



## Features & Benefits

<u>Feature</u>	<u>Benefits</u>
The Aero-Stream® System Performs	We have installations across the USA from Alaska to Florida and California to Massachusetts. We have over a 95% success rate in Aero-Stream® system installations. This is a great accomplishment, however, we understand that every system is unique and there are parameters beyond our control. We will strive to keep this record intact. This means that we can state with confidence that the Aero-Stream® system will resolve your problems too.
Fast Results	The Aero-Stream® process goes to work immediately. In most applications ponding and back-ups can be minimized or eliminated in a few weeks. After your system regains its functionality, the Aero-Stream® system begins building your reserve capacity, restoring your system to a worry free condition.
12-Month unconditional money back guarantee!	<p>You will find no “fine print” here. The goal of Aero-Stream® is to help you resolve your septic problems forever. Simply put, if we cannot help you, we do not want your money. We are confident that the Aero-stream® process will improve the performance of your system. However, we understand that every system is unique and there are parameters beyond our control. Therefore, if during the first 12-months you are not satisfied with the improvement in the operation of your septic system you can return it to us for a full money back refund. It would be beneficial for the customer to contact us via e-mail or telephone within 60 days of purchase notifying us of their remediation progress and work with our free technical support. We will verify and troubleshoot the installation procedure. If the customer is not satisfied with the progress we will proceed with the refund process at that time or continue the guarantee to 12-Months from the purchase date based on the preference of the customer! All you have to return is the motorized unit. We'll even provide the return packaging material and return shipping labels! All the other parts of the system can stay where they are; there is no need to reopen your septic tank.</p> <p>If the Aero-Stream® product cannot solve your problem you will most likely need to replace your system. This will be at considerable expense. Aero-Stream, LLC understands this expense and believes that we should not contribute to this unfortunate situation. The bottom line of our 100% full satisfaction and money-back guarantee is that if we cannot solve your problem to YOUR satisfaction we simply do not want your money.</p>



<b><u>Feature</u></b>	<b><u>Benefits</u></b>
Compact Size	The Aero-Stream® environmental unit is relatively small, only 12” x 12” x 8”. The unit simply rests on the ground near an electrical outlet. The rest of the system components are installed out of site. The unit will blend in with other utility boxes going unnoticed.
Remote installation	The Aero-Stream® environmental unit can be placed up to 100’ away from the septic tank or seepage pit with our optional extension kit. If you have a unique installation we will spend the time to find a solution that meets your site conditions.
Quiet operation	The Aero-Stream® environmental unit has been designed with low sound output. The product is fully soundproofed and emits less than 45 dBA @ 15’. To put this into perspective, the ambient sound level in a rural setting with a light breeze is about 46 dBA. An urban area will be even higher. Every 3 dBA reduction in sound output is equal to a 50% reduction in sound level. Additionally, the sound output of the Aero-Stream® equipment is very low frequency. This means the Aero-Stream® system will quietly scour your system unnoticed.
Use as necessary for remediation and maintenance	After the Aero-Stream® system is installed, you will need to run the equipment for 12 – 18 months to ensure thorough remediation. At the end of that time period, simply turn off the Aero-Stream® environmental unit. There is no need to do anything else. You can just leave all of the components and equipment in place. When you want to maintain your system in a few years, simply turn the Aero-Stream® equipment back on and the Aero-Stream® process will quietly scour your system again!
No additives or chemicals required.	The Aero-Stream® system takes advantage of the naturally occurring bacteria present in your septic system. You won’t need to add some “magic” bacteria that “magically” dies every year and must be replaced. The fact is, natural bacteria will sustain the required population count based on their food source which is the solids in the waste stream. Mother nature will always keep their population in check.
Utilizes Micro-Bubble diffusion technology.	Our process maximizes oxygen transfer by producing a large quantity of tiny bubbles. The smaller the bubble the greater the bubbles surface area to volume ratio. This means better oxygen transfer with less air volume.
Worldwide Recognition	The problem of failing septic systems is not just in your backyard, but a global problem. Aero-Stream®, LLC has gained global recognition for our innovative technology. We currently have trials underway across the globe.



<b><u>Feature</u></b>	<b><u>Benefits</u></b>
Purchase Protection	If you have any concerns whatsoever about our refund policy we suggest that you speak with your MasterCard or VISA issuer. Generally speaking, as a consumer, you have the right to charge back a company for reasonable disputes. Our credit card processing company must refund money requested by a chargeback from a consumer. If we would dispute a chargeback for an unreasonable chargeback that does not fall into our guarantee policy, we would need to prove the invalidity of the chargeback. The bottom line is that the consumer is fully protected! We suggest that you investigate your rights if you have any concerns!



## **Summary of How the Aero-Stream® System Works**

Bacteria are what enable wastewater to be treated and safely disposed off. This applies to home septic systems as well as community municipal wastewater treatment plants.

The treatment difference between the two systems is the type of bacteria involved. A home septic system uses anaerobic bacteria. Anaerobic bacteria live off non-oxygen containing food. A septic tank itself does not have an oxygen supply so the only bacteria that can digest the solids in the wastewater must be anaerobic, able to live with out oxygen.

The problem with anaerobic bacteria is that they leave the septic tank and go into the drainage bed of the septic system. They continue to feed on the non-oxygen containing unfiltered wastewater. In the process, they eventually build up a thick layer of smelly, slimy anaerobic bacteria that clogs the drainage bed. Wastewater then accumulates above the anaerobic bacteria layer. This causes odorous ponding and septic tank backups.

Municipal wastewater treatment plants introduce oxygen into the holding tank to enable aerobic bacteria to decompose the solids in the wastewater. Healthy aerobic bacteria work faster, are odorless and do not clog drainage systems.

The solution to most home septic systems, problems or preventative maintenance, is to introduce oxygen into the septic tank. This encourages healthy, active aerobic bacteria to decompose the solids in the wastewater. The wastewater discharged to the drainage bed now contains a substantial amount of oxygen. This severely limits the amount of non-oxygen waste that the anaerobic bacteria need to live. They are starved and disappear from the drainage beds again allowing the wastewater to properly filter through the drainage bed.

The Aero-Stream® System introduces oxygen into the septic tank using special diffusers and filters. It is like converting to a municipal treatment system.

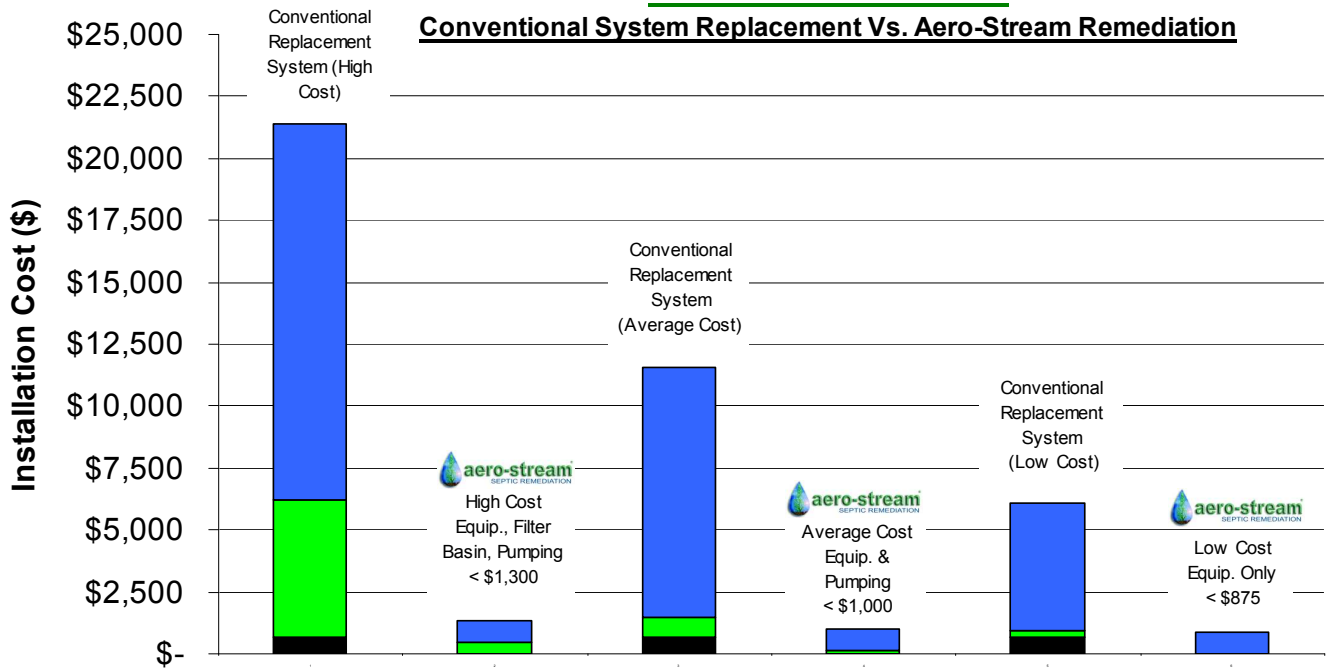
## **Installation Procedure Summarized**

- Locate septic tank cover and remove.
- Lower sintered diffuser/float assembly into septic tank.
- Insert effluent filter into outlet baffle.
- Place QT 800 near 115 Volt power outlet.
- Connect air line from septic tank to QT 800.
- Utilizing a garden spade, bury air line about 1"- 2" under surface so line is not damaged by lawn mowing and other yard maintenance.
- Plug QT 800 into outlet.



### COST COMPARISON

#### Conventional System Replacement Vs. Aero-Stream Remediation



#### Homeowner Options

- Equipment & Installation (Tanks, Pipe, Gravel, Filters, Trucking, etc.)
- Incidental Expenses (Pumping, Site Clearing & Landscape Restoration)
- Permits/Code Compliance (State & Local Sanitary, Soil Test. Etc.)



## COST OF OWNERSHIP

Every anaerobic septic system has a finite service life. There are many variables that determine the functional life that include system type, soil conditions, daily hydraulic loading, system use or abuse, installation techniques, etc. The combination of the variables can cause a system to fail in as little as five years or last as long as 50 years. However, the typical system life is about 15 years. When most people build a new home or replace their septic system they consider it a one time expenditure. The fact is, the typical system will need to be replaced several times during the service life of the building or dwelling and most of the time at least once during the life of the home mortgage. Using the national averages of life and system cost the cost of ownership is as follows:

$\$11,250$  (system cost) / 15 years (average system life) =  **$\$750/\text{year}$**  or  $\$62.50/\text{month}$

Obviously the actual service life of your system and the installation cost will greatly influence your annual cost.

Additionally you will incur maintenance cost primarily for regular pumping. This can range from  $\$120$  -  $\$300$  for each pumping. It is difficult to predict when each system should be pumped, however, most systems require pumping every 3 – 4 years. Using the averages, your cost of maintenance is as follows:

$\$210$  (cost to pump) / 3.5 years (pumping frequency) =  **$\$60/\text{year}$**  or  $\$5/\text{month}$ .

When your system is nearing its service life, pumping may be required every 1 – 6 months. This will increase the maintenance cost to  **$\$420/\text{year}$**  -  **$\$2,520/\text{year}$**  or  $\$35/\text{month}$  -  $\$210/\text{month}$ .

As you can see, the investment and cost of your septic system should not be overlooked. Using the Aero-Stream® System you can maintain the value of your investment and minimize your annual cost.

Please call us at 262-538-4000 to place your order.