

Greenway[®]
Water Technologies



Systems tested and certified by NSF International against NSF/ANSI Standard 55 for disinfection performance.



How does UV work?

UV water disinfection is a natural process which does not add any chemicals into your water, nor alter the water chemistry. Ultraviolet light energy inactivates harmful microorganisms such as bacteria and viruses by disrupting the DNA, effectively preventing them from multiplying and causing illness. The pathogens are destroyed in the time water passes through the disinfection chamber. E.coli, Cryptosporidium, and Giardia lamblia (Beaver Fever) are examples of waterborne microorganisms that cause numerous gastrointestinal illnesses which are easily controlled with UV disinfection.

Why is *Greenway*[®] UV effective?

Greenway[®] UV systems are designed with compact, high-grade stainless steel chambers which house our efficient, colour-coded UV lamps. Separate electronic controllers (ballasts), power the UV lamps and effectively control the system diagnostics. The single ended lamp design promotes user-friendly, easy lamp changes and simple periodic quartz sleeve cleaning.

The *Greenway*[®] **VuCap** is unique to Greenway Water Technologies. Now our customers can clearly see when the UV lamp is on.

Features:

99.99% destruction of bacteria (such as Ecoli), viruses and protozoan cysts (Cryptosporidium and Giardia lamblia)

No chemicals added to water and no water chemistry changes

Lamp failure alarm and lamp replacement reminder with 7 segment LED countdown display

Low maintenance and easy servicing

Hard glass, long life UV lamp for consistent maximum UV output over entire lamp life

Compact *Axial Flow* design for reduced footprint and improved disinfection

Range of sizes to meet flow rate requirements

Electronic controller with universal AC input, constant lamp current and low power consumption

Combination 3/4" - 1.0" NPT inlet/outlet ports for easy installation

Disinfection efficacy validated

New *Greenway*[®] **VuCap** on every system

Engineered for Health - Designed for Life



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Specifications:

		NSF/ANSI Standard 55 Class B					
Model number:		GAUV-6SB GAUV-6SMB	GAUV-10SB GAUV-10SMB	GAUV-15SB GAUV-15SMB	GAUV-12HB GAUV-12HMB	GAUV-20HB GAUV-20HMB	GAUV-32HB GAUV-32HMB
Rated Flow GPM US (LPM) (l) *		7.4 (28.2)	12.3 (46.6)	18.7 (71.1)	15.8 (60)	26.4 (100)	40.4 (153)
Flow Regulator		GFR7SS	GFR10SS	GFR18SS	GFR15SS	GFR25SS	GFR30SS
Dimensions	Ballast	8" x 3" x 2" (20.3 cm x 7.6 cm x 5.1 cm)					
	Chamber Diameter	3.5" (8.9 cm)	3.5" (8.9 cm)	3.5" (8.9 cm)	3.5" (8.9 cm)	3.5" (8.9 cm)	3.5" (8.9 cm)
	Chamber Length	17.25" (43.8 cm)	27.88" (70.8 cm)	39.5" (100.3 cm)	17.25" (43.8 cm)	27.88" (70.8 cm)	39.5" (100.3 cm)
I/O Port Size		3/4" FNPT - 1.0" MNPT					
System Maximum Operating Pressure		125psi (862 kPa)					
Electrical	Voltage	100-240, 50/60Hz					
	Power Consumption (W)	21	35	42	46	67	98
	Lamp Watts (W)	17	30	35	40	60	90
Chamber Material		304SS					

Replacement Components

Ballast	BA-40S			BA-95H		
UV Lamp	GUVL-330S	GUVL-600S	GUVL-893S	GUVL-330H	GUVL-600H	GUVL-893H
Quartz Sleeve	GQS-330D	GQS-600D	GQS-893D	GQS-330D	GQS-600D	GQS-893D

* NSF 55 Class B rated flow minimum 16 ml/cm² per NSF test protocol



STATEMENT OF APPLICATION:

This Class B system or component conforms to NSF/ANSI 55 for the supplemental bactericidal treatment of disinfected public drinking water or other drinking water that has been tested and deemed acceptable for human consumption by the state or local health agency having jurisdiction. The system is only designed to reduce normally occurring non-pathogenic nuisance microorganisms. Class B systems are not intended for treatment of contaminated water.



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