



# AQUAWORX REMEDIATOR™

The non-invasive solution for malfunctioning septic systems.



 **AQUAWORX™**  
by INFILTRATOR®



# THE AQUAWORX REMEDIATOR

The Aquaworx Remediator rejuvenates most failing septic systems with minimal landscape disruption. This unique solution is inserted into the existing septic tank and can reverse the biological clogging process causing the failure in as little as two weeks.

The Aquaworx Remediator can rejuvenate most types of wastewater drainfield designs and is a simple, permanent solution that is inexpensive to install, operate and maintain.

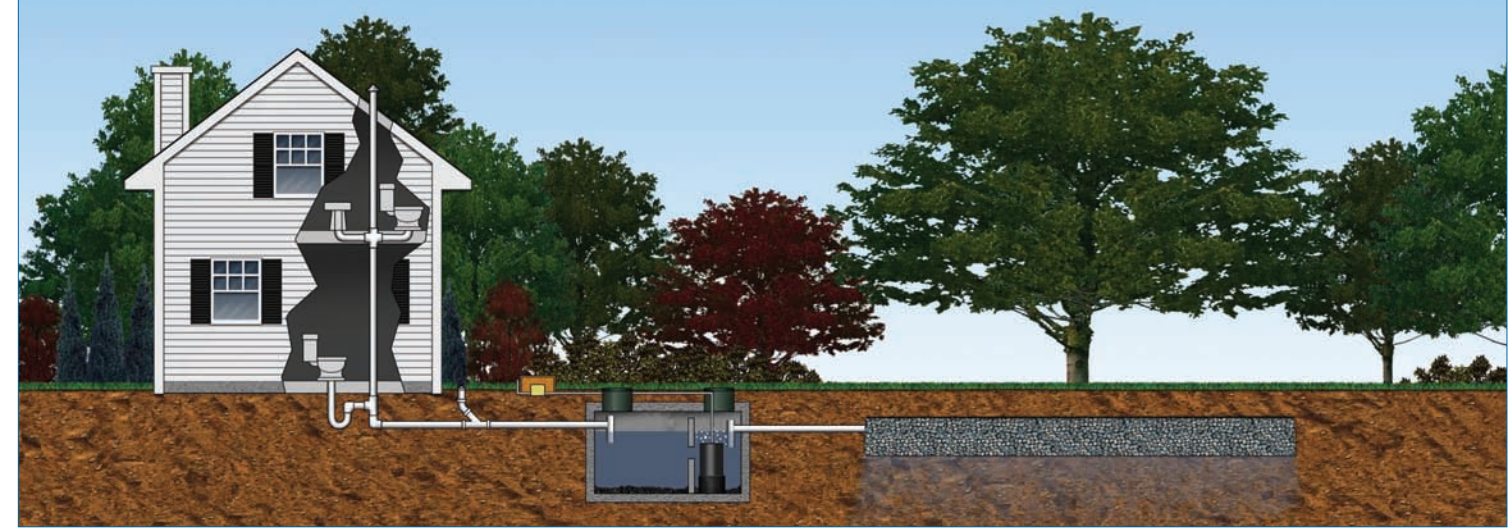
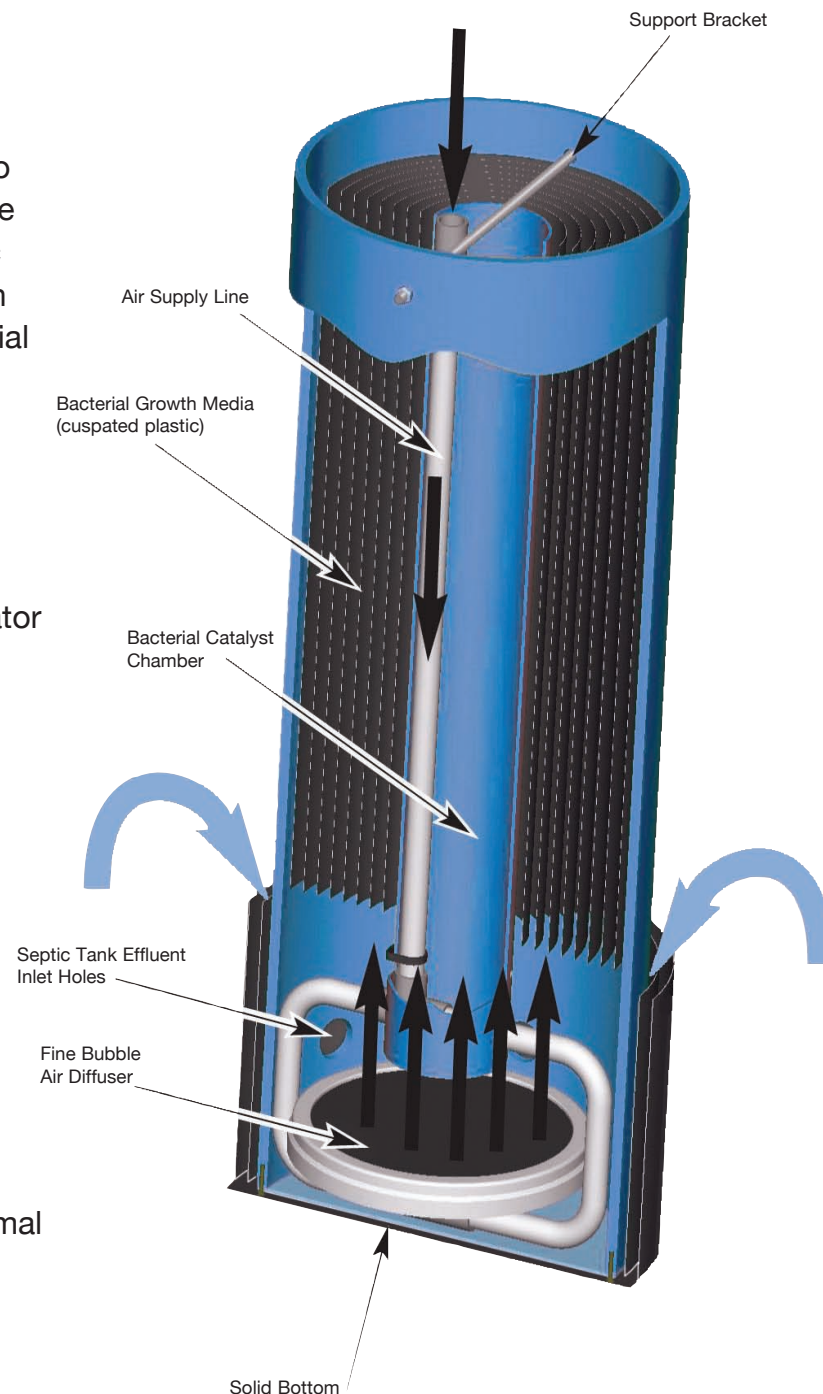
## STRUCTURE AND OPERATION

The Aquaworx Remediator is an airlift column. Inside its structure, bacteria are introduced into the center column where they combine with the oxygen enriched effluent. The cusped plastic wrapped around the bottom outside and within the Aquaworx Remediator provides a substantial surface area for the colonization of bacteria.

Aerobic bacteria thrive within the tank and stimulate the reversal of the drainfield clogging process as they work to consume the organic matter. The end result is predictable, reliable drainfield remediation. The Aquaworx Remediator is not an Advanced Treatment Unit.

## BENEFITS

- Eliminates the need for complete drainfield replacement
- Provides a non-invasive environmental solution that strengthens the natural process of wastewater treatment and groundwater recharge
- Odors and wet areas in yards are eliminated in as little as two weeks
- No heavy equipment, no landscape damage
- Easy installation with hand tools means minimal disruption and a quick return on investment
- Permanent solution
- Minimal cost to operate and maintain



## THE SCIENCE BEHIND THE REMEDIATOR

The Aquaworx Remediator system works by simply enhancing the natural treatment process in which oxygen and bacteria work together to maintain a clog-free septic system.

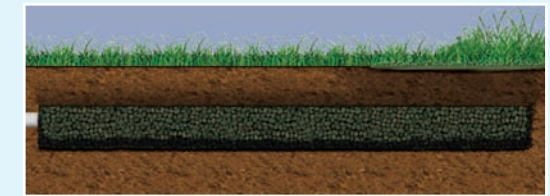
Under normal operation, a septic system builds up a biological layer (biomat) that restricts the soil's ability to absorb water. Over time, the biomat may become overly restrictive ultimately causing a system malfunction. Once installed in the septic tank, the Aquaworx Remediator uses a Fine Bubble Air Diffuser to introduce oxygen into the Bacterial Growth Media column so the bacteria can begin to thrive and consume organic matter. The aerobic bacteria combine with the oxygen rich effluent in the tank and then move to the drainfield to reduce the clogging layer and restore infiltration into the soil. It's simple, reliable and natural.

## THE BACTERIAL CATALYST

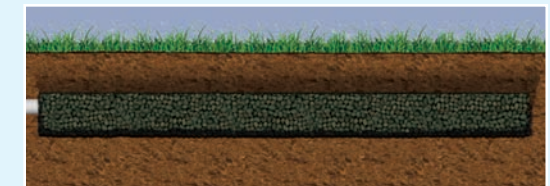
Along with the addition of oxygen, the Aquaworx Remediator comes supplied with a Bacterial Catalyst that is inserted into the center of the Aquaworx Remediator to kick-off the remediation process.

The Bacterial Catalyst is a proprietary blend of facultative aerobic bacteria that accelerate the consumption of clogging matter. The bacteria within the oxygen-rich wastewater works to consume the waste materials suspended in the tank and reduce biomat in the drainfield. Under normal conditions a homeowner will begin to see improvement in their septic system within the first two weeks. If the Aquaworx Remediator is maintained regularly, it will continue to operate as a permanent solution.

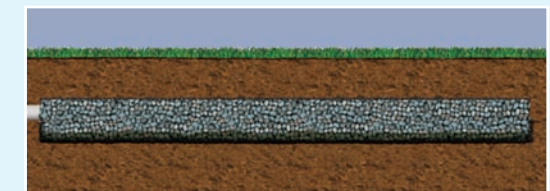
## PROGRESSION OF A REJUVENATED GRAVEL DRAINFIELD



STEP 1: Heavily Clogged Drainfield



STEP 2: Reduced Clogging



STEP 3: Normal Infiltration Restored

## A PROVEN TRACK RECORD

More than 4,000 failing septic systems have been restored to normal operation with this bioremediation technology. Although this process is a proven technology, only recently has it been adapted to address failing septic systems. The Aquaworx Remediator is a Pirana approved technology that is accepted or approved as a septic system repair by numerous regulatory agencies.

To find out how the Aquaworx Remediator can solve your septic problems, contact an Aquaworx sales associate at 1-877-278-2979.

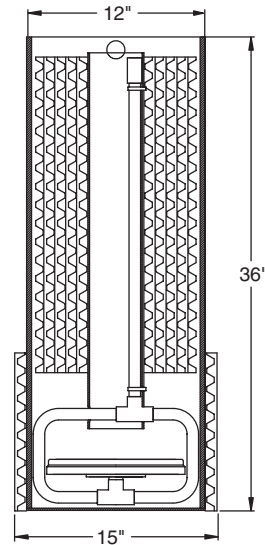


## EASY TO INSTALL



## THE AQUAWORX REMEDIATOR

- Column diameter at top: 12"
- Column diameter at base: 15"
- Total height: 36"
- Weight: 38 lbs
- Handles flow of 600 gallons per day
- Air pump weight: 13 lbs
- Air pump dimensions: 6.8"W x 8.2"L x 7.5"H
- Minimum depth of tank: 40"
- Maximum depth of tank: 84"
- Septic tank volume: minimum 500 gal, maximum 2,000 gal (compartment volume: minimum 250 gal)



## WHY CHOOSE AQUAWORX?

**Industry Leader** Aquaworx is a division of Infiltrator Systems Inc, a leader in the onsite wastewater industry.

**Quality Service** Our advanced treatment products are supported by a staff of 40+ Field Representatives and an inside Technical Resources Department.



**Design and install with confidence. We stand behind our products for a greener tomorrow.**



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