

Advanced Enviro-Septic™ (AES) Treatment Systems Configuration Options & Comparisons

Please Note: Advanced Enviro-Septic™ pipe from Presby Environmental is utilized in both NSF Standard 40 Models and in site-specific designs as allowed by State and/or Local approving authorities. NSF-40 testing of AES confirms effluent treatment and system reliability; however, State and/or Local regulations govern infiltration design considerations. The virtually unlimited design options of AES pipe made it impractical to submit all possible system configurations to NSF-40 testing protocols for Certification. The summary below highlights the major differences between AES Systems designed in accordance with State and/or Local regulations for a specific site and NSF-40 Certified Models constructed with AES pipe.



Advanced Enviro-Septic™ Systems per State/Local Approvals

(Visit website for current State Approvals:
PresbyEnvironmental.com)



**NSF Standard 40 Class I Certified
Advanced Enviro-Septic™ Systems
Certificate No. 3U460-0
Issued 09/22/09**

State-Specific Configurations:

No “models,” site-specific designs by Certified Designers as approved by State or Local approving authorities

Can be designed to accommodate any hydraulic design flow from 300 gallons per day up

Bed or Trench sizes per State regulations

All systems provide combined treatment and dispersal into underlying soils

NSF-40 Certified Models Available:

CTD* 450 & SPD[□] 450 (three (3) bedroom)

CTD* 600 & SPD[□] 600 (four (4) bedroom)

CTD* 750 & SPD[□] 750 (five (5) bedroom)

CTD* 900 & SPD[□] 900 (six (6) bedroom)

CTD* 1050 & SPD[□] 1050 (seven (7) bedroom)

CTD* 1200 & SPD[□] 1200 (eight (8) bedroom)

CTD* 1350 & SPD[□] 1350 (nine (9) bedroom)

CTD* 1500 & SPD[□] 1500 (ten (10) bedroom)

* CTD Models are “bottomless” and provide combined treatment and dispersal

□ SPD Models are constructed within an impermeable geomembrane liner, separate dispersal system required

Components and AES pipe sold separately
Replacement systems can use existing septic tank if structurally sound
No maintenance contract required

“System” must be purchased as a “package” that includes AES pipe, all required components (including septic tank, alarm, sampling port, distribution box, and geomembrane liner for SPD models) and a mandatory two-year pre-paid maintenance contract.

Trained/Certified Network of Designers and Installers; product available through local dealers/distributors

Available only through Authorized Representatives trained by Presby Environmental

Does not require electricity or alarms; some states require sampling/observation/inspection ports

Requires electricity, high water alarm, and sampling device

Systems can be designed in unique shapes (trapezoid, curved, angled, etc.) to adapt to site’s topography and constraints.

Can be used in bed or trench configurations
Basic Serial, Combination, Multiple-bed and Distribution Box configurations

Systems are rectangular and installed in bed format using Distribution Box (“Parallel”) Configuration only

Systems can be installed level or sloping (maximum site slope 33%, maximum system slope 25%, or as permitted by State approvals)

Systems must be installed level to within +/-½ inch

Component labels do not bear the NSF logo

Component labels bear the NSF logo

Residential, Commercial and Community applications (varies by State)

Residential Use ONLY

State-Specific Design and Installation Manuals provide information specific to the use of Advanced Enviro-Septic™ per State Approval.

NSF-40 Certified Models utilize a distinct Installation Manual available only to Authorized Representatives of Presby Environmental. Please call Customer Service at (800) 473-5298 for more information.