



GLASCO UV

APPLICATIONS

- Pools
- Drinking water
- Commercial

UV BENEFITS

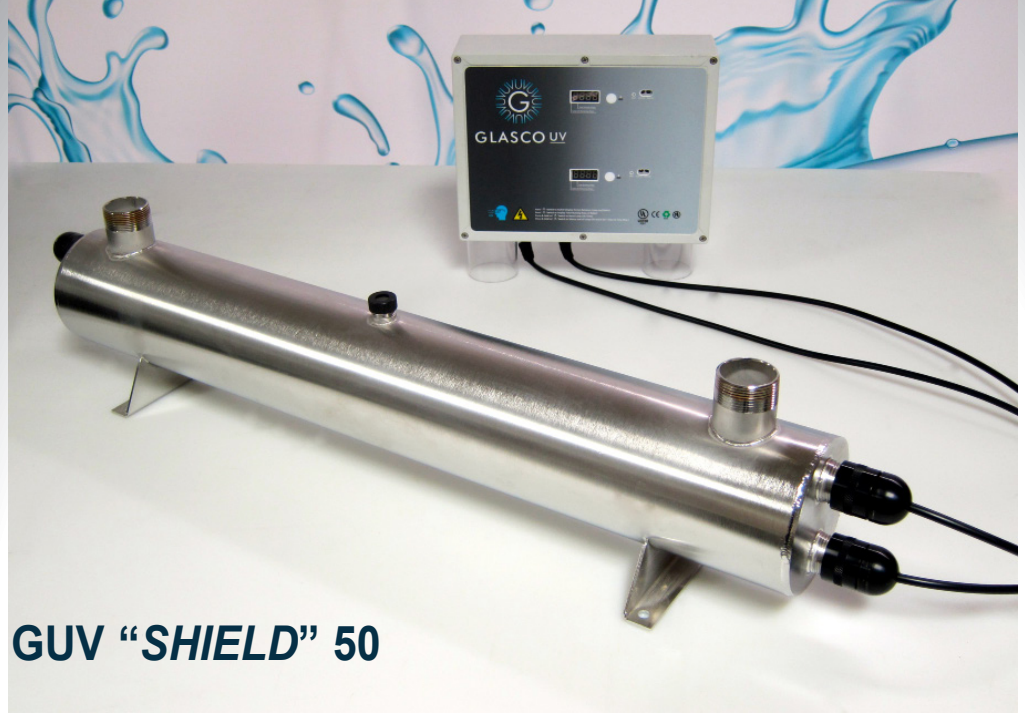
- Chemical free
- Effective on wide range of microorganisms
- Economical - energy efficient
- Easy to service
- Proven safe technology
- US EPA accepted tech

WATER QUALITY

- 5 micron pre-filter
- Turbidity: 5 NTU
- Color: None
- Iron: 0.3 ppm
- Solids: 10 mg/l
- Manganese: 0.05 mg/l
- pH: 6.5 – 9.5
- Hardness: 7 grains
- Tannins: < 0.1ppm
- UV trans.: >75%

SUPPLIES NEEDED

- Screws to mount unit
- Teflon tape
- Proper fittings / unions
- Shut-off valves
- GFCI outlet



GUV "SHIELD" 50

Flow Characteristics	
Applications	Disinfection
Flow rate gpm (lpm)	50 (189) - single pass
Dosage	40 mJ
Vessel Overview	
Vessel	304 L stainless steel
Treatment	Electropolished
Pressure tested	100 psi (6.9 bar)
Mounting	Horizontal or Vertical
Connections	1 1/2" or 2" MNPT
Port	Monitoring port
Lamps	2
Lamp type	Low pressure high output
Wavelength	254 nm
Lamp life	> 1 year - Made in USA
Compression fittings	Anodized aluminum
Oring	Viton
Head gasket	EPDM (if supplied with quartz wiper)
Removal space lamps	36"
Power Supply Center	
Type	Remote Fiberglass
Power	120/220 Volt 50/60 Hz
System nominal watts	<170
Ballast type	Electronic
Alarms	Green / Red lamp status
Running time	Resettable run time with lamp countdown hours
Power connection	4' plug
Options	
UV monitor	Digital 4-20 mA
Fittings	Pool, Spa, Sanitary or Flange types
Quartz wiper	Manual quartz wiper



FEATURES

- Manufactured in USA
- 304L electropolished SS
- 100 psi pressure rating
- MNPT fittings
- Remote power supply
- Audible lamp out alarm
- Lamp countdown timer
- Lamp change reminder
- 9,000+ hour lamp
- GE Type 214 quartz sleeve
- Built in mounting brackets
- 120 - 220 Volt

OPTIONS

- Manual quartz wiper
- Lamp out contact for alarm / solenoid
- UV monitoring system
- Solenoid shut off valve
- Remote audible/visual alarm
- Flow control 20-50 gpm

GUV SHIELD with manual quartz wiping system (GUV-SHIELD-MAN)



The GUV SHIELD MAN system comes with an integral manual quartz sleeve wiping system. A manual wiping system helps remove build up on the protective quartz sleeve. Fouling occurs when the water has impurities like minerals. High iron and hard water can coat the quartz sleeve and interfere with the proper transmission of UV light.

The manual wiper allows the operator to periodically clean the sleeve.

UNIT	GPM	LPM	INLET / OUTLET	WATTS	POWER 120V 50/60 Hz	DIMENSIONS (L x W x H)	SHIPPING WEIGHT	SHIPPING DIMENSIONS
SHIELD-7	7	27	3/4" MNPT	17	.6 amp	18" x 5" x 7"	10 lbs	22" x 9" x 9"
SHIELD-10	10	38	3/4" MNPT	32	.7 amp	18" x 5" x 7"	10 lbs	22" x 9" x 9"
SHIELD-15	15	57	3/4" MNPT	42	.75 amp	37" x 5" x 7"	16 lbs	39" x 9" x 9"
SHIELD-20	20	76	1" MNPT	80	1 amp	37" x 5" x 7"	17 lbs	39" x 9" x 9"
SHIELD-30	30	114	1 1/2" MNPT	90	.75 amp	37" x 7" x 8"	29 lbs	43" x 15" x 14"
SHIELD-50	50	189	2" MNPT	160	2 amp	37" x 7" x 8"	30 lbs	43" x 15" x 14"

UNIT	GPM	LPM	INLET / OUTLET	WATTS	POWER 120V 50/60 Hz	DIMENSIONS (L x W x H)	SHIPPING WEIGHT	SHIPPING DIMENSIONS
SHIELD-7-MAN	7	27	3/4" MNPT	17	.6 amp	18" x 5" x 7"	10 lbs	39" x 9" x 9"
SHIELD-10-MAN	10	38	3/4" MNPT	32	.7 amp	18" x 5" x 7"	10 lbs	39" x 9" x 9"
SHIELD-15-MAN	15	57	3/4" MNPT	42	.75 amp	37" x 5" x 7"	20 lbs	43" x 15" x 14"
SHIELD-20-MAN	20	76	1" MNPT	80	1 amp	37" x 5" x 7"	21 lbs	43" x 15" x 14"
SHIELD-30-MAN	30	114	1 1/2" MNPT	90	.75 amp	37" x 7" x 8"	33 lbs	43" x 15" x 14"
SHIELD-50-MAN	50	189	2" MNPT	160	2 amp	37" x 7" x 8"	34 lbs	43" x 15" x 14"

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