

RH-220

Fresh Air / Duct Mount Type NCCO Air Treatment Unit

This is the most established unit within our NCCO air filtration family and is a very practical mobile unit that can also be attached to ventilation ducting.

It includes our world-wide patented NCCO technology and is ideal for the removal of odour, bacteria/viruses, VOCs and formaldehyde.

- ▲ Available voltage 110-240V~ 50-60Hz.
- ▲ Has multiple speed modes.
- ▲ Includes 3 stage treatment systems.
- ▲ Typically used for room sizes of 20 - 60 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.

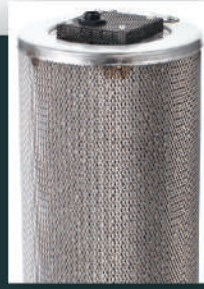
Where can it be used?

- ▲ Hospitals – Barrier/isolation wards, labs, diagnostic rooms, store rooms.
- ▲ Animal hospital.
- ▲ 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		110-240V~ 50-60Hz		
Power Consumption (W)	Mode	Lowest (01)	6 W	
		Medium (02)	23 W	
		Highest (03)	40 W	
Airflow Volume	Mode		CMH	CFM
		Lowest (01)	70 m ³ /hr	41 ft ³ /min
		Medium (02)	160 m ³ /hr	94 ft ³ /min
		Highest (03)	230 m ³ /hr	135 ft ³ /min
Airflow Volume (Fan Specification)		285 m ³ /hr	168 ft ³ /min	
Noise Level	Mode	Lowest (01)	40 dB	
		Medium (02)	52 dB	
		Highest (03)	62 dB	
Applicable Area (m ²)		20 - 60 m ²		
Product Dimension (mm)		638 (L) x 303 (W) x 270 (H) mm		
Packing	Packing Dimension (mm)		715 (L) x 335 (W) x 340 (H) mm	
	NCCO Dimension (mm)		154 (L) x 154 (W) x 253 (H) mm	
	Packing Details		Main Unit x 1, HEPA Filter x 1, NCCO Reactor x 1, Remote Control x 1, Rating Label x 1, High Voltage Caution Label x 1, Warning Label x 1, Warranty Card, English & Traditional Chinese & Simple Chinese Operation Manual	
Weight (kg)	Net Weight		12.5 kg	
	Gross Weight		14.1 kg	
Treatment System	Stage 1	Stage 2	Stage 3	
	Active Oxygen Generator	HEPA Filter	NCCO Reactor	
Function	Sterilizes, decomposes odour and air pollutants.	Traps PM _{2.5} fine dust, hair and airborne particles such as allergens, pollen, bacteria, viruses and fungi.	Removes odour, decomposes and oxidizes harmful pollutants such as formaldehyde and VOCs.	

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

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