

**DELTA ENVIRONMENTAL<sup>®</sup>**  
**ECOPOD-N<sup>®</sup>**  
**NSF/ANSI 40 AND 245 CERTIFIED**  
**RESIDENTIAL WASTEWATER**  
**TREATMENT SYSTEM**



# DELTA ENVIRONMENTAL®

## NSF/ANSI 40 AND 245 Certified Residential Wastewater Treatment System

### ECOPOD-N® Advanced Wastewater Treatment

ECOPOD-N is the clear choice for an on-site wastewater disposal system where nitrogen reduction is required. Its technology was tested under Standard 40 and 245 of ANSI/NSF International with an average nitrogen reduction of greater than 50% and met and exceeded Class 1 requirements with an average effluent quality of 9 mg/L BOD5 and 8 mg/L TSS.

ECOPOD-N directly contributes to a cleaner, safer environment using the bacteria nature provides. As a result of air being pumped into the system, the bacteria thrive and grow in much greater numbers than would occur naturally. This "overpopulation" of bacteria speeds the process of breaking down the sewage, making it safe for release into the environment.

ECOPOD-N significantly reduces BOD, TSS, fecal coliforms, and nutrients in the wastewater. Nitrification and denitrification occur in a single tank.

ECOPOD-N series uses a fixed film process which is characteristically stable, reliable and sturdy. Fixed film is a preferred treatment process for on-site wastewater treatment systems.

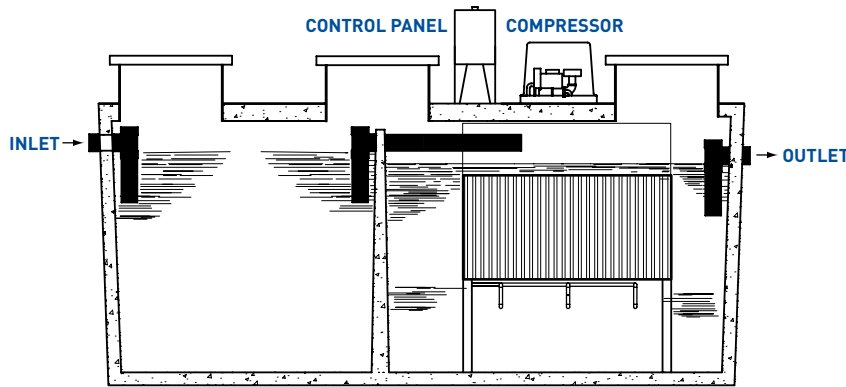
### ECOPOD-N Available Offering

ECOPOD-N Units are manufactured to specifications according to wastewater flow requirements. Units are available in the following sizes:

- Model E50-N treating 500 gallons per day
- Model E60-N treating 600 gallons per day
- Model E75-N treating 750 gallons per day
- Model E100-N treating 1,000 gallons per day
- Model E150-N treating 1,500 gallons per day



# The Future of On-site Wastewater Now Certified to NSF/ANSI Standard 245 for Nitrogen Reduction



## Why Use ECOPOD-N® Advanced Wastewater Treatment?

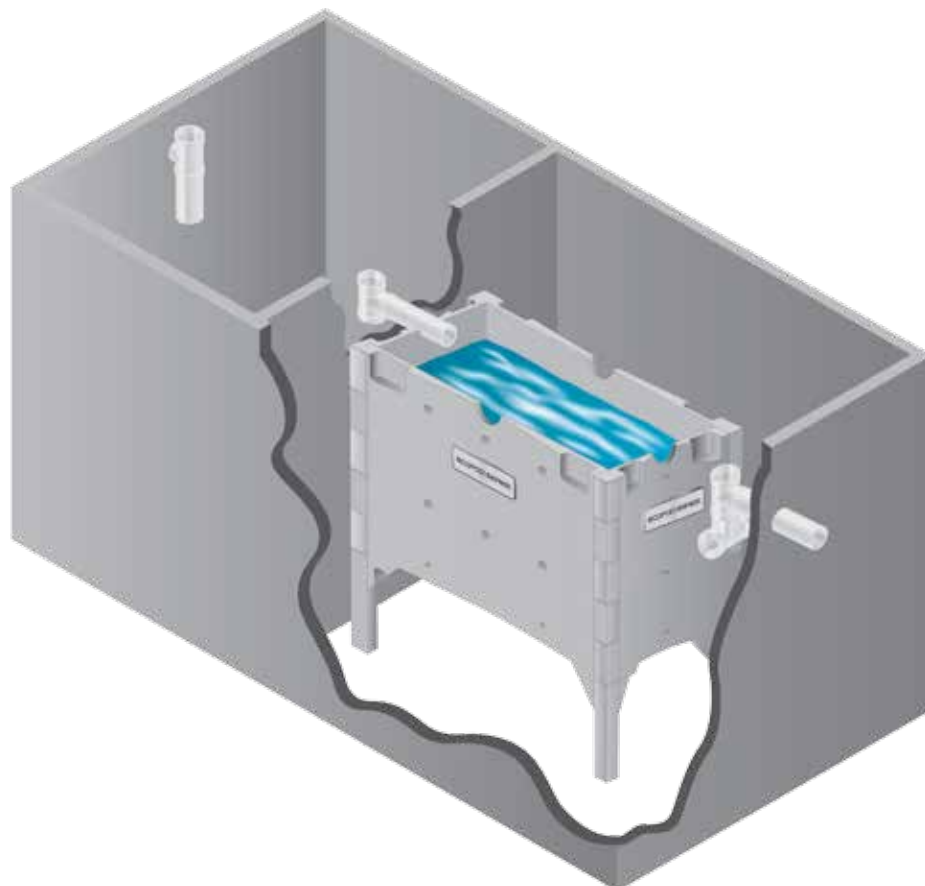
- Built with technology which meets ANSI/NSF International Standards 40 and 245 – Class 1
- Completely submerged reactor disposes of wastewater quietly, efficiently, and with no odor
- Typical effluent quality of 9 mg/L BOD5 and 8 mg/L TSS
- No inner tank filters, screens or diffusers to service
- Patented non-clogging air delivery system
- Remote mount air compressor
- Low initial capital cost and operation
- Complete on-site system designs
- ECOPOD-N treatment systems are pre-engineered, requiring no special expertise to design, specify, or install
- True attached growth system – no mixed liquor
- Integral clarifier – no external clarifier required

## Manufactured According to Need

Two choices of fabrication are offered, consistent with your preference or regulatory requirements:

- Fiberglass Construction
- Concrete Construction\*
- Round or Rectangular

\*Based on regional availability



Design Components Material Specifications	
Shown is the ECOPOD-N MODEL E50-N	
Treatment Capacity	500 GPD
Electrical Requirement	115/1/60
Aerator Compressor	EN50

# Other Delta Environmental® Products

A respected leader in wastewater treatment with decades of technical design and manufacturing experience, Delta Environmental is committed to the continuing development of new products in the 21st century.

**WHITewater®**  
DF SERIES

**CONTROL**SERIES

**ECODRIP** SERIES

## Distributor Network

ECOPOD® Series Advanced Wastewater Treatment Systems and accessories are sold, installed and serviced by certified distributors who are fully trained to provide all necessary components and to ensure professional installation.

**ECOPOD** SERIES



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