

# Breath to Believe













## NCCO Air Purification Technology:

#### Polluted Air In









Oxidizes bacteria. viruses and allergens,

**HEPA Filter** 

#### Clean Air Out



Decomposes VOCs. harmful substances into CO<sub>2</sub> and H<sub>2</sub>O

**NCCO Reactor** 

#### **Ozone Generator**

#### **Pre-Filter**

# Filters out dust and hair

Filters out PM<sub>10</sub> particulates, allergens, pollen and cigarette smoke



Static Filter











and viruses

Filters out PM<sub>2.5</sub> particulates, microbes, bacteria







Odor

and formaldehyde



Removes foul odor. Oxidizes and decomposes harmful material, Volatile Organic Compounds (VOCs)



Hair

Allergen Bacteria

Oxygen

Generator

Pollen

PM<sub>2.5</sub>

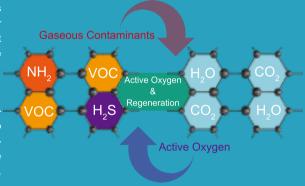
VOC Formaldehyde

## What is NCCO?

NCCO stands for Nano Confined Catalytic Oxidation and is a unique patented technology that removes pollutants and odor from an internal environment. It was invented by a member of an Entrepreneurship Program run by the world acclaimed Hong Kong University of Science and Technology (HKUST).

which will need filter changes or become saturated, our NCCO filter regenerating itself to prolong the system's life, and also improve the purification efficiency.

ized to treat specific air pollutants such as carcinogens and so maintaining a high air purification capacity in different environments and locations. This property is ideally reflected in our range clean and odorless environment.



## Our Customers

#### **Hospitals**

Yan Chai Hospital **United Christian Hospital** 

Hong Kong Baptist Hospital

#### **Banks**

Hang Seng Bank

### Infrastructures & Buildings

Hong Kong Exchanges and Clearing Limited Hong Kong Science Park Hong Kong International Airport Kowloon Bay International Trade & Exhibition Centre

#### **Hotels & Residential**

The Peninsula Hong Kong Hong Kong Mandarin Oriental Hotel Novotel Century Hong Kong

#### **Governmental Sectors**

Electrical and Mechanical Services Department Hong Kong Housing Authority Leisure and Cultural Services Department Food and Environmental Hygiene Department

Correctional Services Department

#### Schools & Colleges

The University of Hong Kong Hong Kong Baptist University The Hong Kong University of Science and Technology The Hong Kong Polytechnic University The Chinese University of Hong Kong

<sup>\*</sup> Filter Combo may vary depending on model type.



- Curved Air Outlets Smooth air blowing & low noise operation
- Multi Fan Speed Selection Select air speed based on air quality.
- Four Air Filtering Treatment Systems Provide highly efficient air purification.

Airflow Volume	<80 - 280 m <sup>3</sup> /hr
Power Consumption	16 - 40 W
Noise Level	37 - 54 dB
Color	White
Net Weight	8.5 kg
Size	340 x 200 x 550 mm

340 X 200 X 550 mm



- Small Ergonomic Design Easy to move and takes up little space.
- Quick Release Function Suitable for car seats, cribs or infants chairs.
- Built-in rechargeable lithium battery giving 8hrs of energy Therefore not limited for use inside the house.

Airflow Volume	18 - 23 m³/hr
Power Consumption	1.8 - 2.2 W
Noise Level	40 - 43 dB
Color	White
Net Weight	0.88 kg
Size	170 x 170 x 78 mm



- Simple Design Flexibility for all room environment.
- Eco Mode Quiet operation to create a comfortable sleeping environment for Mother and Baby.
- Round Button Digital display brings an easy operation.

Airflow Volume	35 - 170 m³/hr
Power Consumption	3 - 20 W
Noise Level	36 - 56 dB
Color	White
Net Weight	4.9 kg
Size	340 x 200 x 348 mm



## **BM150**

Mother & Baby NCCO Air Treatment Unit Plus









Curved Air Outlets

Lock Setting

- Curved ergo design Provides safety and security where needed.
- Easy Installation No difficult operation steps.
- Trolley Design Move the unit to anywhere without sweating.

Airflow Volume	120 - 385 m³/hr
Power Consumption	6 - 56 W
Noise Level	28 - 55 dB
Color	White
Net Weight	12.5 kg
Size	510 x 260 x 503 mm



## **BM300**

Double-Blower Intelligent NCCO Air Treatment Unit Plus











Curved Air

Lock Setting APP Operation

- Industrial Level Rival to industrial type air purifier with powerful air purifying capability.
- Hydrophilic Formulation Filter Perfect removal of formaldehyde
- Trolley Design Move the unit to anywhere without sweating.

Airflow Volume	180 - 780 m³/hr
Power Consumption	10 - 86 W
Noise Level	26 - 58 dB
Color	White
Net Weight	21.6 kg
Size	510 x 260 x 893 mm







You Tube NCCOpurifier

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