



Germicidal Disinfection for Business

300-watt Omni 4-in-1 UVC Air Sanitation Cylinder

Effectively kill 99.9% of bacteria, pathogens & viruses in the air and on surfaces

Set for Air Disinfection and operate safely in occupied spaces

Set for Air & Surface Disinfection and sanitize air & objects in unoccupied rooms



Area (sq. ft.)	1,000	2,000	3,000	4,000	6000
Air Time (Minutes)*	10	20	30	40	60

* Time needed to exchange 100% of air. SAR-CoV-2 killing rate: **99.9%**

** The height of space is **8 ft.** Fan speed is tuned to **800 CFM.**

Area (sq. ft.)	400	800	1200	1600	2000
Surface Time (Minutes)*	10	20	30	40	50

*Time needed to disinfect 99.9% of SAR-CoV-2.

OMNI 4-in-1 is a sanitation unit that integrates UVC surface disinfection, UVC air disinfection, HEPA filtering and Needlepoint Bipolar Ionizers into a simple to operate, portable design. IoT technology allows for remote scheduling, control, and work log monitoring via our secure cloud platform.



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Technical Specifications



Modes	Parameter	Value
GENERAL	Input Watt	120 V, 47Hz - 60Hz, 300W
	Dimensions & Weight	1.3' (D) x 6.8' (H) & 47 lb.
UVC SURFACE	UVC wavelength	253.7nm
	UVC Irradiation	630 $\mu\text{W}/\text{cm}^2$
UVC AIR	SARS-CoV-2 Killing Rate	99.9 % (@800CFM)
	ACH @ 8 ft. high room of 1000 sq. ft.	10 minutes (@800CFM)
	AIR EXCHANGE RATE (ACH)	100-1000 CFM (continuously tunable)
	Ambient Noise	50 dB (200CFM) – 65 dB (800CFM)
HEPA	ASHARE MERV Value	MERV 13
NPBI	Ion Concentration	60 million ions per cubic cm per second



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Disinfection Guidelines



HEPA Filter

Surface Mode UVC Disinfection

Area	400 sq. ft.	800 sq. ft.	1200 sq. ft.	1600 sq. ft.	2400 sq. ft.	4800 sq. ft.
Time*	10 min	20 min	30 min	40 min	60 min	120 min

*Suggested time to operate for 99.9% disinfection rate.

** The UVC cart needs to navigate around the area to achieve the claimed disinfection rate.

Air Mode UVC Disinfection

CFM	Disinfection	500 sq. ft.*	1000 sq. ft.	2000 sq. ft.	4000 sq. ft.	5000 sq. ft.
200	99.9999%	20 min**	40 min	80 min	160 min	200 min
400	99.99%	10 min	20 min	40 min	80 min	100 min
600	99.95%	7 min	14 min	27 min	54 min	68 min
800	99.9%	5 min	10 min	20 min	40 min	50 min
1000	99.8%	4 min	8 min	16 min	32 min	40 min

* Height = 8 ft. tall.

** Time to exchange 100% of air.

Glossary

HEPA Filter	High-efficiency particulate air filter
CFM	Cubic feet per minute (fan speed)
NPBI	Needlepoint Bipolar Ionization