

RECOMMENDED Spare Parts & Fluids For Your TrojanUV3000Plus

Having the right parts and fluids on hand for your TrojanUV3000Plus™ can help streamline preventative maintenance tasks, keep your system running efficiently, and minimize downtime.

Here are a few of the parts and fluids you should consider keeping in stock.

UV Lamps & Sleeves

UV Lamp	TrojanUV3000Plus lamps have a guaranteed lamp life of 12,000 hours, after which they should be replaced.
Lamp Sleeve	Lamp sleeves should be replaced when the outside is scratched or hazed, or when the inside is fouled. This ensures a consistent and accurate delivery of UV disinfection.
Lampholder	Replacement of lampholders may be necessary if they have been damaged by moisture, an electrical short, or by using non-genuine lamps.

UV Module

Lamp Driver (Ballast)	Power surges or over voltages can damage lamp drivers and necessitate a replacement. Prolonged exposure to extremely high temperatures, humidity or a corrosive environment may also shorten the life of a lamp driver.
Transceiver chip and/or Module Control Board	<p>If a power surge damages a Module Control Board (MCB), often replacing the board's Transceiver Chip is all that's needed to repair it and bring the UV module back online.</p> <p>Other times, an entire MCB needs to be replaced. If it's critical that every UV module is disinfecting, you might want to think about stocking a spare MCB to get your module back online immediately.</p>

Sensors

Water Level Sensor Probes	Water Level Sensor Probes are a critical safety feature of your system that prevent lamps from being exposed to air and overheating. Every month, clear debris and algae away from the probes. If probes are worn or damaged, it's time to replace.
UV Intensity Sensor Sleeve	Replace sensor sleeves when the outside shows signs of etching/cracking or the inside of the sleeve is fouled. This makes sure the Intensity Sensor is able to accurately monitor UV lamp output.

Power Distribution Centre

Maxim Chip + Fuse and/or Communications Control Board	<p>Like the Module Control Board, a power surge could also damage the Communications Control Board (CCB). Replacing the Maxim Chip and Fuse can often repair the board.</p> <p>Other times, the entire CCB needs to be replaced, in which case you may want to consider stocking a spare to get your system back online immediately.</p>
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Sleeve Cleaning System

ActiClean Gel & Pressure Injector

We recommend checking ActiClean™ Gel levels every three or four months. Then, as needed (or at least every six months), top up the gel using a pressure injector. This keeps lamp sleeves clean and free of fouling, providing the maximum disinfection from your TrojanUV system. ActiClean Gel also acts as a lubricant, reducing wear and tear, and extending the life of the wiper seals.

Tip: Store ActiClean Gel in a temperature-controlled area to maintain its cleaning effectiveness.

Grease & Grease Gun

Every 6 months, use a grease gun to inject grease into hydraulic cylinders until clear, clean grease comes out of the vent hole. By clearing away dirty grease you prevent the corrosion of fittings on your ActiClean system.

Our grease has the right viscosity and anti-corrosion properties so it works with your TrojanUV system.

Tip: Remember to remove the vent screw prior to adding grease.

Hydraulic Cylinder

Replace damaged hydraulic cylinders to ensure your ActiClean system is working and able to remove fouling from lamp sleeves.

Hydraulic Fluid & Filter

The hydraulic fluid in the reservoir should be replaced every two years and the fluid level checked weekly and topped up as needed. Our hydraulic fluid is designed to work with your TrojanUV system and is water soluble, biodegradable and can be used in a wide range of temperatures. The hydraulic filter should be changed every year.

Wiper Seal Kits and/or Wiper Canister Assembly

Wiper seals should be replaced every two years. Before this time, if you notice that a lamp sleeve is noticeably fouled compared to other lamp sleeves in the same module, the wiper seals will need replacing. A preassembled wiper seal kit or wiper canister assembly makes this process fast and easy.

Fittings for Wiper Canisters and Hydraulic Cylinders

These fittings are important pieces in keeping your ActiClean system operating properly. If a fitting is damaged, having a few spares on hand can help keep maintenance running smoothly.

Remember to read all user documentation before performing operations, inspections, repair, or maintenance on your UV system.

Your Customized Parts Recommendation

If you are interested in a spare parts recommendation that is specific to your plant, reach out to your regional Trojan Representative or contact us at **1 (888) 220-6118** or **info@trojanuv.com**. You will receive a customized report with suggested quantities, information on warranties, and pricing.

For a list of our global offices, please visit **trojanuv.com/contactus**