

EC920

Ceiling Type NCCO Air Treatment Unit

This very flexible unit can easily be placed on walls or into ceilings and does not require any additional exhaust ventilation. It includes our world-wide patented NCCO technology and is ideal for the removal of odour, bacteria/viruses, VOCs and formaldehyde from affected areas.

- ▲ Available voltage 220-240V~ 50-60Hz.
- ▲ Has multiple modes including ECO and TURBO mode.
- ▲ Remote control for easy operation.
- ▲ Typically used for room sizes of 20 - 90 m².*
- ▲ Longest filter life in industry.

Benefits of NCCO (Nano Confined Catalytic Oxidation) filter system

- ▲ Disinfects and Deodorises.
- ▲ Reduces the number of air changes.
- ▲ Effectively removes bacteria, viruses and TVOCs (including formaldehyde)
- ▲ Protects health of employees - providing better working environment and increase in productivity.
- ▲ Collects allergens.
- ▲ Prevents inhalation of suspended particulates.
- ▲ Concentration of PM_{2.5} and ozone reaches IAQ (Indoor Air Quality) excellent class.

Where can it be used?

- ▲ Hospitals – Barrier/isolation wards, labs, diagnostic rooms, store rooms.
- ▲ Animal hospitals.
- ▲ Pharmaceutical industry.
- ▲ Care Homes.
- ▲ Printing industry. (including 3D printing)
- ▲ Airports (e.g. smoking rooms) and railway stations. (e.g. rest rooms)
- ▲ Malls and stadiums.
- ▲ Hotels and offices.
- ▲ Premises located in poor air quality environment, e.g. landfills, industrial areas, etc.

* Removal efficiency dependent on sources of air pollutant encountered in room of use



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Product Specification

Power Supply		220-240V~ 50-60Hz				
Power Consumption (W)	Mode	Lowest (01)	11 W			
		Highest (10)	52 W			
		Turbo (SS)	80 W			
Airflow Volume	Mode		CMH	CFM		
		Lowest (01)	120 m ³ /hr	71 ft ³ /min		
		Highest (10)	330 m ³ /hr	194 ft ³ /min		
		Turbo (SS)	400 m ³ /hr	235 ft ³ /min		
Airflow Volume (Fan Specification)		1130 m ³ /hr	665 ft ³ /min			
Noise Level	Mode	Lowest (01)	41 dB			
		Highest (10)	50 dB			
		Turbo (SS)	55 dB			
Applicable Area (m ²)		20 - 90 m ²				
Product Dimension (mm)		755 (L) x 660 (W) x 200 (H) mm				
Packing	Packing Dimension (mm)		855 (L) x 715 (W) x 315 (H) mm			
	NCCO Dimension (mm)		229 (L) x 219 (W) x 41 (H) mm			
	Packing Details		Main Unit x 1, Power Cord x 1, Pre-filter (Round Shape) + Static Filter x 1, (Small) Pre-filter x 4, HEPA Filter x 4, NCCO Reactor x 4, Warranty Card, Rating Label x 1, NCCO Label x 1, High Voltage Caution Label x 1, English & Traditional Chinese & Simplified Chinese Operation Manual			
Weight (kg)	Net Weight		21 kg			
	Gross Weight		23 kg			
Treatment System		Stage 1	Stage 2	Stage 3	Stage 4	Stage 5
		Pre-filter	Static Filter	Active Oxygen Generator	HEPA Filter	NCCO Reactor
Function		Captures dust particles, hair and pets dander.	Captures fine and negatively charged particles.	Neutralizes allergens, bacteria and viruses. Enhances decomposition of VOCs.	Captures pollen, allergens, bacteria, viruses and PM _{2.5} particles.	Removes gaseous odours. Decomposes VOCs and formaldehyde. System regenerates automatically.

* Removal efficiency is dependant on the number of pollutant sources in the room of use.

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