

## CEILING TYPE NCCO AIR TREATMENT UNIT

Experience the powerful hero model-RH-490C. This model decomposes fumes or pollutants from the ceiling / false ceiling without needing a connection to ventilation systems. It effectively removes pollutants and improves air quality, making it ideal for environments like public toilets and medical testing centers. RH-490C is splash-proof and rust-resistant. With the RH-490C, you are safeguarding the health of both employees and clients.

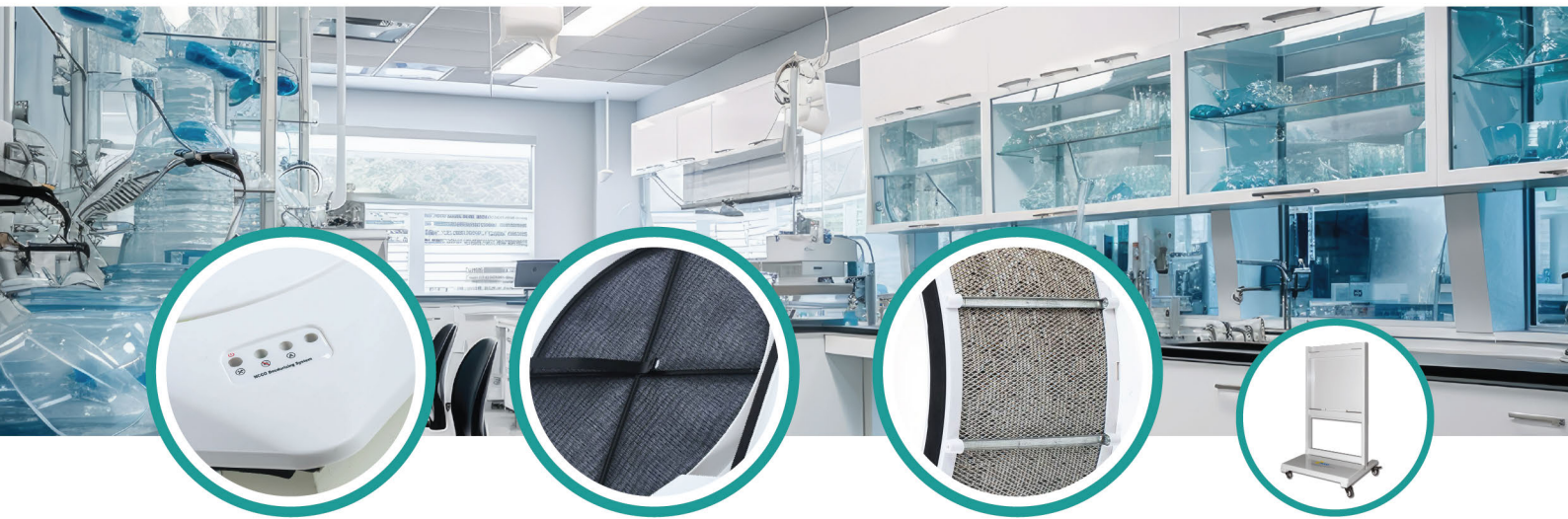
### WHAT IS NCCO? (Nano Confined Catalytic Oxidation)

NCCO air treatment technology focuses on the decomposition of pollutants instead of its adsorption, therefore no secondary pollution will be caused and the filter can be used for a long period of time.

### 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<sub>2.5</sub> and ozone reaches IAQ (Indoor Air Quality) excellent class



Control Panel

Pre- Filter

NCCO Reactor

Can be installed with mobile trolley

POWER SUPPLY			220-240V ~50Hz		
POWER CONSUMPTION (W)	MODE	LOWEST (SILENT)	60W		
		HIGHEST (AUTO)	80W		
AIRFLOW VOLUME WITH FULL SET OF FILTERS	MODE	LOWEST (SILENT)	CMH 200 m <sup>3</sup> /hr	CFM 118 ft <sup>3</sup> /min	
		HIGHEST (AUTO)	CMH 330 m <sup>3</sup> /hr	CFM 194 ft <sup>3</sup> /min	
NOISE LEVEL	MODE	LOWEST (SILENT)	45dB		
		HIGHEST (AUTO)	54dB		
APPLICABLE AREA (m <sup>2</sup> )			40-100m <sup>2</sup>		
PRODUCT DIMENSION (mm)			675(L) x 625(W) x 288(H)		
PACKING DIMENSION (mm)			775(L) x 695(W) x 355(H)		
WEIGHT (kg)	NET WEIGHT		25.9kg		
	GROSS WEIGHT		29.9kg		
SAFETY			Not generate ozone or UV in excess of the safety standards specified by the occupational.		
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 <sub>2.5</sub> particles.	Removes odours. Decomposes VOCs and formaldehyde. System regenerates automatically.



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