

ZD SERIES

Air Purification Sterilization Unit



Seamless Equipment



High Efficiency & Energy Saving Motor



99.99% Purification Efficiency



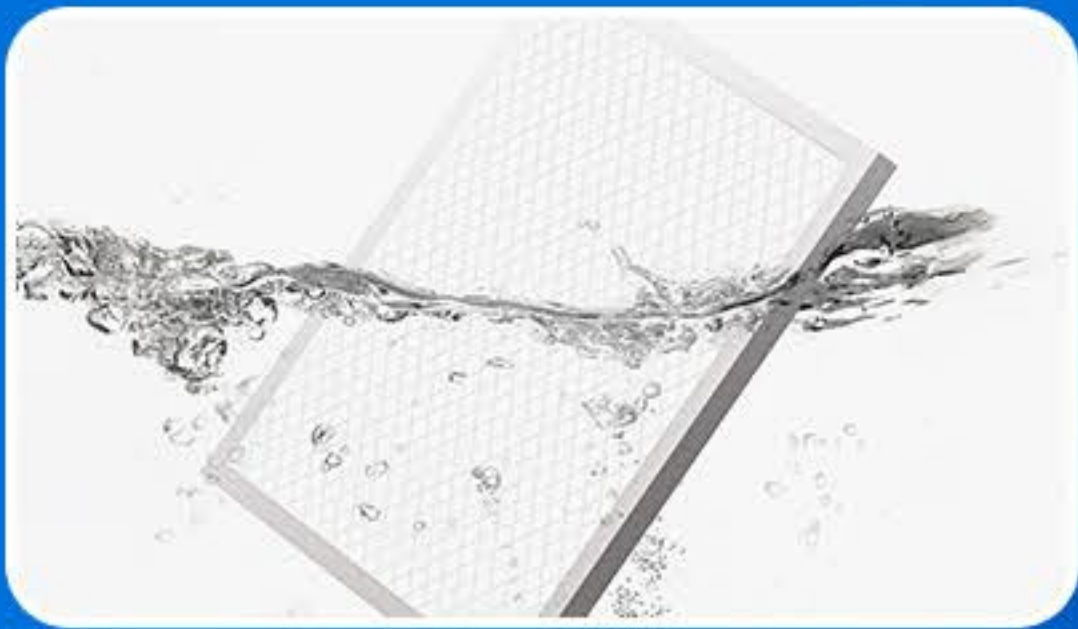
360° Disinfection



7' Touch screen

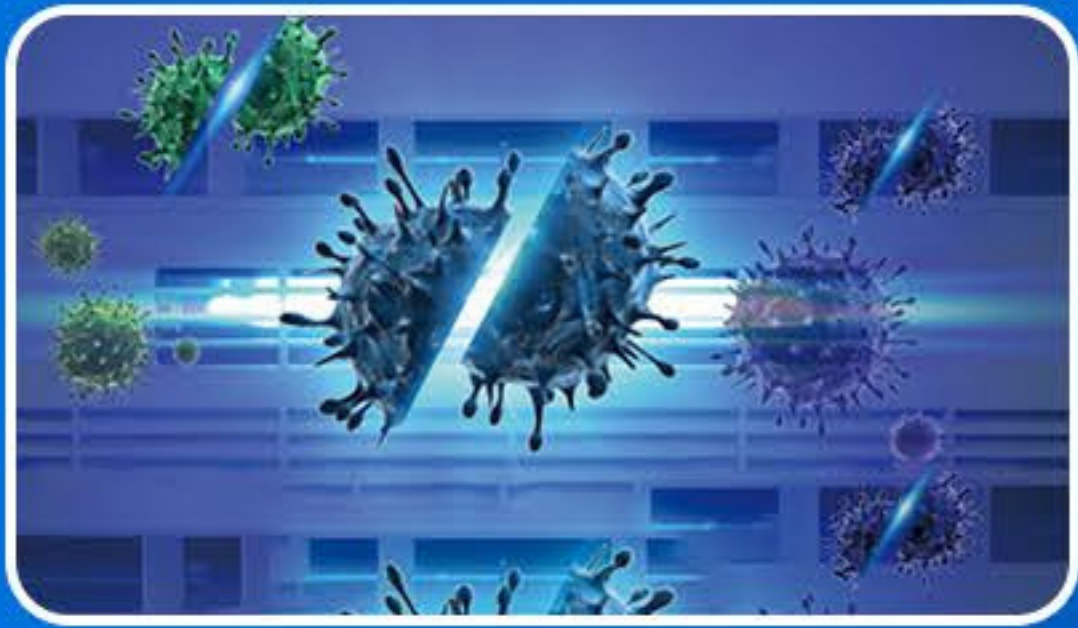


With Wheels



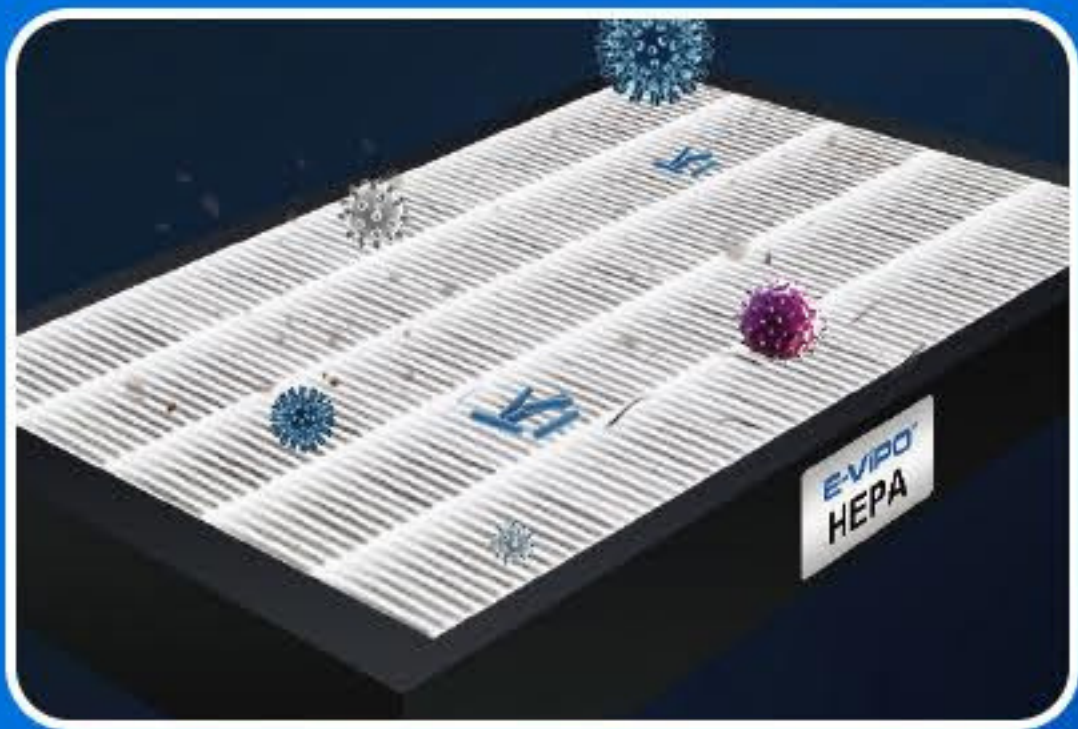
Washable Pre-filter

Removes larger particles, contaminants and allergens, such as pollen, pet dander and dust while extending the lifespan of HEPA filter



UV-C 253.7 nm Spectrum

The best UV wavelength to kill germs and viruses
Effective in killing various viruses and bacteria by breaking the molecular bonds in the DNA and RNA, making them unable to reproduce



③ Medical Grade HEPA (H13/H14) Filter

High-efficiency filtration electrostatic capture particulates and droplets, fungus, mold spores, mites, ultra-fine suspended bacteria, viruses and microorganisms
Filter particles down to 0.3 microns in size
Filtration efficiency ≥ 99.97%

Virus	Test Number	Virus Titer of Control Group			Virus Titer of Test Group		Virus Killing Rate (%)
		Original Concentration (TCID ₅₀ /m ³)	Final Concentration (TCID ₅₀ /m ³)	Natural Decay Rate (%)	Original Concentration (TCID ₅₀ /m ³)	Final Concentration (TCID ₅₀ /m ³)	
HCoV-229	1	4.53×10 ⁶	1.25×10 ⁶	72.41	5.70×10 ⁶	/	>99.99
	2	2.29×10 ⁶	7.23×10 ⁵	68.43	3.88×10 ⁶	/	>99.99
	3	9.35×10 ⁶	2.00×10 ⁶	78.61	4.28×10 ⁶	/	>99.99



Model	ZD45NU-7W	ZD70NU-7W
Air Volume	580m³/h	700m³/h
Size	500*335*1250 mm	500*335*1250 mm
Control Configuration	HD 7 "Touch Screen	HD 7 "Touch Screen
Real Time Display	PM2.5+CO ₂ +TVOC+Temperature+Humidity	PM2.5+CO ₂ +TVOC+Temperature+Humidity
Fan Speed Setting	1-5 Gears	1-5 Gears
Working Mode	Automatic/Manual/Timer	Automatic/Manual/Timer
Weight	42 kg	42 kg
Power Supply (Voltage/Frequency)	220V ~ 50/60Hz	220V ~ 50/60Hz
Configuration	Pre filter x 2+254nm UV UV-C x 4 +Medical Grade HEPA H13 Filter	Pre filter x 2+254nm UV UV-C x 6 +Medical Grade HEPA H13 Filter