



# SludgeHammer®

residential S|46

The SludgeHammer S-46 oxidizes the soil in your residential septic system and provides additional bacteria to keep it functioning like it should.

## USAGE

The S-46 is designed for homes up to 4 bedrooms. It restores failing leach fields, bullet-proofs existing septic systems, and can provide advanced treatment where NSF/ANSI Standard #40/Class 1 is not required. The SludgeHammer S-46 is part of our residential wastewater treatment product line.

## THE SCIENCE

The SludgeHammer Blend™ revolutionizes residential septic system function. Soil absorbs waste through microbes in the ground that consume organic material. The microbes thrive in oxygen rich environments. Without oxygen, something called biomat is produced — a slime that clogs the soil. Clogged soil causes residential septic systems to fail, which means they can no longer treat the wastewater produced by your household.

## THE STATS

It is estimated that 95% of all septic system failures are caused by biomat clogging. SludgeHammer technology is rigorously tested and certified to restore leach systems clogged by organic biomat at a rate of at least 2.5 times that of aerobic treatment alone through testing under IAPMO IGC180-2003. SludgeHammer is the **ONLY** technology on the market that holds the IAPMO standard.



## THE SOLUTION

Eliminate biomat clogging and optimize septic function with the SludgeHammer S-46.

- Extend the life of new leach fields or drip irrigation systems
- Drastically reduce the need for septic tank pumping
- Decrease or eliminate destructive property repairs

Dimensions	Electrical	Tanks
Column diameter at top: 12"	Electrical Service: 120 VAC, 60 Hz. - 15 amp.	Minimum depth of tank: 40 inches
Column diameter at base: 15"	Power draw: 60 watts ~ 1.3 amps	Maximum depth of tank: 60 inches
Total height: 36"	Air delivery rate: 2.4 CFM @ 2.0 psi	Double chamber tanks: Minimum 500 gal. Maximum 1,500 gal
Total weight: 42 pounds	Liquid mixing rate: 22,600 gpd @ 4 foot depth	
	Fixed film utilization factor: 240 gal./ft <sup>2</sup> /day	
	Organic digestion rate: 1.5-3.0 lb/BOD/day	



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