

Air Purifier Introduction

GCC300ASNB



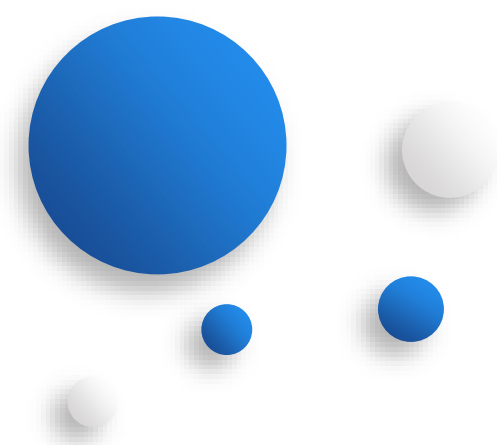


GCC300ASNB

- CADR: 302 m³/h, suitable for rooms up to 42m²
- CKER Purification System : CEP plasma constant effect purification technology+HEPA H13 high-efficiency filtration+the intelligent temperature control system
- Effectively reduce the bacteria, virus in the air (H1N1 virus-99.99%、EV71 virus-99.99%、staphylococcus alba-99.99%、 natural bacteria-96%)
- Removing 50/cm3 aerosol particles per minute on average, the removal efficiency was 96.99%
- Remove 10 million biological particles/min on average
- LED display with touch screen control
- 4 speeds, 3 lights (green, yellow, red) show the air quality level
- PM2.5 digital real-time display
- User-friendly design like filter replacement reminder, drawer design for dust removal component , concealed design for castors

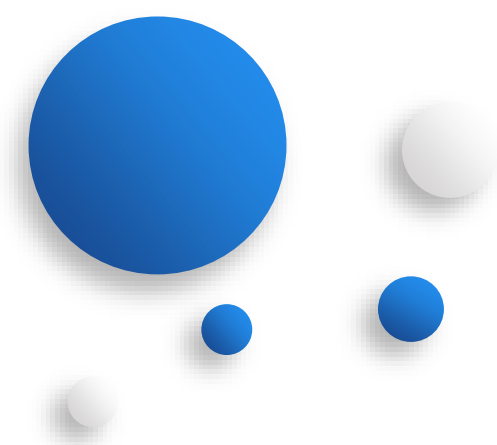


Product code	Particulate Matters CADR(m³/h)	Power(W)	Product Size(W*D*Hmm)	Applicable area(m²)	Loading Qty/40HQ
GCC300ASNB	300	58/1940	370×423×1273	21~36	162



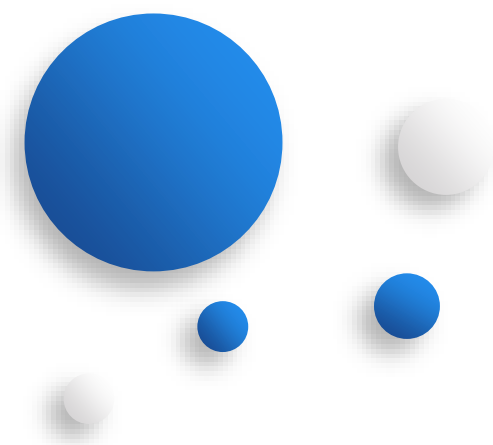
Appearance





Appearance





Function

Tri-color lights show air quality :

Green: air quality is very good

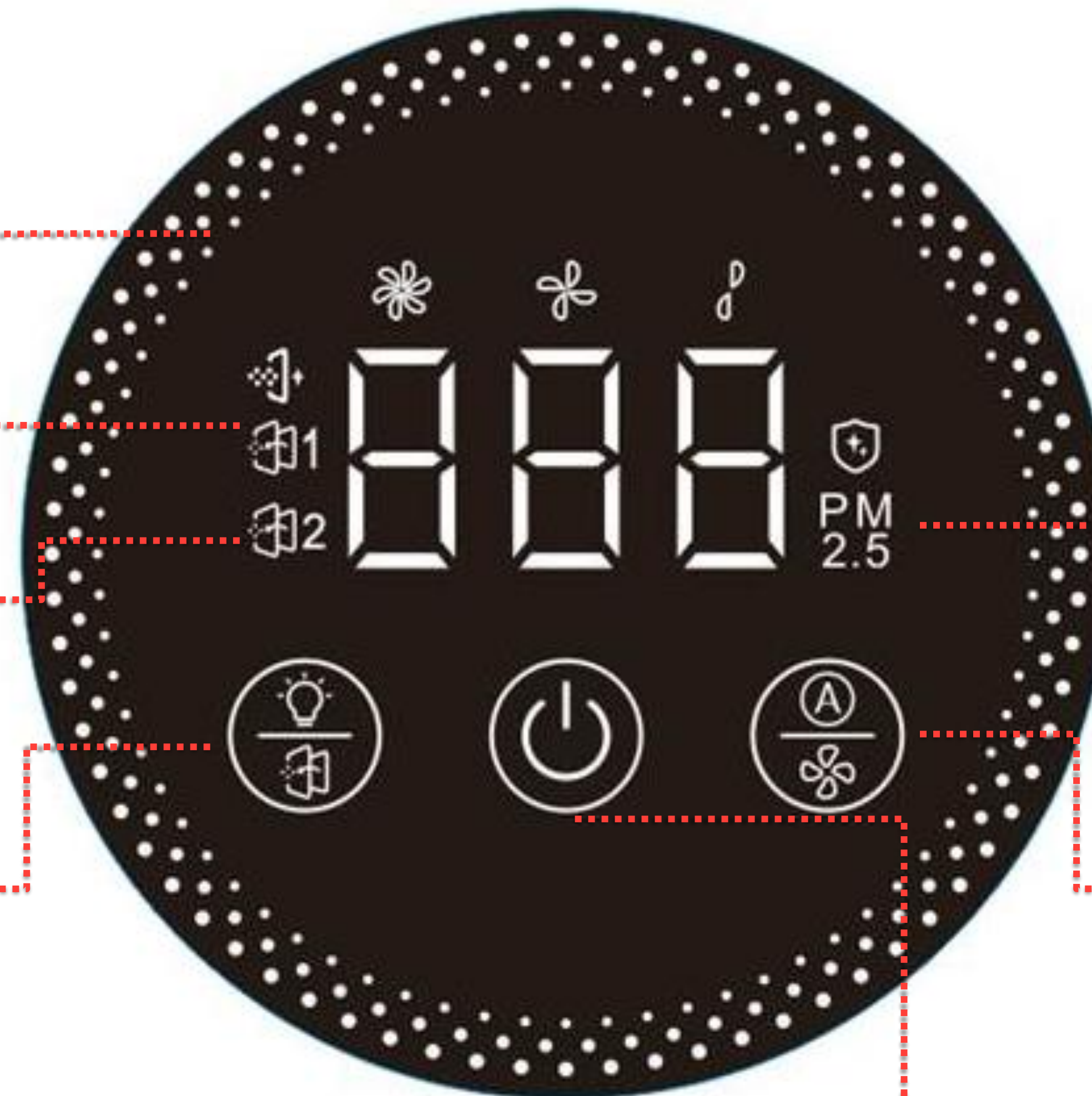
Yellow: air quality is general

Red: air quality is bad

HEPA Filter Replace
reminder indicator

Deoxidized Filter Replace
reminder indicator

ON/OFF control for tri-
color light
Filter Reset button



PM2.5 digital display

4 modes for selection
High/Mid/Low/Auto

Power ON/OFF control button



Four modes



High speed

Reduce the virus in the air quickly;
noise is 58.2dB (A)



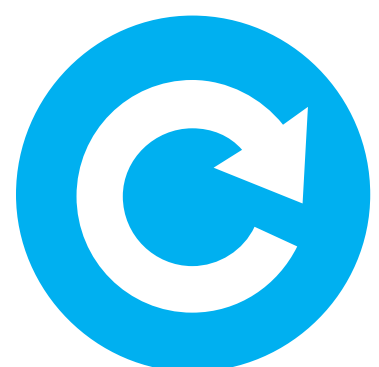
Mid speed

Reduce the virus and clean the air



Low speed

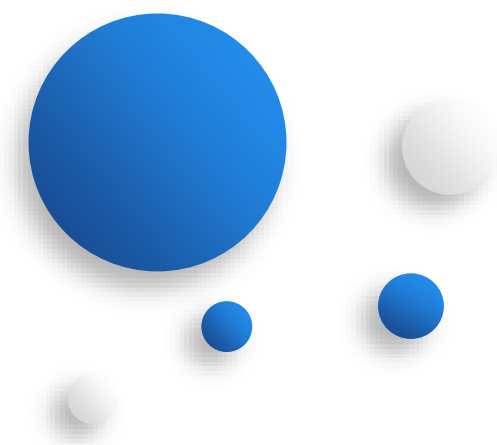
Under low mode, the noise is as low as
33.4dB (A)



Auto

Adjust the notch automatically
according to the concentration of
indoor PM2.5

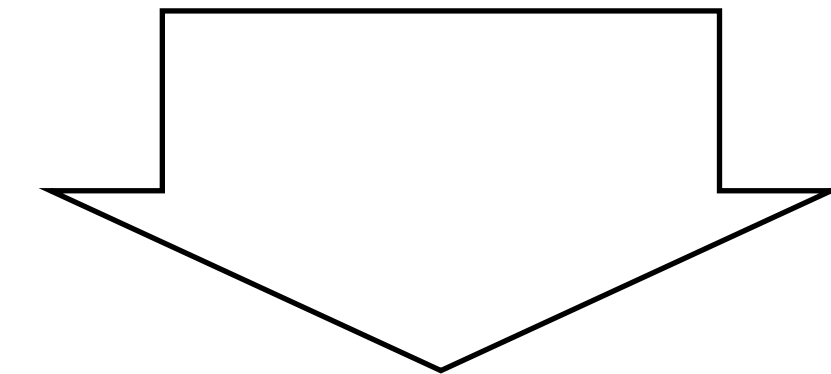




Technical Principle



CKER purification system



1

**CEP plasma constant efficiency
purification technology**

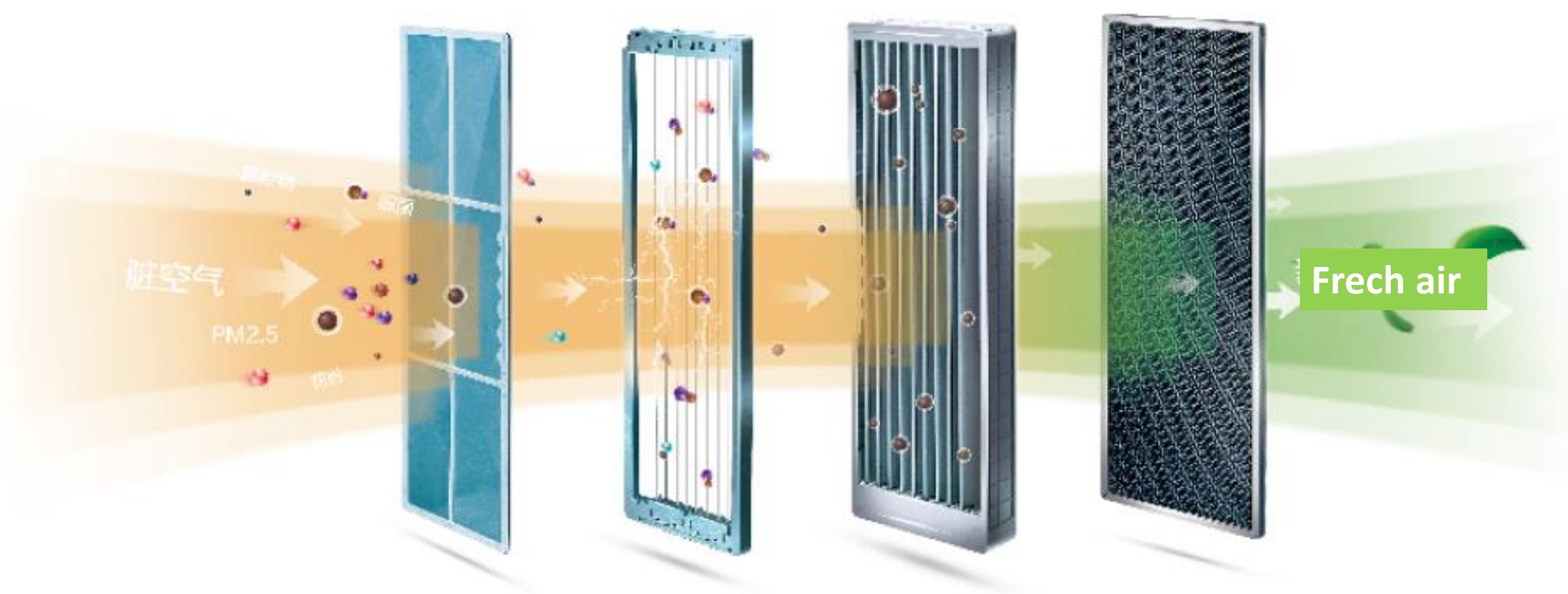
2

HEPA H13 high-efficiency filtration

3

**The intelligent temperature control
system**

The First Safeguard: CEP Plasma Constant Efficiency Purification Technology



STEP 1

STEP 2

STEP 3

STEP 4

Initial filter

Filtrate hair, scurf of human and animal, coarse particles, etc.

Generation pole

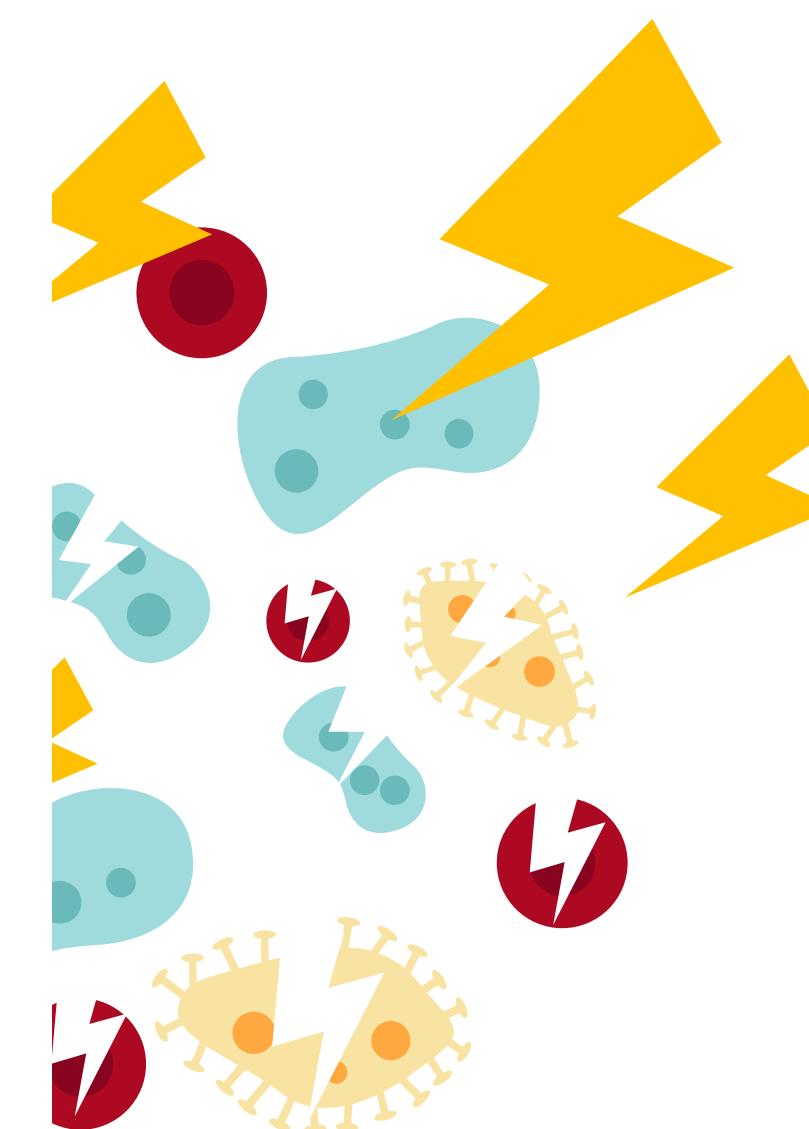
Plasma is formed and ion wind is generated kill or decompose harmful substances, e.g. bacteria; charge the particles to collect and absorb them

Collection pole

Collect harmful substance, e.g. dust, dead bacteria.

Ozone revivification screen

Revivify the residual ozone into fresh air.



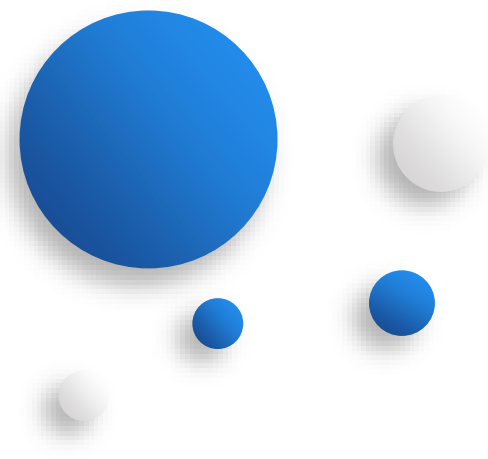
The technology uses corona discharge to produce plasma, which destroys bacteria and viruses and inactivates them. The inactive bacteria and viral debris are collected together

The second safeguard: HEPA H13 filter, with high-efficiency filtration



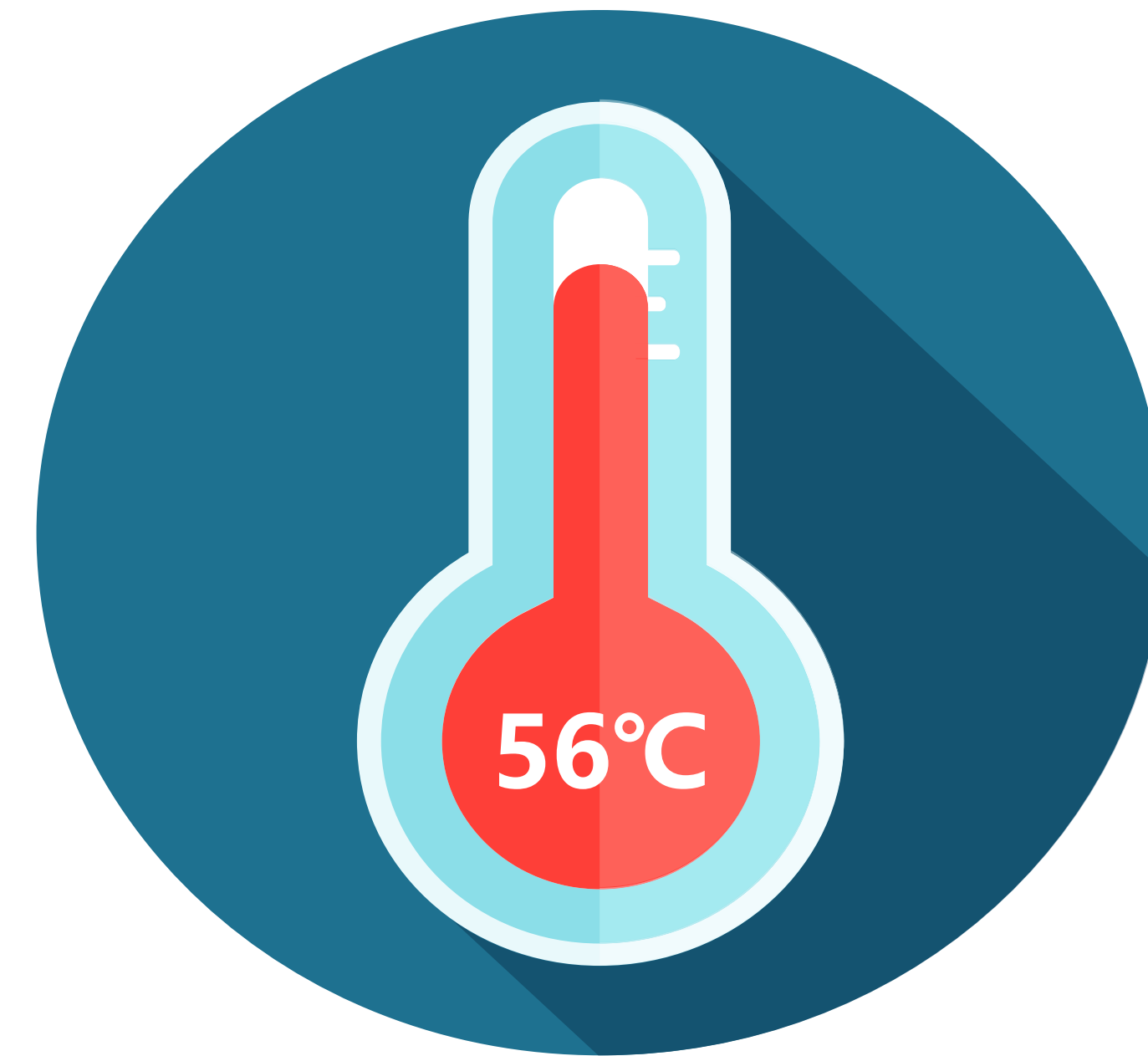
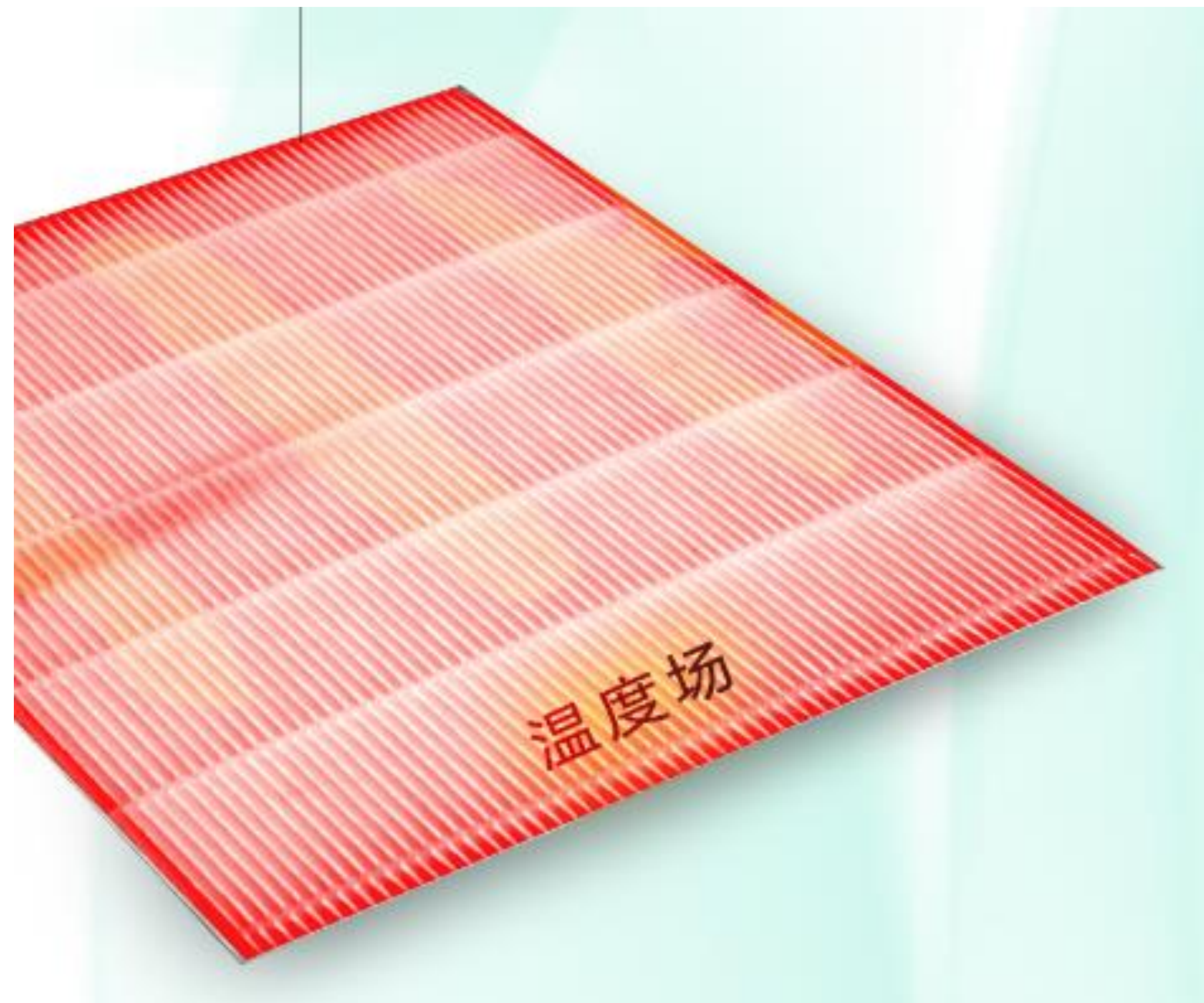
The second step is the use of H13 grade powerful filter, with a single filtration efficiency of **99.95%**, which can effectively intercept the very few virus and bacteria that escaped from the CEP plasma purification module. It can effectively purify 100nm (0.1 micron) size particles and filtrate pollutants of similar size.

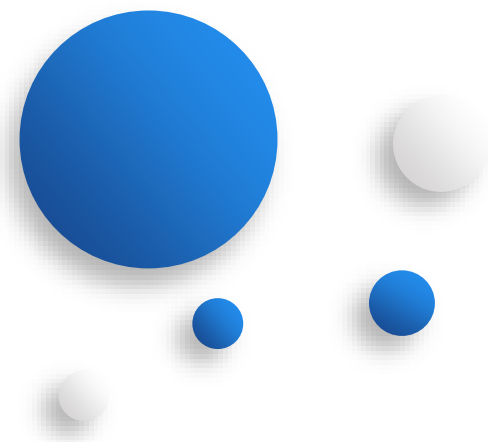




The third safeguard: the intelligent temperature control system

The intelligent temperature control system independently developed by Gree can realize automatic sensing and precise temperature control under different fan speeds, complex wind fields, and different ambient temperature and humidity conditions, so that the entire surface of the filter can be continuously maintained at a high temperature above 56°C, effectively eliminating viruses that are blocked on the filter, which can prevent virus and the secondary pollution.





Product parameters



Model	GCC300ASNB		
Main function	<div>1. Effectively reduce the bacteria, virus in the air (H1N1 virus-99.99%、EV71 virus-99.99%、staphylococcus alba-99.99%、natural bacteria-96%)</div> <div>2. Removal bioaerosol: remove 50 /cm3 aerosol particles per minute on average;</div> <div>3. Remove particulate matters: remove 10 million biological particles per minute on average.</div>		
Main technology	Efficient plasma filtration and collaborative heat treatment technology		
Particulate matters CADR	302m³/h		
Noise	62dB		
Rated input power (air purification)	58W	Maximum input power	1940W
Applicable areas	21-36m²	Applicable space	50-86m³
Product dimension	370×423×1273mm	Package dimension	553x493x1408mm
Net Weight	36.6kg	Gross Weight	42.5kg
Loading Quantity	20GP:60; 40GP:129; 40'HQ:162		

The image features a white background with decorative elements in the corners. In the top-left and bottom-left corners, there are clusters of blue and white circles of various sizes. In the top-right corner, there are also blue and white circles, including a large white circle. The text "THANK YOU!" is centered in the middle of the image.

THANK YOU!