

Reach the PINNACLE of Performance and Reliability

Wastewater

From growing crops to growing kids, we rely on fresh, clean water every single day.

But, it's not just as simple as pumping water out of the ground. Our society generates wastewater at an ever-increasing rate. If wastewater is not properly treated, then the environment and human health can be negatively impacted. These impacts can include harm to fish and wildlife populations, oxygen depletion, beach closures and other restrictions on recreational water use, restrictions on fish and shellfish harvesting and contamination of drinking water.

That's where wastewater treatment plants come in. They remove as much of the suspended solids as possible before the remaining water, called effluent, is discharged back to the environment. Primary treatment removes about 60% of suspended solids from wastewater. This treatment also involves aerating the wastewater, to put oxygen back in. Secondary treatment removes more than 90% of suspended solids. These plants rely on a variety of blowers, compressors, drives, instrumentation sensors and controls.

Wastewater Solutions Video



[Watch Now](#)

Breaking down solids with RC blowers.

One critical step is blowing water into the bottom of the tank to agitate the water and help break down solids more quickly. Not only do you need proper pressure levels, but reliability of these systems is also required to keep plants operating. We provide high-pressure blowers and wastewater turbo blowers that are manufactured in-house for quality assurance and provide long-lasting reliability with pressures reaching up to 10 psi.



Contact us today to discover what we can do for your wastewater applications.

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Measuring the performance of these systems with instrumentation solutions.

We offer a range of transmitters for pressure, flow, and level measurement adapted to aggressive and corrosive fluids. To limit abrasion during purification or mud treatment with loaded water (suspended solids, scum), mountings with flush diaphragm screw-in remote seals are available along with specialized coatings if required.



Controlling the mechanisms of these treatment facilities with AC Drives in pre-engineered packaged units.

Designed for outdoor pumping applications, the FRENIC-EcoPUMP offers specific pump application features like PID control with sleep mode & boost, broken pipe detection, pipe fill mode, submersible pump start control, transducer feedback signal loss detection, and more.

To monitor and operate these systems, we provide HMI displays that include remote monitoring capabilities and connectivity to popular PLCs.



The end result, are components specifically designed to fit into these systems to reliably return clean water back to our environment. Now, that's a sustainable future we can all agree on.

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