

Stanley Electric's UV-C Product lineup

AeNUV_Aqua

[Disinfection for running water]
US/50F274/R2, US/30F150/S4, UV-CCL reactor
~ to offer safe water for everyone ~



- Contains mercury
- RoHS compliant
- Pb-free soldering

◆ Applications

Household water purifier Water dispenser	Water disinfection in tanks • Humidifier • Atmospheric water generator	Automatic bidet toilet	Ultrapure water Purification system

◆ Features

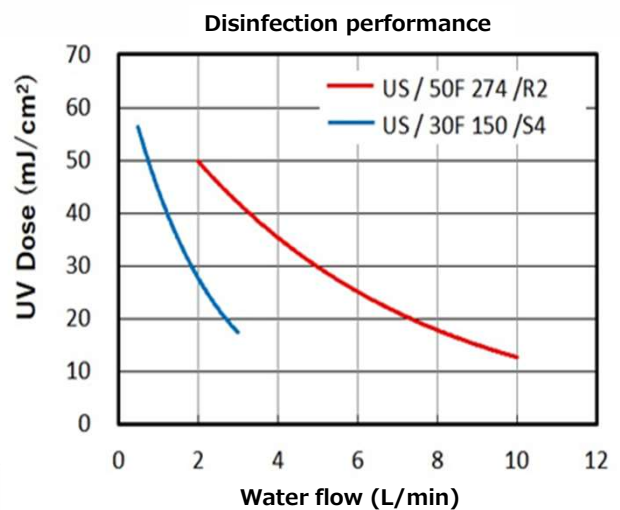
- Reduce exchange frequency because of its lifetime 20,000Hours*1 (About 5years) *2.
 - It doesn't use filament at electrode which make this product robust and insensitive to vibrations. Also, it doesn't unlit suddenly.
 - Able to prevent to rise water temperature in the unit by repeating the lamp ON/OFF lighting.
- *1: Product life definition... When the UV irradiance of a cold cathode UV lamp falls below $7\mu\text{W}/\text{cm}^2$.
- *2 : When the annual lighting time is 4000 hours.

◆ Specifications

Part Name	Lamp power (W)	Reactor dimensions	
		Diameter (mm)	Length (mm)
US / 50F 274 /R2	4.8	φ50	274
US / 30F 150 /S4	4.8	φ50	150

- *There is a possibility to update this specification. without notice to improve product.
- *Performance value is not a guaranteed value but a rough standard.
- *Replacement of units that have reached the end of their useful life should be performed on a unit-by-unit basis; replacement of lamps alone is not recommended.

◆ Disinfection simulation data



[Condition]
Initial performance MS2 Phage at UVT 95%