




Acme Sanitary Ware Co Ltd

Acme Building, 22-28 Nanking Street, Kowloon, Hong Kong
Tel: 2388 7171 Fax: 2710 8012
E-mail: acme@acmesanitary.com.hk
Website: www.acmesanitaryware.com.hk

PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	1/4

SANITARY WARE SPECIFICATION SHEET

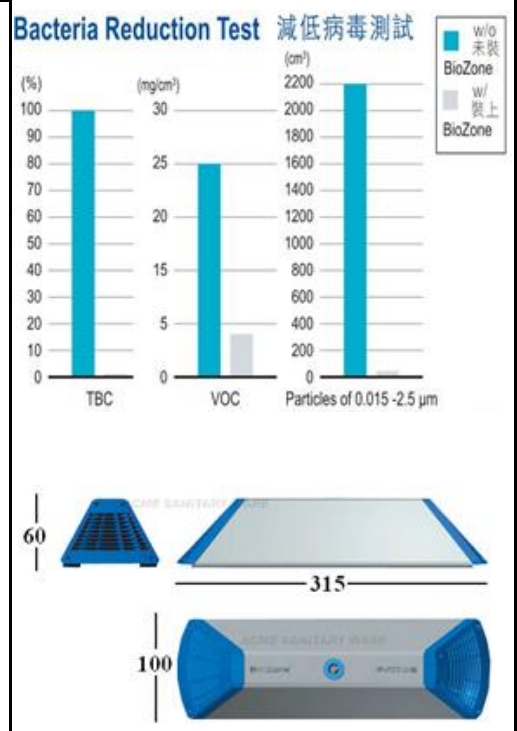
Item Descriptions	BioZone "ExcelZone" air purifier for elevator	 <p>Illustration/ Drawing</p> <p>BIOZONE SCIENTIFIC INTERNATIONAL</p> <p>Purified Air Zone</p> <p>LIFT</p>
Dimensions	L315 x W100 x H60 mm	
Model	EZ-5 / EZ-10 / EZ-20 / EZ-30	
Finish	Chrome Plated	
Manufacturer	BioZone Scientific International	
Supplier	Acme Sanitary Ware Co. Ltd Mr. Eric Wong/ Mr. Don Yuen	
Contact Tel/Fax E-mail Website	(852) 2388-7171 / (852) 2710-8012 acme@acmesanitary.com.hk www.acmesanitary.com.hk	

Function of air purifier (陽光涌系列空氣淨化器功能)
 Purifies with quintuple actions 五種淨化功能
 Destroys odor, bacteria, viruses, mold, fumes and other airborne impurities
 消除臭味、細菌、病毒、霉菌、煙汽及其它飄浮雜質

Advantages of air purifier (陽光涌系列空氣淨化器優點)
 Improve indoor air quality 改善室內空氣的質量
 Safer working and public environments 更加安全的工作及公眾環境
 Customers and staff satisfactions 顧客及員工稱心滿意
 Effective and advanced 有效及先進

BioZone Technologies (技術內容)
Photo Catalytic Oxidation process destroys VOC's catalytically on special surface material
 紫外線光觸媒用科學催化作用消滅吹過特殊物料上的揮發性有機化合物(VOC)
Photoplasma eliminates the reproductive capability of micro-organisms and reduces their number
 光離子簇破壞微生物的再生能力，大大減少它們的數量
Deep UV Light inside the machine sterilizes micro-organisms that pass through
 深紫外線清理經過設備內的微生物
Negative Ions decrease the total concentration of harmful chemicals and dilute the presence of positive ions in the air to produce a freshness feeling
 負離子減輕有害化學物質的濃度，也沖淡正離子的數目來產生一種清新的感覺
Ozone obliterates bacteria, viruses, fungi, and remove odor from the air
 臭氧消滅細菌、病毒、真菌、消除空氣中的臭味

Model No. 型號	EZ - 5, 10, 20, 30
Dimension 體積 (mm)	315x100x60mm
Net Weight 重量 (gm)	925g
Power Input 電源輸入	110-240V 50-60Hz
Power Adaptor 變壓器	12VDC
Limited Warranty 保養期	One Year 一年



Note:

* All information of the above is for reference only. No prior notice is made if any changes.



Acme Sanitary Ware Co Ltd

Acme Building, 22-28 Nanking Street, Kowloon, Hong Kong
Tel: 2388 7171 Fax: 2710 8012
E-mail: acme@acmesanitary.com.hk
Website: www.acmesanitaryware.com.hk

PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	2/4

SANITARY WARE SPECIFICATION SHEET

product name	ExcelZone (EZ-Series)			
model name	EZ-5	EZ-10	EZ-20	EZ-30
Area of application	-8 seater or less elevator -General residential environment 45m ²	-12 seater or more elevator -General residential environment 90m ²	-Large cargo elevator -General residential environment 180m ²	-Underground of large buildings Parking lot, electric room, disaster prevention room, Common room, manager's office, etc. -270m ² general residential environment



Kills

- Source of odors including airborne and surface micro-organisms such as bacteria and Viruses
- Mould and Fungi on exposed surface
- Volatile Organic Compounds (VOCs) in the air and on all exposed surfaces

Removes

- Removes particles from the air
- The air does not need to pass through the unit to sterilise facility

Recurring Problems in Communal Facilities

公眾場所持續的空氣問題

- Infectious micro-organisms 感染性的微生物
- Unpleasant odor 臭味
- Mold and harmful impurities 霉菌及有害的雜質
- VOC's from business and industrial environments 商業及工業環境中所產生的揮發性有機化合物

The ExcelZone Air Purifier

EZ 空氣淨化器

- Utilizes five types of purifying technology 五種淨化功能
- Destroys odor, bacteria, viruses, mold, fumes and other airborne impurities 消除臭味、細菌、病毒、霉菌、煙汽、及其它飄浮雜質
- Quiet and economical 寧靜、經濟
- No consumable chemicals, filters or scents used 不用有消耗性的化學物質、隔濾網或香料

The ExcelZone Advantages

EZ 的優點

- Improved indoor air quality 改善室內空氣的質量
- Safer and healthier public environments 更加安全的工作及公眾環境
- Decreased risk of allergies and diseases 減低過敏及疾病的危機
- No accumulation of impurities 沒有聚集的污染空氣

Note:

* All information of the above is for reference only. No prior notice is made if any changes.



Acme Sanitary Ware Co Ltd

Acme Building, 22-28 Nanking Street, Kowloon, Hong Kong
 Tel: 2388 7171 Fax: 2710 8012
 E-mail: acme@acmesanitary.com.hk
 Website: www.acmesanitaryware.com.hk

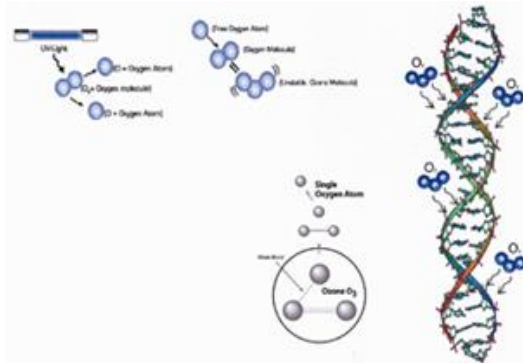
PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	3/4

SANITARY WARE SPECIFICATION SHEET

Advanced Technologies

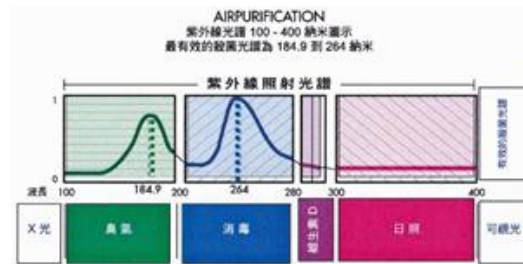
(1) Ozone 活性氧 O₃

Ozone is a strong oxidizing agent that effectively kills germs, virus and moulds as living organisms. It also remove chemical gases, VOC's and odors from air stream



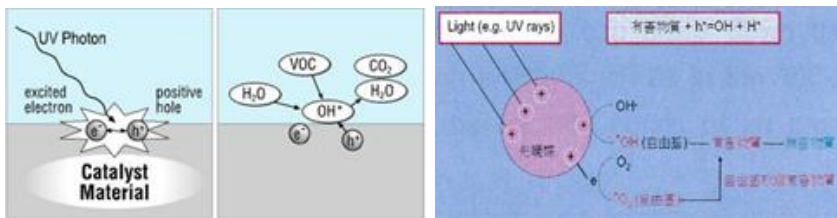
(2) Deep UV 深頻紫外線

Kill all virus and bacteria



(3) PhotoCatalytic Oxidation 光觸媒

Photo Catalytic Oxidation (PCO) process destroys VOC's catalytically on special surface material
 Functions: Kill germs & smell



Testing Result

CNRS H5N1 Testing: 法國國家科學研究中心H5N1測試:

Ref. DE082_2007 By CNRS
 測試報告編號 DE082_2007

Reduction of virus up to 99.9998% in less than 0.44 seconds.
 0.44秒內，病毒減低率達 99.9998%。



Dublin Test* 都柏林測試*:

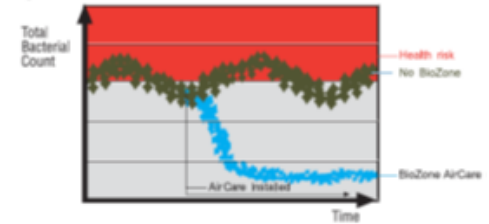
70% bacteria reduction in a real environment
 在實際環境下減少 70% 細菌



Agar plates incubated at 37°C for 48 hours for air samples taken in a sealed room [Series 1]: sample taken (a) before BioZone treatment, (b) after BioZone treatment.

在密封的房間、室溫在攝氏 37 度、用培養皿培養細菌 48 小時的測試結果：
 樣本 (a) 採用 BioZone 淨化器前；
 (b) 採用 BioZone 淨化器後。

Figure 1.



Note:

* All information of the above is for reference only. No prior notice is made if any changes.



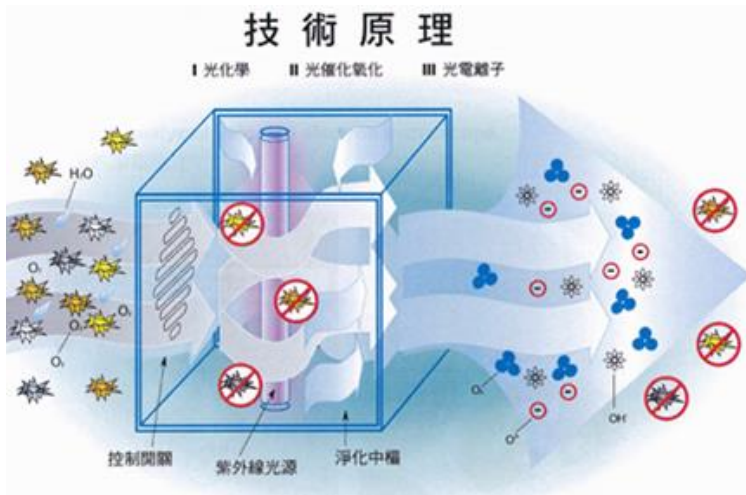
PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	4/4

SANITARY WARE SPECIFICATION SHEET

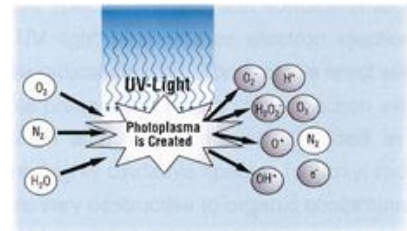
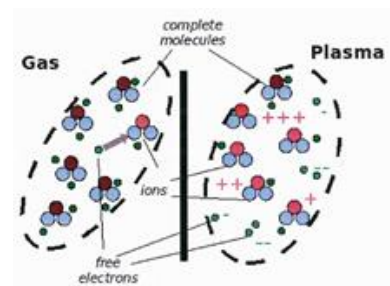
Advanced Technologies

(4a) BioZone
 Scientific's
 PureWave
 陽光科技獨有之
 PureWave 過程

Process removes contaminants from air and surfaces by combining two very powerful purifying technologies- PhotoPlasma and PhotoChemistry. The synergy of their interaction produces a unique and a superlative way of cleaning air and surfaces of contaminants



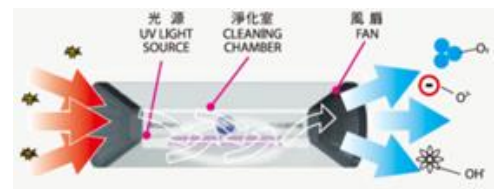
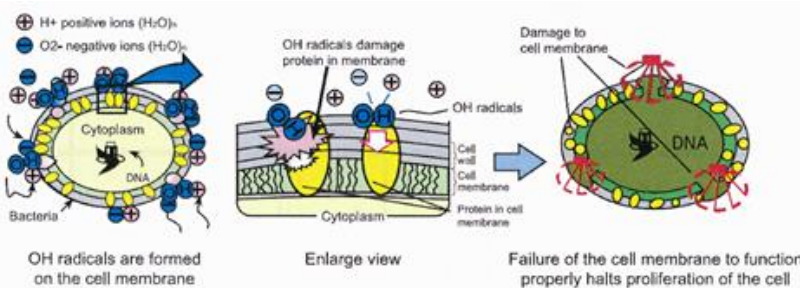
(4c) BioZone Irradiation Plasma
 光等離子簇



Plasma destruct microorganism's reproductive property

(4b) Reduction of biological contaminants by Photo Plasma
 光等離子的抑菌原理

The highly oxidative species hydroxyl radicals are ver destructive to organic contaminants because they steal hydrogen atoms from the organic materials, leaving decaying carbon ions. This entire process turns into a chain reaction the breakdown and formation of new hydroxyl radicals results in the continual decay of organic material



(5) Negative Ion 負離子

Reduce toxic chemical concentration & neutralize positive charged ion to produce a freshness feeling

Note: