

Wall-mounted Air Sterilizer

Remove bacteria, virus, toilet smells and TVOCs

“How our air sterilizers relief staff workload in people caring service?”

1. Reduces cross-infection in common zones;



2. Reduces foul smells associated bad moods;

3. Releases forest grade anion clusters to induce pleasant sentiments.



Generally, there are two types of nuisance smells in our daily life. They often come with infectious bacteria or virus too. Be this kind of airborne pollution biological like those we found in busy toilets, or petrochemical from cleaning detergent or furnitures. Our air sterilizers are capable to remove them efficiently, with **ZERO** filter replacement need.



WFA-VHE400	
Technology	Magnetic targeted plasma
Size	320*540*200 mm, 12.5 kg
Air Flow	400 CMH
Power Supply	220V AC, 150W
12-hr Efficiency	NH3 98%, H2S 96.6%, Skatole 92%, Indole 94.5%
Noise	26 ~ 48 dBA
Serving Area	Busy zone < 200 square feet, private zone < 400 square feet



WFA-VHE150	
Technology	Magnetic targeted plasma
Size	160*150*430 mm, 5.5 kg
Air Flow	150 CMH
Power Supply	220V AC, 80W
12-hr Efficiency	NH3 98%, H2S 96.6%, Skatole 92%, Indole 94.4%
Noise	22 ~ 46 dBA
Serving Area	Busy zone < 200 square feet, private zone < 400 square feet



WFA-AI202	
Technology	Ultraviolet-C tungsten activated photocatalyst, plasma, PIR motion sensor
Size	156*92*60 mm, 280g
Air Flow	11 CMH
PCI Density	Plasma ions > 20 million pcs/cm ³
Power Supply	220V AC, 5W max
24-hr Efficiency	Bacteria & virus 99.9%
Noise	< 50 dBA
Serving Area	Proximity to bed side or water-closet


Nearly any air purifier claims a certain degree of sterilization capacity. Just not all of them are equal. WOOFAA's machines are professional chosen and proven to serve that bacteria killing purpose efficiently and effectively, WITHOUT creating secondary pollutants like the HEPA type filter would.

254nm UV-C Sterilization Efficiency Table

TYPE	NAME	TIME REQUIRED TO KILL BACTERIA 100% (S)	NAME	TIME REQUIRED TO KILL BACTERIA 100% (S)
Bacteria	Escherichia coli	0.36	TB Branch Bacillus	0.41
	Corynebacterium diphtheriae	0.25	Vibrio cholerae	0.64
	Tetanus	0.33	Pseudomonas genus	0.37
	Clostridium botulinum	0.8	Salmonella	0.51
	Shigella	0.15	Intestinal fever bacteria	0.41
	Bacillus anthracis	0.3	Typhimurium bacteria	0.53
	Leptospira pylori	0.2	Shigella bacteria	0.28
	Genus legionella pneumophila	0.2	Number of Staphylococcus aureus	1.23
	Micrococcus	0.4-1.53	Streptococcus	0.45
	Adenovirus	0.1	Influenza viruses	0.23
Virus types	Phages of antiviral	0.2	Polio virus	0.6
	Coxsackie virus	0.08	Rotavirus	0.52
	Love Ke virus	0.73	Tobacco mosaic virus	16
	Love Ke virus II	0.75	Hepatitis b virus	0.73
	Aspergillus Niger	6.67	The soft spore	0.33
Mold spores	Aspergillus	0.73-8.80	Penicillium	2.93-0.87
	Dungfungi	8	Penicillium mold	2.0-3.33
Water algae	Mucor	0.23-4.67	Penicillium fungus	0.87
	Blue-green algae	10-40	Genus Paramedium	7.3
	Chlorella	0.93	Green algae	1.22
	The egg	3.4	Native animalis dass	4.6.70
	Fungi	1.6	Infectious pancreatic necrosis	4
Fish disease	Leukoplakia	2.67	Viral haemorrhagic disease	1.6


MEDICAL GRADE UVC LIGHT MOLD TEST ON BREAD (7 DAYS)

With in-house test tremendously and continuous improvement
Ai202 effectively removes airborne bacteria and avoid mold formation



VS

ACTUAL RESULT
COMPARISON



Used Ai202

Mold formation after 7 days

15.3%

97.7%

Without Ai202

Mold formation after 7 days



About WOOFAA

WOOFAA develops and distributes ambient air quality monitoring and control products. Our solutions embrace applications for household, educational, communal and commercial sectors. Our team is well-versed in latest air purification, smart building, and Internet-of-Things technologies, giving you an effective and energy efficient solution to any of your odor and air quality problem.

Our team graduated from the Hong Kong Science Park Incubation program in 2015 and be a health building accredited professional of the WELL Building Standard from the US Green Building Council. Contact us today to get yourself and your family a better breathing environment.



WOOFAA is the sound of clean air.

Corporate Clientele (partial)

