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

SanTEE® - An easy to install maintenance-free filter screen device to reduce suspended solids discharged in promoting both natural

BioSTEP® - A packaged pump system with an engineered design of our efficient filter to transfer screen liquids for various small-diameter, maintain efficiencies.

MyTEE® - A required screen device prior to the AMS Zone for a MyFAST® system, the MyTEE® screen provides separation of non-biodegradable solids and grit.

StormTEE™ - Ideal for the removal of trash, filter, 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.

Awards, Technology Approvals, and Certifications:

...and MORE!

Influent & Effluent Screening Devices
Recycling Category. Environmental Influent & Effluent Screening Devices

Mighty Mike

Use Mighty Mike to effectively clean without damage or leaving residues!

BioSTEP

A packaged pump system that will revolutionize the way we think about sedimentation and excludes gas-lifted flows. The patented, clean-in-place technology is a subsidiary of Bio-Microbics, Inc.

SaniTEE®

Bio-Microbics: an easy to install, simple-to-operate, protect or enhance your sedimentation system and excludes gas-lifted flows. The patented, clean-in-place technology is a subsidiary of Bio-Microbics, Inc.

StormTARP®

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

Awards, Technology Approvals, and Certifications

With over 60,000 installations in more than 70 countries, our Fixed Integrated Treatment Technologies (FITT) systems are designed for demanding applications and standards. Bio-Microbics is recognized by federal, state, municipal, and international agencies and societies for the design, manufacture, testing, and field operation of its environmental protection technologies and systems. Our FITT systems consistently meet or exceed all national and international standards for environmental protection and sustainability.

• 2017 LUPS: “Process to Innovation,” SPEEDY Software Innovation Forum
• 2017 LUPS Award: “Leadership” – StormTECH®
• 2017 LUPS Award: “Best New Product” for BioSTORM® StormTARP®-N, 2017 LUPS Award: “Technology of the Year” for BioSTORM® StormTARP®-N
• 2016 President’s “V” Award for Excellence in Manufacturing and Growth - National Association of Manufacturers (NAM)
• 2016 Recycled Awards Winner: Waste to Energy Category – National Awards Coalition - Best In Class
• 2016 New Product of the Year Award – Recycling Category Environmental Protection, Plastic and Polymers Division – National Recyclers Council
• 2016 Remu Engineer Magazine’s “Best New Product” for BioSTORM® StormTARP®-N
• 2016 North American Technology Innovation Award (EcoVision – Front - Midwest)
• 2015 Environmental Business Journal (EBJ) – BioBarrier
• 2014 “BEST of GreenBuild” Editor’s Choice Award
• 2013 Silver Technology Merit Business Achievement Award
• 2013 Technology Innovation Award
• 2013 Innovation in Marine Environmental Technology Offshore Excellence Award
• 2013 Infratech Best of show – Water/ Wastewater Engineering
• 2012 President’s “E” Award
• 2011 Technology Innovation Award
• 2011 Kansas Governor’s Exporter of the Year
• 2010 North American Technology Innovation Award – Frost & Sullivan

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Mighty Mike

Use Mighty Mike® environmentally-friendly Tablets & Cleaners to effectively clean without damage to effectively clean without damage or leaving residues!

Mighty Tough on Cleaning!

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Effluent filters protect absorption areas from premature clogging and failure due to the release of non-setttable solids and or non-degradable flushed materials from the septic tank. SanITEE® effluent filters are available in 4", 8" and 16" sizes and provide consistent retention of wastewater even pump to screen options.

Installed directly in the outlet tee of the tank, SanITEE® effluent filter’s patented keyhole weirs provide consistency of flow despite surges. The angled slots resist blinding and prevent clogs inside the filter housing better than bar and mesh-type screens to extend the life of your system(s), reduce clogging material, and improve flow conditions. Easy, “clip-in” Installation and come standard with swabbing feature for Clean-in-Place (CIP) maintenance make the easiest screening device to maintain on the market! Angled Slots prevents clogs inside the filter housing better than mesh-type screens. Patented Keyhole Weirs (on the SanITEE®) provides consistency of flow despite surges.

MyTEE® Speciﬁcations

<table>
<thead>
<tr>
<th>Model Sizes</th>
<th>Screen Diameter</th>
<th>Screen Height</th>
<th>Flow Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>SNT145</td>
<td>4&quot; (10 cm)</td>
<td>1/16 (0.15 cm)</td>
<td>Up to 1000 GPD (3785 LPD)</td>
</tr>
<tr>
<td>SNT185</td>
<td>6&quot; (15 cm)</td>
<td>1/16 (0.15 cm)</td>
<td>Up to 2000 GPD (7575 LPD)</td>
</tr>
<tr>
<td>SNT235</td>
<td>8&quot; (20 cm)</td>
<td>1/16 (0.15 cm)</td>
<td>Up to 4000 GPD (15100 LPD)</td>
</tr>
<tr>
<td>SNT285</td>
<td>10&quot; (25 cm)</td>
<td>1/16 (0.15 cm)</td>
<td>Up to 6000 GPD (23 m3/D)</td>
</tr>
<tr>
<td>SNT363</td>
<td>12&quot; (30 cm)</td>
<td>1/16 (0.15 cm)</td>
<td>Up to 10000 GPD (38 m3/D)</td>
</tr>
</tbody>
</table>

When used for primary screening in residential and commercial applications, a SanITEE® can provide many beneﬁts i.e. prolonged drain field life and ease of maintenance. Available in 4", 8" and 16" diameters, these screening devices provide consistent retention of solids for a multitude of applications. Suggested installations:

- Single-Compartment Tank with Gravity Discharge
- Dual-Compartment Tank with Gravity Discharge
- Dual-Compartment Tank with an Efﬂuent Pump, also see the BioSTEP® system.

BioSTEP® Speciﬁcations

<table>
<thead>
<tr>
<th>Model Size</th>
<th>Screen Diameter</th>
<th>Flow Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>BST116</td>
<td>16&quot; (40 cm)</td>
<td>Up to 6000 GPD (23 m3/D)</td>
</tr>
<tr>
<td>BST163</td>
<td>16&quot; (40 cm)</td>
<td>Up to 5 CFS (42 LPS)</td>
</tr>
<tr>
<td>BST253</td>
<td>25&quot; (60 cm)</td>
<td>Up to 5 CFS (42 LPS)</td>
</tr>
</tbody>
</table>

Use the MyTEE® Screen System for any pre-screening and grit removal large-scale wastewater application.
Effluent filters protect absorption areas from premature clogging and failure due to the release of non-settled solids and/or non-degradable flushed materials from the septic tank. SanITEE® effluent filters are available in 4", 8" and 16" sizes and provide consistent retention of wastewater effluent.

Installed directly in the outlet tee of the tank, SanITEE® effluent filter's patented keyhole weir design will provide consistent of flow despite surges. The angled slots resist blinding and prevent clogs inside the filter housing better than bar and mesh-type screens to extend the life of your system(s), reduce clogging material, and improve flow conditions through the loading tank.


When used for primary screening in residential and commercial applications, a SanITEE® can provide many benefits (i.e. prolonged drain field life and ease of maintenance). Available in 4", 8" and 16" diameters, these screening devices provide consistent retention of solids for a multitude of applications. Suggested installations:

- Single-Compartment Tank with Gravity Discharge
- Dual-Compartment Tank with Gravity Discharge
- Dual-Compartment Tank with an Efficient Pump, also see the BioSTEP® system.

### SanITEE® Specifications

<table>
<thead>
<tr>
<th>Model Size</th>
<th>Screen Diameter</th>
<th>Screening Level</th>
<th>Flow Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>SNT418</td>
<td>4&quot; (10 cm)</td>
<td>1/16&quot; (.15 cm)</td>
<td>Up to 1000 GPD (3785 LPD)</td>
</tr>
<tr>
<td>SNT818</td>
<td>8&quot; (20 cm)</td>
<td>1/16&quot; (.15 cm)</td>
<td>Up to 2000 GPD (7571 LPD)</td>
</tr>
<tr>
<td>SNT1638</td>
<td>16&quot; (40 cm)</td>
<td>1/32&quot; (.2 cm)</td>
<td>Up to 6000 GPD (23 m³/D)</td>
</tr>
</tbody>
</table>

Use MySanITEE® Screen System for any pre-screening and grit removal large-flow wastewater application.

### MySanITEE® Specifications

<table>
<thead>
<tr>
<th>Model Size</th>
<th>Screen Diameter</th>
<th>Flow Range</th>
<th>Max Flow Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTY1238</td>
<td>16&quot; (40 cm)</td>
<td>na (500GPD)</td>
<td>na (300GPD)</td>
</tr>
</tbody>
</table>

When used for primary screening in residential and commercial applications, a SanITEE® can provide many benefits (i.e. prolonged drain field life and ease of maintenance). Available in 4", 8" and 16" diameters, these screening devices provide consistent retention of solids for a multitude of applications. Suggested installations:

- Single-Compartment Tank with Gravity Discharge
- Dual-Compartment Tank with Gravity Discharge
- Dual-Compartment Tank with an Efficient Pump, also see the BioSTEP® system.

### BioSTEP® Specifications

<table>
<thead>
<tr>
<th>Model Size</th>
<th>Screen Diameter</th>
<th>Flow Range</th>
<th>Max Flow Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>BST116</td>
<td>16&quot; (40 cm)</td>
<td>Up to 1.5 CFS (42 LPS)</td>
<td>Up to 1.5 CFS (42 LPS)</td>
</tr>
</tbody>
</table>

The BioSTEP® screened pumping system uses the patented SanITEE® screen with a robust, submerged effluent pump to screen and transfer the effluent to the desired location. The system also incorporates easy installation features for both new and existing sites.

### Benefits of SanITEE® Screen Systems

- Reduce excavation time, material requirements and construction costs
- Provide innovative, sustainable solutions for new development and existing communities
- Minimize site requirements, poor soil conditions or other limitations can be overcome while maintaining a “sewer-like” feel.
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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. SaniTE® effluent filters are available in 4", 8" and 16" sizes and provide consistent retention of wastewater solids.

Installed directly in the outlet tee of the tank, SaniTE® effluent filter’s patented keyhole weirs provide consistency of flow despite surges. The angled slots resist blinding and prevent clogs inside the filter housing better than bar- and mesh-type screens to extend the life of your system(s), reduce clogging material, and improve flow conditions.

Keyhole Weirs

The ‘clari’ filters improve performance and protect the system!

How the Screening Devices Work

As the wastewater enters the tank, light-weight floatables rise to form a scum layer at the water surface;

Sediment and heavy solids settle to the bottom to form the sludge layer;

The ‘clari’ filtered water enters the screen by passing through angled slots;

Screened water is discharged for further treatment or dispersal.

How the Screening Devices Work

The MyTEE® screen provides an effective separation of non-biological solids and grit prior to the AMS Zone in the MyFAST® System. MyTEE devices come standard with wall mounted top diveters, base supports, and internal/external cleaning swabs for easy maintenance.

When used for primary screening in residential and commercial applications, a SaniTE® can provide many benefits i.e. prolonged drain field life and ease of maintenance. Available in 4", 8" and 16" diameters, these screening devices provide consistent retention of solids for a multitude of applications. Suggested installations:

- Single-Compartment Tank with Gravity Discharge
- Dual-Compartment Tank with Gravity Discharge
- Dual-Compartment Tank with an Efficient Pump, also see the BioSTEP® system.


BioSTEP® Specifications

<table>
<thead>
<tr>
<th>Model Size</th>
<th>Screen Diameter</th>
<th>SNT1618</th>
<th>SNT1638</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>16&quot; (40 cm)</td>
<td>16&quot; (40 cm)</td>
<td>16&quot; (40 cm)</td>
</tr>
<tr>
<td>Flow Range</td>
<td>Up to 1000 GPD</td>
<td>Up to 3000 GPD</td>
<td>Up to 1000 GPD</td>
</tr>
</tbody>
</table>

BioSTEP® Specifications

<table>
<thead>
<tr>
<th>Model Size</th>
<th>Screen Diameter</th>
<th>BST1615</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>16&quot; (40 cm)</td>
<td></td>
</tr>
<tr>
<td>Flow Range</td>
<td>Up to 10000 GPD</td>
<td></td>
</tr>
</tbody>
</table>

BioSTEP® Specifications

- Reduce excavation, material requirements and construction cost
- Provide innovative, sustainable solutions for new development and existing communities
- Make site space savings, pond-pee conditions or other limitations can be achieved with the BioSTEP® systems

BioSTEP®’s standard design package incorporates a superior ½” solids handling sewage pump and a comprehensive control system. Other pump options are available.

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