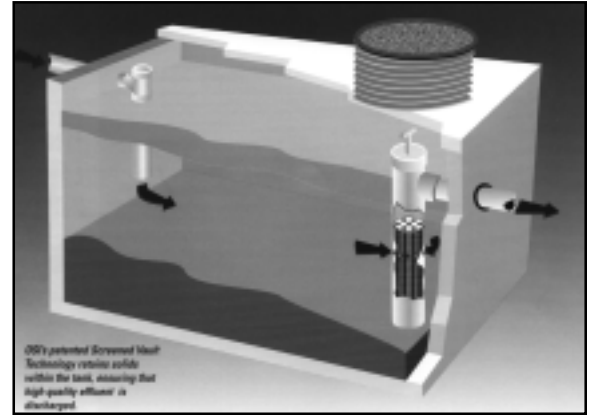


# Biotube Effluent Filters

## How It Works

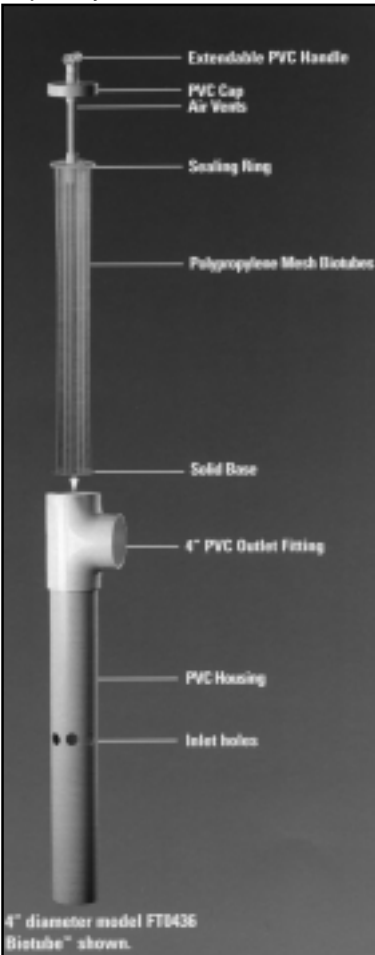
Effluent from the relatively clear zone of the septic tank, between the scum and the sludge layers, enters the Biotube® Effluent Filter through its inlet holes. Effluent then enters the space between the housing and Biotubes, utilizing the entire screen surface for filtering. Particles larger than 1/8" are detained in the interior space, where continued decomposition of

organic material occurs. Once the effluent has been filtered through the biotubes, it flows through the modulating orifices at the outlet of the filter. If inflow becomes temporarily excessive, the fluid level in the tank will rise as the modulating orifices slow the flow through the tank, allowing maximum settling of solids.



## Pure Performance

The OSI Biotube Effluent filter is the most advanced in the industry, engineered to provide maximum protection for your septic system



## Features and Benefits

- Improves effluent quality. Average Total Suspended Solids (TSS) is less than 30 PPM, nearly 2 1/2 times lower than a non screened system!
- Allows for a smaller diameter drainfield pipe. Lowers drainfield material costs.
- Superior patented design. Extends drainfield life. Reliable, corrosion-proof construction.
- Easy installation. Installs in minutes in new or existing tanks.
- Available alarm. Indicates when maintenance is needed.
- Ideal for variable-grade sewers. Allows reduction of the transport line size and associated costs.
- Custom sizes.

## Sizes and Applications

### 4" Diameter

Best for most residential applications

6" and 8" Diameter  
Ideal for larger residential applications, such as large homes or duplexes, or for small commercial flows.

12" and 15" Diameter  
For larger commercial flows. Multiple filters may be used to accommodate larger flows.

Excellent for:

- Gravity Septic Tank Filters
- Effluent Pumping Systems
- Dosing Siphon System
- Grease Trap Filters
- Industrial Process Filtering
- Groundwater Remediation



OSI Biotube Effluent Filters are available in several diameters, suitable, suitable for a variety of applications. 8" and 4" models shown

### Source

2 or 3 bdrm single family homes  
4 bdrm or larger homes

1000 gallons per day  
2000 gallons per day  
3000 gallons per day  
4000 gallons per day  
5000 gallons per day  
10,000 gallons per day or more

### Recommended Filters

FT0444-36  
FT0444-36, FT0654-36  
FT0854-36  
FT0854-36, FT1254-36  
FT1254-36, FT1554-36  
FT1254-36, FT1554-36  
FT1554-36  
FT1554-36

Multiple filters

Use multiple filters or deeper versions of standard filters to achieve desired screen area as an option at any flow. Many situations require special designs; modifications of standard filter dimensions are accommodated easily.

*Call Milan Engineered Systems for your custom filter needs!*