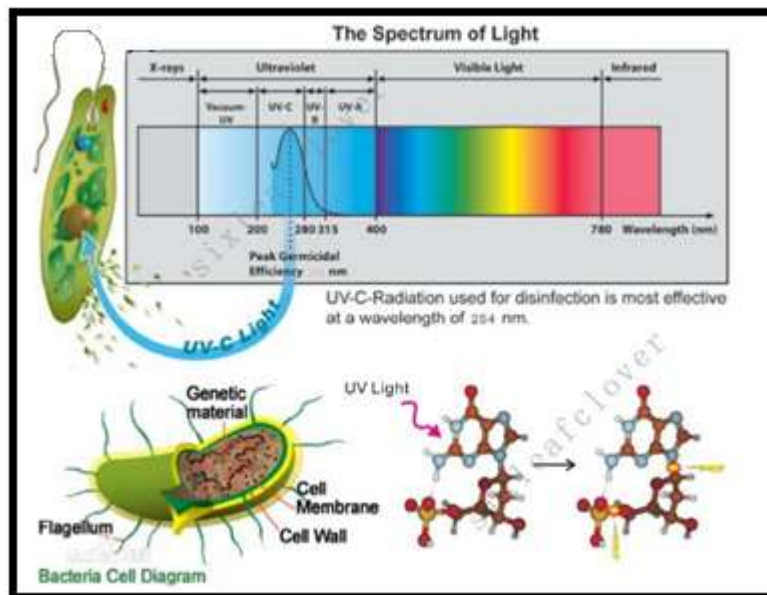


# UV Lamps



In response to the current coronavirus epidemic situation, sterilization option using UltraViolet (UV) is available for AHU and FCU products.

Broad-spectrum germicidal UV light has wavelengths between 200 and 400 nanometers (nm) which is highly effective at killing bacteria and viruses by destroying the molecular bonds that hold their DNA together. UV-C can penetrate and inactivate them. The UV light annihilates viruses by damaging their DNA sequence. By doing so, the virus loses the ability to reproduce.



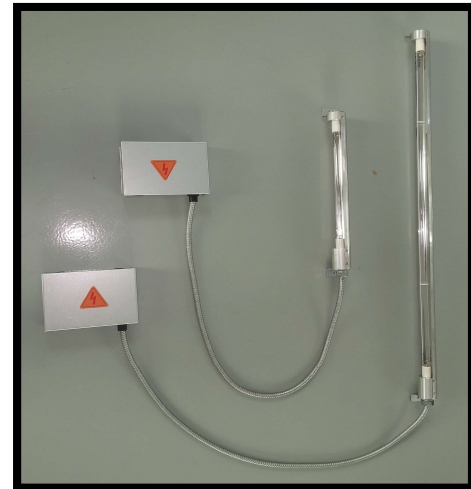
## Advantages of UV lamp

- 253.7nm UV-C lamp, no ozone.
- High-energy UV-C, effective life is up to 8000 hours.
- Stainless steel reflector enhances the radiation intensity and avoids direct exposure to the human body.
- Plug-in products for easy installation.
- External control box, 220VAC standard power supply, simple wiring.
- Able to kill bacteria in the air and prevent the virus from spreading through the host bacteria

# UV Lamps



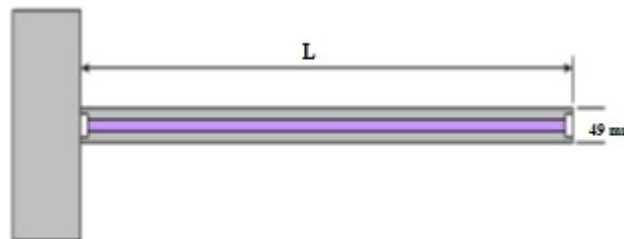
## Product Details and Specifications



For AHU



For FCU



Product	Units	AHU				FCU	
		CUVC-A25LAMP	CUVC-A30LAMP	CUVC-A55LAMP	CUVC-A75LAMP	CUVC-B16	CUVC-B36
Part Number							
Lamp Power	W	25	30	55	75	16	36
UV-C Radiant Power	W	7.0	11.2	16.5	25.5	3.9	15.0
Power Supply	V	220VAC 50HZ					
Length (L)	mm	550	1000	1000	1300	370	900
UV-C Radiation intensity at 20cm	$\mu\text{W}/\text{cm}^2$	930	960	1410	1670	690	1300
Recommended irradiation area	$\text{m}^2$	0.4~0.6	0.5~0.8	0.8~1.2	1.0~1.5	002~005	006~014
Recommended airflow	$\text{m}^3/\text{h}$	3000~5500	4500~7200	7200~10800	9000~13500	300~1000	800~3500