



UV-C AIR PURIFICATION SYSTEMS

UVC-9000



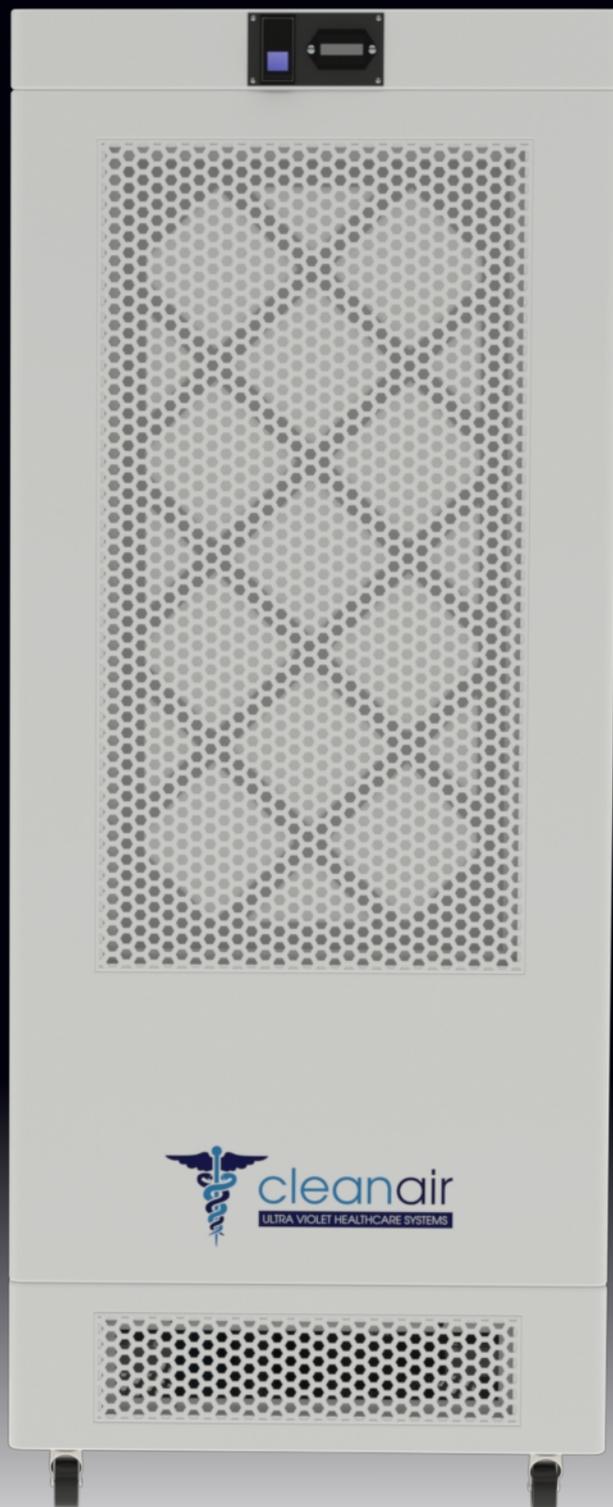
UVC-9000

This unit is designed to provide maximum pathogen removal.

To fully maximise airflow, and enhanced Equivalent Air Change Per Hour ratio's, this unit does not contain any filtration, thus allowing air to flow more freely through the UV-C chamber.

This unit is suitable if users are satisfied with the filtration provided by their existing HVAC system.

UVC-9000-HEPA



UVC-9000-HEPA

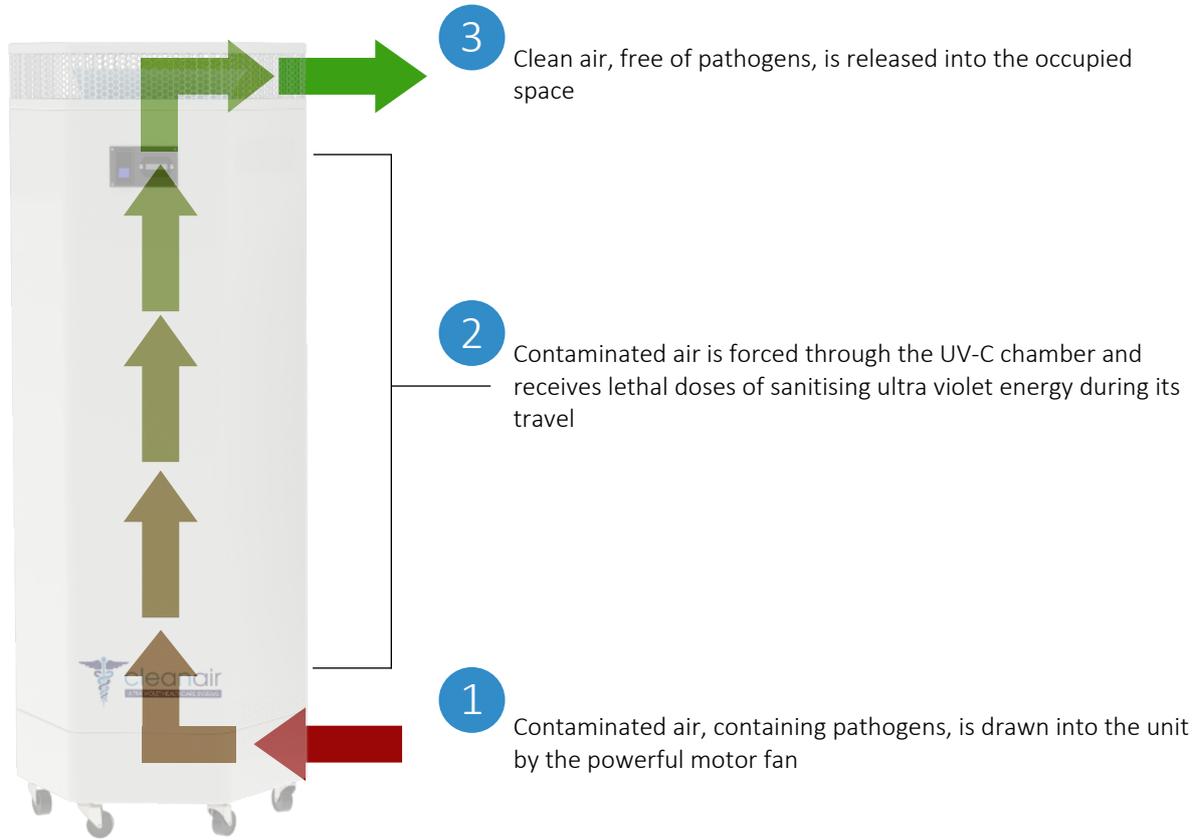
This unit is designed to include very high levels of UV-C energy and also MERV-14 HEPA filtration.

This model carries the same killing power as the UVC-9000 but due to the design including HEPA filtration the Equivalent Air Changes Per Hour ratio is slightly lower.

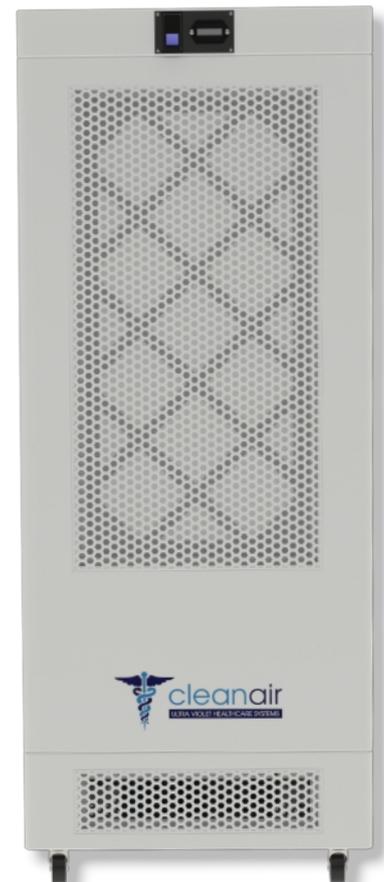
This unit is suitable for all applications and should be considered even if users are satisfied with their current HVAC system's ability to remove smaller particulate.

THE POWER OF UV-C ENERGY SUPPLIES CONTINUOUS 'CLEAN' AIR

The graphic below shows how contaminated air is forced through the UVC-9000 unit passing through the ultra violet chamber containing a total of 19,200 microwatts of UV-C energy. Below the graphic is a table showing how devastating this energy is to a selection of pathogens which cause concern to infection control teams.



PATHOGENS KILLED IN ONE PASS	UV-9000	UVC-9000-HEPA
BACTERIA	Staphylococcus Aureus (MRSA)	
	Escherichia Coli	
	Pseudomonas Aeruginosa	
	Salmonella Enteritidis	
	Legionella Pneumophilia	
	Mycobacterium Tuberculosis	
VIRUSES	Influenza	
	Infectious Hepatitis	
	Bacteriophage	
PATHOGENS KILLED IN TWO PASSES		
BACTERIA	Clostridium Difficile (C-Diff)	
VIRUSES	Rotavirus / Norovirus	



SPECIFICATIONS

DETAIL	UV-9000	UVC-9000-HEPA
Height	1,200mm	1,150mm
Width	452mm across hexagonal	450mm
Depth	452mm across hexagonal	450mm
Weight	27kg (approx)	30kg (approx)
Power Supply	230v / 50Hz	230v / 50Hz
Current Draw	3.0amps	3.0amps
Motor (Fan) Speed	2,600rpm	1,390rpm
Noise	63db	63db
Airflow	1,080 Cubic Metres P/Hr	1,200 Cubic Metres Per/Hr
Total UV-C Power Output (Microwatts per CM ²)	19,200	19,200
Filter	No	2x HEPA (Merv-14) F9 Medical Grade 90-95% effective
Maximum Ambient Temperature	Up to 80°C	Up to 80°C
Equivalent Air Changes P/Hr:		
25 ² Metre Space	17.3ACH	19.2ACH
40 ² Metre Space	10.8ACH	12ACH



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