

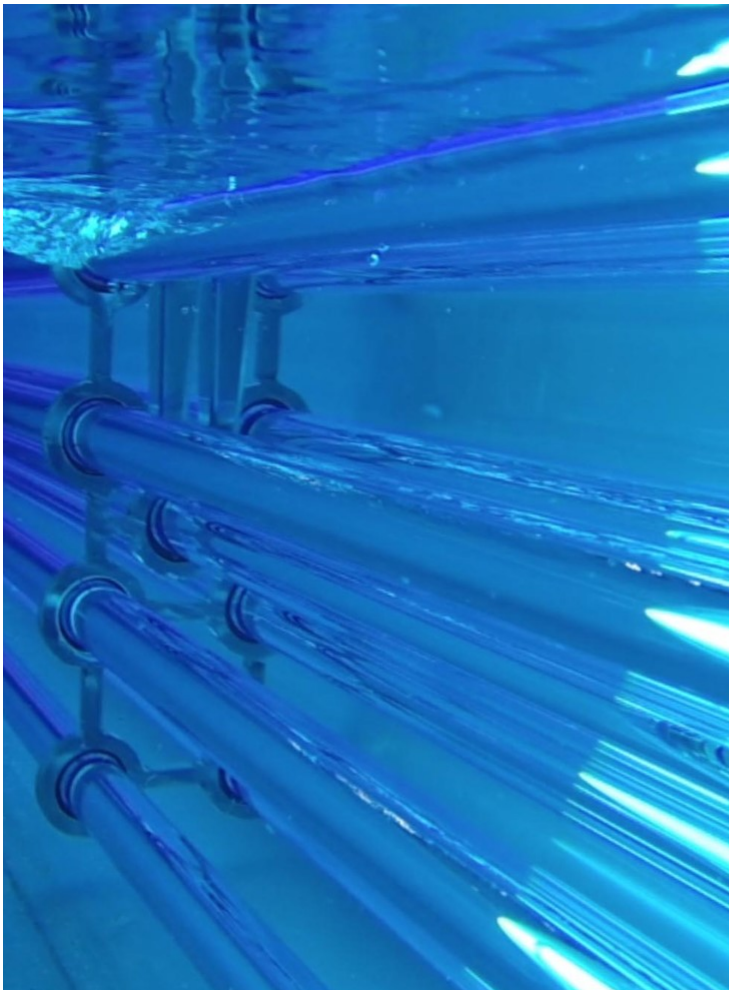
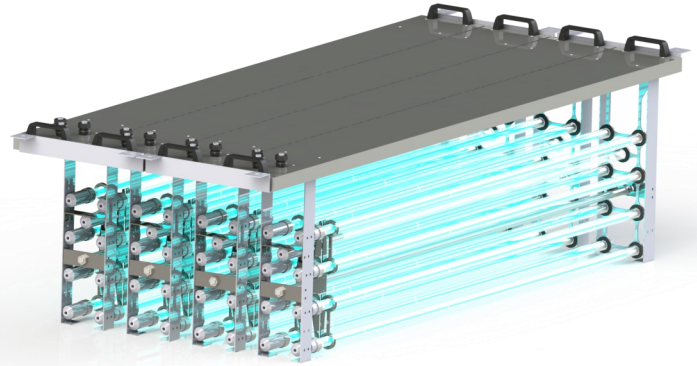
Glow Series

Product Overview

Horizontal UV disinfection systems have been the most widely installed type of UV disinfection products in the world.

Low head loss and ease of installations at flows lower than 5 MGD make this product a standard in the UV market.

Glasco UV is able to retrofit products to work with our competitors existing channel designs.



Experience

- 1999 installed first low pressure high output system
- 2001 installed first 320 watt horizontal amalgam
- 2005 installed 100th wastewater system
- 2007 installed first 450 watt horizontal amalgam
- 2009 NWRI Bioassays conducted
- 2018 installed 17 MGD amalgam system
- Worldwide installation base with horizontal systems installed in North and South America, Europe and Asia



Operation

Modules are lowered into a stainless steel support system. Once in place, the module's utilities (power, data and air) are connected to the Ballast Control Center (BCC) and System Control Center (SCC) directly or through a junction box.

As wastewater enters the channel, banks of modules will turn ON in relation to a flow signal. To aid in lamp life and energy savings, the system can be designed to dim the UV lamps based on a flow signal.

The quartz sleeves and UV sensor are automatically cleaned on a periodic basis. The sleeves are wiped to prevent build-up from adhering to the quartz.

Throughout the year, operators inspect the system to ensure that the lamps are functioning and that they are still producing actual UV light. Lamp Out and Low UV output indicators and alarms will direct operators to the service issue.

Modules are removed for service, cleaning, or seasonal storage.

