

BIO MICROBICS®



SaniTEE
wastewater screens

BIOSTEP
SCREENED PUMPING SYSTEMS

StormTEE
Litter Control Screens

MyTEE
Screen System

Easy, "slip-in" installation



Angled slots prevents clogs



Cleans in place with no removal



**AWARD-WINNING
INTEGRATED WATER
TECHNOLOGY**

**INFLUENT & EFFLUENT SCREENING DEVICES
RESIDENTIAL • COMMERCIAL • STORMWATER**

BETTER WATER. BETTER WORLD.®

www.biomicrobics.com



SaniTEE[®]

wastewater screens

SaniTEE[®] screen improves system performance and protects the drainfield!

Protect or enhance your system(s) performance with an easy to install, simple-to-clean screening device from BioMicrobics:

Effluent filters protect absorption areas from premature clogging and failure due to the release of non-settleable solids and/or non-degradable flushed materials from the septic tank. SaniTEE[®] effluent filters are available in 4" [10.2 cm], 8" [20.3 cm] and 16" [40.6 cm] sizes and provide consistent retention of wastewater solids.

SaniTEE[®] Specifications

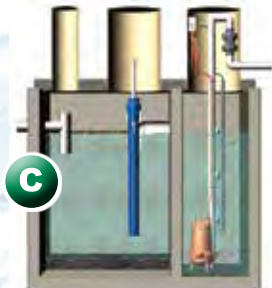
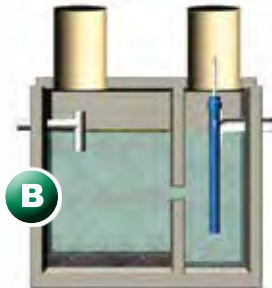
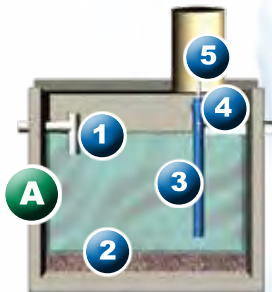
MODEL SIZES	SCREEN DIAMETER	SCREENING LEVEL	FLOW RANGE
SNT 416	4" [10.2 cm]	1/16" [0.2 cm]	Up to 1000 GPD [3785 LPD]
SNT 418	4" [10.2 cm]	1/8" [0.3 cm]	Up to 2000 GPD [7571 LPD]
SNT 818	8" [20.3 cm]	1/8" [0.3 cm]	Up to 6000 GPD [23 m ³ /d]
SNT 838	8" [20.3 cm]	3/8" [1.0 cm]	Up to 10000 GPD [38 m ³ /d]
SNT 1618	16" [40.6 cm]	1/8" [0.3 cm]	Up to 10000 GPD [38 m ³ /d]
SNT 1638	16" [40.6 cm]	3/8" [1.0 cm]	Up to 20000 GPD [75 m ³ /d]

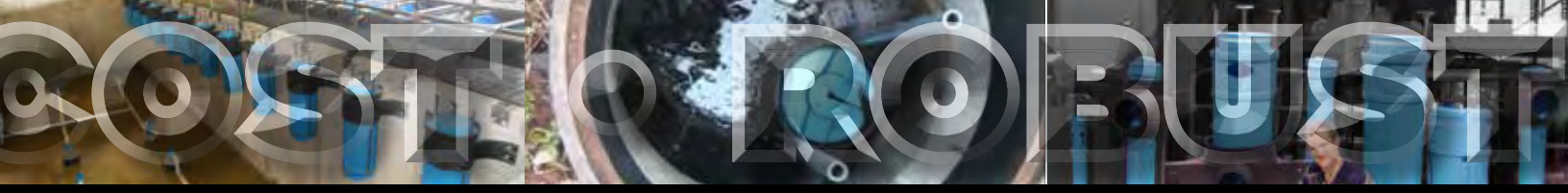
HOW IT WORKS!

When used for primary screening in residential and commercial applications, a SaniTEE[®] can provide many benefits such as prolonged drain field life and protection of downstream. These screening devices provide consistent retention of solids for a multitude of applications. Suggested uses:

- A Single-Compartment Tank with Gravity Discharge**
- B Dual-Compartment Tank with Gravity Discharge**
- C Dual-Compartment Tank with an Effluent Pump, (also see the BioSTEP[®])**

- 1** As the wastewater enters the tank, light-weight floatables rise to form a scum layer at the water surface.
- 2** As the Sediment and heavy solids settle to the bottom to form the sludge layer.
- 3** The 'clarified' water enters the screen by passing through angled slots.
- 4** Screened water is discharged for further treatment or dispersal.
- 5** TO CLEAN: any solids that become trapped in the angled slots can be easily dislodged with a simple pull of the swab handle(s). Extension rods can easily be added to handles for a custom fit.



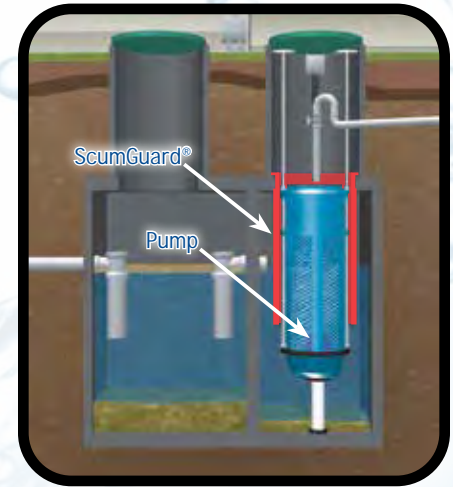


BioSTEP[®]

SCREENED PUMPING SYSTEMS

Low-Maintenance Wastewater Transfer Screen with Pump Options

The BioSTEP[®] screened pumping system uses the SaniTEE[®] screen with a robust, submersible effluent pump to screen and transfer the effluent to the desired location. The system also incorporates easy installation features for both new, existing sites, and ScumGuard[®] Protector.



Benefits of Small-Diameter Sewer

- Areas with small lot sizes, poor site conditions or other limitations can overcome these barriers while maintaining a “sewer-like” feel.
- Simple design
- Reduce excavation time, material requirements and construction costs.
- Provide innovative, sustainable solutions for new development and community redevelopment

BioSTEP[®] Specifications

MODEL SIZE	SCREEN DIAMETER	SCREENING LEVEL	PUMP OPTIONS
BST1618	16" [40.6 cm]	1/8" [0.3 cm]	The BioSTEP [®] 's package incorporates a superior 3/4" [1.9 cm] solids handling sewage pump, and floats control panel. Other pump options are available.

*Pump Selection for BioSTEP[®] System ranges from 1/3HP to 2HP.

MyTEE[®]

Screen System

Low-Maintenance Grit Screen

The MyTEE[®] screen provides effective separation of non-biological solids and grit prior to larger treatment systems. MyTEE[®] devices come standard with wall mounted top diverters, base supports, and internal cleaning swab for easy maintenance.



MyTEE[®] Specifications

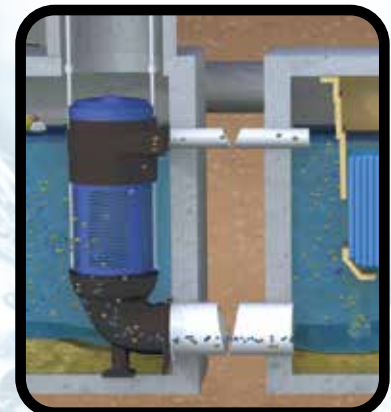
MODEL SIZE	SCREEN DIAMETER	SCREENING LEVEL	FLOW RANGE
MYT1638	16" [40.6 cm]	3/8" [1.0 cm]	10000+ GPD [38 m ³ /d]

StormTEE[®]

Litter Control Screens

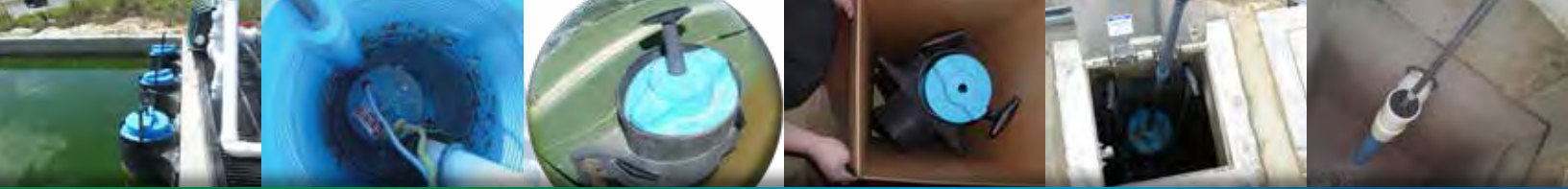
Low-Maintenance Stormwater Screen

The StormTEE[®] Litter Control Screens remove trash, litter, and debris carried by storm water runoff. StormTEE[®] is perfect for removing litter ahead of treatment detention ponds, storm sewers, and storm water works.



StormTEE[®] Specifications

MODEL SIZES	SCREEN BODY DIAMETER	SCREEN LEVEL	MAX FLOW CAPACITY Cubic Feet per Second [liters]
SMT 838	8" [20.3 cm]	3/8" [1.0 cm]	Up to 1.5 CFS [42 LPS]
SMT 1638	16" [40.6 cm]	3/8" [1.0 cm]	Up to 5.0 CFS [42 LPS]



Established in 1996 to focus on water ecology and technology innovation through three companies, BioMicrobics, SeptiTech, and Scienco/FAST are at the forefront of sustainable design and with more than 80,000 installed systems in over 80 countries. Our systems meet the highest performance standards for

treatment of water, greywater, wastewater, stormwater, and more! BioMicrobics has developed a number of innovative products dealing with the treatment of water where centralized infrastructure and drainage are not desired. Our systems are designed and engineered with sustainability and user practicality in mind.

SaniTEE

wastewater screens

An easy to install/maintain effluent filter screening device to reduce suspended solids discharged in septic tank by promoting natural sedimentation and excludes gas-lifted particles from entering the outlet pipe.



BioSTEP

SCREENED PUMPING SYSTEMS

A packaged pump system with the engineered design of our effluent filter to transfer screened liquids for various small-diameter, collection system applications.



MyTEE

Screen System

A head works screening system for non-biological solids and grit.



StormTEE

Litter Control Screens

Ideal for the removal of trash, litter, and debris from storm water flows. The patented, clean-in-place deflector screen can be used alone or in conjunction with the BioSTORM® stormwater treatment system.



Often, BioMicrobics Systems are installed in below ground, locally-sourced tanks.



"Onsite systems provide a cost-effective, long-term option for treating wastewater, particularly in sparsely populated areas. When properly installed, operated, and maintained, these systems help protect public health, preserve valuable water resources, and maintain a community's economic vitality." - U.S. EPA, SepticSmart Initiative

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