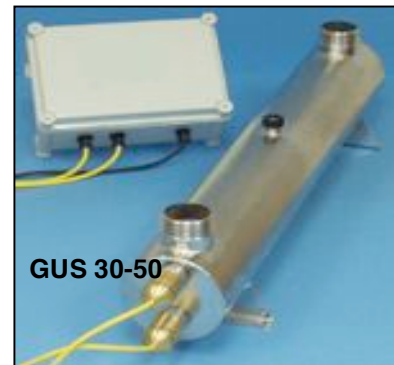
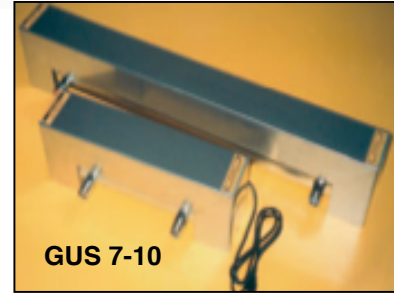




GUS SERIES Ultraviolet Purifiers

- Industrial Quality - Economical Price
- Low Power Requirements
- Stainless Steel Construction
- Water Temperature Range: 35-110° F
- Operating Pressure: 125psi
- Less than 2psi Pressure Drop
- 5-year chamber warranty



Enchlor Inc. has been manufacturing the highest quality water treatment equipment and instrumentation since 1978. Our GUS Series are designed for residential, commercial and industrial drinking water applications. The GUS Series requires minimal annual maintenance and are built to last.

HOW UV DISINFECTION WORKS

Water enters the purifier's chamber. Once inside, it is exposed to UV light. The UV lamp used for this type of germicidal disinfection produces light at a wavelength of 253.7 nanometers (2,537 Angstrom units). At this wavelength, UV light can destroy up to 99.99% of all bacteria, protozoa, viruses, molds, algae and other microbes. This includes such waterborne diseases as: E.coli, hepatitis, cholera, dysentery, typhoid fever as well as many others.

The actual lamp(s) is housed in a quartz sleeve. This sleeve not only helps maintain maximum operating temperature, but also prevents the lamp from coming in contact with the water. Quartz is a special material that allows UV to penetrate.

While in the chamber, the water receives doses of UV energy. To be effective, a minimum dosage of 16,000 microwatt second per square centimeter is applied.

Since the treatment does not change either physical or chemical properties; the water is ready for use when it leaves the disinfection unit

Producing Solutions for Water & Wastewater

130 West Main Street, Silverdale, PA 18962 – (215) 453-2533 – www.enchlor.com

MODEL	Drinking Water			
	Max Flow	Connections	Dimensions	# of Lamps
GUS-7	7 gpm	3/4" NPT	22"x9"x9"	1-17"
GUS-10	10 gpm	3/4" NPT	39"x9"x9"	1-36"
GUS-30	30 gpm	1-1/2" NPT	43"x16"x14"	2-36"
GUS-50	50 gpm	2" NPT	43"x16"x14"	2-36"-HO

MODEL	WASTEWATER			
	Max Flow	Connections	Dimensions	# of Lamps
GUS-7	1.5 gpm	3/4" NPT	22"x9"x9"	1-17"
GUS-10	3 gpm	3/4" NPT	39"x9"x9"	1-36"
GUS-30	10 gpm	1-1/2" NPT	43"x16"x14"	2-36"
GUS-50	15 gpm	2" NPT	43"x16"x14"	2-36"-HO

Wastewater	Requirements
Flow rate (peak)	0-1.5, 3, 10, 15 gpm
Flow rate (average)	TBD
Flow rate (minimum)	TBD
Transmission @ 254 nm	65%
Total suspended solids TSS	<30 mg/liter
Biological oxygen demand	<30 mg/liter
Temperature	40/90 F
Influent (per 100 ml sample)	TBD
Discharge permit	>200 FC/100 ml

AVAILABLE OPTIONS PER SYSTEM

Manual cleaning/wiper system:

UV Intensity Monitor:

Lamp Out, Low Intensity Audible Alarm

Spare lamp:

Spare quartz sleeve: