

## The AirSCWO processors series

Our Supercritical Water Oxidation (SCWO) reactor converts over 99.9% of the waste to clean water and carbon dioxide in seconds. A quick and effective reaction and energy recovery are at the heart of the system's design, enabling a sustainable and compact on-site solution.

The technology is Feedstock agnostic and self-sufficient that can accommodate municipal, agricultural, and industrial waste treatment needs with different capacities.

The modular Nix systems can be deployed anywhere quickly and flexibly.

A self-sufficient solution that eliminates residuals transportation with full resource recovery of clean water, energy, and minerals which boosts resiliency and sustainability.



Model	Daily Capacity (wet ton)	Energy Produced (+) / or Draw (-) (kWh/day)	Allocated Land (ft <sup>2</sup> )	CapEx (\$/unit)	Distilled Water Generated (gallons/ day)
Nix 6	6	-240	320	\$2.2M	720
Nix 30	30	+300	960	\$5M	3,500
Nix 200	200	+4,000	5,000	\$19M	23,000

## Waste types

- Biosolids (fecal sludge, primary, secondary, and digested sludge)
- Animal manure
- Food & beverage wastes
- Pharmaceutical wastes
- Hazardous & industrial wastes

## Applications



Industrial WWTP



Municipal WWTP



Food Waste



Chemical Plants



Ag Waste



Army Camps & Emergency Situations

## Benefits

- High treatment efficiency
- On-site treatment - no hauling needed
- Prefabricated, easy to deploy units
- No incineration or landfilling
- Can co-treat different waste types at the same time
- Zero polluting emissions or byproducts
- Competitive cost

To schedule a demo and receive more information, please contact us at [www.374water.com](http://www.374water.com) or [info@374water.com](mailto:info@374water.com)