

Stanley Electric's UV-C Product lineup

AeNUV_Aqua

[Disinfection for running water] ULR9C/S, 36C/S, 54C/S, UV-C LED system ~ to offer safe water for everyone ~

◆ Applications

- Pure water system, Industrial water equipment, Small water plant equipment, etc.

◆ Features

- **High Performance** : Equipped with 265nm UV-C LEDs that have high disinfection capability for viruses and bacteria, including chlorine-resistant microorganisms.
- **High Efficiency** : Stanley's proprietary rectification and light distribution technology improves disinfection performance
- **Immediacy** : Can utilize high disinfection effect immediately upon startup
- **Multifunction** : Power supply and Control system is also available
- **Ecology** : Environmentally friendly mercury-free



◆ Specifications

Part name		ULR9C	ULR36C	ULR54C	Unit
Max water flow (2.0m/s)		2.0	15	28	m ³ /h
Water flow ※1	30mJ/cm ² at. 254nm equivalent	1.6	7.2	15.5	m ³ /h
	40mJ/cm ² at. 254nm equivalent	1.2	4.4	9.6	
Working pressure (Max.)		0.7	0.7	0.7	Mpa
Water temperature		4~40	4~40	4~40	℃
Power consumption		61	330	500	W
Reactor body (empty weight)		2.7	(18)	(61)	kg
Reactor body (full water weight)		3.0	(26)	(71)	kg
Fittings		1.0S Ferrule	(50A) Flange	(65A) Flange	-
Reactor body size (L×W×H)		335 x 110 x 110	(760 x 210 x 260)	(1000 x 250 x 280)	mm
IP rating		IP55	IP54 equivalent	IP54 equivalent	-
Cooling method		Forced-air cooling	Internal water cooling	Internal water cooling	-

*ULR9C: IF 200mA

*ULR36C/54C: IF 300mA

※1 UV transmittance 95%, Indicator bacteria: Bacillus subtilis spores and bacteriophage Qβ (converted to 254nm wavelength)

◆ Dimensions (mm)

