

Process Rinse Water Recycling

Use Case: Green Factory Series® – Rinse Water Recycling System (AG-GFS-IXHT)

How much process rinse water do you discharge from your metal parts washing operation? Do you really need to maintain a discharge permit? Forward-thinking companies are now recycling their water rather than discharging it, and the results yield key economic and process quality benefits to their businesses and the environment. Others are still stuck in their antiquated use-clean-discharge business model, one that is no longer suited for their business, our environment or the future of manufacturing.

PROBLEMS:	Process rinse water quality lacks control and discharge is becoming increasingly burdensome and costly.
Purchase	Water must be continually repurchased. Expensive
Permit to Discharge	Discharging contaminated water invokes Federal (EPA) regulations and state/municipal-specific permitting requirements, audits, surprise inspections, and required periodic reporting. Expensive – Burdensome
Batch Dumps	The practice of batch dumping or flow restricting rinse tank to minimize water use frequently results in a lack of process control and poor rinse water quality. Expensive – Risky
Pretreat, Haul and Discharge	Pre-treat and discharge or haul-away business models often leave you in limbo. The industry is fractured without end-to-end solutions. You're often going it alone while regulations evolve at all levels of government. Expensive – Complex – Risky

SOLUTION: Green Factory Series – Rinse Water Recycling System (AG-GFS-IXHT)

AQUASGROUP® simplifies the lifecycle process of recycling rinse water with our Rinse Water Recycling System; a Zero Liquid Discharge (ZLD) system designed for parts washers of all styles, metal finishing lines, water jet systems, X-Ray systems, and post-process rinse systems. Fortune 50/500 companies such as Pratt & Whitney use our Green Factory Series (GFS) solutions throughout their turbine engine production (OEM/MRO) facilities.

BENEFITS:	Radical Simplification of the Rinse Water Process Lifecycle at a Lower Cost
Connects to your Existing Tanks	Designed to integrate seamlessly with your existing rinse tanks so you don't have to upgrade your whole system. Compact design saves precious floor space.
Superior Cleaning and Process Control	Maintains water quality through continuous deionization, enabling nearly 100% water recovery and untainted reuse. Provides high flow rates and water purity,

BENEFITS:	Radical Simplification of the Rinse Water Process Lifecycle at a Lower Cost
	each with an improvement factor of 10x, over your current process. Eliminates stagnation. Impervious to high water temperatures.
Simplified Rinse Water Handling Process	Maintains rinse water in a safe, productive state, enabling indefinite use. AQUASGROUP designs, installs, trains you, and provides end-to-end service and maintenance. We offer exceptional service and are available 24/7/365.
No More Water Discharge, Ever	Recycled rinse water is deionized, and rendered clear and fresh, eliminating the need for discharge. No more permits, fees, audits, reporting, or headaches.