

Our Patented Tech is Called ICP

ICP is like cleaning water with an electromagnet.
The process was developed by our team at **MIT**.



The **first** to purify with

- No Heat
- Low Pressure
- No traditional membrane filtration

Specs

	Reverse Osmosis + Sand + Carbon + Cartridge Filtration	NONA RECOVER	Advantage
L x W x H	15' x 4' x 7'	4' x 4' x 7'	70% smaller footprint
Weight	4,000 lbs	3,000 lbs	25% lighter
Recovery Rate	65-85%	90%	5%-25% more savings
Production Rate	10 GPM	10 GPM	Equal
Power Draw	1.1 kWh/m ³	1.05 kWh/m ³	5% more efficient
Core Technology	Reverse Osmosis	ICP	More Durable

Contact us to learn how much you could save
nona-technologies.com | sales@nona-technologies.com

nona RECOVER

ADVANCED COOLING TOWER BLOWDOWN WATER RECOVERY



**REDUCE
COOLING
WATER USE
BY UP TO**

54%

Introducing **nona** RECOVER

Patented MIT purification tech gives any cooling system state-of-the-art efficiency with an easy plug & play retrofit.

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Save Water with RECOVER

An average commercial building will spend more than \$50,000 USD each year on cooling tower water that goes down the drain.

The Nona RECOVER system saves 90% of discharged blowdown water, reducing total site water consumption and cooling OpEx over 50%.

Recovering cooling blowdown is a win-win, saving both water and money, but traditional methods struggle with the complexity of cooling water.

Our patented process, developed by our team at MIT, opens the door for high efficiency recovery with a positive ROI for your business.

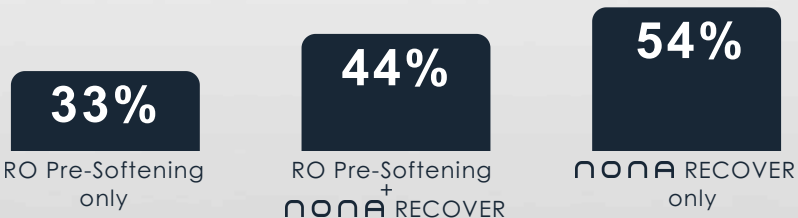


Savings Potential		
Cooling Tower Size (Tons of Refrigeration)	Annual Water Savings (Gallons)	Estimated Annual Savings (USD)
200	700,000	\$5,000
300	1,000,000	\$10,000
500	1,800,000	\$20,000
1,000	3,500,000	\$40,000
2,000	7,000,000	\$85,000
5,000	18,000,000	\$220,000

*Table assumes a starting point of 2.7 Cycles of Concentration, \$6.13 per kGal for makeup water, \$7.23 per kGal for sewer, \$0.15/kWh electricity, and 3,720 operating hours per year. Savings figures are net of system OpEx

How does this compare to pre-softening cooling water with Reverse Osmosis (RO)?

Cooling water volume savings potential vs baseline*



*baseline assumption is 2.0 CoC with 600 uS/cm makeup water

Features



Easy to Retrofit

The RECOVER system is a simple plug & play addition to any cooling tower, new or old. Installation won't alter the internal function of your tower in any way. Your tower can continue running uninterrupted during installation.



Modular

Each module can treat up to 10 GPM of water which correlates to roughly 600TR of cooling capacity. Multiple systems can be easily colocated and connected to one another to modernize larger cooling systems.



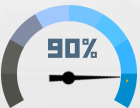
Tough

Originally designed to desalinate seawater, our patented process makes easy work of high mineral and chemical content cooling water. RECOVER is weatherproof and can be installed inside or outside.



Energy Efficient

Our patented process is the most efficient way to remove minerals and chemicals from cooling water. Our system will not even be noticeable on your electric bill, but will return considerable water and sewer savings.



High Recovery

The RECOVER system operates at a 90% Recovery Rate, which is higher than even the best RO systems. For every 10 gallons that leave your cooling system as waste, we send 9 of them back into circulation cleaner than tap water.

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