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Accelerated by **SAMSUNG**

Apick Air Sterilizer

Breathe Safer, Live Healthier

Plasma-based air sterilizer
that continuously removes
viruses, bacteria and mold
from indoor air.



Removes
99% of bacteria
and viruses



Filter-free
plasma technology



Low ozone
0.003 ppm
(test result)



Quiet &
energy efficient
for 24/7 use

Plasma Technology “Zeus”

Naturally purifies the air without filters

Apick uses the built-in ion module “Zeus” to generate hydroperoxyl radicals ($\text{HOO}\cdot$) in the air by micro plasma discharge. These reactive species break the structure of bacteria, viruses and mold, and deactivate them safely.



Plasma vs. UV-C

Plasma (micro plasma discharge)	UV-C (Ultraviolet)
	
✓ Sterilization in air and on surfaces ✓ Works continuously ✓ Effective even in shaded areas ✓ Low ozone generation	✓ Requires direct irradiation (line of sight) ✓ Limited to surfaces ✓ Blocked by dust or obstacles ✓ No continuous air sterilization

How Zeus works

- 1 Plasma discharge generates $\text{H}\cdot$ and $\text{O}_2\cdot$ ions



- 2 They combine to form hydroperoxyl radicals ($\text{HOO}\cdot$)



- 3 $\text{HOO}\cdot$ breaks down harmful microorganisms



- 4 Clean and safer air is released



Wide Range of Applications

Suitable for various indoor environments



Homes & Apartments



Hospitals & Clinics



Schools



Nursing Homes



Hotels



Offices



Restaurants & Cafés



Shops & Public Spaces

Compact & Convenient Design



Model No.	POP-MH10W / POP-MH20B
Input Voltage	12 V DC (Adapter 100–240 V~, 50/60 Hz)
Power Consumption	Max. 2 W
Ion Output	H ⁺ , O ₂ ⁻ (hydroperoxyl radicals, HOO ⁻)
Ozone Level	0.003 ppm (test result)
Noise Level	20 – 40 dB
Effective Area	26 m ²
Dimensions (W × H × D)	67 × 184 × 28 mm
Weight	≤ 350 g
Origin	Korea

Certifications

CE (EMC)



CE (LVD)



KC (Korea)

