
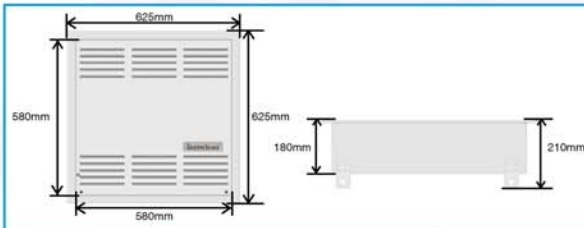


## Technical data

Brand	innoclean - Trademarked in Australia
Series	OceanClean Multi600
Placement	Ceiling
Model	Multi600E1 (1 tube), Multi600E2 (2 tubes), Multi600E3 (3 tubes), Multi600E4 (4 tubes)
Service area	Slightly to general pollutants: E1: 500 - 950 ft <sup>2</sup> (3 ACH) 300 - 580 ft <sup>2</sup> (5 ACH) E2: 800 - 1,530 ft <sup>2</sup> (3 ACH) 490 - 920 ft <sup>2</sup> (5 ACH) E3: 1,290 - 2,440 ft <sup>2</sup> (3 ACH) 780 - 1,470 ft <sup>2</sup> (5 ACH) E4: 2,060 - 3,900 ft <sup>2</sup> (3 ACH) 1,250 - 2,360 ft <sup>2</sup> (5 ACH) Medium to heavy pollutants: E1: 280 - 530 ft <sup>2</sup> (3 ACH) 170 - 320 ft <sup>2</sup> (5 ACH) E2: 450 - 850 ft <sup>2</sup> (3 ACH) 270 - 510 ft <sup>2</sup> (5 ACH) E3: 720 - 1,360 ft <sup>2</sup> (3 ACH) 440 - 820 ft <sup>2</sup> (5 ACH) E4: 1,150 - 2,170 ft <sup>2</sup> (3 ACH) 700 - 1,310 ft <sup>2</sup> (5 ACH)
Purification process by	1 pcs
HEPA filter	1 pcs [Optional]
Honeycomb carbon	1 - 4 pcs based on models (innoclean 102E)
Ionization tube	1 pcs [Optional]
UV-C	> 8,000,000 ions/cm <sup>3</sup> ± 10%
Ions generation	5.15 m <sup>3</sup> /s - 9.58 m <sup>3</sup> /s (Low to High)
Air speed	170 - 318 m <sup>3</sup> /h
Air flow	1 - 3
Speed level	1, 2, 3, 4, 5 (60%, 70%, 80%, 90%, 100%)
ion level (adjustable)	≤ 50 dB
Noise	60 W
Power	E1 & E2: 16.5 kg, E3 & E4: 20.5 kg
Weight	580mm x 580mm x 180mm (L x W x H)
Dimension	625mm x 625mm (L x W)
Front Cover Dimension	Yes (Power)
LED indication lamp	Optional
Remote controller	China
Made in	

The above specification may subject to be changed without previous notice.  
For more detail: [www.hkpsc.org](http://www.hkpsc.org)

## Structure



**HKAPC**  
香港空氣淨化器中心



商界展關懷  
caringcompany  
Approved by The Hong Kong Council of Social Service



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## innoclean offers diversity solutions for indoor air quality

In the spirit of "low-call, pragmatic research and development", we continuously develop and introduce various types of air purification equipment to effectively improve different indoor air problems.

Art of hidden  
greater purification ability

**innoclean**<sup>TM</sup>  
- [www.innoclean.com](http://www.innoclean.com) -

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Do you like your workplace?

## Many threats hidden surrounding our workplace, shall we ignore?

Around 80% of the time we breathe indoor air. Seriously, indoor air is often polluted. This means we breathe polluted indoor air around 80% of the time. There are countless dust, mites, bacteria, pollen, smoking odor, odor, ozone and TVOC, etc. in every indoor area.

Some people may think there is no matter about poor indoor air quality (IAQ). In fact, poor indoor air quality affect our health that is results in headaches, allergy, and increased risks of cardiovascular and respiratory diseases. Poor indoor air quality causes asthma and allergy problems. Recently, some researches show more and more children with different sensitivities and allergies in Hong Kong. Asthma and allergy have serious effects on brain and neuro-functions and cancers, such as multiple myeloma that is linked to airborne carcinogens.

Employee and children often stay in poor indoor air quality area and Sick Building Syndrome (SBS) such as school, office and public area, etc. It will affect them in the areas of concentration, calculation and memory. Simply, poor indoor air quality reduces our performance and productivity.

**Innoclean OceanClean Multi600 Ceiling Air Purifier** is designed to solve overall indoor air pollutants.

**Features of OceanClean Multi600 Ceiling Air Purifier**

- Comprehensively improve indoor air quality to effectively address four major air pollutions (particles, bacterial viruses, chemicals and odors)
- Internal continuously air purification
- Adopting both active (Plasma ion) and passive (HEPA and Carbon filter) air purification mode
- Ceiling mount design allows to save space
- High Purification Efficiency
- UV-C is effective to kill bacteria (optional)
- Easy to control with remote control (optional)
- Simple and clear operation indicator
- Easy installation and maintenance
- Metal machine body is more durable
- Testing report and excellent feedback

purification principle

HEPA filter

PhotoTroph Carbon

plasma ion

UV-C



### Honeycomb Carbon Filter

Hong Kong Productivity Council - One Pass Odor Removal Efficiency

food garbage smell	decoration smell	cooking fume smell
97.8%	97.6%	97.8%

## What is the is OceanClean Multi600's principle?

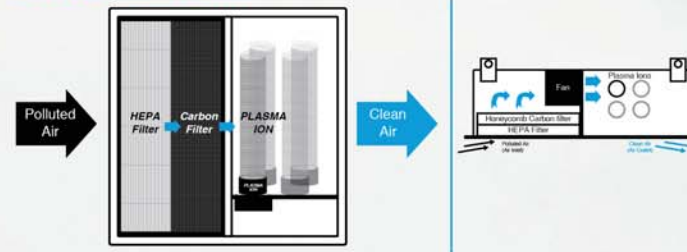
Aim at comprehensively improve indoor air quality, **innoclean OceanClean Multi600** is effective to solve the four major air pollutions (particles, bacterial viruses, chemicals and odors). These pollutants are quite common in workplace. VOCs, odor, pathogens and dust are come from outdoor such as through HVAC system. VOCs is always caused by electronic equipment including printer, furniture, and paint. Dust and mites contain in furniture fabric and carpet. Some cleaning materials will cause VOCs and odor (for example, cleaner and waxing).

### HEPA filter

HEPA filters have been widely used in medical and domestic air purifier to effectively intercept suspended particles in the air. The most common is dust, mites, pollen and allergens are very troublesome for us, especially nasal sensitivity and sensitive people.

Furthermore, HEPA filter is effective to remove localized transmission of airborne and pollutants due to close proximity and localized pockets of air circulation.

### Multi600 Purification Process



### PhotoTroph Honeycomb Carbon Deodorize Filter

As the above mentioned, there are different kinds of odor and chemical pollutants. Smoking odor is very annoying. VOCs are occurred during photocopy. These invisible odor and chemical pollutants damage our health.

To solve above problems, **OceanClean Odor600** is equipped **PhotoTroph Honeycomb Carbon Deodorize Filter**. It is provided with high adsorptive capacity (High One Pass Removal Efficiency), large surface area, kinetics and ultra-low pressure drop.

Adopt the macromolecule material make the good active carbon powder adhere to the honeycomb base ceramic material, which having the characteristics of good ventilation and low pressure drop, and it can be processed then become the antiseptis and deodorization product. Basically, **PhotoTroph Honeycomb Carbon Deodorize Filter** is effective to purifier almost kinds of IAQ concerned common odor (eg. methyl mercaptan and trimethylamine, etc) and harmful pollutant gas (eg. TVOC, HCHO, NH<sub>3</sub>, H<sub>2</sub>S and SO<sub>2</sub>, etc).

### Ultraviolet Lamp

The use of ultraviolet light to kill bacteria has a wide range of applications. The power is evaluated by UV intensity.

### Bipolar plasma



In nature, ions exist in different sizes are molecules or atoms that contain electric charges. Small ions last only 30 to 300 seconds before leaving the charge, but they are very active. In an ideal "fresh air" environment, such as a mountaintop, the small ion density ranges from 900 to 1,100 negative ions and 1,000 to 1,200 positive ions per cubic centimeter (ion/cm<sup>3</sup>). However, within cities and buildings, the level of ions drops by 80% to 95%, which is barely detectable in tight spaces. As the ion density decreases, the corresponding air quality also decreases. Bipolar plasma technology is used to increase the amount of charged oxygen ions, and the air quality is increased to the level of "fresh air" to achieve an oxygen-rich environment. Also the plasma ion effectively kills bacterial viruses, decomposes chemicals such as formaldehyde, TVOC, and removes odors.

