




## **MECHFORTE COLDTEC & CATERING**



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Mechforte Coldtec & Catering Equipment

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 Mechforte Coldtec

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## MC-CR-1.5i

CR-1.5i, the small capacity portable Industrial grade ozone machine combines the excellent quality “Corona Discharged” and the sophisticated HF power supply. The state of the art assembly generates the high concentrated and pure “**scientific ozone gas**” that has the unique function to serve many kinds of industries.

Injection model uses compressed air pump to generate high quality ozone gas constantly. With timer controlled, CR-1.5i designed for many applications to against bad odor and to kill fungi and bacteria. Equipped with ozone sensor (option), the CR-1.5i has unlimited applications in air disinfection, odor removal and food preservation.

### Application

#### Air disinfection and Odor removal:

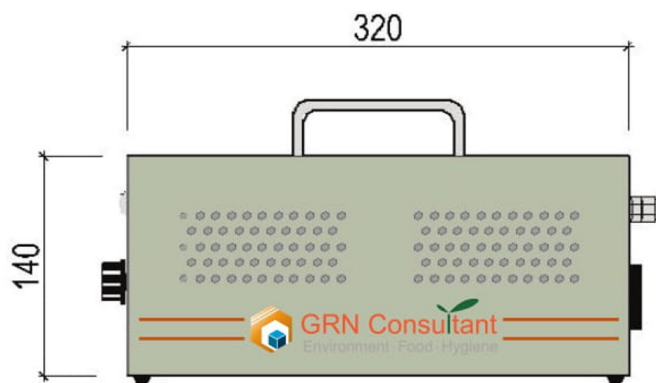
The ozone machine can apply at ALL “Unoccupied” indoor area, such as: classroom, hotel room, clinic, hospital, pet shop, veterinary center, function room, bath room, sauna house, toilet, changing room, lift car, bus, ship, air plane, mortuary and garbage house with unlimited cases for air disinfection and odor removal.

#### Food / Products preservation:

Ozone gas kills virus, bacteria and fungi. It can apply in freezer or warehouse for fruit, vegetable, cut flower, paper, leather, cloth and all kinds of crops. Ozone can decompose ethylene in order to prolong shelf life of vegetable, cut flower, and fruit. Ozone can minimize the odor cross contamination.

#### Drive away rat and most of insects:

Ozone keeps good environmental hygiene and can drive away rat and cockroach.



The above drawing is for reference only

### Technical Specifications

<b>Ozone capacity Rich O<sub>2</sub> feed</b>	5000 mg / hr (max.)
<b>Volume of the applied room Odor removal Air disinfection</b>	Not more than 110 m <sup>3</sup> Not more than 55 m <sup>3</sup>
<b>Power supply / consumption</b>	220-240V / 50 Hz / 150Watt
<b>Standard control</b>	Build-In timer for Idle External timer selector
<b>Dimensions &amp; weight</b>	140 (H) x 320 (W) x 160 (D) mm, 6 kg
<b>Casing</b>	Stainless steel casing, (for indoor installation)
<b>Option items</b>	Ozone sensor, 24 Hr. timer, booster fan,
<b>Installation</b>	Simple use by connection of electricity (13 amp. socket). The model can be position or mounted on any area that without vibration, heat, dust and oil fume.

## MC-CR-200i

CR-200i, the industrial grade ozone machine combines the excellent quality “Corona Discharged” and the sophisticated HF power supply. The state of the art assembly generates the high concentrated and pure “**scientific ozone gas**” that has the unique function to serve many kinds of industries.

Developed and manufactured by PIE Ozonation (Hong Kong) Limited, the injection model emits ozone by air tubing to any locations which are difficult to approach. For example: area at pump pit, vent pipe, drained pipe and air scrubber. The injected ozone gas can also direct discharge to water, wastewater or chemicals that need ozone aeration.

Equipped with microprocessor and ozone sensor (option), the CR-200i has unlimited application cases in air disinfection, odor removal and food preservation.

### Application

#### Air disinfection and Odor removal:

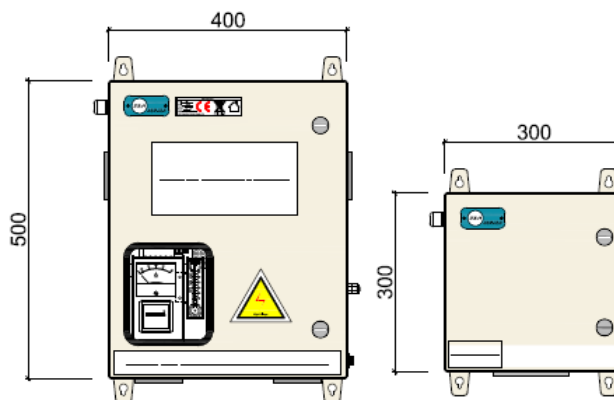
The ozone machine can apply at ALL “Unoccupied” indoor area, such as: class-room, hotel room, clinic, hospital, pet shop, veterinary center, function room, bath room, sauna house, toilet, changing room, lift car, bus, ship, air plane, mortuary and garbage house with unlimited cases for air disinfection and odor removal.

#### Food / Products preservation:

Ozone gas kills virus, bacteria and fungi. It can apply in Freezer or Warehouse for fruit, vegetable, cut flower, paper, leather, cloth and all kinds of crops. Ozone can decompose ethylene in order to prolong shelf life of vegetable, cut flower, and fruit. Ozone can minimize the odor cross contamination.

#### Drive away rat and most of insects:

Ozone keeps good environmental hygiene and can drive away rat and cockroach.



The above drawings are for reference only

### Technical Specifications

<b>Ozone capacity</b>	20 g / hr . (max.)
<b>Rich O<sub>2</sub> feed</b>	
<b>Air feed rate</b>	10 — 25 L / min
<b>Power supply / consumption</b>	
<b>Ozone generator</b>	220-240V / 50 Hz / 400 Watt
<b>Air pump</b>	220-240V / 50 Hz / 300 Watt
<b>Standard control</b>	24 hour timer & fine tune timer
<b>Dimensions &amp; weight</b>	
<b>Control + Ozone generator</b>	500 (H) x 400 (W) x 200 (D) mm, 26 kg
<b>Air pump</b>	300 (H) x 300 (W) x 200 (D) mm, 14 kg
<b>Casing</b>	Enamel paint coated steel casing, (for indoor installation)
<b>Ozone emission outlet</b>	SS fittings for Dia. 8 mm air tubing
<b>Option items</b>	Ozone sensor, SS casing, booster fan, extra casing for outdoor installation
<b>Installation</b>	Simple use by connection of electricity (13 amp. socket). The model can be position or mounted on any area that without vibration, heat, dust and oil fume.

## MC-AQ-7

AQ-7, the industrial grade ozone machine combines the excellent quality "Corona Discharged" plus the sophisticated mechanical and electronic technology in creating the best water disinfection system.

Developed and manufactured by PIE Ozonation (Hong Kong) Limited, the AQ-series has wide range of application in water treatment, and the sterilization of water recycle system and the generation of ozonated water for rinsing.

### The most safe and best efficiency in water sterilization

Ozone has the unique ability to break the carbon bonds of organic compounds. Thus ozone treatment has been over other technologies for the oxidation of organic and inorganic ions. Compared with chlorine, ozone kills bacteria much faster and safer. Ozone will never generate THM or other toxic residue which is harmful to human body.

### Application

#### General water treatment

Disinfection of raw water, ground water, well water and river water.

#### Water recycle and reuse

Excellent for the recycle water system in most of industrial processes for de-color, sterilization and water reuse system.

#### Generation of Ozonated water for Rinsing

Ozonated water is best for rinsing purpose in food processing, the AQ series is good for the generation of pressurized ozonated water.

#### Aquaculture

Ozone used in aquaculture has the merits:

- Improving color and reducing organic matter and microbiological activity
- Increase DO level and decrease death loss
- Faster growth rate
- Decrease of nitrite and ammonia and prevention of fish disease
- Safe for fish

#### Final Effluent Treatment for Sewage treatment plant / Wastewater treatment plant

Disinfection of the effluent from wastewater treatment plant. Ozone disinfection is much better than UV and chlorine.

#### Wasted Chemical Treatment

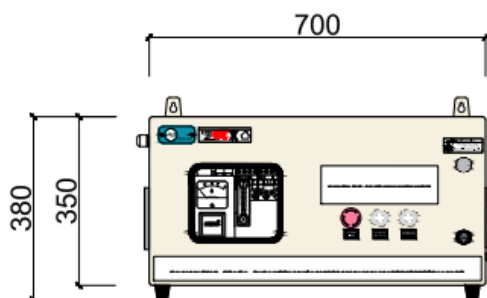
AQ-series can apply in many kinds of wasted chemical treatment, such as cyanide destruction, and COD removal.

#### Oxidation in Food processing

Oxidation process is of a vital process in food, wine, and sauce making. Ozone is the best choice and safe to use.

#### Air scrubber— Ozonated Water Recycle

AQ-series can apply in Air Scrubber. Ozonated water recycle in Air scrubber for the polishing of wasted air is a good design in both decomposition of toxic compound and odor removal.



The above drawing is for reference only

### Technical Specifications

<b>Ozone capacity (rich O<sub>2</sub> feed)</b>	15 g / hr. (max.)
<b>Water flow rate at 3.5 bar (Max.)</b>	1500 – 2000 L/hr.
<b>Ozone concentration in city water ORP value</b>	> 0.5 ppm 700-800 mV
<b>Power Supply / consumption</b>	220-240V / 50 Hz      460 Watt
<b>Dimensions &amp; weight</b>	
<b>Control + PSU+ Oxygen concentrator + Ozone generator</b>	350 (H) x 700 (W) x 350 (D) mm      46 kg
<b>Casing</b>	Enamel paint coated steel casing, (for indoor installation)
<b>Feed pressure and flow rate</b>	Not less than 3.5 bar and 1500 L/hr.
<b>No. of external ejection assembly</b>	1
<b>Option items</b>	Ozone sensor, SS casing, ejection pump, extra casing for outdoor installation

## MC-AQ-7D

AQ-7D, the industrial grade ozone machine combines the excellent quality "Corona Discharged" plus the sophisticated mechanical and electronic technology in creating the best water disinfection system.

Developed and manufactured by PIE Ozonation (Hong Kong) Limited, the AQ-series has wide range of application in water treatment, and the sterilization of water recycle system and the generation of ozonated water for rinsing .

### The most safe and best efficiency in water sterilization

Ozone has the unique ability to break the carbon bonds of organic compounds. Thus ozone treatment has been over other technologies for the oxidation of organic and inorganic ions. Compared with chlorine, ozone kills bacteria much faster and safer. Ozone will never generate THM or other toxic residue which is harmful to human body.

### Application

#### General water treatment

Disinfection of raw water, ground water, well water and river water .

#### Water recycle and reuse

Excellent for the recycle water system in most of industrial processes for de-color, sterilization and water reuse system.

#### Generation of Ozonated water for Rinsing

Ozonated water is best for rinsing purpose in food processing, the AQ series is good for the generation of pressurized ozonated water

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- Safe for fish

#### Final Effluent Treatment for Sewage treatment plant / Wastewater treatment plant

Disinfection of the effluent from wastewater treatment plant. Ozone disinfection is much better than UV and chlorine

#### Wasted Chemical Treatment

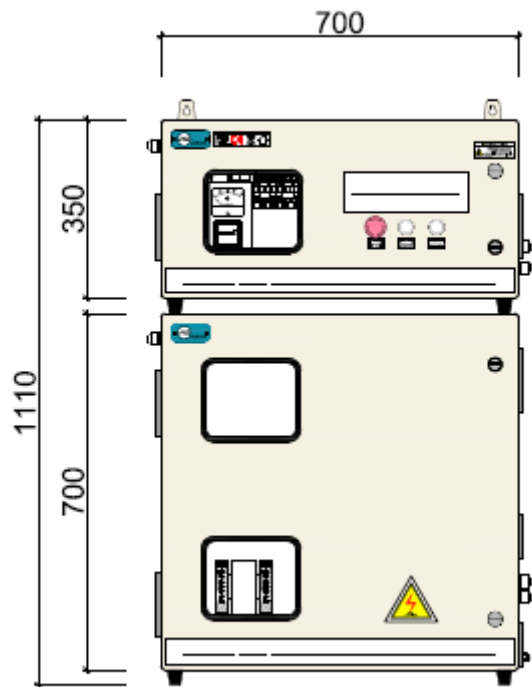
AQ- series can apply in many kinds of wasted chemical treatment, such as cyanide destruction, and COD removal

#### Oxidation in Food processing

Oxidation process is of a vital process in food, wine, and sauce making. Ozone is the best choice and safe to use

#### Air scrubber— Ozonated Water Recycle

AQ -series can apply in Air Scrubber. Ozonated water recycle in Air scrubber for the polishing of wasted air is a good design in both decomposition of toxic compound and odor removal



The above drawing is for reference only

### Technical Specifications

<b>Ozone capacity (rich O<sub>2</sub> feed)</b>	2 x 15 g / hr. (max.)
<b>Water flow rate at 3.5 bar (Max.)</b>	500 - 2500 L/hr.
<b>Ozone concentration in city water ORP value</b>	> 0.5 ppm > 750 mV
<b>Power Supply / consumption</b>	220-240V / 50 Hz 920 Watt
<b>Dimensions &amp; weight</b>	
<b>Control + PSU</b>	700 (H) x 700 (W) x 350 (D) mm, 47 kg
<b>Oxygen concentrator + Ozone generator</b>	700 (H) x 700 (W) x 350 (D) mm, 52 kg
<b>Overall dimensions &amp; total weight</b>	1460 (H) x 700 (W) x 350 (D) mm, 99 kg
<b>Casing</b>	Enamel paint coated steel casing, (for indoor installation)
<b>Feed pressure and flow rate</b>	Not less than 3.5 bar and 500 L/hr.
<b>Nos. of external ejection assembly</b>	1 — 2
<b>Option items</b>	Ozone sensor, SS casing, ejection pump, extra casing for outdoor installation

## MC-G-25

G-25, the industrial grade ozone machine combines the excellent quality "Corona Discharged" plus the sophisticated mechanical and electronic technology in creating the best water and air disinfection system.

Developed and manufactured by PIE Ozonation (Hong Kong) Limited, the G series has wide range of application in pool/spa water treatment, air treatment and the sterilization of most water recycle system.

### The most safe and best efficiency in water sterilization

Ozone has the unique ability to break the carbon bonds of organic compounds. Thus ozone treatment has been over other technologies for the oxidation of organic and inorganic ions. Compared with chlorine, ozone kills bacteria much faster and safer. Ozone will never generate THM or other toxic residue which is harmful to human body.

### Application

#### General water treatment

Disinfection of raw water, ground water, well water and river water at higher organic loading.

#### Pool and Spa

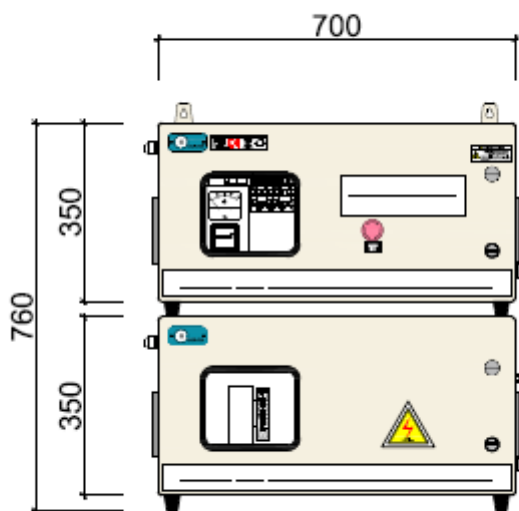
Excellent for the recycle water system in Pool and Spa. Ozone is the best choice in Pool & Spa sterilization. Besides, ozone is the best de-odor medium, all unpleasant odor inside the pool water can be removed by ozone.

#### Odor removal & air disinfection

Best for the decomposition of  $\text{NH}_3$  &  $\text{H}_2\text{S}$  and most of nasty bad odor.

### Merits of G series of the PIE Ozonation

- Very high concentration of ozone to be generated. It is very important in all kinds of disinfection.
- Perfect match with the combination of oxygen concentrator, air dryer and ozone generator.
- Versatile design with standard module of ozone generator and the accessories for water, air, food & surface disinfection.
- Simple installation and maintenance.
- High reliability and low power consumption.
- Clear indications at the panel with:  
Current of the ozone generator, air flow rate and hour counter.



The above drawings are for reference only

### Technical Specifications

<b>Ozone capacity :Rich oxygen</b>	33 g / hr. (max.) and water cooling Design for continuous running
<b>Air feed rate</b>	2 — 20 L / min
<b>Power supply / consumption</b>	
<b>Ozone generator</b>	220 V / 50 Hz / 840 Watt
<b>Dimensions &amp; weight</b>	
<b>Control + PSU</b>	380 (H) x 700 (W) x 350 (D) mm, 29 kg
<b>Ozone generator ( water cool)</b>	380 (H) x 700 (W) x 350 (D) mm, 38 kg
<b>Casing</b>	Enamel paint coated steel casing, (for indoor installation)
<b>Ozone emission outlet</b>	SS fittings for Dia. 8 mm air tubing
<b>Option items</b>	Ozone sensor, SS casing , Ejection pump, Air pump, Oxygen concentrator, Air dryer , external chiller and extra casing for outdoor installation



## MC-G-50

### The most safe and best efficiency in water sterilization

Ozone has the unique ability to break the carbon bonds of organic compounds. Thus ozone treatment has been over other technologies for the oxidation of organic and inorganic ions. Compared with chlorine, ozone kills bacteria much faster and safer. Ozone will never generate THM or other toxic residue which is harmful to human body.

### Application

#### General water treatment

Disinfection of raw water, ground water, well water and river water at higher organic loading.

#### Pool and Spa

Excellent for the recycle water system in Pool and Spa. Ozone is the best choice in Pool & Spa sterilization. Besides, ozone is the best de-odor medium, all unpleasant odor inside the pool water can be removed by ozone.

#### Odor removal & air disinfection

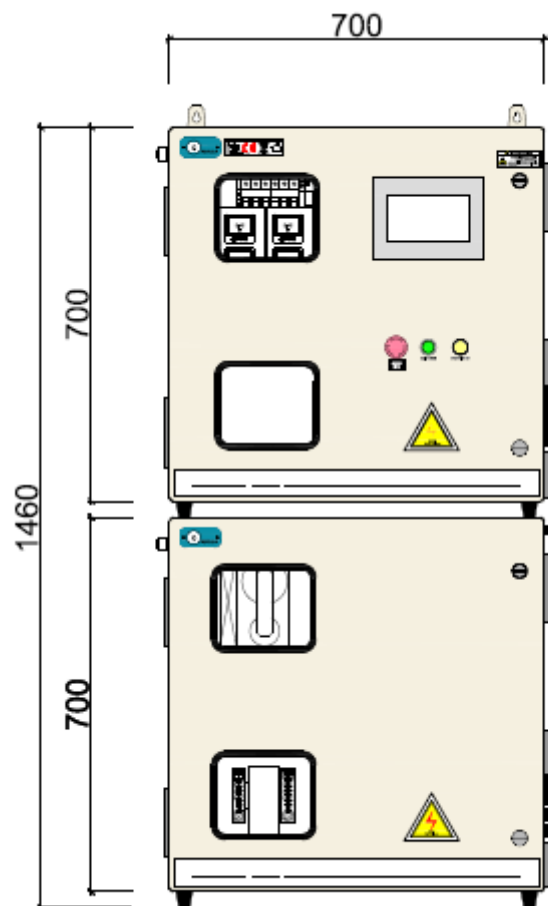
Best for the decomposition of  $\text{NH}_3$  &  $\text{H}_2\text{S}$  and most of nasty bad odor.

### Merits of G series of the PIE Ozonation

- Very high concentration of ozone to be generated. It is very important in all kinds of disinfection.
- Perfect match with the combination of oxygen concentrator, air dryer and ozone generator.
- Versatile design with standard module of ozone generator and the accessories for water, air, food & surface disinfection.
- Simple installation and maintenance.
- High reliability and low power consumption.
- Clear indications at the panel with:  
Current of the ozone generator, air flow rate and hour counter.

G-50, the industrial grade ozone machine combines the excellent quality "Corona Discharged" plus the sophisticated mechanical and electronic technology in creating the best water and air disinfection system.

Developed and manufactured by PIE Ozonation (Hong Kong) Limited, the G series has wide range of application in pool/spa water treatment, air treatment and the sterilization of most water recycle system.



The above drawings are for reference only

### Technical Specifications

<b>Ozone capacity :Rich oxygen</b>	2 x 33 g / hr. (max.) and water cooling Design for continuous running
<b>Air feed rate</b>	2 — 35 L / min
<b>Power supply / consumption</b>	
<b>Ozone generator</b>	220 V / 50 Hz / 1540 Watt
<b>Dimensions &amp; weight</b>	
<b>Control + PSU</b>	700 (H) x 700 (W) x 350 (D) mm, 60 kg
<b>Ozone generator ( water cool)</b>	700 (H) x 700 (W) x 350 (D) mm, 60 kg
<b>Overall dimension &amp; weight</b>	1460 (H) x 700 (W) x 350 (D) mm, 120 kg
<b>Casing</b>	Enamel paint coated steel casing, (for indoor installation)
<b>Ozone emission outlet</b>	SS fittings for Dia. 8 mm air tubing
<b>Option items</b>	Ozone sensor, SS casing , Ejection pump, Air pump, Oxygen concentrator, Air dryer , external chiller and extra casing for outdoor installation

# MC-OZ-06C

The ozone sensor OZ-06C is the product developed by PIE Ozonation (Hong Kong) Ltd. The ozone sensor is designed for the detection of ozone gas in air deodorizing, disinfection, food preservation and for environmental monitoring system.

It can control the ozone gas by using Indium Tin Oxide (ITO) sensing material. The measured ozone concentration will deliver reading in ppm. Inside the data logging memory plus output signal in accordance with the preset program to on / off the connected Ozone machine and the signal lights.

Since OZ-06C has allowed data logging. The user can read the ozone concentration Vs time through the data download program by a Personal Computer.

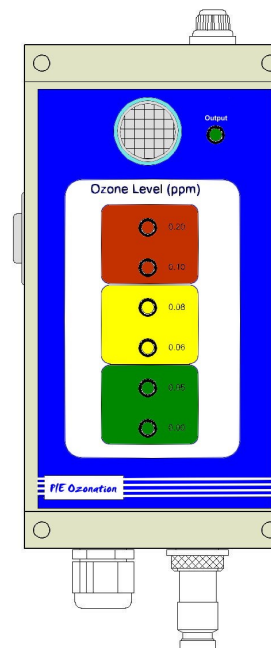
The data logging is of vital importance when ozonation is applied in high hygiene level areas for recording "when" and "how" the gas ozonation has been done.

## Application

- **Warning when excessive amount of ozone gas is reached**  
The application is simple. Whenever there is an ozone machine to be used, the ozone sensor will guard the specified occupied area to show the ozone gas level.
- **For precise ozone gas fumigation**  
There are a lot of applications that need precise ozone dosing:
  - Control of odor, bacteria and fungi where people may occupy occasionally
  - Cut flower warehouse, green house, where ozone is needed to control the emission of ethylene, but without ozone overdosing
- **Gas ozonation needs data logging**  
Certification needs ozone sanitization records. The data logging system of OZ-06C is the best choice.

## Merits of the ozone sensor OZ-06C

- Specially designed to incorporate with all "PIE Ozonation" CR series ozone machine for versatile and simple applications in most of gas ozonation sites
- Data logging which is important evidence in the record for certification of safety and environmental hygiene control
- For the cases that ozone gas is applied where people will be occupied
- Precise control of ozone concentration is needed



The above drawing is for reference only

## Technical Specifications

Detection Gas	Ozone
Measuring range of ozone gas	0.00 — 2.55 ppm
Initial warm up time	180 seconds
Led lamps display	Red (over 0.1 ppm) Yellow (0.05 - 0.1 ppm) Green (below 0.05 ppm)
Control output	Standard dry contact output over 0.1 ppm (open) below 0.05 ppm (close) other control setting upon request
Power supply / consumption	220-240V / 50 Hz / 2.5 Watt
Operation temperature	0 — 40 °C
Dimensions & weight	200 (H) x 92 (W) x 85 (D) mm, 150 g
Download connector	USB-B
Measuring time interval	Once per 15 minutes (standard) 1 — 60 minutes (factory preset upon requested)
Resolution (ppm)	0.02
Option items	Duplicated display unit with buzz alarm. Same casing and led lights. No sensor and memory



# GRN Consultant

## AOW®-45

AOW® atomized ozone technology can decompose viruses and various harmful chemicals in a very short time without leaving any chemical residues. Experimentally certified that the powerful sterilization effect of ozone, AOW® can effectively kill 99.99% of pathogenic bacteria, viruses and harmful chemicals.

Developed and manufactured by PIE Ozonation (Hong Kong) Limited., the AOW machine distributes the ozone water mist evenly to every place in the room through the ozone tube, thoroughly disinfecting the indoor space. The ozone dissolved in water mist does not irritate the human body and can be used in occupancy area.

AOW®-45 is equipped with a microprocessor and ozone sensor (optional). AOW®-45 can be widely used in air disinfection and deodorization.

### Easy to install and use

AOW-45 is suitable to be placed in building lobbies, office entrances, etc., to disinfect the soles and hands of visitors, which can effectively prevent bacteria and viruses from being brought into the room, ensuring environmental hygiene and a healthy and safe working environment.

### Instant sterilization 99.99%

Our patented AOW disinfection and sterilization technology combines industrial-grade ozone technology and ultrasonic water mist to form a unique Atomized Ozonated Water (AOW). AOW apply the powerful sterilization effect of ozone, combined with high-efficiency atomization equipment, can effectively spread and guide ozone water mist in the space, killing 99.99% of pathogenic bacteria without leaving any harmful chemical residues.

### Features

- The sterilizing ability is 150 times stronger than that of chlorine, and the sterilizing speed is more than 3,000 times faster than that of chlorine.
- Infrared sensor, automatically turn on when visitors approach;
- Appropriate amount of spraying, will not wet clothes;
- Safety and environmental protection, the ozone after inscription can be quickly decomposed in space, meeting safety standards;
- After completing the sterilization and disinfection function, the ingredients are decomposed into oxygen without producing harmful



圖片僅供參考



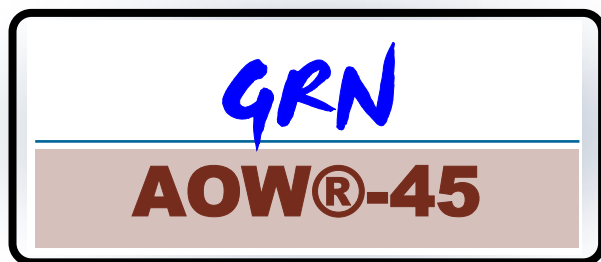
### Technical Specifications

<b>Ozone capacity</b> <b>Rich O<sub>2</sub> feed</b>	7.52 g / hr . (max.)
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<b>Air feed rate</b>	3.0 L / min
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<b>Power supply / consumption</b> <b>Ozone generator</b> <b>Water mist generator</b>	220-240V / 50 Hz / 120 Watt 220-240V / 50 Hz / 300 Watt
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<b>Dimensions &amp; weight</b> <b>Control</b> <b>Ozone generator + Air pump</b>	380 (H) x 700 (W) x 350 (D) mm, 29 kg 300 (H) x 300 (W) x 200 (D) mm, 40 kg
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AOW® 霧化臭氧技術，能在極短的時間分解病毒及各種有害化學物質，而不留任何化學殘留物。經實驗認證，憑藉臭氧強力的殺菌效能，AOW® 能有效殺滅 99.99% 致病細菌，病毒及有害化學物質。

由依格安顧問(香港)有限公司研發和製造，噴射式臭氧水霧機通過臭氧管將臭氧水霧平均散佈室內每個地方，為室內空間徹底消毒。而溶於水霧中的臭氧並不會刺激人體，能於有人的空間使用。

AOW®-45 配備微處理器和臭氧檢測儀（可選項），AOW®-45 能廣泛應用在空氣消毒，除臭領域。

### 安裝及使用方便

AOW-45 適合放置於在大廈大堂、辦公室入口等位置，對訪客的鞋底和手部進行消毒，能有效避免細菌病毒被帶入室內，確保環境衛生和健康安全的工作環境。

### 瞬間殺菌99.99%

AOW 專利消毒殺菌技術，將工業級臭氧技術和超聲波水霧結合，形成獨有的霧化臭氧水 (Atomized Ozonated Water AOW)。AOW 應用了臭氧強力的殺菌效能，結合高效霧化設備，能有效散佈及導向臭氧水霧於空間，殺滅 99.99% 的致病細菌，而不留任何有害化學殘留。

### 特點

- 殺菌能力比氯強 150 倍，殺菌速度比氯快 3,000 多倍。
- 紅外線感應，當訪客靠近時自動開啟；
- 噴灑量適宜，不會弄濕衣服；
- 安全環保，銘化後的臭氧能於空間快速分解，符合安全標準；
- 完成殺菌消毒功能後，成份分解成氧氣而不會產生有害副產品。



圖片僅供參考



### 技術參數

AOW 發生器	<ul style="list-style-type: none"> <li>• 超聲波產生水霧</li> <li>• AOW 流量: 3.0 L / hr</li> <li>• 電源供應: DC 48V</li> <li>• 氣泵電源供應: DC 48V</li> </ul>
臭氧發生器	<ul style="list-style-type: none"> <li>• 臭氧量: 8.9 g / hr</li> <li>• 電源供應: 220-240V / 50 Hz / 120 Watt</li> </ul>
臭氧感應器	<ul style="list-style-type: none"> <li>• 感應範圍: 0-10 ppm (inclusive)</li> <li>• 感應解析度: 0.001 ppm</li> <li>• 帶有顯示臭氧水平讀數的顯示面板</li> </ul>
動態感應器	<ul style="list-style-type: none"> <li>• 感應器類別: PIR (被動紅外線感應器)</li> <li>• 感應距離: 197" (5m) 16.4'</li> <li>• 電源供應: 2.3V - 4V</li> </ul>
尺寸 & 重量	<ul style="list-style-type: none"> <li>• 1000 (H) x 600 (W) x 350 (D) mm, 60 kg</li> </ul>
<ul style="list-style-type: none"> <li>• AOW 系統可使用太陽能運作</li> <li>• 系統包含手動急停掣</li> </ul>	

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## AOW®-45

AOW® atomized ozone technology can decompose viruses and various harmful chemicals in a very short time without leaving any chemical residues. Experimentally certified that the powerful sterilization effect of ozone, AOW® can effectively kill 99.99% of pathogenic bacteria, viruses and harmful chemicals.

Developed and manufactured by PIE Ozonation (Hong Kong) Limited., the AOW machine distributes the ozone water mist evenly to every place in the room through the ozone tube, thoroughly disinfecting the indoor space. The ozone dissolved in water mist does not irritate the human body and can be used in occupancy area.

AOW®-45 is equipped with a microprocessor and ozone sensor (optional). AOW®-45 can be widely used in air disinfection and deodorization.

### Easy to install and use

AOW-45 is suitable to be placed in building lobbies, office entrances, etc., to disinfect the soles and hands of visitors, which can effectively prevent bacteria and viruses from being brought into the room, ensuring environmental hygiene and a healthy and safe working environment.

### Instant sterilization 99.99%

Our patented AOW disinfection and sterilization technology combines industrial-grade ozone technology and ultrasonic water mist to form a unique Atomized Ozonated Water (AOW). AOW apply the powerful sterilization effect of ozone, combined with high-efficiency atomization equipment, can effectively spread and guide ozone water mist in the space, killing 99.99% of pathogenic bacteria without leaving any harmful chemical residues.

### Features

- The sterilizing ability is 150 times stronger than that of chlorine, and the sterilizing speed is more than 3,000 times faster than that of chlorine.
- Infrared sensor, automatically turn on when visitors approach;
- Appropriate amount of spraying, will not wet clothes;
- Safety and environmental protection, the ozone after inscription can be quickly decomposed in space, meeting safety standards;
- After completing the sterilization and disinfection function, the ingredients are decomposed into oxygen without producing harmful



圖片僅供參考

## Technical Specifications

<b>Ozone capacity</b> <b>Rich O<sub>2</sub> feed</b>	7.52 g / hr . (max.)
<b>Air feed rate</b>	3.0 L / min
<b>Power supply / consumption</b> <b>Ozone generator</b> <b>Water mist generator</b>	220-240V / 50 Hz / 120 Watt 220-240V / 50 Hz / 300 Watt
<b>Dimensions &amp; weight</b> <b>Control</b> <b>Ozone generator + Air pump</b>	380 (H) x 700 (W) x 350 (D) mm, 29 kg 300 (H) x 300 (W) x 200 (D) mm, 40 kg

# GRN Consultant

## AOW®-45

AOW® 霧化臭氧技術，能在極短的時間分解病毒及各種有害化學物質，而不留任何化學殘留物。經實驗認證，憑藉臭氧強力的殺菌效能，AOW® 能有效殺滅 99.99% 致病細菌，病毒及有害化學物質。

由派儀臭氧(香港)有限公司研發和製造，噴射式臭氧水霧機通過臭氧管將臭氧水霧平均散佈室內每個地方，為室內空間徹底消毒。而溶於水霧中的臭氧並不會刺激人體，能於有人的空間使用。

AOW®-45 配備微處理器和臭氧檢測儀（可選項），AOW®-45 能廣泛應用在空氣消毒，除臭領域。

### 安裝及使用方便

AOW-45 適合放置於在大廈大堂、辦公室入口等位置，對訪客的鞋底和手部進行消毒，能有效避免細菌病毒被帶入室內，確保環境衛生和健康安全的工作環境。

### 瞬間殺菌99.99%

AOW 專利消毒殺菌技術，將工業級臭氧技術和超聲波水霧結合，形成獨有的霧化臭氧水 (Atomized Ozonated Water AOW)。AOW 應用了臭氧強力的殺菌效能，結合高效霧化設備，能有效散佈及導向臭氧水霧於空間，殺滅 99.99% 的致病細菌，而不留任何有害化學殘留。

### 特點

- 殺菌能力比氯強 150 倍，殺菌速度比氯快 3,000 多倍。
- 紅外線感應，當訪客靠近時自動開啟；
- 噴灑量適宜，不會弄濕衣服；
- 安全環保，銘化後的臭氧能於空間快速分解，符合安全標準；
- 完成殺菌消毒功能後，成份分解成氧氣而不會產生有害副產品。



圖片僅供參考

### 技術參數

臭氧量	7.52 g/ hr. (max.)
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水霧流量	3.0 L / min
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電源供應 / 功率	220-240V / 50 Hz / 120 Watt
臭氧發生器	220-240V / 50 Hz / 300 Watt
水霧機	

尺寸 & 重量	
主控	380 (H) x 700 (W) x 350 (D) mm, 29 kg
臭氧發生器 + 氣泵	300 (H) x 300 (W) x 200 (D) mm, 40 kg