



# GLASCO UV

## MANUFACTURER'S RETROFITTED

- Fischer & Porter
- Ultraviolet Purification Systems
- Infilco Degremont
- Trojan Technologies
- Ultra Tech

## RETROFIT BENEFITS

- More economical than new
- Limited disinfection down time
- Integrate more powerful lamps
- Increased flow-same footprint
- Low construction costs
- Streamlined engineering
- Upgrades: automatic cleaning, flow-pacing, PLC control

## SYSTEMS RETROFITTED

- Horizontal Channel
- Vertical Channel
- Chambered (vessel)

## AFTERMARKET LAMP REPLACEMENT

- Trojan 3000
- Trojan 3000+
- Wedeco TAK 55
- Other major companies



# “UV” RETROFIT & LAMP REPLACEMENT

For over 50 years, Glasco has provided UV disinfection equipment manufactured in our New Jersey, USA facilities.

The core of our business is the installation of new UV disinfection systems. Since Glasco offers both horizontal and vertical open channel and chambered UV wastewater disinfection systems, we have the ability to recommend the best system configuration and technology for each individual project.

With the acceptance of UV, there are now tens of thousands of UV systems installed worldwide. As these systems come to the end of their lives (between 10-20 years depending on installation conditions), owners have to deal with selecting a new system.

Ten years ago, we started seeing some larger plants coming to the end of their performance lives. These plants had been using the original standard output UV lamp (65 watts) in both horizontal and vertical configurations.



2003. Existing vertical plant using standard 65 watt lamps. Upgraded to high output 155 watt lamps. Allowed the plant to add automatic cleaning and add ability to treat larger flow rates.



2003. Existing horizontal plant using standard 65 watt lamps. Upgraded to high output lamps. Allowed the plant to add automatic cleaning and ability to treat larger flow rates.



2003. Vertical plant using 65 watt lamps upgraded to amalgam lamps. Allowed the plant to meet more stringent discharge permit.



BEFORE

2012. Existing vertical plant using standard 30" - 40 watt 65 lamps. Upgraded to high output lamps. Allowed the plant to add automatic cleaning and add ability to treat larger flow rates.



AFTER



BEFORE

2007 Existing chambered system using low pressure lamps. Upgraded to high output lamps. Allowed the plant to add automatic cleaning and add ability to treat larger flow rates.



AFTER

[www.glascoouv.com](http://www.glascoouv.com)

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