



WES SERIES

Mobile Wastewater Processing Plant



**On-site Wastewater
Processing Redefined**

 **ECOJOHN**
Sustainable Technologies



www.ecojohn.com 1-866-326-5646

How does it work ?

The ECOJOHN® WES Series is a self-contained wastewater evaporation system designed for efficient on-site management, particularly for applications requiring higher capacity. The system is housed within a converted cargo container and is equipped with integrated SepticJohn incinerators. The WES Series leverages the power of proven SepticJohn incineration technology, known for its reliable and efficient processing of all black and greywater. Wastewater from your site is collected and pumped into the WES unit's holding tank. The system automatically transfers wastewater from the tank to the integrated incinerators once a predetermined level is met. The incineration process uses high temperatures to convert wastewater into a small amount of sterile ash. This strategic design, utilizing one or more SepticJohn units, provides scalable incineration capacity for increased wastewater volumes. This process eliminates the need for traditional septic systems, leach fields, and costly pump-out services, drastically reducing waste volume and simplifying management with minimal ash disposal.



Our Services

WASTEWATER DESIGN

With years of experience navigating a wide array of wastewater challenges, we are well-equipped to help you design the perfect WES system for your property. While we have an established network of skilled wastewater professionals, we also routinely collaborate with new professionals in your area if needed.

To ensure expertise and quality, we provide comprehensive training and our certification on the unique aspects of our WES systems, empowering designers to create optimal and tailored solutions for any site.

REGULATORY CONSULTING

We understand that navigating regulations can be a crucial part of deploying the WES Series. That's why we offer expert regulatory consulting services to assist our customers in obtaining necessary approvals. To support your application, we provide comprehensive documentation, including NSF testing results for ash content and air emissions. Furthermore, our team is ready to communicate directly with local and state agencies, ensuring a smooth and efficient approval process for your WES Series system.

The WES Series: Mobile Versatility

The ECOJOHN® WES Series is designed for diverse applications where traditional sewer systems present challenges. It provides a robust and reliable wastewater solution for locations such as mining and drilling sites, exploration camps, and construction sites. Its self-contained units offer flexible installation options and the ability to operate independently of the grid, making them ideal for remote or temporary settings.

Designed for both temporary deployment and long-term permanent use. The WES Series is also a versatile solution for sites like RV parks and is suitable for urban commercial settings where space is limited or traditional connections are difficult. Its scalability allows for deployment for both small and large-scale projects. This system offers unparalleled freedom from the limitations of conventional wastewater handling, providing an efficient and environmentally responsible alternative for a wide range of challenging environments.



When to Choose WES

- ✓ RV Parks and Glamping Destinations
- ✓ Urban Locations with no city sewer
- ✓ Remote mining camps
- ✓ Military and Research Installations
- ✓ Ski Resorts, Fishing Camps. Hunting Lodges
- ✓ Factories and Business Parks

The WES Series is a revolutionary, self-contained alternative for wastewater management. It provides unparalleled freedom from traditional septic systems, leach fields, costly pump-outs, and the complexities of wastewater hauling, making it an ideal solution for commercial properties and challenging sites. Powered by innovative incineration technology, the WES efficiently reduces all wastewater to sterile ash, minimizing environmental impact and simplifying on-site maintenance.

MODEL SPECIFICATIONS

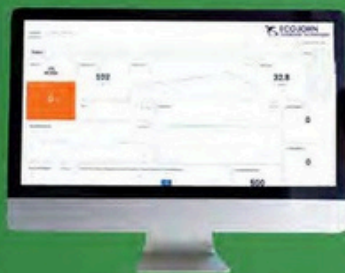
MODEL	CAPACITY	DIMENSION
WES-250	300 Gal/Day	10'x8'x8.6'
WES-500	600 Gal/Day	20'x8'x8.6'
WES-750	900 Gal/Day	20'x8'x8.6'
WES-1000	1200 Gal/Day	40'x8'x9.5'
WES-1500	1800 Gal/Day	40'x8'x9.5'
WES-2000	2400 Gal/Day	40'x8'x9.5'

TECHNICAL SPECIFICATIONS

Fuel	Propane, Natural Gas, Diesel
Power	120V/240VAC 100-200Amp
Equipment	A/C & Heater

REMOTE MONITORING

Enjoy unparalleled peace of mind and convenience with the WES Series' remote monitoring capabilities. Monitor your system's status from anywhere, at any time, reducing the need for costly on-site checks and providing valuable insights into its operation. The WES Series' remote monitoring keeps you connected and informed, simplifying wastewater management for your site.



Approval
ETL Listed

Conforms To: UL STD 791
Certified To: CSA/CGA STD 5.2
Certified To: CSA STD C22.2 No. 3



NSF Protocol P157
Incinerating Toilet Systems - Health and Sanitation
(replaces 1983 edition of NSF Standard 41)
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