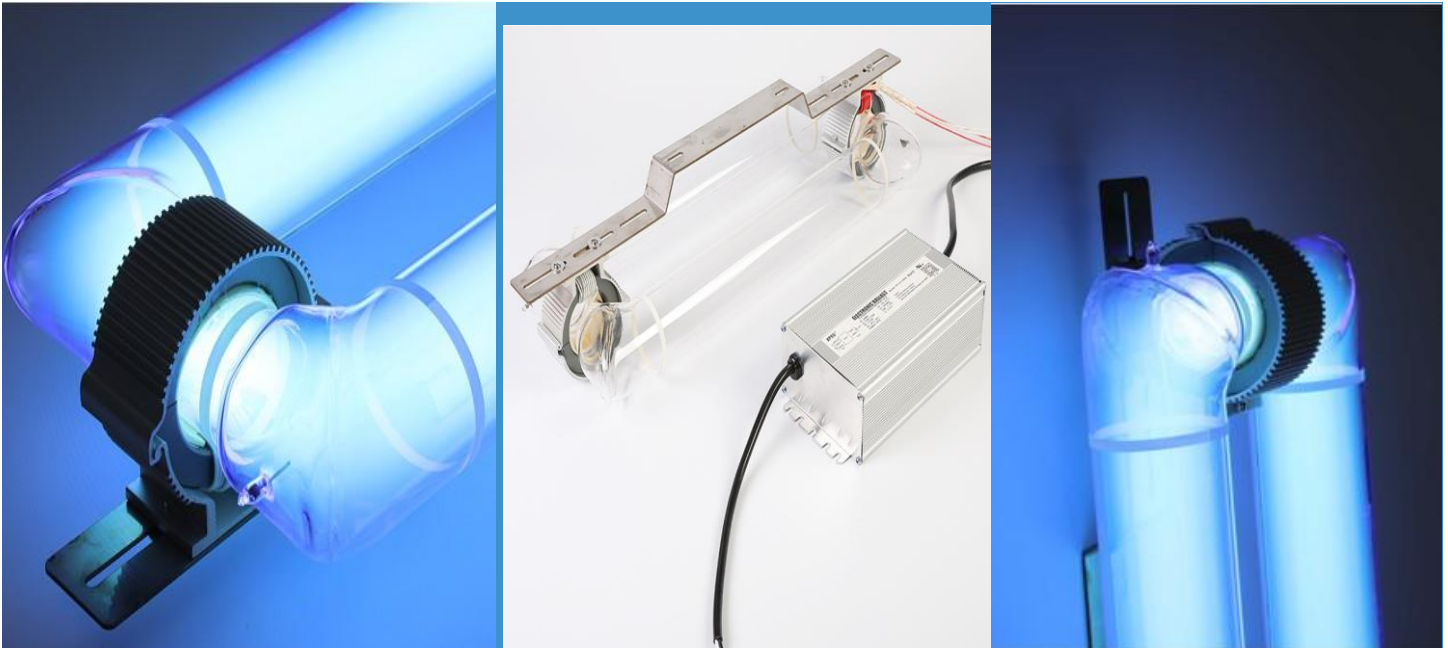


Induction UVC Last 60,000 Hours

KILLS 99% OF ALL BACTERIA AND VIRUSES

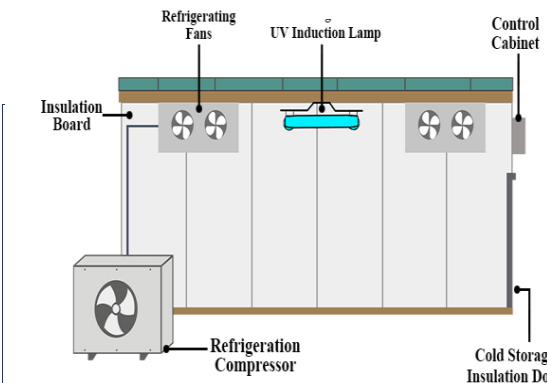


Induction UVC lamps beat regular UVC lamps hands down. Not only do they last 60,000 hours versus about 8-9000 hours for a regular UVC lamp, the induction lamps are waterproof. If you were to run a regular UVC lamp 24 hours per day the lifespan would be about 4,000 hours. The Induction UVC lamp will last 30,000 hours running 24 hours a day. How much will it cost you to replace the regular UVC lamps 7-8 times more?

EASY TO INSTALL

- Teflon and PVC connection wire: Waterproof
- Bracket and screw 316L SS: Anti-UV-Corrosion
- Special induction magnetic ring
- Special Connecting Parts: Resistance to fall
- Tube : Higher UV intensity
- Special packaging

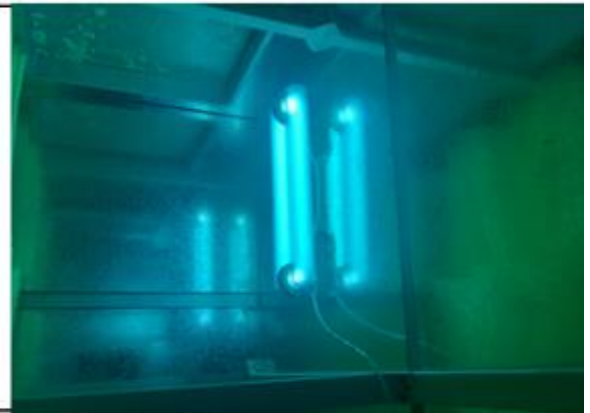
High Power ballast support 24h/day working



Regular UVC light

VS

Induction UVC light



Assume that the air volume is 2000m/h (6m/s) for a HVAC system

The bacteria and virus will be killed in 0.3s~0.8s when uvc intensity is 30000uw

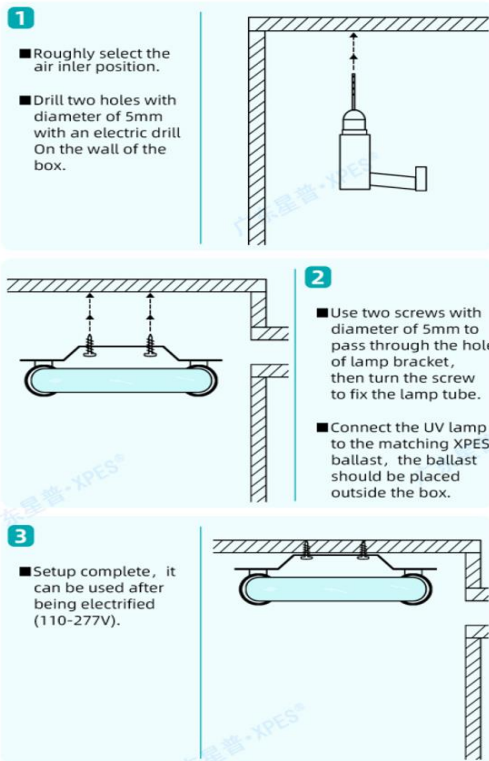
Power&Size	120W~150W		300W	
	Length (1m to 1.2m)* Width(23mm)* Height(23mm)		Length(58cm) *Width (21cm) * Height (19cm)	
Maximum UVC intensity	430uw~4000uw from 1meter to the lamp surface		1300uw~20000uw from 1meter to the lamp surface	
Lamp Quantity	7~8pcs 120W~150W UV light at least		2 sets 300W Induction UV light at most	
Installation	Over 1m length area or a new device		fix it in a space with the screw in suitable location	
Life span	Maximum lifespan is 4000h when it works 24h/day		30000hrs when it works 24h/day	
Water-proof	Not water-proof		Water-proof	
	Accelerated aging even can not be used once damped		Electrodeless	

UVC against common viruses and bacteria killing efficiency (ultraviolet irradiance 30, 000pw/cm²)

Category	Name	The time kill 100%	Name	The time kill 100%	Name	The time kill 100%
Bacteria	E.coli	0.36s	Hook end pylori	10.20s	Showalter door genus	0.51s
	Diphtheria	0.25s	Legionella spp.	0.20s	Intestinal fever genus	0.41s
	Tetanus bacteria rod	0.33s	Micrococcus	0.40s	Salmonella typhimurium	0.53s
	Bacillus anthracis	0.30s	Mycobacterium tuberculosis	0.41s		0.28s
	Shigella	0.15s	Cholera bacillus	0.64s		1.23s
			0.80s		0.37s	
Virus	Adenovirus prime	0.10s	ECHOvirus	0.75s	Rotavirus	0.52s
	Tropic virus	0.20s	flu virus	0.23s	Tobacco mosaic virus	0.16s
	spores	0.80s	Poliovirus	0.80s		0.73s
Mold spores	Aspergillus niger	6.67s	Mucor	4.67s	Toxigenic Penicillium	3.33s
	Aspergillus	8.80s	Soft spore Penicillium	0.33s	Other fungi	10.87s
	Dung fungus	8.00s		2.95s		
Water algae	Blue - green algae	40.00s	Nematode eggs	3.40s	Protozoa genus	6.70s
	Chlorella	0.93s	Genus paramecium	7.30s	Chlorella	1.22s

INSTALLATION DIAGRAM

EASY TO ASSEMBLE AND USE



Applications

- Purification, Deodorization, Surface disinfection
- Wastewater/ Gas treatment, Cold storage, Swimming Pool,
- Aquarium, Tap water plant, Spray paint factory
- Aquaculture farms, Cooling tower and etc...

Note

- Lamp tube and ballast must be separately mounted
- The lamp could be putting closed container/case and it can also be put into water
- The length of wire is 2~2.6 meter, which is not permitted to extent the length of tube wire, otherwise it will influence the lamp working;
- Please keep the UV lamp surface clean and clean the surface of the tube regularly to max its working effect
- It's prohibited that the naked eyes are exposed directly to the ultraviolet light.

Customer Cases

Sterilization & Disinfection of Central Air-conditioning Ventilation Ducts

