



WATER PURIFICATION FOR INDUSTRY



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How Can Desalitech Help?



Process Water & Reuse

Water quality and wastewater treatment are of paramount concern, and Desalitech meets these needs reliably and efficiently.



Record Setting Performance

Desalitech systems recover up to 98% of the water they treat with 4x less maintenance, drastically reduced downtime and up to 35% less energy than competitors.



Praiseworthy Stewardship

Improved water-use helps meet sustainability goals and generates public goodwill.

You're in good company with Fortune 500 brands and leading water users like:



Kimberly-Clark

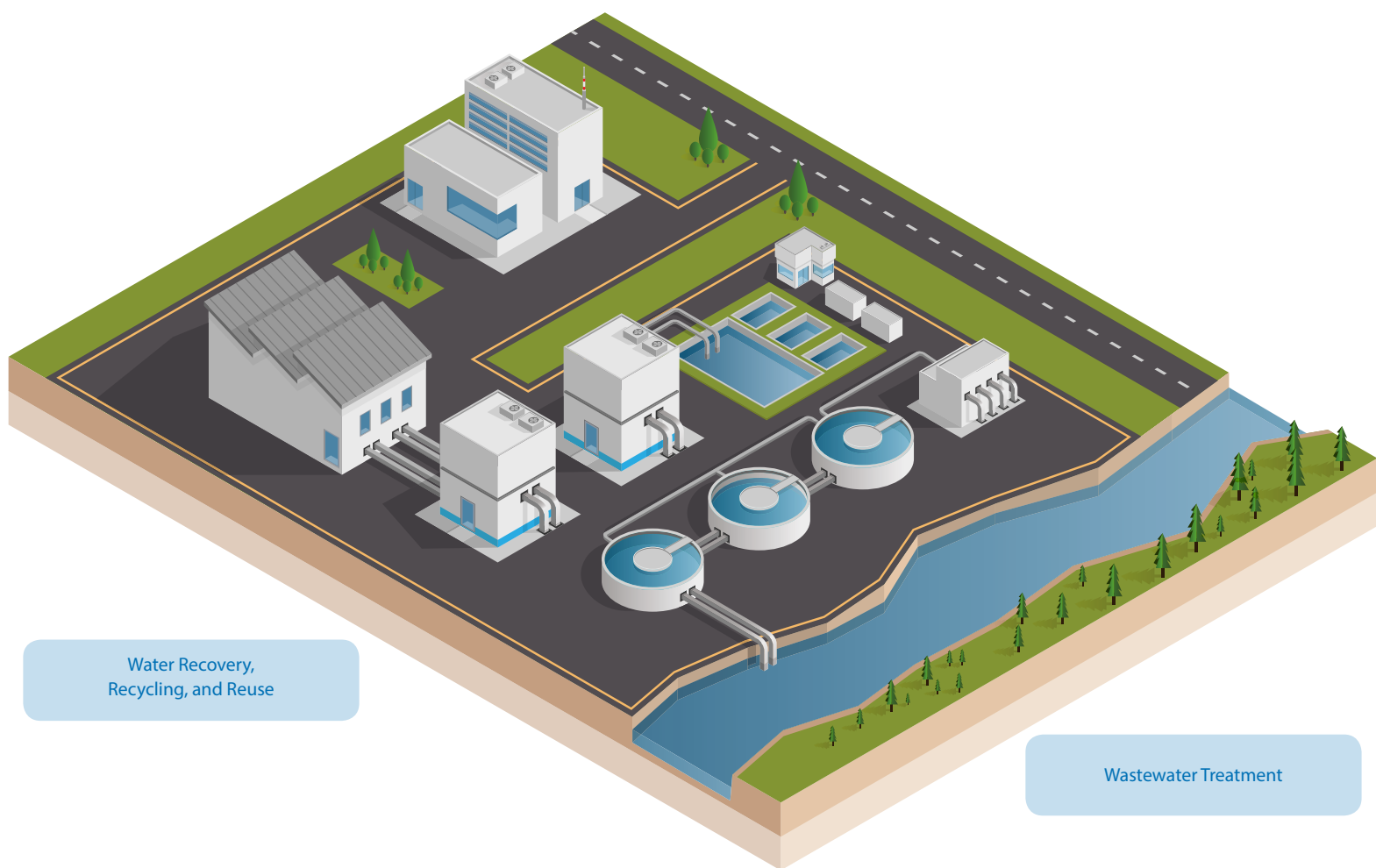


What Can Desalitech Do?

Desalitech's patented Closed Circuit Reverse Osmosis (CCRO) systems save money, water, and operational headaches. They are the first major innovation in reverse osmosis technology in over 50 years.

Process and Ingredient
Water Production

Boiler Feed and Cooling
Tower Makeup Water

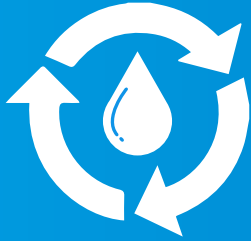


Water Recovery,
Recycling, and Reuse

Wastewater Treatment

(Click on each step to learn more about Desalitech's Water Purification Process)

Why Desalitech?



Maximum Recovery

- Operate your business on less water with unmatched recovery rates up to 98 percent
- Reduce wastewater by up to 85 percent, lowering your environmental impact
- Achieve the maximum return on investment, often in less than a year



Streamlined Maintenance

- Minimize chemical scaling and fouling
- Significantly inhibit biological growth
- Cut downtime and cleaning costs with 4x fewer cleanings required
- Reduce your cleaning time by two-thirds thanks to a single-stage design
- Extend your membrane life



Unmatched Flexibility

- Reduce your energy consumption by up to 35 percent
- Autonomously adapt to changing feed waters and operational needs
- Operate remotely with ReFlex Smart online monitoring, analysis and controls
- Simplify your operation and reduce your complexity

Frequently Asked Questions

You have important questions. We have answers.

What is Reverse Osmosis (RO) purification?

Reverse osmosis is a commonly used form of water purification that utilizes pressure to force water across a semi-permeable membrane, removing a large majority of colors, tastes, odors, particulates, and other contaminants. Traditional reverse osmosis systems are designed using sequential stages, with each stage filtering half of the previous stage's wastewater.

What makes Desalitech's systems different?

Desalitech's ReFlex systems use our patented Closed Circuit Reverse Osmosis (CCRO) process, which combines the principles of simple filtration and traditional reverse osmosis to outperform both. Desalitech systems are capable of unmatched water recovery and energy efficiency, saving time and money.

Additionally, CCRO systems automatically adjust to variations in feedwater quality and changing operational needs. Choosing CCRO can reduce expenses, advance corporate sustainability objectives, and ensure high-quality water from even the most difficult-to-treat sources. Our systems come equipped with software that makes water purification easy, allowing for remote monitoring and the ability to make performance changes from your mobile device or computer.

What if my current Reverse Osmosis system works fine?

"Fine" means there's room for optimization. Desalitech systems recover more water, use less energy — up to 35 percent less — and require up to six times fewer cleanings. They save hours in labor and operational simplicity. Our clients often see a Return on Investment within one year. Let Desalitech's water purification experts help elevate your water purification from "fine" to "great."

What if my company doesn't use a Reverse Osmosis system?

Many organizations have evaluated traditional reverse osmosis systems in the past and rejected them due to their cost and wastefulness. CCRO produces 60-85 percent less wastewater than traditional systems, making it worth a second look. Desalitech systems are extremely versatile, with applications in ingredient water production, boiler feedwater, cooling tower makeup, reuse, wastewater treatment, and more — anywhere clean water is required to meet the strict and unique needs of consumer goods manufacturing.

What is Desalitech's background & history?

Desalitech holds more than 140 patents in 60 countries around the world for its CCRO technology. We are trusted by some of the largest Fortune 500 companies, and more than 80 percent of systems sold have been to repeat customers. Each system is backed by a full warranty including Desalitech's Maximum Recovery Guarantee.

In 2016, Desalitech won the Breakthrough Water Technology Company of the Year Award by Global Water Intelligence, the industry's leading publication and news source. And as of 2017, industry-leading membrane vendors have incorporated CCRO as a standard option in their modeling software.

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