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## SANITARY WARE SPECIFICATION SHEET

<p><b>Item Descriptions</b></p> <p><b>Model</b></p> <p><b>Dimensions</b></p> <p><b>Material</b></p> <p><b>Manufacturer</b></p> <p><b>Source</b></p> <p><b>Contact Tel/Fax</b></p> <p><b>E-mail</b></p> <p><b>Website</b></p>	<p>BioZone 'PR' genuine air purifier for homes and offices</p> <p>PR 10 / PR 20 / PR 30</p> <p>L269 x W101 x H218 mm</p> <p>Plastic</p> <p>BioZone Scientific International</p> <p>Ka Shing Enterprises (H.K.) Limited Mr. Ivan Lau / Mr. Gilman Yuen (852) 2628-0661 / (852) 2490-2700 project@kashingehk.com www.kashingehk.com</p>	<p><b>Illustration/ Drawing</b></p>   <table border="1" data-bbox="989 1758 1444 1982"> <tr> <td><b>Model No.</b> 型號</td> <td>PR 10/20/30</td> </tr> <tr> <td><b>Area Coverage</b> 覆蓋面積 (Sq.Ft.)</td> <td>≤ 500/750/1000</td> </tr> <tr> <td><b>Dimension</b> 體積 (mm)</td> <td>270(L)x230(W)x95(H)</td> </tr> <tr> <td><b>Net Weight</b> 重量 (gm)</td> <td>1555/1570/1590</td> </tr> <tr> <td><b>Power Input</b> 電源輸入</td> <td>12VDC</td> </tr> <tr> <td><b>Power Adaptor</b> 變壓器</td> <td>100-240V~50-60Hz</td> </tr> <tr> <td><b>Limited Warranty</b> 保養期</td> <td>One Year 一年</td> </tr> <tr> <td><b>Remote Controller</b> 遙控功能</td> <td>Yes 有</td> </tr> </table>	<b>Model No.</b> 型號	PR 10/20/30	<b>Area Coverage</b> 覆蓋面積 (Sq.Ft.)	≤ 500/750/1000	<b>Dimension</b> 體積 (mm)	270(L)x230(W)x95(H)	<b>Net Weight</b> 重量 (gm)	1555/1570/1590	<b>Power Input</b> 電源輸入	12VDC	<b>Power Adaptor</b> 變壓器	100-240V~50-60Hz	<b>Limited Warranty</b> 保養期	One Year 一年	<b>Remote Controller</b> 遙控功能	Yes 有
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<p><b>Function of air purifier (陽光通系列空氣淨化器功能)</b></p> <p>Purifies with quintuple actions 五種淨化功能</p> <p>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</p> <p>No need use consumable chemicals, filters or scents 不用有消耗性的化學、隔濾網或香料</p> <p><b>Advantages of air purifier (陽光通系列空氣淨化器優點)</b></p> <p>Improve indoor air quality 改善室內空氣的質量</p> <p>Healthier home and working environments 更加健康的家居及工作環境</p> <p>Easy to maintain and flexible use 容易保養及很多地方都適用</p> <p>Effective and advanced 有效及先進</p> <p><b>BioZone Technologies (技術內容)</b></p> <p>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)</p> <p>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</p> <p>Deep UV Light inside the machine sterilizes micro-organsims that pass through 深頻紫外線清理經過設備內的微生物</p> <p>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</p> <p>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</p>																		

**Note:**

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



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## 光等離子空氣淨化器

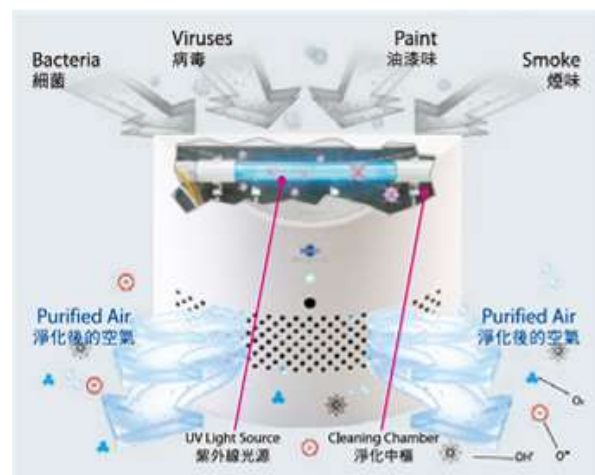
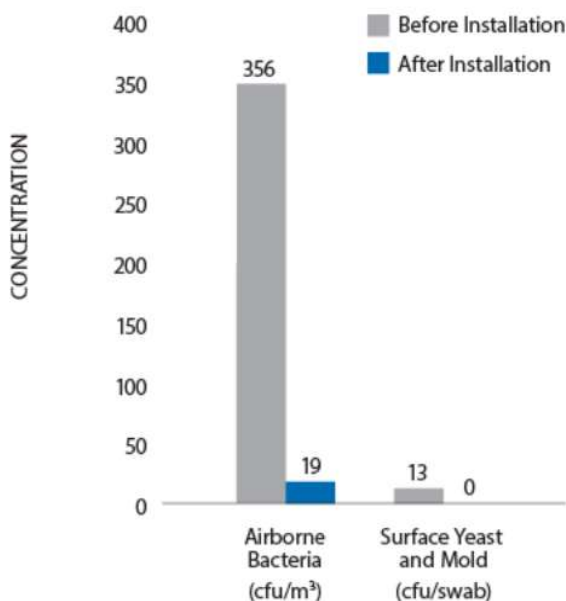
每個課室、活動室及洗手間等房間都已安裝了Biozone光等離子空氣淨化器，有效解決室內的污染問題，包括：揮發性有機化合物、空氣表面的細菌及病毒等，淨化室內空氣。



**聖雅各福群會麥潔蓮幼稚園**  
St. James' Settlement Kathleen McDouall Kindergarten  
**聖雅各福群會幼兒中心 (堅尼地道)**  
St. James' Settlement Child Care Centre (Kennedy Road)

## Case Study

There was bacteria concern in a medical clinic at Kornhill Plaza in Hong Kong. After installation of BioZone® device in the waiting area and offices, the bacteria levels and odor levels were significantly reduced.







# Ka Shing Enterprise (H.K.) Ltd.

ROOM 1706 NEW TERRITORIES TSUEN WAN HO LIK CENTRE, 66A SHA TSUI ROAD  
Tel:26280661 Fax: 24902700  
Email: project@kashingehk.com  
Website: www.kashingehk.com



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### Adjustable Levels

Three adjustable fan speeds for optimal use.  
Easy to operate and come with remote control.



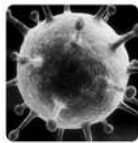
### Simple Setup and Maintenance

Simply plug in and turn on.  
Simple lamp replacement steps.



### Quiet Purification Fan

Silently draws air in and release PhotoPlasma™  
to clean and sanitize the PhotoPlasma™ air around.



Eliminates airborne and surface microorganisms



Decomposes volatile organic compounds (VOCs) and other organic compounds



Removes hazardous chemical gases



Reduces unpleasant odours

### 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



\* Ref no: V0273  
School of Biomolecular and Biomedical Science,  
University College Dublin,  
Belfield, Dublin 4, Ireland.  
\*都柏林大學測試報告

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。

### 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%。



Eliminate up to:

**99.48%**  
Airborne Bacteria

**99.99%**  
Surface Bacteria

**95.13%**  
TVOCs

**100%**  
Formaldehyde

\* Samples and tests were taken by third-party accredited laboratories.

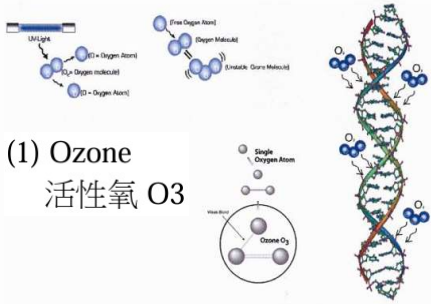
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Ozone is a strong oxidizing agent that effectively kills germs, virus and moulds as living organisms. It also remove chemical gases, VOC's and odors from air stream



Kill all virus and bacteria

(2) Deep UV  
 深頻紫外線

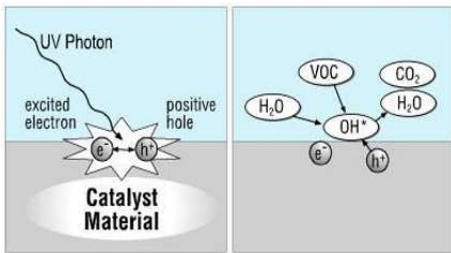
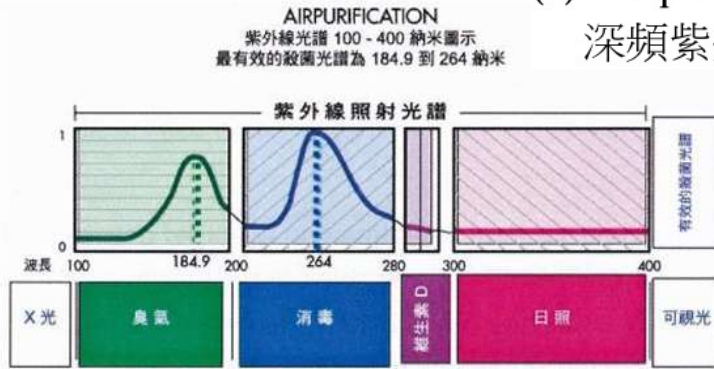
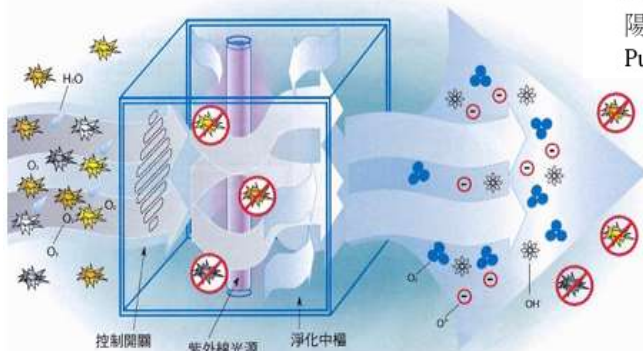


Photo Catalytic Oxidation (PCO) process destroys VOC's catalytically on special surface material  
 Functions: Kill germs & smell

(3) PhotoCatalytic Oxidation  
 光觸媒

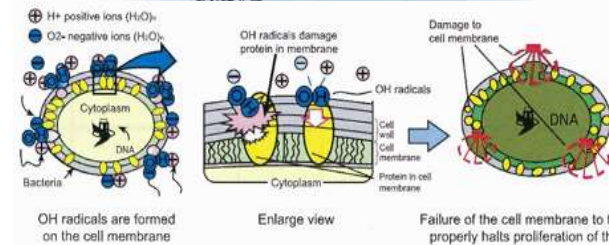
技術原理

I 光化學 II 光催化氧化 III 光電離子



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

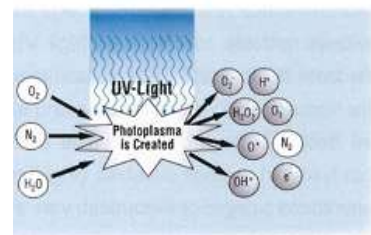
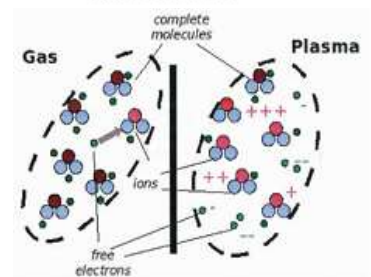
Process removes contaminants from air and surfaces by combining two very powerful purifying technologies- PhotoPlasma and PhotoChemistry. The synergy of their interaction produces a unique and a superlative way of cleaning air and surfaces of contaminants



(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

(4c) BioZone Irradiation Plasma  
 光等離子簇



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