

UV-C Induction Mobile Disinfection Tower



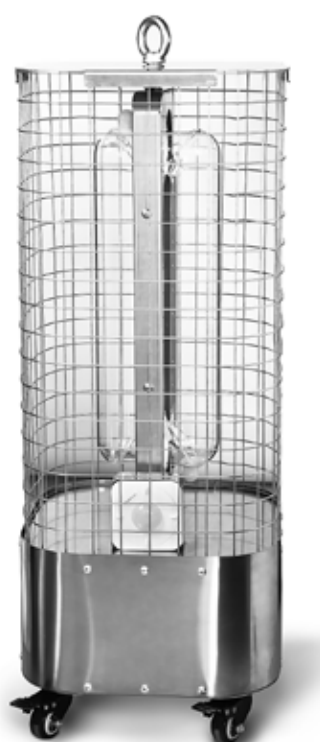
UV-C Induction Mobile Disinfection Tower

Disinfection Process

The Induction UV-C deep ultraviolet technology provides fast and convenient disinfection of interior surfaces.

The tower uses the world's leading level of high power, high intensity, deep wavelength ultraviolet disinfection lamp.

The disinfection lamp uses the appropriate light spectrum wavelength frequency rays to destroy and prevent replication and regeneration of the DNA (deoxyribonucleic acid) and RNA (ribonucleic acid) of bacteria, viruses, fungi and spores. This causes growth cell death and (or) regenerative cell death, to achieve the effect of sterilization and disinfection.



Dimensions:

200W: 300*300*815mm

250W: 300*300*815mm

300W: 300*300*884mm

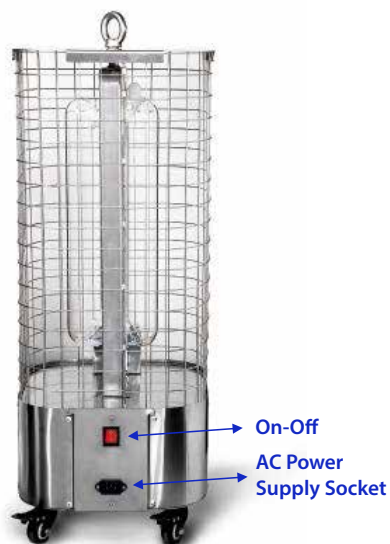
400W: 300*300*1080mm

Product Features

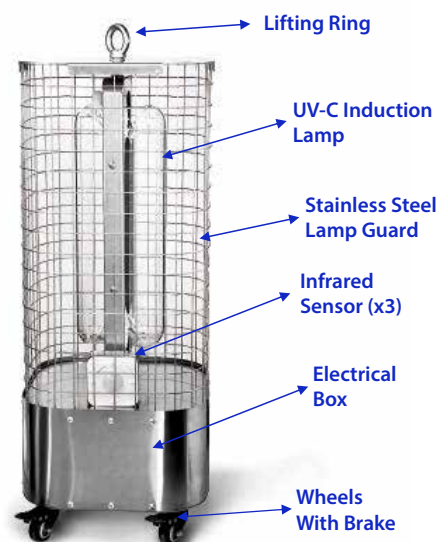
- Input Voltage: 120-277V AC, 50/60Hz. Wavelength: 253.7 - 400nm ozone free.
- Ambient temperature 0-50°C.
- UV-C radiation illuminance very strong, 10 times greater than general ultraviolet germicidal products.
- Induction UV-C lamp has a long life, up to 60,000 hours,
- No pollution: UV-C is a clean disinfection source, will not cause any secondary pollution.
- Ballasts are certified as cULus, NOM, CE, FCC PSE, SAA, etc.
- Infrared sensor, automatically shuts lamp off when people approach, to ensure the safety of use.
Switches back on when people leave, disinfection process countdown resumes.
- The tower is made of stainless steel making it very strong and durable. Wheels provide flexible mobility.

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Specifications



Germicidal Efficacy (253.7nm)			
Microorganism	UV-C Disinfection Reference (99.999%)		
	Required Flux ($\mu\text{W}/\text{cm}^2$)	Time Required (s)	
Bacteria / Viuses		5 mW	100 mW
Anthrax spores	46,200	35	1.75
Escherichia coli	6,600	5	0.25
Clostridium tetanus	22,000	16.7	0.83
Diphtheria Club	6,510	4.93	0.25
Typhoid fever	4,100	3.1	0.16
Mycobacterium tuberculosis	10,000	7.6	0.38
Gonococcus	8,500	6.4	0.32
Salmonella	7,600	5.8	0.29
Paratyphoid of Salmonella typhimurium	6,100	4.6	0.23
Dysentery	4,200	3.2	0.16
Vibrio comma cholera	6,500	4.9	0.25
Infectious hepatitis	8,000	6.2	0.31
Influenza	6,600	5	0.25
Polio myelitis	6,600	5	0.25
COVID-19	6,600	6	0.3



Disinfection Time and Relative Area		
Disinfection Power	Room Area	Recommended Disinfection Time
200W	100m ²	30 min.
250W	150m ²	30 min.
300W	200m ²	30 min.
400W	250m ²	30 min.

Ambient Temperature 0-50°C

UV-C Disinfection Tower Model No.	Dimensions (L*W*H)	Input Voltage	Input Current	Rated Frequency	Total Power	Wavelength Range	Peak Wavelength	UV-C Irradiance	UV-C Power	Net Weight
AMI-UVC-TMR-200	300*300*815	100-277VAC	2.2A	50/60 Hz	210W	253.7nm - 400nm	253.7nm	947.3 $\mu\text{W}/\text{cm}^2$	48 W	8.7Kg
AMI-UVC-TMR-250	300*300*815	100-277VAC	2.6A	50/60 Hz	260W	253.7nm - 400nm	253.7nm	1200 $\mu\text{W}/\text{cm}^2$	63 W	8.7Kg
AMI-UVC-TMR-300	300*300*884	100-277VAC	3.2A	50/60 Hz	310W	253.7nm - 400nm	253.7nm	1300 $\mu\text{W}/\text{cm}^2$	94 W	9.6Kg
AMI-UVC-TMR-400	300*300*1080	100-277VAC	4.2A	50/60 Hz	420W	253.7nm - 400nm	253.7nm	1515 $\mu\text{W}/\text{cm}^2$	116 W	11.3Kg

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Applications



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Illuminamos Tu Vida*

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