

For Manufacturing and Packing

For specific manufacturing process such as PCB, component and packing, etc, it is required high hygiene and extremely low level of dust. iS1006H13 is best solution to control and maintain low dust level environment. Also, iS1006H13 could equipped with air duct to create positive pressure room to avoid pollutants come from outside.



For Casino and Entertainment Venues

Casinos, entertainment venues and bars may be full of smoke, alcohol, food crumbs and odor, etc. Using high purification capacity, quiet and movable innoScrubber iS1006H13HC is effective to remove annoying odor and let's breath clean air.

Specification

Model	iS1006H13	iS1006H13HC
Brand	innoclean	innoclean
Product name	innoScrubber	innoScrubber
Suggested Services Area (ft ²)	650 - 1300 ft ²	650 - 1300 ft ²
Max. Services Area	Please see the table below	Please see the table below
<u>Purification process by</u>		
Pre-filter	1 pcs	1 pcs
H13 HEPA filter	1 pcs	1 pcs
Carbon filter	1 pcs	/
Honeycomb Carbon filter	/	1 pcs (9 kg)
UV lamp	1 pcs	1 pcs
PM2.5 CADR	1102.2m ³ /h	1102.2m ³ /h
Air flow (m ³ /h)	1272 - 2568 m ³ /h	1272 - 2568 m ³ /h
Noise	39 - 45 dB	39 - 45 dB
HEPA service area	20 m ²	10 m ²
UV intensity	27,026μW/cm ²	27,026μW/cm ²
Speed control	1 - 3 & Auto mode	1 - 3 & Auto mode
Control	Manual / Auto mode	Manual / Auto mode
Remote controller	Yes	Yes
PM2.5 monitor	Yes	Yes
Timer	Yes (1 - 12 hours)	Yes (1 - 12 hours)
Direction of air flow	Back side to front	Back side to front
Dimensions (H x W x D)	1235 x 580 x 325 mm	1235 x 580 x 325 mm
Weight (kg)	40	49
Power supply	220 V / ~1 / 50 Hz	220 V / ~1 / 50 Hz
Power	90W	90W
Installation	Freestanding with roller	Freestanding with roller
Connect with air duct	Option	Option
Made in	China	China

innoclean iS1006H13 & iS1006H13HC are in The Food and Environmental Hygiene Department's information on air purifiers meeting specified specifications applicable to catering business.

Serving Area with different air change per hour (ACH)

Floor Height	1 ACH	2 ACH	3 ACH	4 ACH	5 ACH	6 ACH
2.4 m	11517 ft ²	5758 ft ²	3839 ft ²	2879 ft ²	2303 ft ²	1919 ft ²
3 m	9213 ft ²	4606 ft ²	3071 ft ²	2303 ft ²	1842 ft ²	1535 ft ²



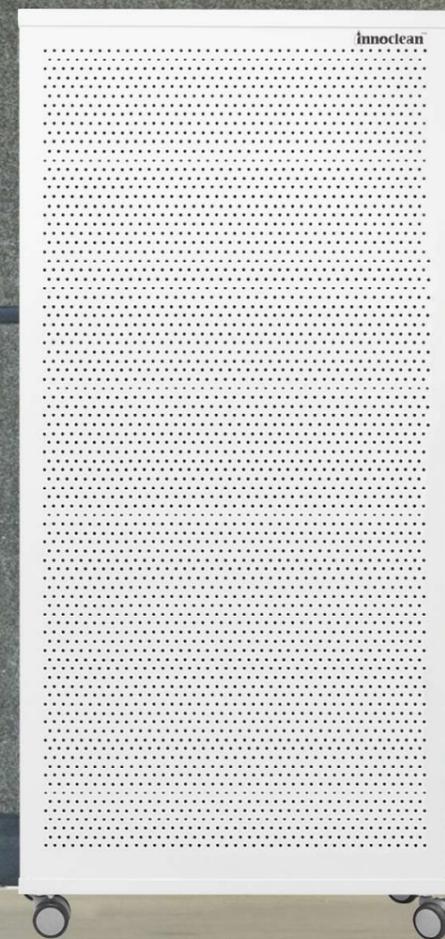
Tel: (852) 34210167 | Fax: (852) 30054302 | Email: info@hkpc.org | www.hkpc.org

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.



laminar flow air purification system
• silent • efficient • comfortable •



H13 HEPA Filter

True hospital grade HEPA filter - H13 requirement
One Pass Efficiency

> 99.95%

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%

The above specification may subject to be changed without previous notice.
For more detail: www.hkpc.org



Feel confused what you need in your business, school or commercial property?

There are quick guides to help you learn more how to find the best commercial air purifier.

Appropriate Room Size

Make sure the air purifier is effective to change the air several times an hour (Air change per hour).

Air Filtering Efficiency

Obviously, you want a purifier that effectively cleans the air.

Air Purification Technology

What are the air purification technologies does the unit use? Any precautions we need to concern?

Noise Level

The noise level of air purifier must be reasonable and acceptable. If it is too loud, it is annoying.

Air pollutants

Any indoor air pollutants and level of pollution you face? For instance, strong odor, dust and chemical including TVOC, formaldehyde and benzene are caused by decoration. There are different solutions to solve different issues.

We also provide professional evaluation and consult.

CADR
1,102.5
m ³ /h
super quiet only
39 - 45
dB

Why use innoclean innoscrubber iS1006?

Higher purification performance

The Clean Air Delivery Rate (CADR) indicates the volume of filtered air delivered by an air purifier. The higher CADR is better. innoclean innoscrubber iS1006 series's CADR is 1,102.5 m³/h.

Different models for different issues

There are two models iS1006H13 and iS1006H13HC. It is allowed to base on own situation to choose. It is effective to solve focus issue. iS1006H13 is equipped H13 medical grade HEPA filter. iS1006H13HC is equipped professional honeycomb carbon filter.

Larger service area

innoclean iS1006 series is provided with higher CADR and air flow air outflow velocity evenly and stable. It means the air purifier is suitable for using a larger service area.

Powerful UV insanity

There is UV lamp inside the iS1006 series. It can kill germs such as bacteria, viruses, mold, fungi and spores, etc.

Super quiet

The sound level of innoclean innoscrubber iS1006 series is only 39-45 dB. It is suitable for places where volume requirements are required, such as libraries.

Movable

innoclean differential air generator iS1006 series is installed wheel. It allows user free to move the air purifier in anywhere.

Connect to air duct

To satisfy different environment, innoclean iS1006 series could connect with air duct.

Durable

The iS1006 series is made by metal. It is more durable and rigid.



Feel something wrong, but don't know what air pollutants is in here

The innoclean innoscrubber iS1006 series is appropriated for diverse environments. The following is common issues and relevant solutions.

For easy understanding, the main pollutants of indoor air are classified into four categories: particles (such as dust and pollen), bacteria, chemicals (for example

formaldehyde, helium and TVOC) and odors, etc.)



For Library

We like to read book library as there is quiet & comfortable environment. Library aims to provide clean air and prevent cross infection area to readers. Dust and bacteria are main indoor air pollutants.

Also, the noise level is important factor. iS1006 series is only 39 - 45dB. Focus on remove dust and bacteria, iS1006H13 is the absolutely first choice.



For Office, Shared Space and Public Area

Dust & pollen are common pollutants in office & shared space. There are common allergen. These pollutants may come from the HVAC system at property. Poor air quality will affect our health and decrease

production. Also, bacteria are potential risk in office, shared space and public area including shopping mall and theater, etc. iS1006 series is equipped H13 HEPA filter which is effective to prevent cross infection.



For Decoration

After and during decoration, dust, VOC, formaldehyde and odor, etc are the main indoor air pollutants. These pollutants will harm our health. The innoclean innoscrubber iS1006 series with wheel is more convenience to move.

iS1006H13HC could equip professional honeycomb carbon filter to solve heavy polluted environment. During decoration such painting, focusing point to remove is required. Just connect air duct, iS1006H13HC is easy to deal.



For Gym & Yoga

We love gym and yoga, etc as it can let's relax and get healthier. However, the fitness room may contain high levels of dust, formaldehyde, carbon dioxide and odor. How healthy is the air you are breathing when doing exercise?

iS1006H13HC is effective to remove these pollutants. Also, it is free to move every-time, more flexible for user.



For Playgroup and School (Education)

Children and teenagers, even baby spend so much time to education including studying in school, tutoring and playgroup, etc. As their immune systems are still being built, children get sick more often than

adults. Schools are hotbeds for airborne allergens. The number of children with sensitive or nasal sensation rises year by year. To ensure health, use super quiet and H13 HEPA differential air generator iS1006H13.



For medical and clinic

Patients are gathering in hospital and clinic including lobby, waiting room and doctor room, etc. Therefore, prevent cross infection is most important. iS1006H13 is effective to remove bacteria, dust, pollen silent. It could provide silent and health

and allergy, etc. The air purifier is super silent. It could provide silent and health environment for patients and medical staff.

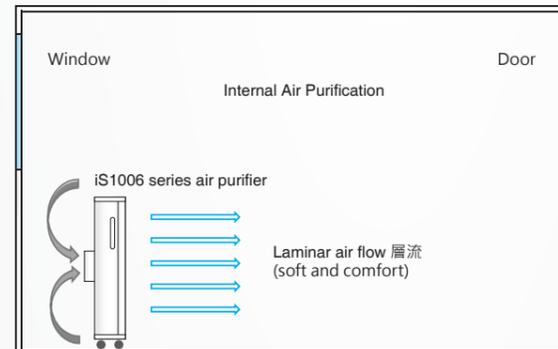
Different applications achieve different goals

It is quite confused for many people that how to place the air purifier. Some people may think no need to consider too much, just place it in the middle of the room. Actually, iS1006 series could adopt different placements or installations to achieve different goals.



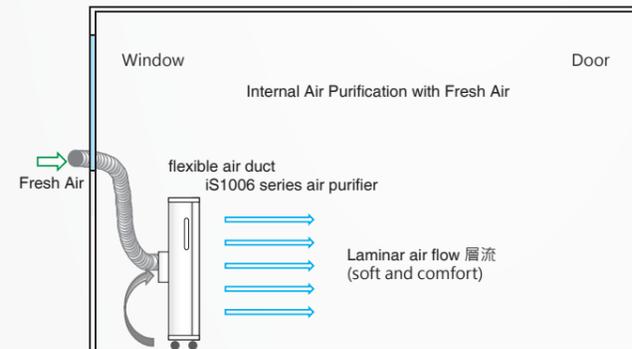
General internal air purification

It is very common goal that is used air purifier to improve indoor air quality. For instance, using iS1006H13 air purifier remove bacteria and dust, prevent cross infection, increase productivity and maintain well-being workplace.



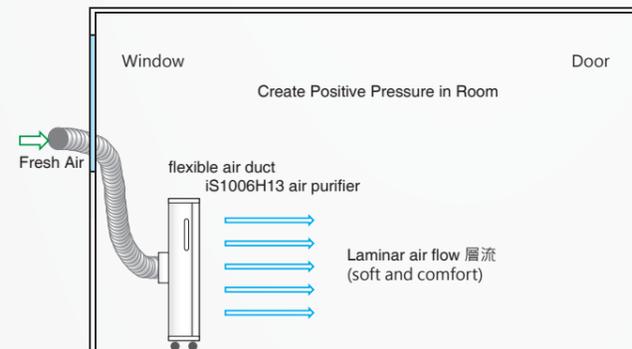
Internal air purification with fresh air intake to provide more fresh air

Some location (like hermetic space) lacks fresh air. People will feel inconvenience and dizziness, etc. As for air does not flow, air pollutants are easy accumulated especially CO₂. Connecting air duct is effective to introduce and purify fresh air from outside. At the same time, the air purifier purifies internal air.



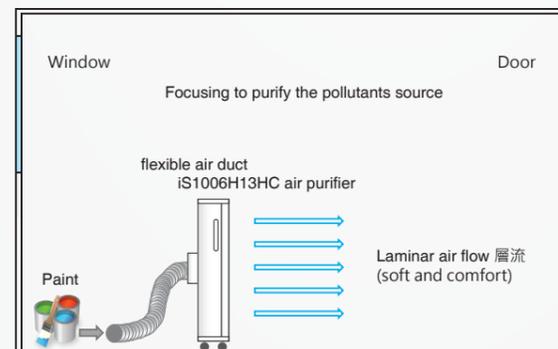
Create clean air with Positive Pressure design in the area

For high level of contamination and pollutants control requirement (eg microelectronics factor, testing laboratory and food production, etc), positive pressure room is required. The iS1006H13 application could create positive pressure room to keep contaminants from entering. Using laminar air flow ensures that new, filtered air continuously cycles into the room and removes any lingering contamination.



Focusing point to point fast and direct extract with powerful purification of air pollutants

Sometimes, we will face focused air pollutants which are caused specific activities. These pollutants are very heavily and harmful our health such as TVOC, formaldehyde and benzene, etc. The most common example is decoration, craft, solder and paint, etc. It is required point to point remove these air pollutants very fast as soon as possible. Therefore, iS1006H13HC is the best solution.



One pass efficient Air outflow	
- 0.3µm	0
- 0.5µm	0
- 1.0µm	0
- 2.0µm	0
- 5.0µm	0

H13 HEPA Filter True Hospital Grade

HEPA filter is mechanical air filtration removes particles from the air stream because particles come into contact with the surface of fibers in the filter media and adhere to the fibers. The mechanisms by which the particles come into contact with the fibers in the filter media are straining (sieving), interception, diffusion, inertial separation and Electrostatic attraction.

H13 grade HEPA filter is widely used in hospital and medical industry. It is effective to remove 0.3µm particles. According to EN 1822 standard, the requirement of H13 HEPA filter's average efficient is at least 99.95% (most penetrating particle size).

The dimension of iS1006H13 is 1170x570x69mm. The iS1006 series are adopting laminar flow. The advantages are large contact area, comfortable, making it easier and efficient for dust particles be captured on the H13 HEPA filter. At the same time, after the filter element is unfolded, the area is up to 20m² (5 – 10 Times filter working area of normal air cleaner's HEPA filter on market), which greatly increases the dust holding capacity and effectively extends the life of the filter element.



Beside chemical and odor, the highly concerned issue is bacteria, microorganism & mites.

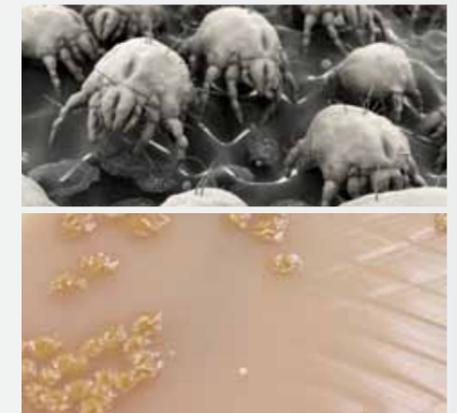
Ultraviolet (UV) is electromagnetic radiation with a wavelength from 10 nm to 400 nm, shorter than that of visible light but longer than X-rays. UV radiation is present in sunlight constituting about 10% of the total light output of the Sun. There are three types of UV (UV-A, UV-B and UV-C).

Germicidal ultraviolet means UV-C as it is shortwave UV. The wavelength of UV is 253.7 nanometers. UV-C is in effect to kill germs, such as bacteria, viruses, mold, fungi and spores, that transmit infections, cause allergies, trigger asthma attacks or cause other unhealthy effects. UV-C destroys the DNA of these microbial contaminants rendering them sterile. If microbes are irradiated with enough dosage germicidal UV, they can no longer reproduce and over time disappear from the indoor environment.

From scientific research shows that ultraviolet light can directly damage the DNA of bacteria, effectively killing the bacteria directly. Germicidal UV has been

used safely and effectively in hospitals, clinics and laboratories for more than 60 years.

UV Intensity is evaluated the power of UV-C. The UV intensity of innoclean iS1006 series is 27,026μW/cm² so the UV intensity is 5 - 10 times that of the same kind on the market.



Deal with heavily chemical pollutants and odor

The issue of odor and harmful pollutant gas are occurred in surroundings such as gym room, painting activities, decoration and cooking fume, etc. the more time people ignore how to solve. There is a widely held perception in many parts of the world today that indoor air quality and health are in decline.

In order to solve the issues, **innoScrubber iS1006H13HC is equipped PhotoTroph Honeycomb Carbon Deodorize Filter** (Colossal **9 kg** of active carbon). 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, NH₃, H₂S and SO₂, etc). It's widely used in the air conditioner, air purifier and HVAC system.

Features of innoScrubber iS1006H13HC

- Extremely Low Pressure Drop
- High Purification Efficiency
- Colossal 9kg of active carbon
- Solution to Odor and Chemical
- Long service lifetime
- Testing report and excellent feedback
- Lower the operating cost
- Easy maintenance
- Movable
- Focusing point to point fast and direct remove heavily air pollutants
- Connect with air duct (optional)

data shows everything

Hong Kong Productivity Council
One Pass Odor Removal Efficiency

food garbage smell

97.8%

decoration smell

97.6%

cooking fume smell

97.8%

9 KG
Honeycomb Carbon Filter



How to select your iS1006 model? (Concept for selection)

innoclean iS1006H13 and iS1006H13HC is appropriated in a wide range of environment. The air purifier has stable and large air volume; large service area is proper. Made of metal casing, it is durable and hard to wear. In order to facilitate the customer to move the air purifier, it has been equipped with lockable wheels.

innoclean iS1006H13

Simply, iS1006H13 is equipped H13 HEPA filter (True hospital grade HEPA filter) and carbon filter is focused on solve dust and bacteria issues such as school, offices, lobby, nursing homes, lounge, library, playgroup and restaurants, even low dust requirement such as production line and clinic. H13 HEPA filter is effective to remove 0.3 micro-meter fine dust, pollen, allergy and bacteria. For purifying general odor and chemical such as TVOC, the air purifier is configured carbon filter to solve these problems.

innoclean iS1006H13HC

To deal properly with heavily chemical and odor, iS1006H13HC is the best solution. This model is equipped H13 HEPA filter and professional PhotoTroph Honeycomb Carbon Deodorize Filter. The professional PhotoTroph Honeycomb Carbon Deodorize Filter 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. 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, NH₃, H₂S and SO₂, etc).

