

102FCU

Bipolar Ionization Air Purification System Series
(DESIGN FOR FAN COIL UNIT)

SMOKE & DUST REMOVAL

Smoke and dust removal offers critical protection against health risks, particularly by reducing respiratory issues. Eliminating these pollutants yields far-reaching benefits for human health and the longevity of indoor spaces. Advantages that are especially vital for children, the elderly, and individuals with pre-existing respiratory conditions.

BAD ODOR AND CHEMICAL REMOVAL

Removing bad odors and harmful chemicals (such as TVOCs and HCHO) from indoor air reduces toxic exposure, lowering the risk of acute and chronic health issues. While enhancing immediate comfort and long-term health and creating a safer, more livable environment. Critical for homes, offices, or healthcare settings.

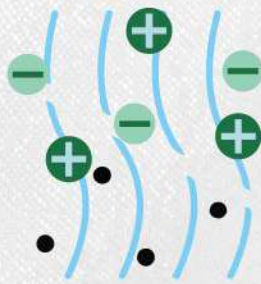
BACTERIA AND VIRUS KILL

Killing bacteria and viruses prevents the spread of infectious diseases and safeguards public health. Especially in enclosed spaces where pathogens linger and transmit easily. Protecting individuals and fostering safer, healthier indoor environments for living, working, and gathering without unnecessary risk.

PLASMA AIR DISINFECTION AND PURIFICATION TECHNOLOGY



Molecular structure of the VOC's are broken down and them non volatile reacting by with the oxygen ions.



Harmful gases, aerosols will get neutralized in contact with ions and reduces bad odours.



Ions charge airborne contaminants, causing them to cluster and be captured.



Viruses and other pathogens are deactivated when they bond with oxygen ions.



• Bipolar Ionization Air Purification System Series

APPLICATIONS



MEDICAL SPACE: Inhibit the spread of germs and improve hygiene standards.



HOTELS AND BUSINESS PLACES: Eliminate odors and create a fresh environment.



OFFICE SPACE: Improve air quality and enhance employee comfort.

MAIN BENEFITS



SPACE-SAVING

No need for separate additional purification equipment, saving indoor space.



EFFICIENT AIR CIRCULATION

Via the FCU, the plasma generator can quickly purify air throughout the entire space.

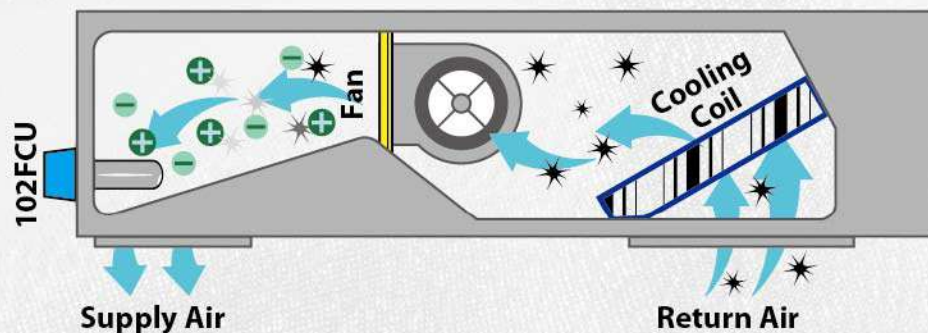


REDUCED ENERGY CONSUMPTION

When operating in conjunction with the FCU, the purification effect is more efficient with lower energy consumption.



The 102FCU is designed for fan coil units. Integrating plasma technology into FCUs can effectively optimize air quality without compromising the original air conditioning performance.



TECHNICAL DATA

Brand	innoclean® - Trademarked in Australia
Series	Bipolar Ionization Air Purification System Series
Model	102FCU (Design for Fan Coil Unit)
Type	Fan Coil Unit - In-Induct Type
Purification process by	
Air Flow Catering Capacity	400 - 800 cfm / 0.19 - 0.37 m3/s
Covering area	300 ft.2
Ionization Tube	Bipolar Ionization Tube
Ionization Tune	100mm (4 inch) tube x 1
Lamp Indication	LED lamp power indication
Fuse Protect	Chip and Fuse Protect
Ballast Size	130 x 90 x 80 (W x D x H) mm
Whole size with tube	185 x 90 x 80 (W x D x H) mm
Weight	1 kg
Power Consumption	5W +/- 10%
Voltage	AC220V > DC24V
Operate	Interlock with FCU power
Capacity Control	Yes (50% - 100%)
Made in	China (OEM)

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

innoclean™
- www.innoclean.com -



Bipolar Ionization
<https://innoclean.com/products-bi-polar.html>



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