

SGA Series – AUTOMATIC SPECIAL UV System



The SAG UV range offers a reliable, economical, and chemical-free way to safeguard drinking water and offers flow rates as high as 36 GPM, covering a wide variety of residential and commercial applications.

Main Advantages:

Convenient

Features countdown timer with digital display and audible lamp change reminder for ease of maintenance

Space Efficient

High UV output lamp technology allows for a smaller footprint while providing the same UV performance as a longer chamber

Reliable

High-performance UV lamp, rigorously tested to provide consistent output over the entire lamp life (12000 hours)

Long Warranty Time

This UV range offer 10 years warranty for UV chamber and 3 years for Electronic ballast

SGA Main Features:

- 1 New design electronic ballast shows constant UV intensity, lamp life countdown timer, water temperature etc.
- 2 Special lamp connector with automatic shut off function. Patented design for safety using to avoid the risk of UV radiation.
- 3 Unique design for safety ground to avoid the risk of electrical shock.
- 4 New and improved sensor ensures safe UV levels are maintained.
- 5 High output mercury UV lamp provide reliable, consistent UV treatment .
- 6 Stainless Steel Reactor Chamber made of 316L stainless steel.
- 7 Patented Design 4 Pin connector.
- 8 Simple mounting clips allow assembly, making installation easier



WATER QUALITY REQUIREMENT

- Maximum operating pressure : 0.8MPa(116psi)
- Ambient water temperature: 2-40°C(36-104°F)
- Iron<0.3ppm(0.3mg/L)
- Hardness<7gpg(120mg/L)
- Turbidity<1NTU
- UV transmittance>75%
- UV dose≥30mJ/cm²



MODEL	SGA -048	SGA -087	SGA -120
Specifications			
UV Lamp	UVT5-448	UVT5-487	UVT5-4120
Flow Rates (16mJ/cm²)	22.5 GPM (83.28 LPM) 5 m³/h	41.25 GPM (155.20 LPM) 9,3 m³/h	67.5 GPM (253.623 LPM) 15,2 m³/h
Flow Rates (30mJ/cm²)	12 GPM (45,23 LPM) 2,7 m³/h	22 GPM (83.2791 LPM) 5 m³/h	36 GPM (136.275 LPM) 8,2 m³/h
Flow Rates (40mJ/cm²)	9 GPM (34,687 LPM) 2,08 m³/h	16.5 GPM 60.5666) 3,6 m³/h	27 GPM (102.206 LPM) 6.1 m³/h
Quart Tube	QT5-470	QT5-875	QT5-1183
UV Sensor	G4HV05TIS	G4HV05TIS	G4HV05TIS
Electronic Ballast	ZUP11-800-120	ZUP11-800-120	ZUP11-800-120

RoHS

