



Mountain Tree Filter Media, Create Natural & Ecological Beauty

# Advantages of Our Products

——Why cooperate with us?

GUANGZHOU LIJING CO., LTD

Aug 20, 2016



- Bacteria House Series Comparison
  - Filter Mat Comparison
  - Skimmer Comparison

■ Convenient ■ Effective ■ Worry-free



# Bacteria House Series

Lotus Root Bacteria House

Size: L- dia 80x250mm, 15pcs/ctn

S- dia 45x165mm, 24pcs/box, 8boxes/ctn



■ Convenient ■ Effective ■ Worry-free



# Bacteria House Series

Screw Bacteria House

Size: dia 45x165mm, 60pcs/box

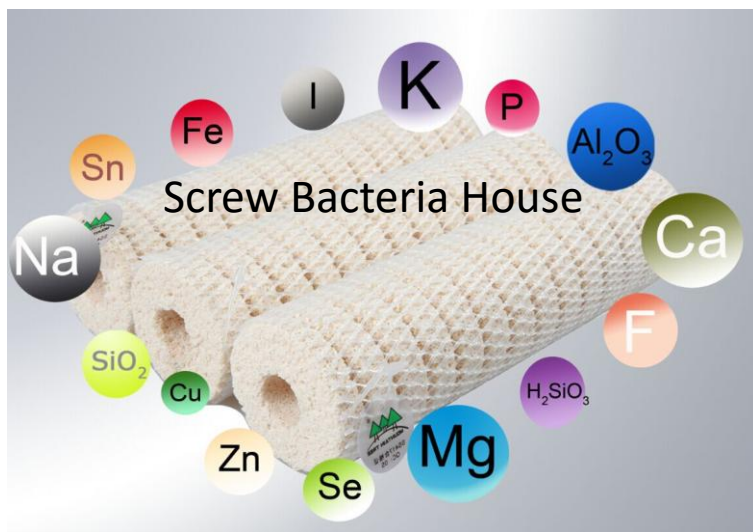




■ Convenient ■ Effective ■ Worry-free

# Bateria House -Material Comparison

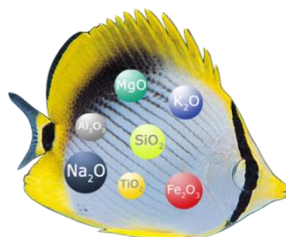
- Contain various of minerals which are vital for fish digestive system, color, bones, blood...



VS



Made of non-environmental material and colorings

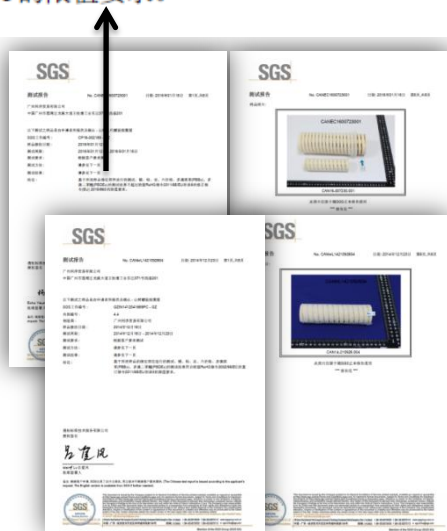


■ Convenient ■ Effective ■ Worry-free

# Bateria House –Standard Comparison

- Reaching RoHS standard, tested by SGS, they will not release harmful material in water.
- So you can resell and use them worry free.

基于所送样品指定部件进行的测试，镉、铅、汞、六价铬、多溴联苯(PBBs)、多溴二苯醚(PBDEs)的测试结果不超过欧盟RoHS指令2011/65/EU附录II的修正指令(EU) 2015/863的限值要求。



ordinary products



No test certificate or production standard



# Bateria House – Weight Comparison

- Thanks to porous and screw structure, our screw bacteria house is only 135-120g normally.
- It's **40g lighter** than ordinary items. More space for bacteria development will upgrade our filter effect.



Average 135-120grams



About 170grams



- Convenient ■ Effective ■ Worry-free



# Bateria House – Structure Comparison



VS



Mountain Tree Lotus Root Bacteria House  
Lotus root and screw structure  
-- greatly increase specific space

Other brand bacteria house  
Smooth appearance with one hole





■ Convenient ■ Effective ■ Worry-free



# Bateria House – Structure Comparison

- Fine pores can keep more air internally and culture bacteria more quickly



Normal air permeability

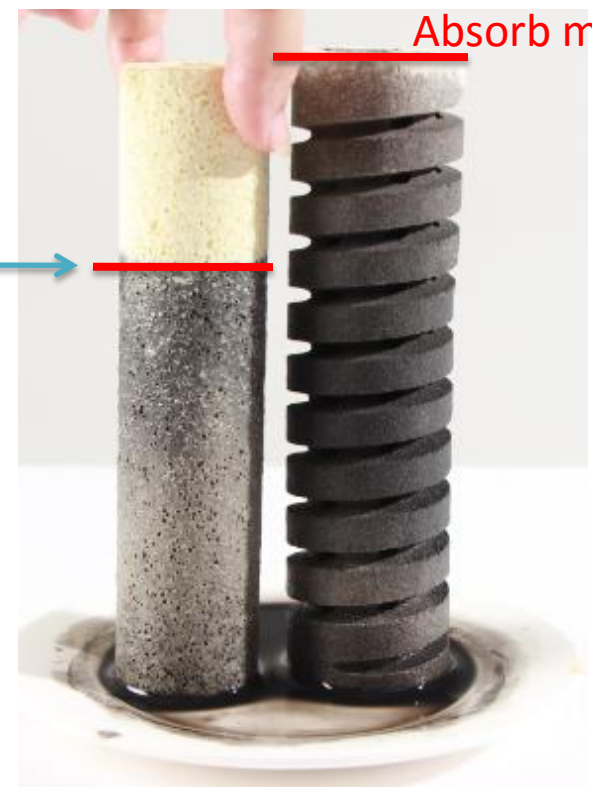
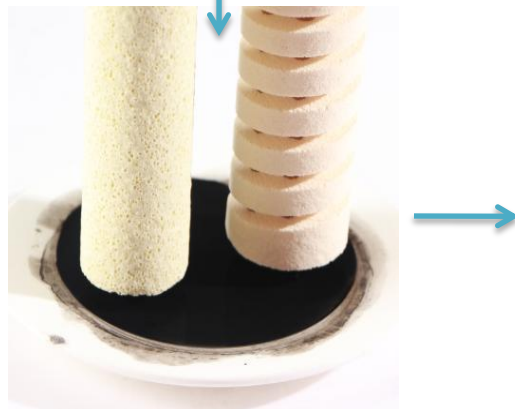
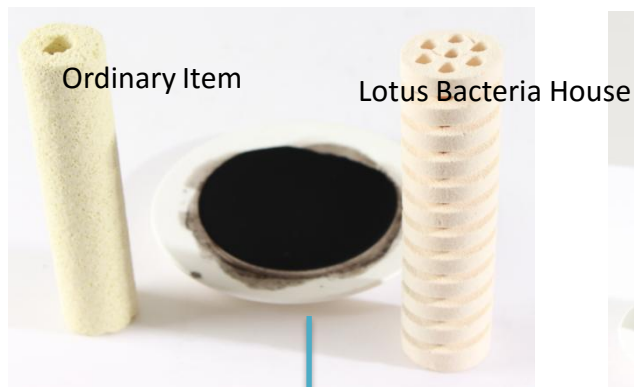


- Convenient ■ Effective ■ Worry-free



# Bateria House – Absorption

- Quicker water absorption
- Darker means it absorbs more water and structure provides with more holes for bacteria culture.



- Convenient ■ Effective ■ Worry-free



# Bateria House – Absorbtion

- Quicker water absorption, it will increase up to 80% of original weight.



Lotus Bateria House





- Convenient ■ Effective ■ Worry-free



# Bateria House – Surface Comparison



VS



## Mountain Tree Lotus Root Bateria House

Pores opened, The pore structure is perfect for being settled by bacteria. This structure allows the formation of very effective biofilms that grow into the pores and coat their walls.

## Other brand bacteria house

Blocked pores are easy clog, which is not enough space for bacteria culturing.





- Convenient
- Effective
- Worry-free

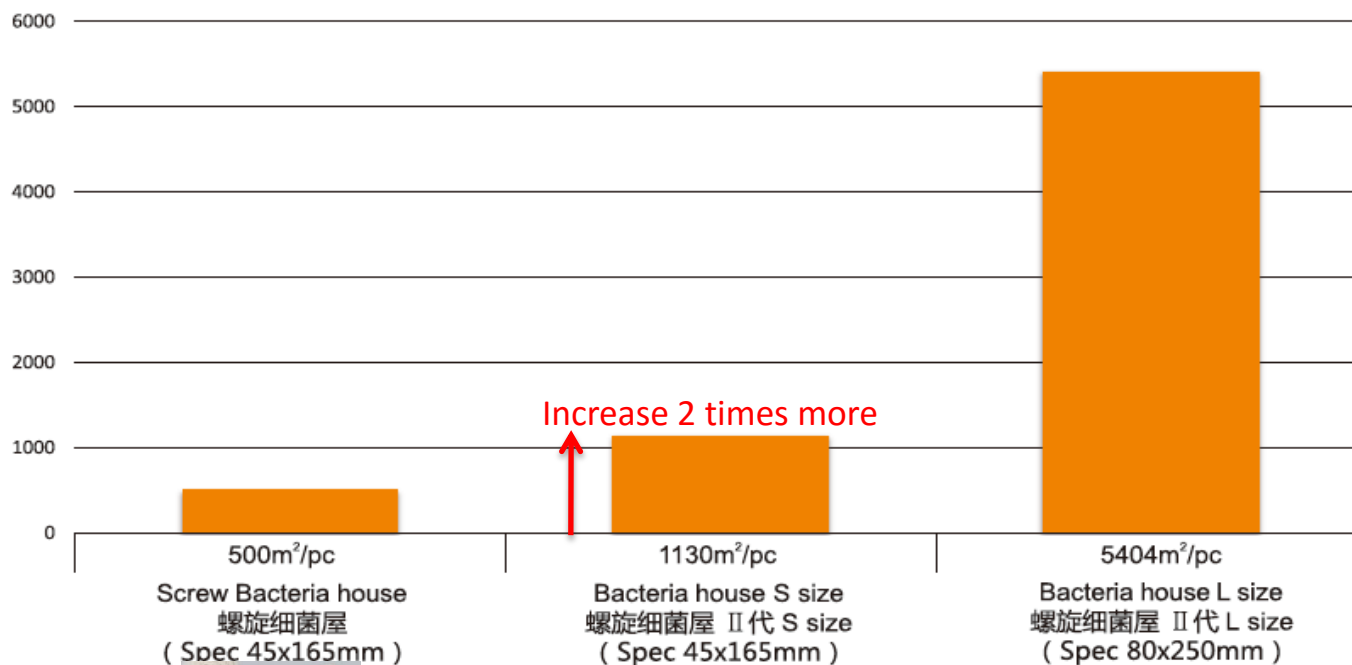
# Bateria House – Surface Comparison

3 kinds of our items area comparison

The culture area of Ceramic filter material (Table 1)

陶瓷产品附菌面积 (附表1)

■ 附菌面积 Culture area(m<sup>2</sup>/pc)



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# Bateria House – Far Infrared

- Higher number means higher releasing rate of **red far infrared**.
- Greatly improve fish health and color

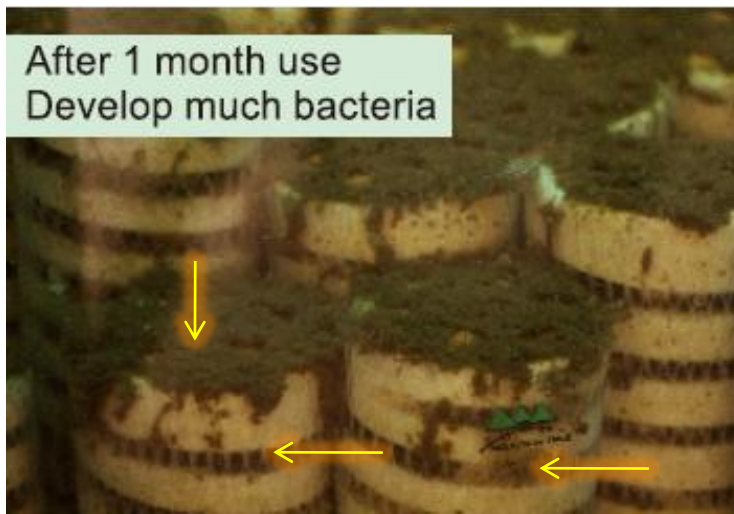


- Convenient ■ Effective ■ Worry-free



# Bateria House – Filter Effect

- To sum up, Mountain Tree bacteria house can develop more bacteria and has **higher filter efficiency**



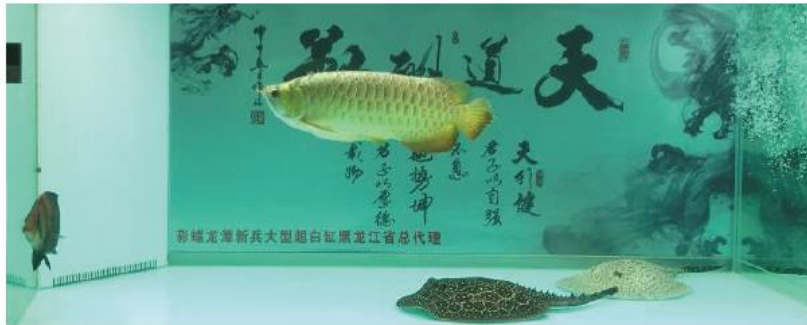
VS





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# Bateria House – Filter Effect





■ Convenient ■ Effective ■ Worry-free



# Mountain Tree Filter Mat

- Food grade PP material
- SGS test approved



■ Convenient ■ Effective ■ Worry-free



# Mountain Tree Screw Mat

## Mountain Tree Screw Mat

### Size & Packing

- 200x100x4cm, 5pcs/bag
- 100x100x4cm, 10pcs/bag
- 50x50x4cm, 20pcs/bag
- 30x30x4cm, 40pcs/bag





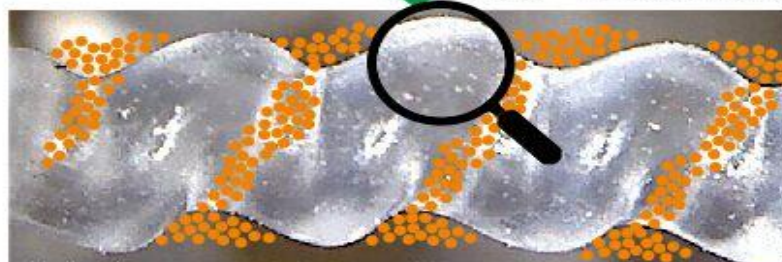
■ Convenient ■ Effective ■ Worry-free

# Screw Filter Mat – Surface Comparison

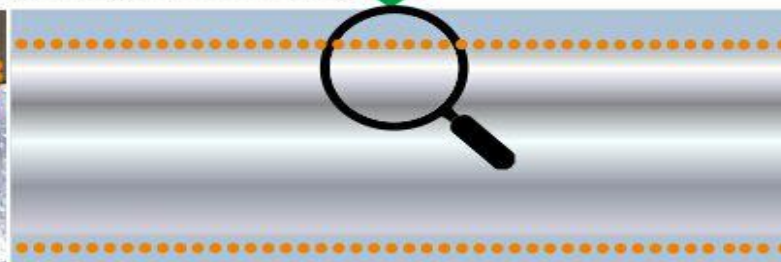
- Thanks to screw wires, there are 3 times more specific surface
- Upgrade bio filter effect (More space for bacteria development)



( 裁切一节，观察结构及外观 Enlarged to see details )



**螺旋生化填料：**  
**结构：**螺旋形凹槽结构，增加其比表面积，增大微生物附着空间。  
**外观：**表面粗糙，利于挂膜，微生物容易附着着床。  
**Screw filter:**  
**Structure:** spiral groove structure can enlarge its surface space and easy to culture nitrobacteria  
**Surface:** rough surface strengthen the ability of adsorption and culturing bacteria.

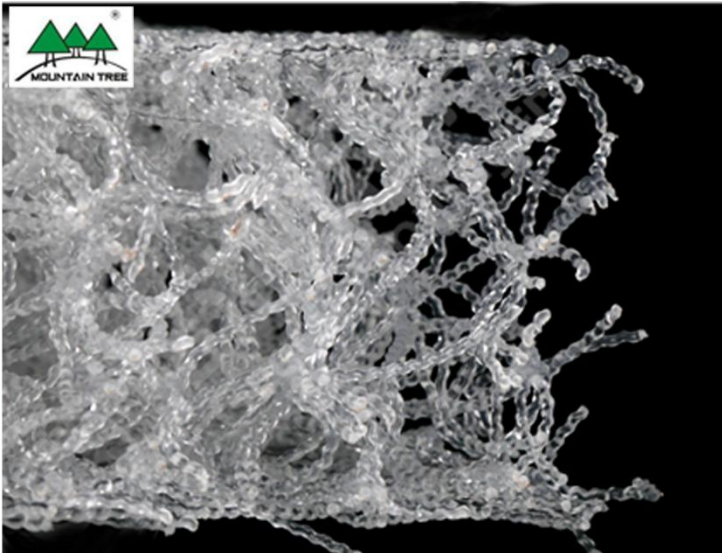


**普通塑丝：**  
**直线结构，**比表面积没有改变，微生物附着面积有限；  
**表面光滑，**微生物附着不稳，不利于挂膜。  
**Ordinary wires:**  
**Straight and flat surface** with less area to culture limited bacteria.  
**Smooth surface** not good at adsorption bacteria.



# Material & Workmanship compariasion

- Form structure by heat, not glue
- More durable, Not contain or release harmful substance



Mountain Tree Screw Filter Mat

○ Material: **Vergin PP material**

Form structure by **HEAT**. It will not deform after use.  
Regular shape and easy for diverting water. There are more specific surface for culturing bacteria.  
Excellent biochemical filtration.



Ordinary filter mat

○ Material: **PET or PVC**

Form structure by **GLUE**. It will release harmful substance to water and fish. It will deform after long time use.



- Convenient ■ Effective ■ Worry-free



# Life span compariasion

- Can be used for at least **5 years**. **2-3** times longer than ordinary
- Saving up to **60%** cost by using our mat



## Mountain Tree Screw Filter Mat

- Made from new material and no glue during mass production it can be used at least 5 years It means saved you a 4-year cost of replacing the mat.
- The longer lifespan, the more cost of replacing the mat you will save.

## Ordinary filter mat

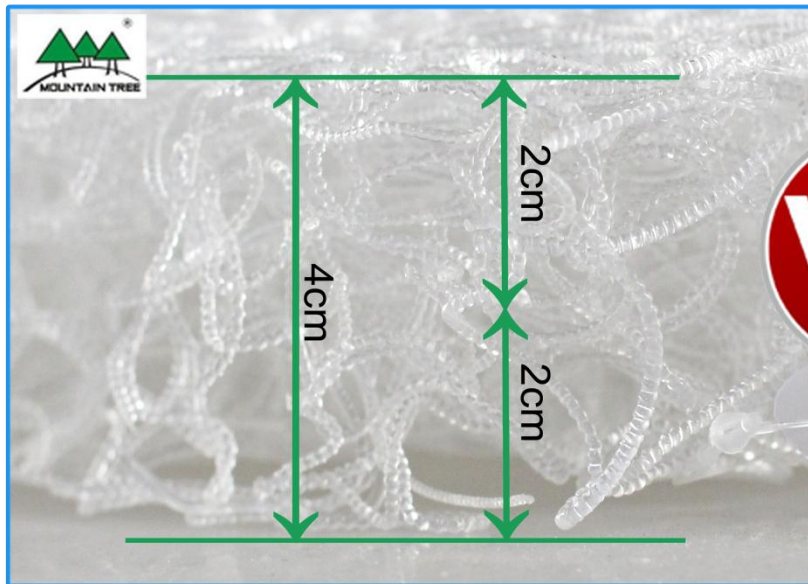
- Filter mats made of recycle material such as PE or PVC and use glue in production, which means a big threat to harmful substance. Therefore it has short lifespan and needs to be change frequently.

■ Convenient ■ Effective ■ Worry-free



# Thickness Comparasion

- In a moderate **4 cm** thickness
- Bacteria- more active and higher efficiency



VS



## Mountain Tree Screw Filter Mat

○Research finds that in a moderate 4cm width space allows sufficient flow of water through the filter without clogging. It gets more oxygen and bacteria will be more active, thus to improve biochemical filtration.

## Ordinary filter mat

○Clog easily with substance due to a high density. Thus it is not sufficient area for bacteria culturing. Bacteria become less active if oxygen is insufficient.





■ Convenient ■ Effective ■ Worry-free



# Water Permeability comparison



VS



## Mountain Tree Screw Filter Mat

- Excellent water permeability,
- Great drug and light resistance.

## Ordinary filter mat

- Too much filament so it's not easy to divert water. Thus easy clogging with particles.

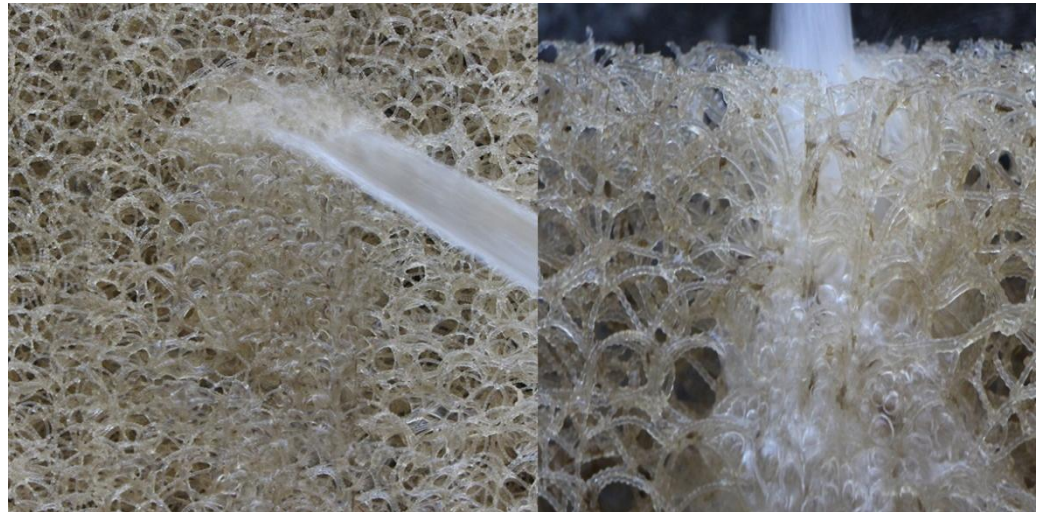


■ Convenient ■ Effective ■ Worry-free



# Easy Maintenance

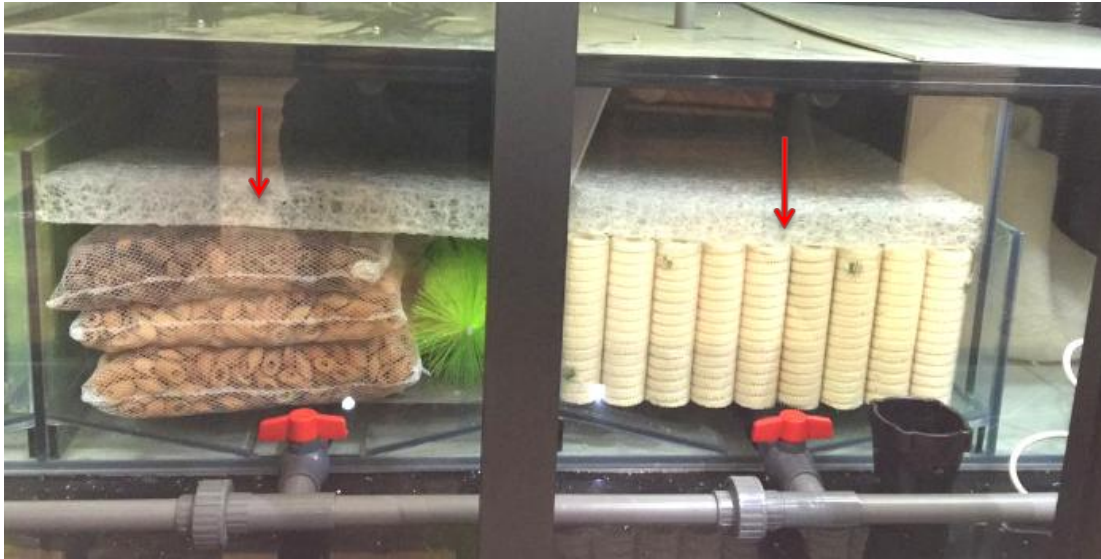
- **Rigid shape**-just rinse with water regularly
- Easily taken out and will never get loose after long time use





■ Convenient ■ Effective ■ Worry-free

# For Aquarium



■ Convenient ■ Effective ■ Worry-free

# For Pond



■ Convenient ■ Effective ■ Worry-free



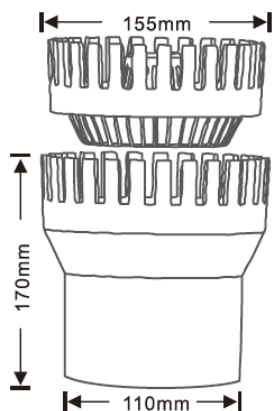
# Mountain Tree Skimmer



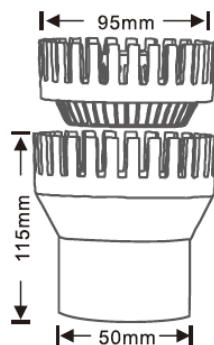


■ Convenient ■ Effective ■ Worry-free

# Mountain Tree Skimmer



✓ **MT602**



✓ **MT601**

## Specification

Item No.	<b>MT601</b>	<b>MT602</b>
Article	Mountain Tree Skimmer	Mountain Tree Skimmer
Spec	Φ50mm	Φ110mm
Material	ABS	ABS
Size	95x115mm	155x170mm
Package	1pc/box 24boxes/ctn	1pc/box 12boxes/ctn
Page Size	100x100x125mm	160x160x175mm
Usage	50mm diameter pipe in pond/aquarium	75/110mm diameter pipe in pond



■ Convenient ■ Effective ■ Worry-free



# Mountain Tree Skimmer



It's so trouble to move the pipe during feeding because fish food always flows away.



I feel helpless when I only let water continue to draw away even at a low water level.



It's not so convenient to collect leaves frequently. Otherwise, my pipe will be blocked again.



Our pond uses Mountain Tree Skimmer which is really helpful for fish cultivation



■ Convenient ■ Effective ■ Worry-free



# How to Use Mountain Tree Skimmer

Vertical Installation: Intercept feed



Tilted Installation: Collect leaves and reduce the burden of filter system.





■ Convenient ■ Effective ■ Worry-free

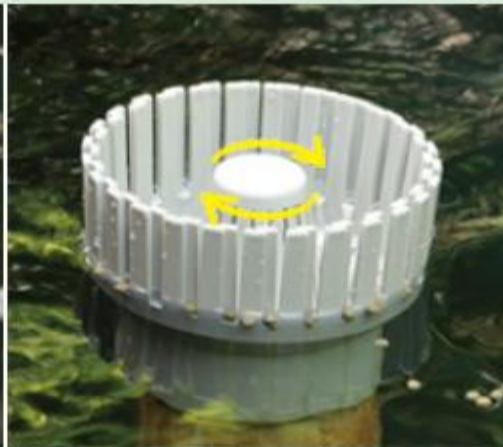


# How to Use Mountain Tree Skimmer

Revolve the axis: Control water flow freely



Revolve the axis to coincide the gear:  
Bigger water flow



Revolve the axis to intersect the gear:  
Medium water flow and  
block off small food.



Revolve the axis to  
the gear: reduce water  
flow, low water level.



- Convenient ■ Effective ■ Worry-free



# Skimmer Comparison

Block fish food



VS



Collect leaves and fish food



VS



- Convenient ■ Effective ■ Worry-free

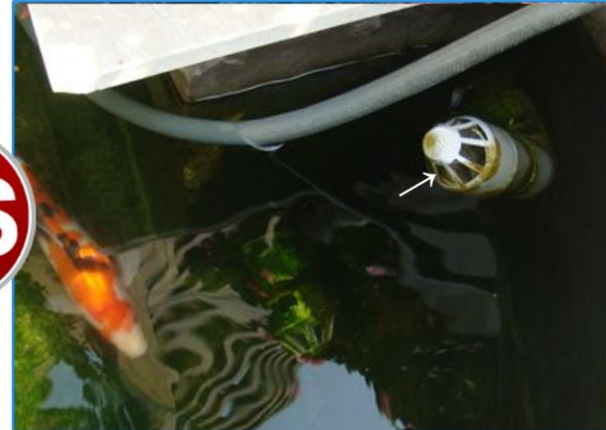


# Skimmer Comparison

Control water flow just need to revolve the axis



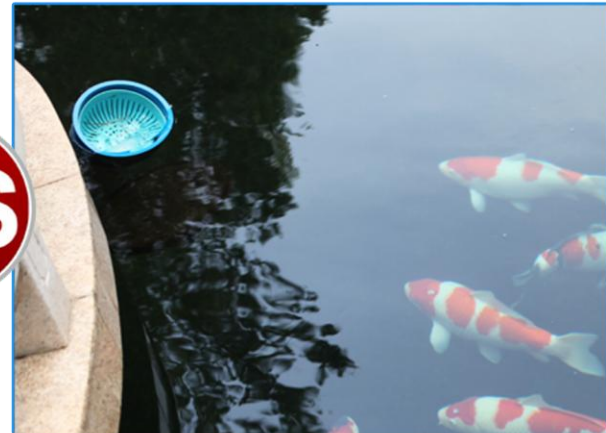
VS



Keep you stay away from cleaning worry and control water flow



VS



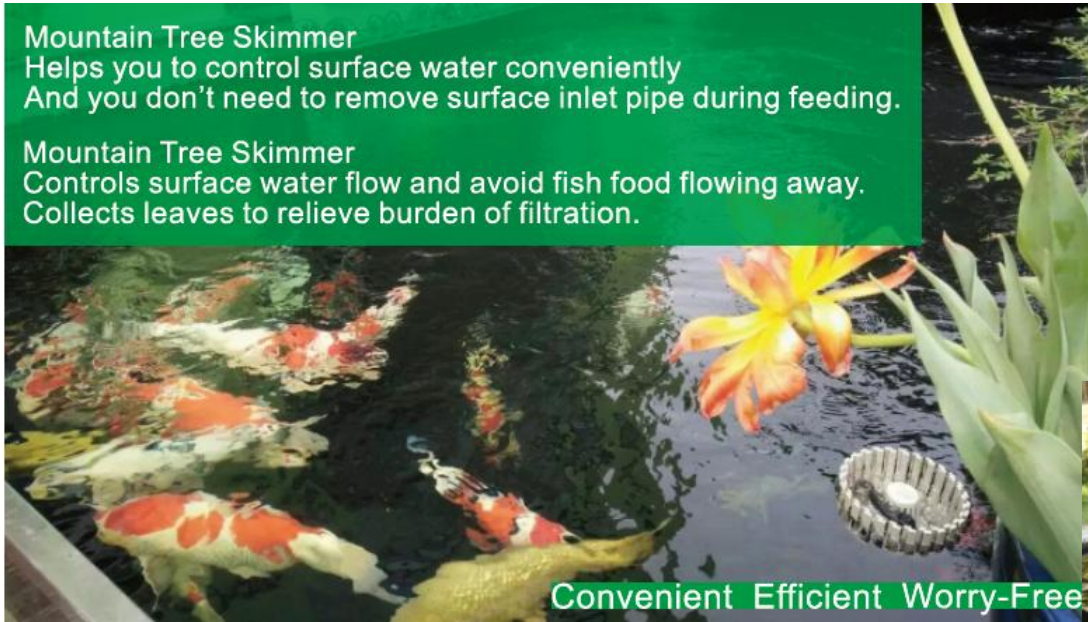


■ Convenient ■ Effective ■ Worry-free

# Skimmer Effect

Mountain Tree Skimmer  
Helps you to control surface water conveniently  
And you don't need to remove surface inlet pipe during feeding.

Mountain Tree Skimmer  
Controls surface water flow and avoid fish food flowing away.  
Collects leaves to relieve burden of filtration.



■ Convenient ■ Effective ■ Worry-free





- Welcome to contact us if you have any query.
- Hope you would join us and develop together!





Mountain Tree Filter Media, Create Natural & Ecological Beauty



 @MountainTree\_10  
 sales02@gzshanshu.com  
fifipan08@vip.126.com  
[www.gzshanshu.com](http://www.gzshanshu.com)