



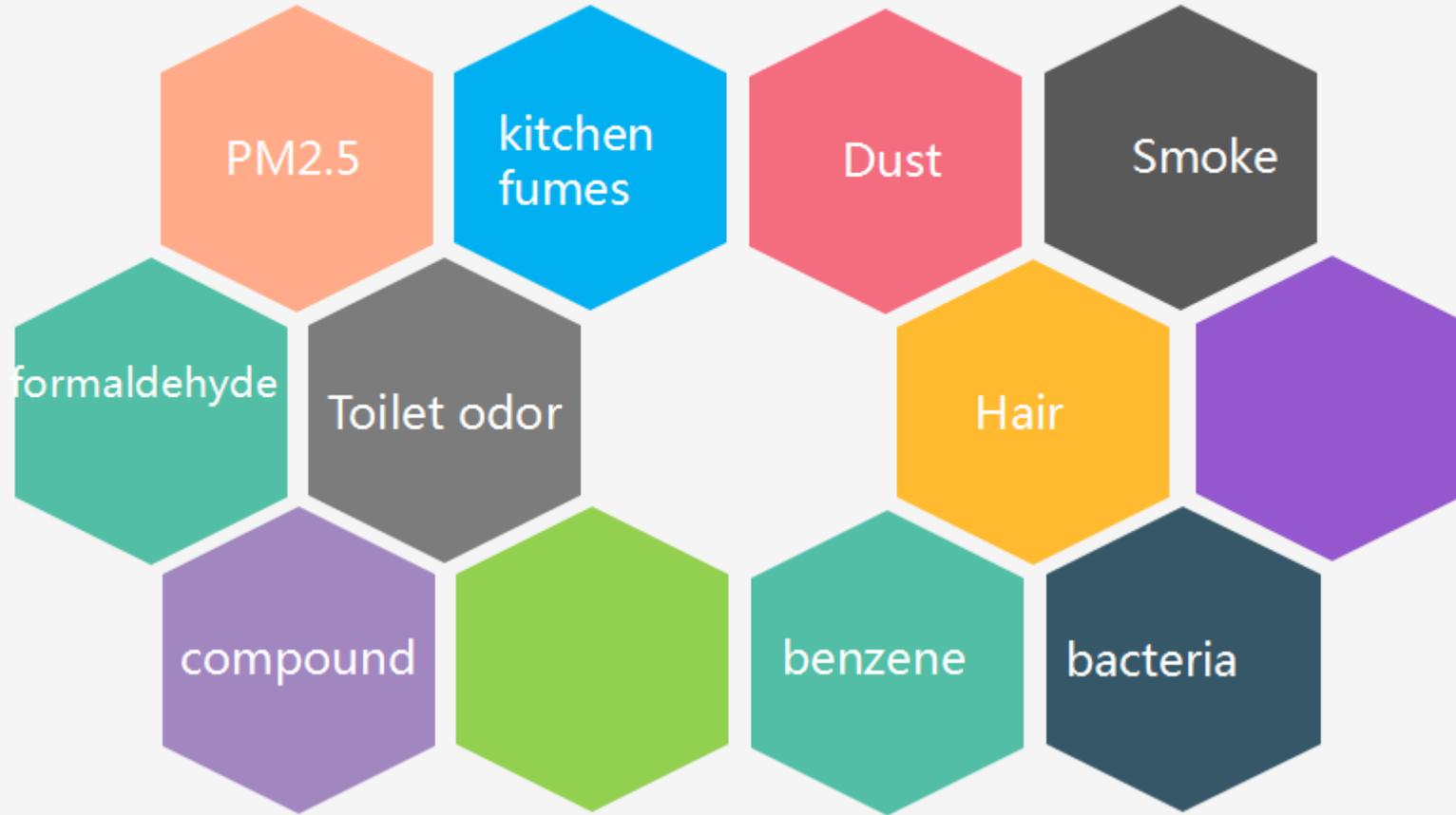
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# Air Purifier K07

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# Indoor pollutant



# Three Function

## Filter

Physical pollution

Pollen, Dust  
PM2.5. Smoke

## Resolve

Chemical pollution

Formaldehyde,  
Benzene,  
Toluene, TVOC

## Kill

biological  
contamination  
Bacteria, Germs,  
Mold, Fungus.  
Fungus, Insect mite

## Six Filter

1:Aluminium alloy strainer

3:Honeycomb activated Carbon filter

5: HEPA filter

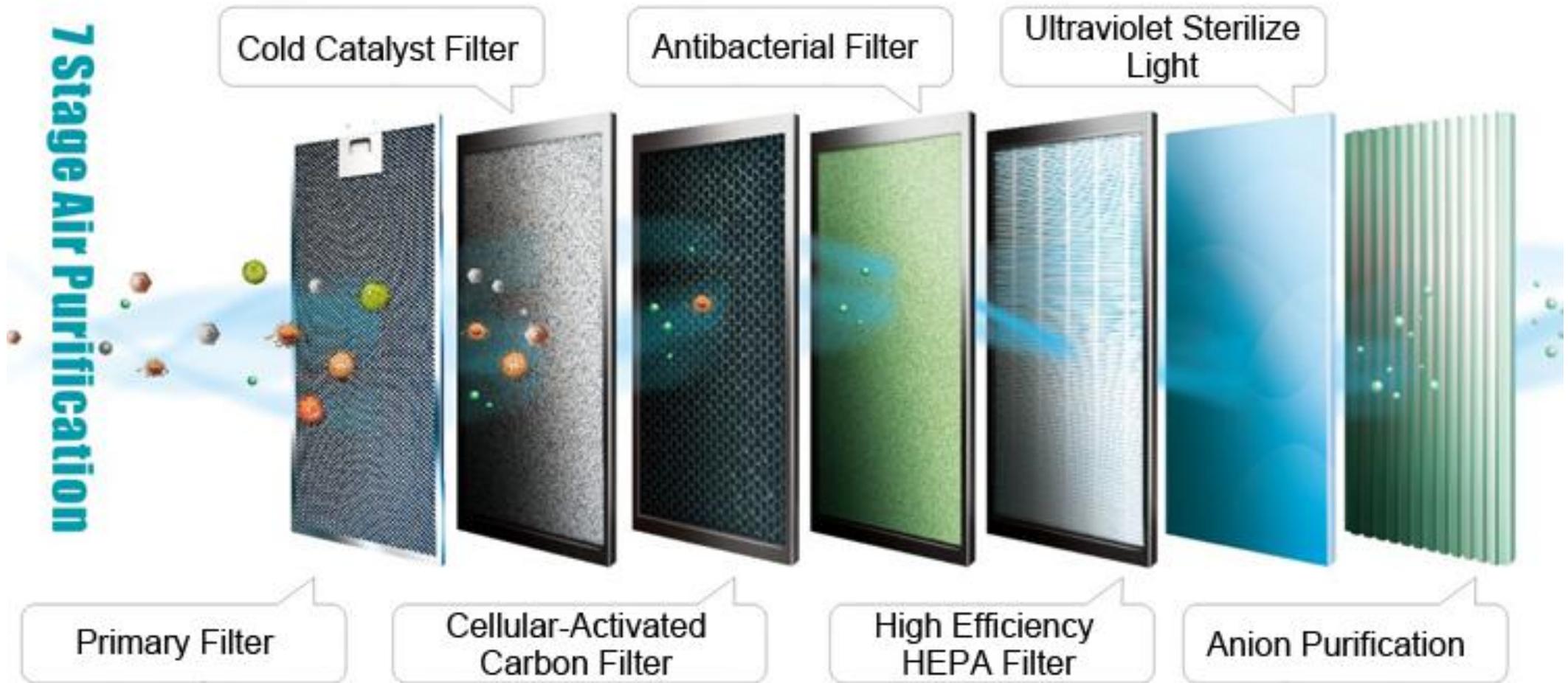
7:Anion Purification

2.Cold Catalyst filter

4: Antibacterial filter

6:Ultraviolet sterilization

# Air purifier filters





Front



Side



top



back

## 1: Aluminum alloy prefilter

1. The preface alloy dust filter can filter out the large particle dust, dandruff, pollen, floatation and other pollutants.
2. Multi-layer corrugated aluminum network with low initial resistance, high volume of dust and long service life
3. Light weight, compact structure, easy to install
4. Use compressed air to purge or clean the liquid for multiple cleaning and reuse
5. The performance of easy cooling can extend the life of the fan motor



## 2.Cold Catalyst filter

1. The catalytic decomposition of cold catalyst filter does not require UV, high temperature, high pressure. In the normal living environment can play a catalytic effect to control pollution.
2. Can break down a variety of harmful gases: cold catalyst can simultaneously catalyze the reaction of formaldehyde, ammonia, benzene, TVOC, hydrogen sulfide and other harmful gases with oxygen in the air to produce water and carbon dioxide.
3. Long-term role: in the catalytic reaction process, once the use of no external damage in the case, the validity of up to five years or more, the basic and formaldehyde release period synchronization, long-term effect of formaldehyde treatment.



## 4. Special effect filter (formaldehyde)

Special effects filter is made with special material, without toxic and harmless, the natural environment is to remove formaldehyde, mainly used in newly decorated house or new furniture more room. The removal rate was above 92%

Features:

1. Natural catalysis
2. Can decompose a variety of harmful gases
3. Long-term function,
4. No secondary pollution. Working principle:



NH<sub>2</sub>: amino, HCHO: formaldehyde, CH<sub>2</sub>: methylene, H<sub>2</sub>O: water



## 4. Antibacterial filter

1. We use the United States imported fiber diameter non-woven fabrics, with antibacterial, moisture, mildew, not easy to breed bacteria and other characteristics.
2. With the destruction of bacterial cell wall, is the cell membrane rupture, the cytoplasm without leakage, the termination of the microbial metabolic process, so that microorganisms can not grow and reproduce, mites and bacteria have a highly effective removal.



## 5. HEPA filter

1, Use high temperature meltblown fiber drawing production. Filtered tiny particles combined with multifunctional filters, the HEPA filter can filter out tiny particles larger than 20 nanometers in diameter, including bacterial molds, dust, allergens and some viruses. World Health Organization publications show that avian influenza, human influenza virus and Legionnaires are more than 20 nanometers.

2, The filter accuracy of 99.9%, filter pore size 0.01um, HEPA filter is a new high-altitude air purification materials, at room temperature without any energy, you can achieve dust (99.97%), sterilization (99.99%) purpose. For 0.1 microns or more of the dust (smoke, division, dust, etc.) adsorption rate of up to 99.97%, the Bacillus subtilis has a high ability to kill, the general bacteria are also a strong inhibitory effect.

3. Expanded area of 1.21 square meters, expand the length of 4.3 meters



## 5: ultraviolet sterilization

UVA is a wavelength of 320-400 nm. When the bacteria absorb uv, the DNA strand breaks down, causing the crosslinking of nucleic acid and protein to break up, killing off nucleic acid's biological activity and causing bacterial death.

2. We use 365nm wavelength of light wave to sterilize



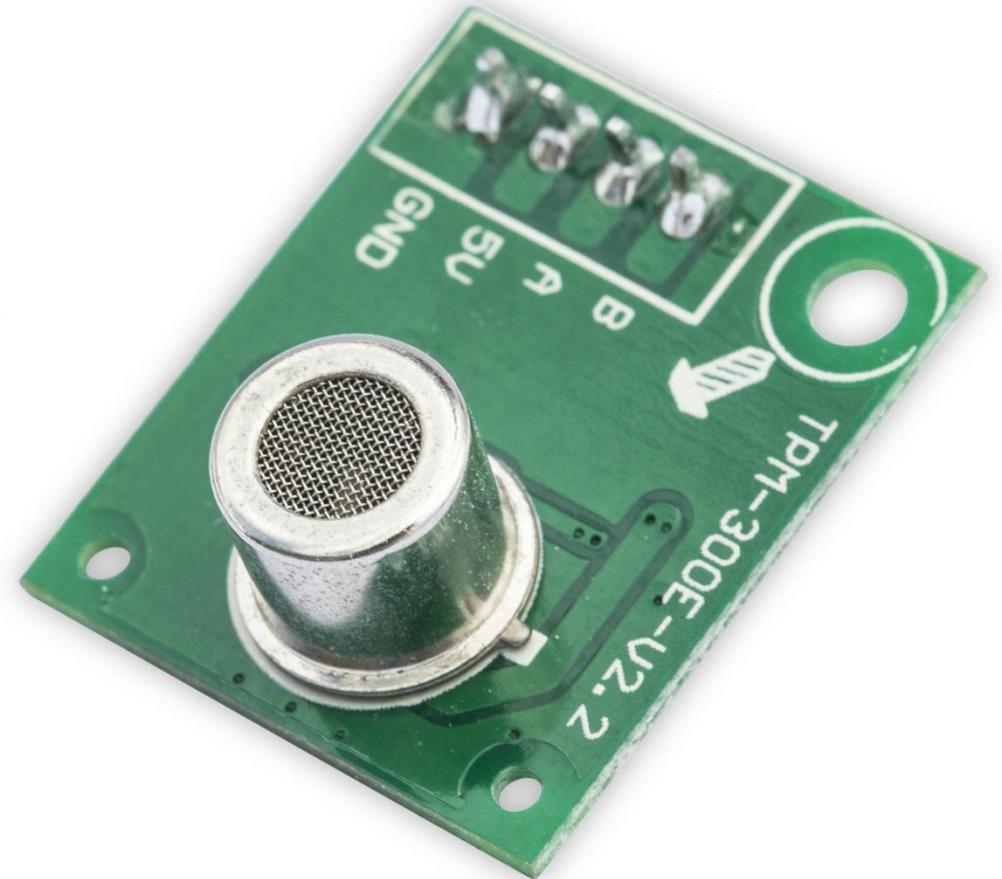
# ION

20 million ions/cm<sup>3</sup> high concentration negative ions  
Effectively remove PM2.5, dust, dust mites, pollen, bacteria, odor, soot, second-hand smoke and other air pollution, the removal rate is high



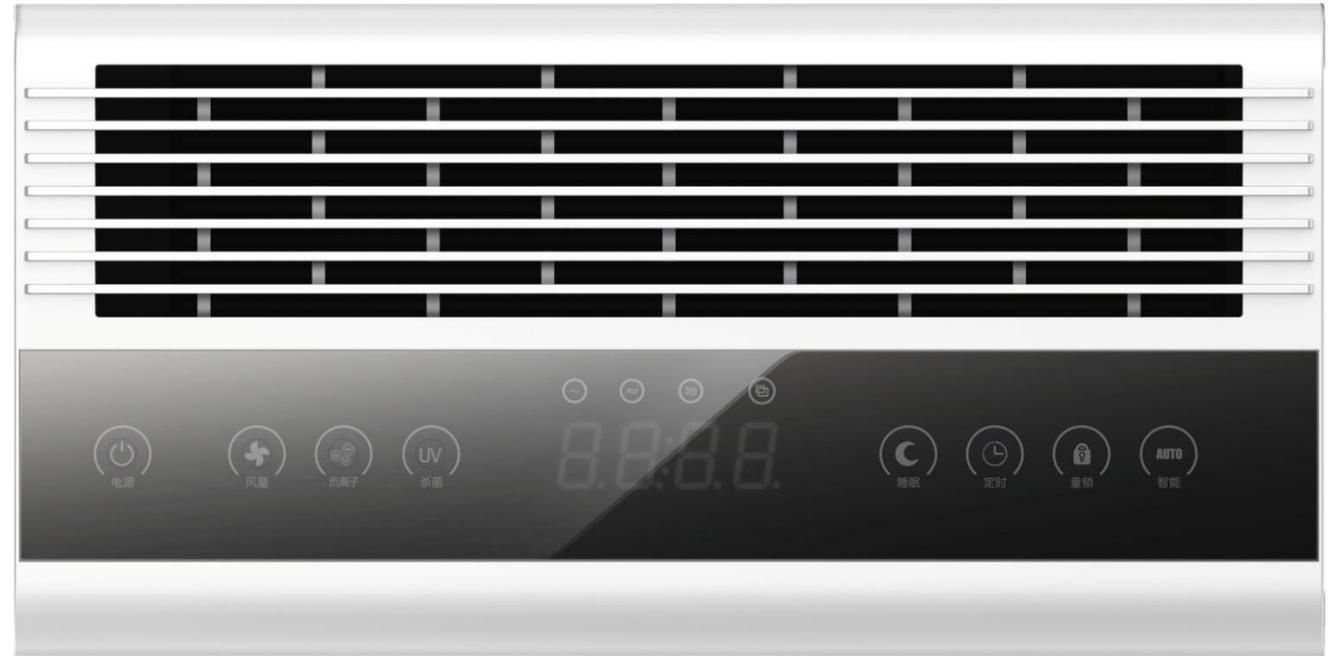
## 7.Odor Sensor System

1. According to the air quality of the machine automatically sensor the air environment differences, adjust the air purification system. The difference shows: red (poor), yellow (poor), blue (normal), green (excellent).
2. The use of Japanese Shenrong sensor, can quickly sense the air of harmful gases.



# Control Panel

1. The contents of the screen is simple and intuitive
2. Intelligent remote control configuration
3. With sterilization, negative ions, automatic operation, timing, sleep, child lock and other functions



# Specifications

Model no	ACU-K07	CADR	360m <sup>2</sup> /h
Series	Air Purifier	Precipitation of particulate matter	P4
Color	White	Particulate matter purification efficiency level	Efficient level
Material	ABS	CADR	80m <sup>2</sup> /h
Net weight	9.7kg	Accumulated amount of formaldehyde	F4
Gross weight	11.5kg 220v		
Voltage	90w		
Power			
Ionizer	20 million cm <sup>3</sup> /h	Product Size	400*200*600mm
		Packing Size	464*265*670mm
		Application area	28-42 m <sup>2</sup>