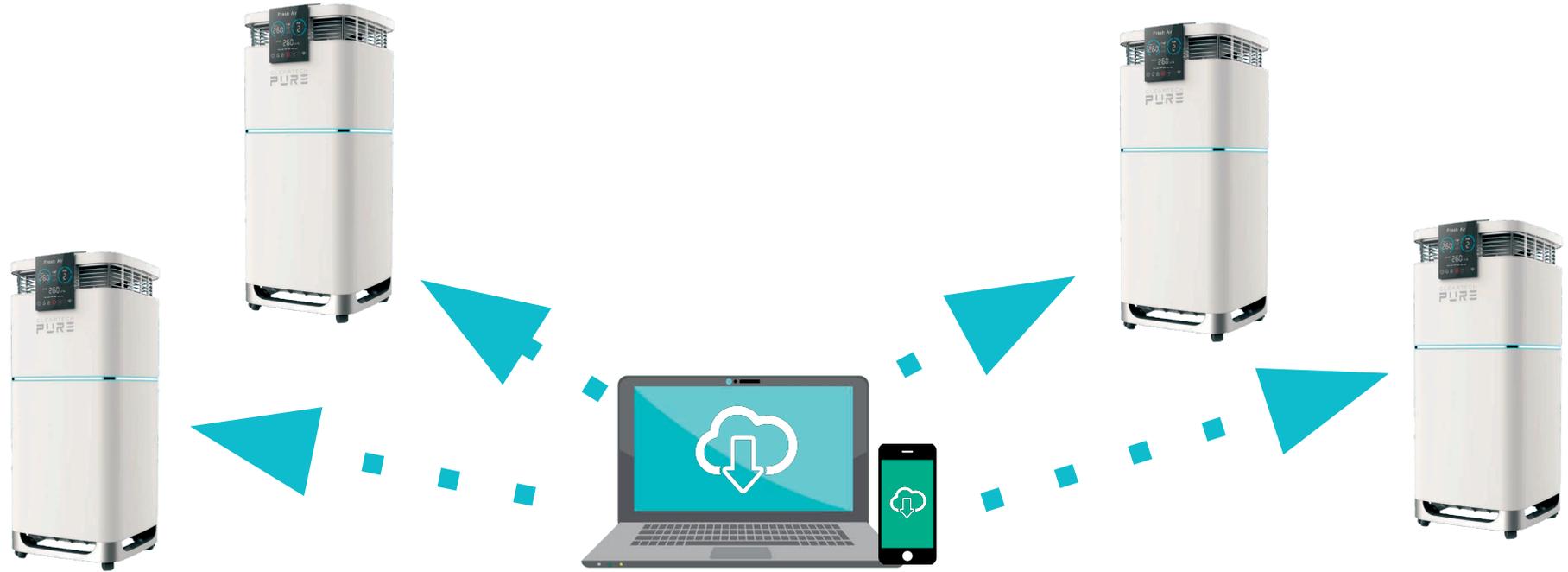
## 5. Disinfection Atomizer

Suitable for Sanitization and purification of air for indoor area, to enlarge the serving area and also the effect of disinfection



# ClearTech PURE A9

CTP-AP-A9



Cloud management APP system allows you to remotely maintain and manage your device and monitor the air quality condition from each device





# CTP DISINFECTION STATION

CTP-SL-DMv2

## 7sec

quick process to sanitization of with hands, body, and legs. It is slim and easy to apply for different areas.

CTP disinfection machine is designed for sanitization at the entrances of buildings, shopping malls and residential areas. It is easy to use with quick process, and customer can match with different solutions for different results.

It can be wrapped in different designs, colours, with location logo.

And also there is a LED display for the advertisements, promotions or notifications.

### SIMPLE & SAFE

Turn on the machine by sensor, no physical contact



### FULL BODY COVERAGE

3 spraying holes design for hands, body and legs



### QUICK PROCESS

The whole process is only 7sec, it can be adjusted





# References

## Smart Disinfection Station

### Shopping Mall:

- APM 創紀之城五期
- V CITY
- YOHO MALL 形點
- NEW TOWN PLAZA 新城市廣場
- GRAND CENTRAL PLAZA 新城市中央廣場
- GRAND CENTURY PLACE 新世紀廣場
- METROPLAZA 新都會廣場
- V WALK
- EAST POINT CITY 東港城
- POPWALK 天晉匯
- TSUEN WAN PLAZA 荃灣廣場
- LANDMARK NORTH 上水廣場
- METROPOLIS PLAZA 新都廣場
- TAI PO MEGA MALL 大埔超級城
- CHELSEA HEIGHTS SHOPPING CENTRE 卓爾居廣場
- CHI FU LANDMARK 置富南區廣場
- NEW JADE SHOPPING ARCADE 新翠商場
- NEW KOWLOON PLAZA 新九龍廣場
- YUEN LONG PLAZA 元朗廣場
- UPTOWN PLAZA 新運廣場
- MIKIKI 譽港灣商場
- K POINT 錦薈坊商場
- TSUEN KAM CENTRE 荃錦中心
- HONG KONG PLAZA 香港商業中心
- HARBOUR NORTH 北角匯
- D-PARK 愉景新城
- TUEN MUN TOWN PLAZA 屯門市廣場
- OLYMPIAN CITY 奧海城
- CITYWALK 荃新天地
- NINA MALL 如心廣場
- CORONATION CIRCLE 中港薈

### Commercial Building:

- ICC 環球貿易廣場
- SUN HUNG KAI CENTRE 新鴻基中心
- KOWLOON COMMERCE CENTRE 九龍貿易中心
- WORLD TRADE CENTRE 世界貿易中心
- EXCHANGE TOWER 國際交易中心
- SKYLINE TOWER 宏天廣場
- TSIM SHA TSUI CENTRE 尖沙咀中心
- SINO PLAZA 信和廣場
- W LUXE 石門安耀街5號
- 18 KING WAH ROAD 京華道18號
- CAPITAL CENTRE 資本中心
- SKYLINE TOWER 宏天廣場

### Government Property:

- TSUEN WAN SPORT CENTRE 荃灣體育館 (LCSD)

### Residential:

- PACIFIC PALISADES 寶馬山花園
- MADISON PARK 一號九龍道

### School:

- UNIVERSITY OF HONG KONG 香港大學

### Hotel:

- HARBOUR GRAND KOWLOON 紅磡海逸君綽酒店

### Restaurant:

- LE PINACLE 尚品薈
- MR WOLF
- VILLA 26
- HOI WON TEE 海雲天

### Others:

- HONG KONG HEALTH CHECK CENTRE 香港體檢中心
- THE PAVILIA FARM LAUNCH 柏傲莊 售楼处
- REGENCY BAY LAUNCH 御海灣 售楼处
- SANFILED BUILDING CONSTRUCTION SITE 新輝建築地盤
- CHUN FAI CONSTRUCTION SITE 駿輝建築地盤
- HONG HUAN GROUP 宏寰集團
- 扶康會麗瑤成人訓練中心 暨麗瑤之家
- 扶康會毅信之家
- 扶康會啟康之家
- 扶康會澤安成人訓練中心
- 香港善導會朗日居
- 青松護理安老院
- 香港盲人輔導會



SV-7200A (GY-A)



SV-7200A (GY-B)



CTP-DM-ST1



K9 PRO



# CTP Smart Hand Sanitizer Dispenser CTP-DM-ST1

## Smart

hand sanitizer dispenser is a multi-function machine with hand sanitizer dispenser, temperature detector, screen display and cloud managing advertising system

CTP Smart Hand Sanitizer Dispenser is one of your best measures to further enhance protection against the novel coronavirus. The measures are aimed at providing customers, tenants as well as staff with a safe, clean and comfortable shopping and working environment.

### HAND SANITIZER

Contact free sterilizer can dispense either drop liquid or spray



#### BonBon® 移動消毒器 (SV-7200A GY-A)

型號: SV-7200A GY-A

產品資料:

機身顏色: 白色 / 支架顏色: 灰色

支架尺寸: 300mm直徑底座 x 1300 mm全高

包括一部 BonBon 7200A (1000 ml) 消毒洗手液機

三種噴咀可供選擇 滴液/噴霧/泡沫

#### K9 PRO

升級款二合一自動感應紅外線測體溫儀消毒液機連腳架套裝, 人體溫度檢測器, 可坐枱使用

#### BonBon® 移動消毒器 (SV-7200A GY-B)

型號: SV-7200A GY-B

產品資料:

機身顏色: 白色 / 支架顏色: 灰色

支架尺寸: 300mm直徑底座 x 1432 mm全高

包括一部 BonBon 7200A (1000 ml) 消毒洗手液機

三種噴咀可供選擇 滴液/噴霧/泡沫

# CTP Smart Hand Sanitizer Dispenser

## CTP-DM-ST1



There is a notice will pop-up if the sanitizer is running out

**Lack of Hand**

**Sanitizer Status**

**Detection**



SUPPORT



Wall Mounted



Floor Standing



# Bin Solutions

- Image issue ?
- Hygiene ?
- Bin Size not appropriate?



## Bin Type

- Any bin with a lid can install bin management sensor



# Network

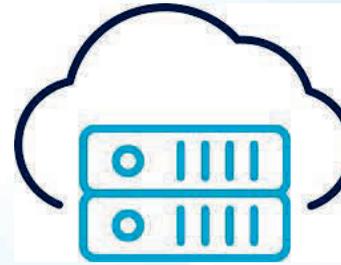
- LORA Wireless
- Whole Floor Coverage
- Gateway analysis
- Cloud storage
- User friendly user interface



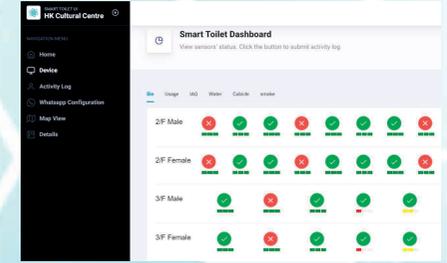
Gateway + End point



Wireless Network



Cloud



User Interface

# WhatsApp or Push Message

- Sensor can be set 1/3, 2/3 or 1/2 full for alert
- Once trigger sensor, Push message will be sent
- Front line or cleaning contractor will receive the message



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