



Aquarium

# MOUNTAIN TREE PRODUCT CATALOGUE

Water, Your Life, Your Soul, Our Mission!

Guangzhou Lijing Co., Ltd





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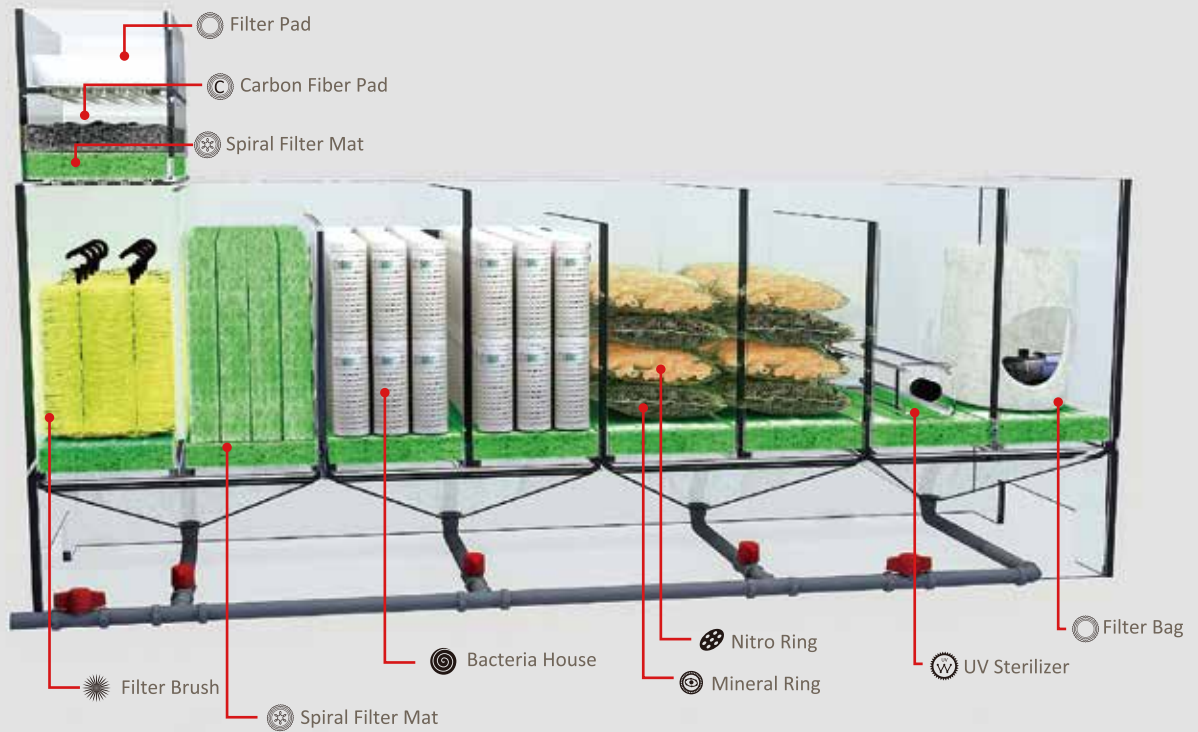


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## Mountain Tree Ecology System for Aquarium



# Lotus Root Bacteria House III Marine Water

MTFH207

MTFH205



Mountain Tree Marine  
ceramic products typically  
serve as functional filter media.

Scan for more details



PH:8.0~8.4



## Lotus Root Bacteria House III Marine Water

- Features porous and rough rocky surface, aid water flow-through;
- Low silicate formula prevents algae booming, starts an aquarium quickly.
- Releases far infrared rays and negative ions which kill pathogenic bacteria and improves microbes' metabolism.
- Rich in trace elements such as Na Mg, Ca, Sr, etc. boost growth of coral;
- Contain Mg & Ca ions which keeps pH stable.
- Contains  $\text{Al}_2\text{O}_3$  up to apx. 48% which regulates pH in two ways.



Special lotus root and nano pores structure  
Ultimate environment for nitro bacteria to grow



Negative Ion: 1,300pcs/cm<sup>3</sup> to  
upgrade water and microbes active



Lotus Root and Spiral Structure to  
increase 20% surface area



1300pcs/cm<sup>3</sup>



6618m<sup>2</sup>/L  
2,017,431.04 sq ft/cu ft (MTFH205)



Comply with EU RoHS test;



Offer large surface area for beneficial  
bacteria cultivation;

Coral Reefs

Marine water  
aquarium

# Lotus Root Nitro Ring II Marine Water

MTFH202

MTFH203

MTFH204



## Builds a Complete & Healthy Micro System

Maximizes Filter Space



Scan for more details



PH:8.0~8.4



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## Lotus Root Nitro Ring II Marine Water

- Lotus Root and Oblique Structure  
Helps water to carry nitrite and nitrate into the nitro ring for efficient denitrification reaction, and provide anaerobic bacteria space to culture in the micropores within the nitro ring.
- Micro hole  
Sintered by extreme high temperature with hole blust throughly, featured fine pores which support cultivation of nitrifying bacteria. The internal micropores are decomposing  $\text{NO}_3$  into nitrogen and oxygen through denitrification



Rough surface Texture can help nitrifying bacteria attach and grow, thus greatly accelerating the establishment of nitrification system



Oblique section



Negative Ion 800~1300pcs/cm<sup>3</sup> to benefit Strengthen Fish Immune System



Comply with EU RoHS test;



5580m<sup>2</sup>/L 1,701,007.13 sq ft/cu ft



60-75% Water Absorption

Coral Reefs

Marine water  
aquarium

# Lotus Root Spiral Bacteria House II(S)

MTF207



Activate water molecule and microbes

Scan for more details



PH:6.8~7.2



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## Lotus Root Spiral Bacteria House II

- 4303m<sup>2</sup>/L 1,311,726.47 sq ft/cu ft  
Patented spiral structure adds up to 3 times filtration space.
- Media emits FIR as well anion values average up to 400pcs/cm<sup>3</sup>, which makes water alive and benefits fish immune systems and colorings.



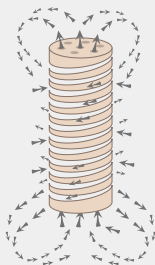
Releases rich mineral elements to promote water ecological balance.



Spiral and lotus root structure adds 3 times more filtration space



Negative Ion: 400+ to enhance the growth of fish



Compliant with EU RoHS test

Functions:

Special lotus root and nano pores provide ultimate environment for nitrobacteria to grow, thus enhance their performance in dealing with harmful nitrate and nitrite .

Bacteria  
cultivation

Bio-filtration

# Lotus Root Bacteria House III Fresh Water

MTF217

MTF219



Keeps Water And Microbes Active

Scan for more details





PH:7.0~7.2



## Lotus Root Bacteria House III Fresh Water

- NEW Indented Lotus Root Design  
Increases the hydrophobic area between the media and forms a turbulent flow, which provides more appropriate surface area. Avoids the occurrence of blocking due to excessive concentrations of microorganisms and sediment buildup in the biological chambers.
- 20% More Surface Area: 5292m<sup>2</sup>/L  
1,613,213.22 sq ft/cu ft (MTF219)
- Three Times More Far Infrared Ray:  
1200pcs/cm<sup>3</sup>
- Mesh Protector
- Rich Mineral Elements: K, Mg, Fe, Zn, Na, Ca,  
various minerals improve the growth rates of fish bones while balancing the blood conditions.

Bacteria  
cultivation

Bio-filtration



63-80% water absorption certifies porous structure can maximize filter efficiency.



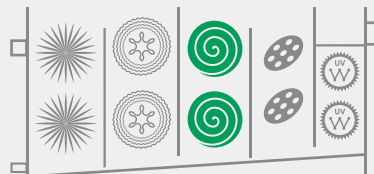
NEW Indented  
Lotus Root Design



1200+ ion data strengthen the growth of fishes



Compliant with EU RoHS test



Spiral cutting plus lotus root structuring diverts and ensures water to flow throughout the bacteria house constantly. Then it will develop more beneficial bacteria not only on the surface but also inside it.

# Lotus Root Nitro Ring II Fresh Water

MTF209

MTF210

MTF211



Builds An Exhaustive & Healthy Micro System

Maximizes Filter Space



Scan for more details

PH:6.8~7.2



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# Lotus Root Nitro Ring II Fresh Water

- Vast micro-hole and rough surface
- Surface Area: 5700m<sup>2</sup>/L 1,737,587.93 sq ft/cu ft
- The oblique cutting structure can disrupt water flow and improve the filtration efficiency
- Water absorption: 60~75%



Rough surface the texture helps nitrifying bacteria attach and grow, thus greatly accelerating the establishment of a nitrification system



Oblique section



Negative Ion reaches 300+ pcs/cm<sup>3</sup> to enhance cells of aquatic life



Functions:

Featured with oblique section plus super porous, to maximize space for nitrobacteria growth and eliminate harmful substance.

Aerobic  
bacteria

Anaerobic  
bacteria

# Nitro Ring

MTF213

MTF215



## Builds A Healthy Micro System

Maximizes Filter Space

Scan for more details



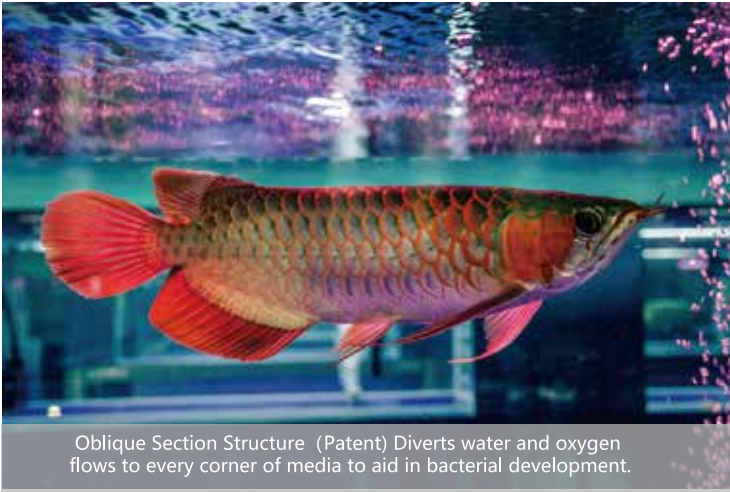


PH:6.8~7.2

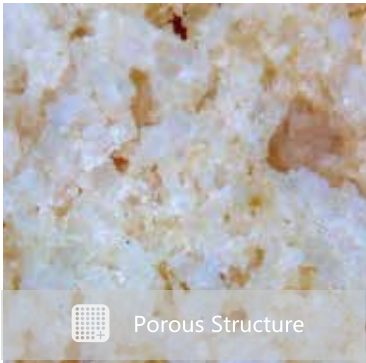


# Nitro Ring

- Porous High rate of water absorption balances aerobic and anaerobic bacteria.
- Surface Area:1150m²/L 350, 565,98 sq ft/cu ft Offers more surface area to aid in beneficial bacteria cultivation and increases filter efficiency.



Oblique Section Structure (Patent) Diverts water and oxygen flows to every corner of media to aid in bacterial development.



Porous Structure



Oblique section

Aerobic bacteria

Anaerobic bacteria

or

or

or

Activated Carbon

Anaerobic Ball

Nitro Ring

Maifan Ring

Filter pad

Sponge

Comply with EU RoHS test;

Eco-filtration standard proportion* ( based on lab test )
Main Tank Water Volume : Filtration Water Volume
4:1
Calculation:
Main Tank Water Volume: Filtration Water Volume: Nitro Ring Volume=
32:8:1

# Maifan Ring /

MTF214

MTF216



Full Functioning Mineral Filter Media

Scan for more details



PH:6.8~7.2



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## Maifan Ring

- Patented Oblique Section Structure  
Diverts water and oxygen flows to every corner of the media to aid in bacterial development;
- Packed in 4 strings of necklaces.  
Easy to install and maintain.
- 500m<sup>2</sup>/L 152,419.99 sq ft/cu ft  
Offers more surface area to aid in beneficial bacteria cultivation and increases filter efficiency



Rich Minerals Releases K, Fe, Na, Ca, Mg, Zn, Cu, and other minerals to benefit aquatic life.



Patented Oblique  
Section Structure



Rich Minerals

Trace  
elements

Water quality  
improve



Compliant with EU RoHS test

Eco-filtration standard proportion\* (based on lab test)  
Main Tank Water Volume : Filtration Water Volume 4:1

Calculation:

Main Tank Water Volume: Filtration Water Volume:  
Maifan Ring Volume=**32:8:1**

# Mini Ring / MTF212



Mini but high efficiency

Scan for more details





PH:7.0~7.5



## Mini Ring

- Mini size as a finger nail
- Ensure water movement
- 1050m<sup>2</sup>/L 320,081.98 sq ft/cu ft  
Offers more surface area to aid in beneficial bacteria cultivation and increase filter efficiency.



Ideal for small size tank



Special tooth gear shape



Packed in 4 individual mesh bags for easier maintenance.



Comply with EU RoHS test;



Nature mineral elements powder added



Balance water pH

Mini aquarium

Planted  
aquarium

# COCONUT CARBON

MT202

MT226



Safe chemical filter media for fish and water

Scan for more details



PH:7.0~7.5



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## COCONUT CARBON

- Natural raw material, more carbon, less dust
- Absorbs chemicals and odours, including those of organic compounds, overall organics (like DOC , TOC), pesticides, detergents, suspended solids and excesses, chlorine etc. which cannot be effectively removed by regular granular activated carbon.



High iodine values up to 1000 mg/g ,  
and a fine porous material with a large surface area.



Porous structure



Natura raw material,  
more carbon, less dust



Maifan Ring

Nitro Ring

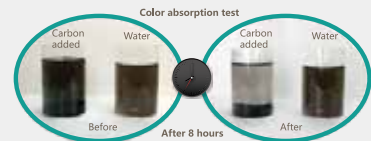
Filter pad

First aid

Clear water



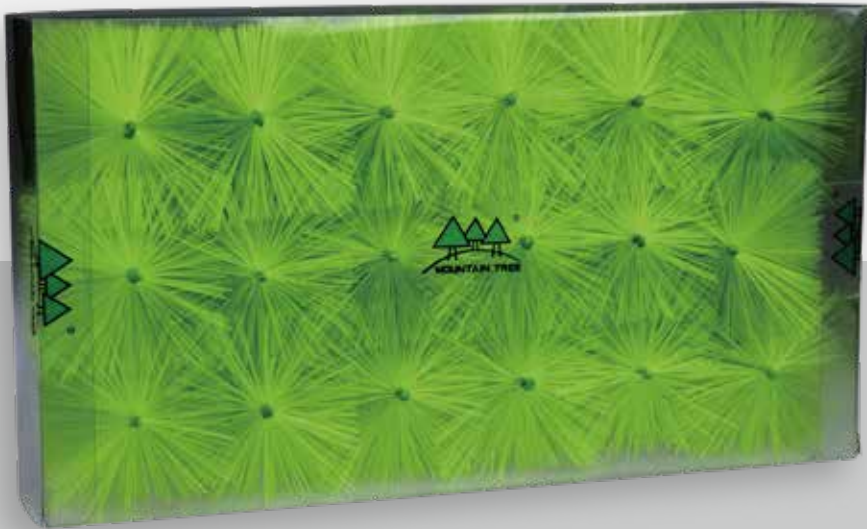
Removes tastes, smells, odors,  
organic compounds and fish  
excrement pollutants.



P.S. Based on lab test with ink solution.

# Small Square Brush

MT105



Easier to fit filter box comparing to round brush,  
without space wasting.

Maximize filter space and improve filter effect greatly.

Scan for more details





## Small Square Brush

- Physical filtration & biological filtration.
- Patented cross shape filaments provide more surface to increase biofilter effect
- Washable, reusable and durable.



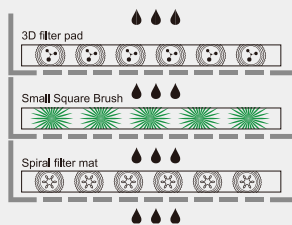
Patented cross shape filament



Round cover to keep you from hurting,  
304 Stainless Steel wire



Efficient in culturing bacteria



Comply with EU RoHS test;

Instruction of use:

1. Used in Wet&Dry separation,  
top filters, trickle filters etc.

2. Simply wash before using.  
Put brush ball orderly for better  
performance.

3. Maintenance regularly according  
to different feeding habits.

Bakki shower

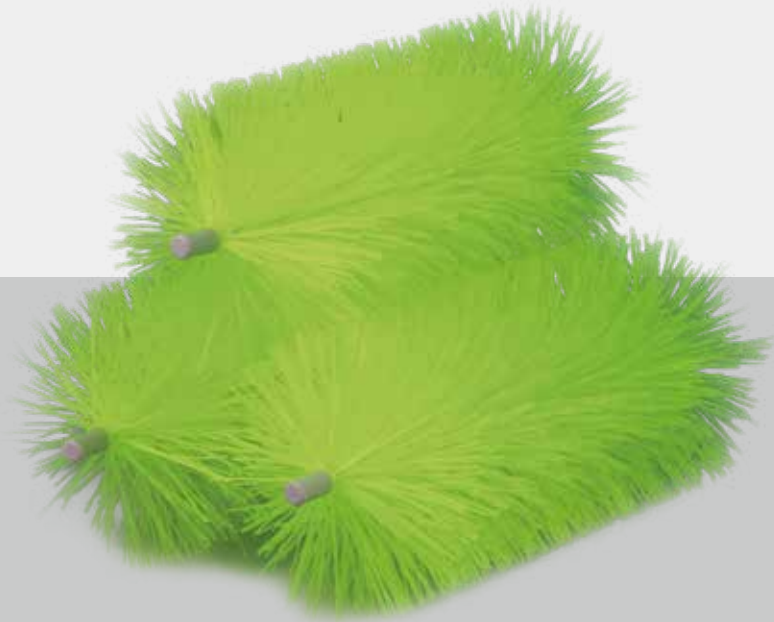
Dry and  
wet depart



# Star Filter Brush for aquarium

MTF217

MTF219



## Star Shape Filament

High water permeability-Develop much bacteria-Recycle to use

Scan for more details





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# Star Filter Brush

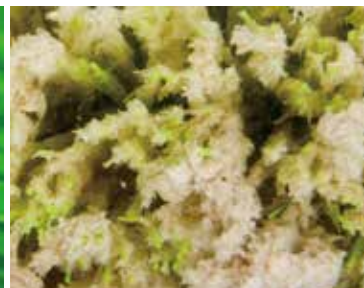
- Size: Diameter 7.5 x 16cm
- Material: Eco-Friendly, Star-Shaped Filaments + Stainless Steel 304
- Function: Aquarium Wet-Dry Separation, Mechanical Filtration



Use in the Physical filtration chamber, absorb the particulate in water, culture nitrifying bacteria efficiently



Star shape filaments greatly increase the surface area



Desirable environment for bacteria cultivation



## Features

Star-shaped filament obviously strengthen the ability of adsorption and culturing bacteria

Washable, recyclable, durable(3 times more than regular brush)

Mechanical  
filtration

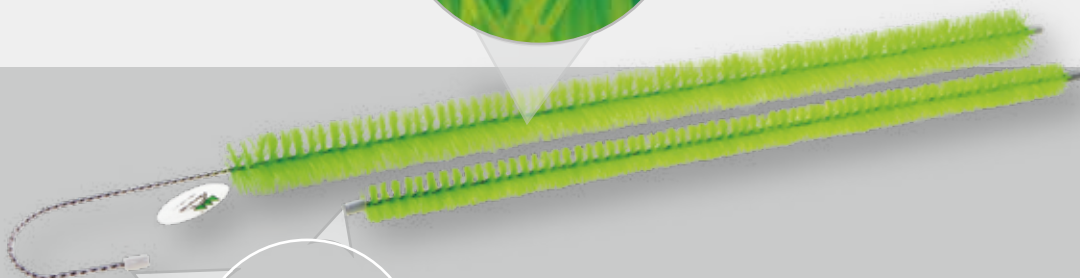
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# Quiet Brush

MT122050	MT118050
MT118050	MT118060
MT118060	MT118070



Patented cross  
shape filament



PA Cap protector  
304 Stainless steel wire

## Wet&dry separation blocks off particulates

Reduces noise efficiently.

304 Stainless steel durable and easy to maintain.

Scan for more details





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# Quiet Brush

- A hook for easily hanging up (only for MT122).
- New and safe PP filaments, EU RoHS test passed.
- Washable, reusable and durable.



Quiet brush greatly REDUCES noise from running water



304 Stainless steel wire



PA Cap protector



Compliant with EU RoHS test



Instruction of use

1. Used in overflow chamber in aquarium to reduce noise of water;
2. Simply wash before using.
3. Maintenance regularly according to different feeding habits.



Reduce noise

Silence

# CLEANING BRUSH

MT119150

MT119060

Bendable with  
good resilience.

Black overcoat keeps the  
string clean from dirt.

Used for cleaning filter pipes and aquariums

Scan for more details



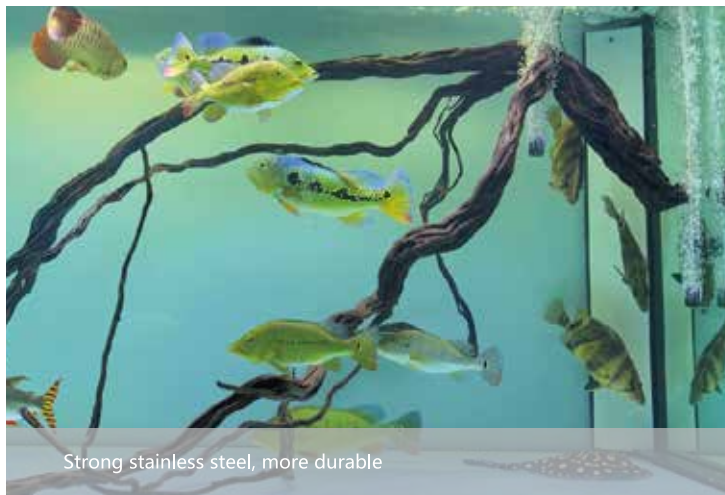




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# CLEANING BRUSH

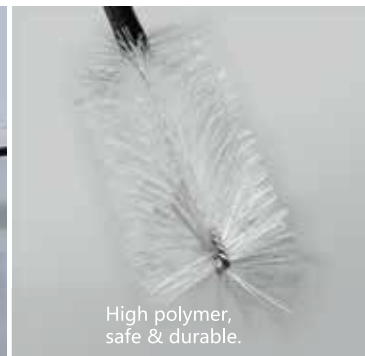
- Made of Stainless Steel 304 and High Polymer, Safe and More Durable



Strong stainless steel, more durable



Can be shifted back and forth easily in curvy pipes



High polymer, safe & durable.



Before



After



Black overcoat makes it more durable

Easy Maintenance

Durable

# Filter Bag for Pump

MTF306



Screens out residue & keeps water clean

Scan for more details





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## Filter Bag for Pump

- Protects pump from blocking.
- Eliminates noise and absorbs shock.
- structure with biological filtration.
- Durable and washable.



Pump protector & shock absorber



Filters out fine particulates and debris

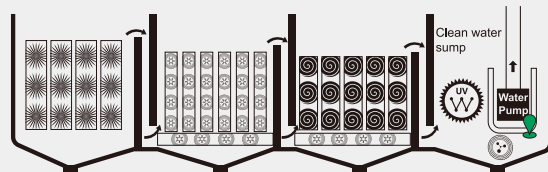


Used in the final/clean water chamber



Compliant with EU RoHS test

Positioned in sump filter



Silence

Pump  
protection

# Carbon Wool Pad / MTF305



Great absorption & “polishing” of water

Carbon infused, reduces impurities



Scan for more details



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## Carbon Wool Pad

- Removes residual medications, toxins, pollutants and dissolved organics.
- Contains activated carbon, “polishing” water while trapping floating particles.
- Quick -acting combat of water and heavy metal odors , and discoloration.



Suitable for: fresh and marine water, any size aquarium or pond..



Easily cut and shape the pads



C

To suit any filtration systems.



Positioned in filter

- For use at the top tier of canister filter, allows for easy maintenance.
- Fewer pollutants may lengthen its life time;
- Acts as the final guard for clean and clear aquarium water.

First aid

Clear water



# UV Sterilizer / MTUV15



Let Mountain Tree UV sterilizer tell you:

The importance of Safety and effectiveness.



Scan for more details



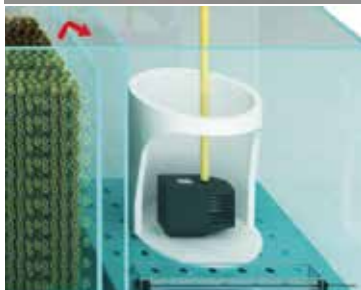
Aquarium

## UV Sterilizer

- Stainless Steel Protective Frame: protect the lamp and easy to install.
- External electronic ballast: to protect the light from over voltage and short circuit.
- The lamp can run over 8000 hours, also, it can replace, more eco-friendly.



15watt is available for aquarium and used for water sterilization, and algae germ elimination



Use in last chamber/clean water chamber of sump filter system



External stainless steel frame, protecting the UV tube and prevents it floating



Function: kill the pathogenic bacteria and algae in the water, balance the microbial system, reduce the possibility of fish disease, allow water to be crystal in a longer time

Sterilize

Eliminate  
algae

Article No	Article	Size/Packing	Package Size
MTFH205	Lotus Root Spiral Bacteria House II (S) Marine	Dia 4 × 16.5CM 24PCS/BOX,4BOXES/CTN	43 × 31.5 × 38.5CM
MTFH207	Marine Water Lotus Root Spiral Bacteria House II (L)	Dia 8 × 25CM 1PC/BOX, 12BOXES/CTN	34.5 × 26 × 27.5CM
MTFH202	Marine water Lotus Root Nitro Ring II 1L 18 × 15mm	18 × 15MM 1L/BOX, 12BOXES/CTN	32.5 × 27.5 × 23CM
MTFH203	Marine water Lotus Root Nitro Ring II 5L 20 × 28mm	20 × 28MM 5L/BOX, 4BOXES/CTN	40 × 26.5 × 24CM
MTF212	Mini Ring 1 Liter	5 × 8MM 1L/BOX, 12BOXES/CTN	32.5 × 27.5 × 23CM
MTF305	Carbon Wool Pad 300G	300G/BOX, 12BOXES/CTN	80 × 53.5 × 51CM
MT105	Small Square Brush for Wet-Dry Filter 6X6X5CM	6 × 6 × 5CM, 18PCS/BOX, 54BOXES/CTN	52 × 52 × 58CM
MTF209	Fresh water Lotus Root Nitro Ring II 1L 18 × 15mm	18 × 15MM 1L/BOX, 12BOXES/CTN	32.5 × 27.5 × 23CM
MTF210	Fresh water Lotus Root Nitro Ring II 5L 20 × 28mm	20 × 28MM 5L/BOX, 4BOXES/CTN	40 × 26.5 × 24CM
MTF213	Nitro ring 1 Liter φ16 × 13mm	16 × 13MM 1L/BOX, 12BOXES/CTN	32.5 × 27.5 × 23CM

Article No	Article	Size/Packing	Package Size
MTF214	Maifan ring 1 Liter φ16 × 13mm	16 × 13MM 1L/BOX, 12BOXES/CTN	32.5 × 27.5 × 23CM
MT202	1L Coconut Carbon Golden Class	1L/BOX, 12BOXES	32.5 × 27.5 × 23CM
MT226	18L Coconut Carbon Golden Class	18L/CTN	30 × 30 × 20CM
MTF306	3D Filter Bag for Pump φ30 × 30CM	Dia 30 × 30CM 1PC/BOX, 12BOXES/CTN	70 × 54 × 70.5CM
MTUV15	UV Sterilizer 15W L: 38CM	1PC/BOX, 6BOXES/CTN	47.5 × 41.5 × 33.5CM
MTUV20	UV Sterilizer 20W L: 62CM	1PC/BOX, 6BOXES/CTN	85.5 × 41.5 × 41.5CM
MTUV40	UV Sterilizer 40W L: 91CM	1PC/BOX, 6BOXES/CTN	113.5 × 41.5 × 41.5CM
MT122050	Quiet Filter Brush w/h hook for Aquarium Inlet Pipe Dia 3.6X50CM	3PCS/BAG, 85BAGS/CTN	52 × 52 × 58CM
MT122060	Quiet Filter Brush w/h hook for Aquarium Inlet Pipe Dia 3.6X60CM	3PCS/BAG, 85BAGS/CTN	52 × 52 × 68CM
MT122070	Quiet Filter Brush w/h hook for Aquarium Inlet Pipe Dia 3.6X70CM	3PCS/BAG, 85BAGS/CTN	52 × 52 × 78CM

Article No	Article	Size/Packing	Package Size
MT118050	Quiet Filter Brush for Aquarium Inlet Pipe Dia 2–2.5cmX50CM	5PCS/BAG, 100BAGS/CTN	52 × 52 × 58CM
MT118060	Quiet Filter Brush for Aquarium Inlet Pipe Dia 2–2.5cmX60CM	5PCS/BAG, 100BAGS/CTN	52 × 52 × 68CM
MT118070	Quiet Filter Brush for Aquarium Inlet Pipe Dia 2–2.5cmX70CM	5PCS/BAG, 100BAGS/CTN	52 × 52 × 78CM
MT119060	Cleaning brush 60CM (with one end brush)	Single Brush Dia 25MM, L60CM 1PC/BAG, 100BAGS/CTN	79 × 24 × 20CM
MT119150	Cleaning brush 150CM (with double ends brushes)	Double Brush Dia 25MM&13MM, L150CM, 1PC/BAG, 100BAGS/CTN	88 × 24 × 20CM
MTF217	Fresh water Lotus Root Bacteria House III (S) $\phi$ 4 × 16.5CM	Dia 4 × 16.5CM 24PCS/BOX, 4BOXES/CTN	43 × 31.5 × 38.5CM
MTF219	Fresh water Lotus Root Bacteria House III (L) $\phi$ 8 × 25CM	Dia 8 × 25CM 1PC/BOX, 12BOXES/CTN	34.5 × 26 × 27.5CM
MTF207	Fresh water Lotus Root Bacteria House II $\phi$ 4 × 16.5CM	Dia 4 × 16.5CM 24PCS/BOX, 4BOXES/CTN	43 × 31.5 × 38.5CM
MTF218	Fresh water Lotus Root Bacteria House II $\phi$ 8 × 25CM	Dia 8 × 25CM 15PCS/CTN	42.5 × 26 × 27CM
MT107	Star Filter Brush for Aquarium 16CM 10PCS/BOX	S/S 304 1.6 Dia7.5 × L16CM 10PCS/BOX	57 × 56 × 60CM



Article No	Article	Size/Packing	Package Size
MT108	Star Filter Brush for Aquarium 16CM 40PCS/BOX	S/S 304 1.6 Dia7.5 × L16CM 40PCS/BOX	77 × 71 × 40CM
MT109	Star Filter Brush for Aquarium 30CM 8PCS/BOX	S/S 316 2.0 Dia12 × L30CM 8PCS/BOX	76 × 40 × 71CM
MT110	Star Filter Brush for Aquarium 30CM 24PCS/BOX	S/S 316 2.0 Dia12 × L30CM 24PCS/BOX	59 × 57 × 78CM

# Technical Data

Item	Item No.:	Photo	Surface Area (m²/pc)	Surface Area(m²/L)	Open Porosity (%)	Absorption rate(%)	PH	TDS (ppm)	P04 (ppm)	KH	Ion data (pcs/cm³)
Spiral Bacteria House I	MT217		500	2488	52.1	55-60	7.2	10-15	0	2	100
Lotus Root Spiral Bacteria House II (S)	MTF207		1130	5623	70.5	60-80	7.2	20-30	0	3	400
Lotus Root Spiral Bacteria House III (S)	MTF217		1130	6618	71.29	63-80	6.8-7.2	25-30	0	1	1250
Lotus Root Spiral Bacteria House II (L)	MTF208		5404	4303	70.5	60-80	7.2	20-30	0	1	400
Lotus Root Spiral Bacteria House III (L)	MTF218 MTF219		6650	5292	71.29	63-80	6.8-7.2	25-30	0	1	1250
Lotus Root Spiral Bacteria House III (S) Marine	MTFH205		1330	6618	71.36	65-80	8.0-8.4	30-35	0	3	1300
Lotus Root Spiral Bacteria House III (L) Marine	MTFH207		6650	5295	71.36	65-80	8.0-8.4	30-35	0	3	1300
Lotus Root Nitro Ring II	MTF209 MTF210 MTF211		NA	5700	70.2	60-75	7.2	15-25	0	3	300
Lotus Root Nitro Ring II Marine	MTFH202 MTFH203 MTFH204		NA	5580	70.2	60-75	8.0-8.4	20-30	0	2	800-900
Nitro Ring I	MTF213 MTF215		NA	1150	~60.5	45-60	7.2	10-15	0	1	80-100
Maifan Ring	MTF214 MTF216		NA	500	~45.2	45-60	7.2	20-35	1	2	80-100
Mini Ring	MTF212		NA	1050	~58	45-60	7.0-7.5	10-15	0	1	30-60



# MOUNTAIN TREE PRODUCT CATALOGUE

Water, Your Life, Your Soul, Our Mission!

Guangzhou Lijing Co., Ltd







**Pond**



High-End Villa Koi Pond







Water, Your Life, Your Soul,  
Our Mission!





# Star Filter Brush

MTF124040

MTF124050



## Both Physical & Biological Filtration Mechanisms

The six-pointed star filament offers four times more filtration power than normal single thread brushes.

Scan for more details





## Star Filter Brush

- Open hook head easy to install and take out.
- Covered in premium 304/316 stainless steel, features with anti-rust weight bearings. Limits secondary pollution.
- Excellent physical and biological filtration-blocks wastes and cultures bacteria.
- Easy to install and maintain, the choice of professionals.



Moderate dense of filaments for excellent physical filtration.



✱ Star-Shaped filament



Stainless Steel



EU RoHS standards tests passed. Safe and non-toxic material.



Customizable sizes

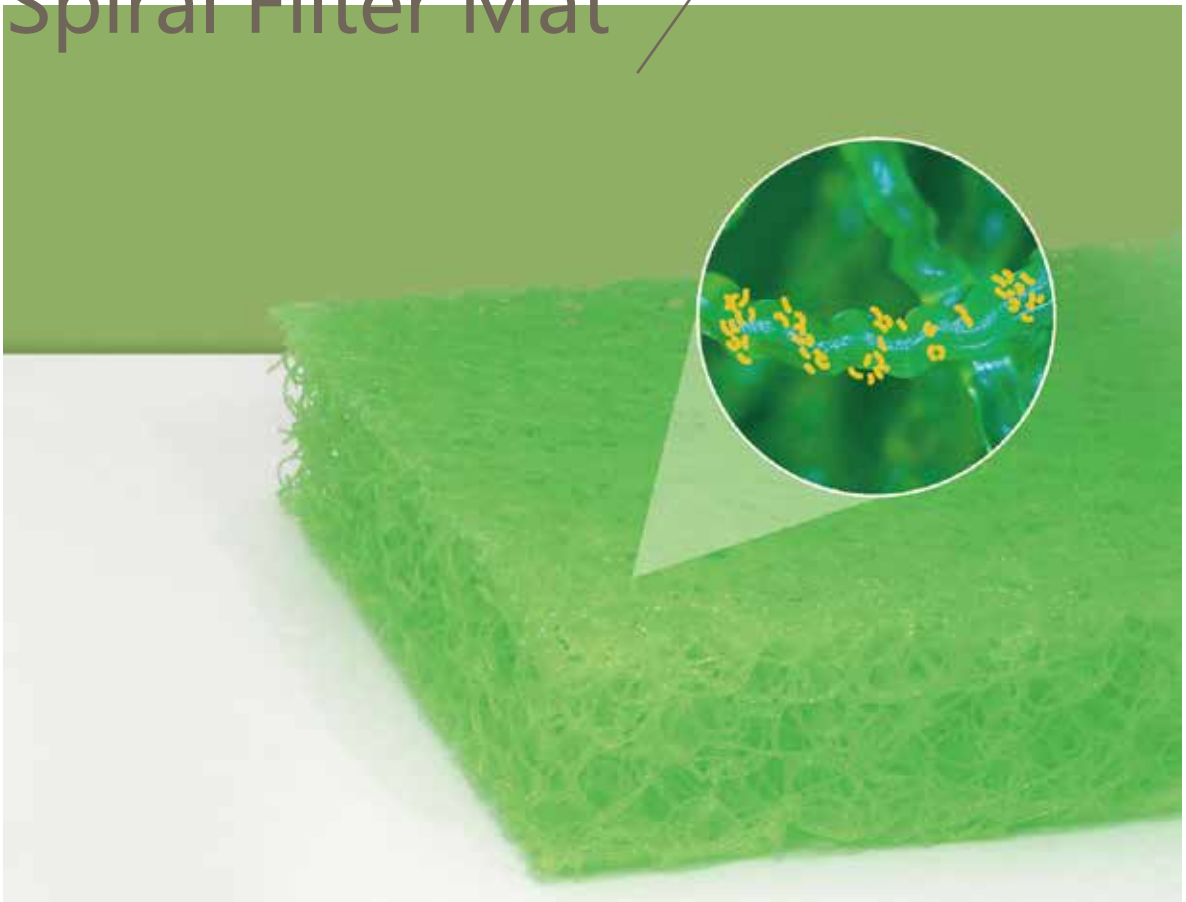
Mechanical  
Filtration

Koi

# Spiral Filter Mat

MTF302

MTF303



## Multi-Functional and Widely Used Filter Media

Spiral Structure(Patented)

More surface area is covered by spiral and coarse filaments, aids in beneficial bacteria cultivation and upgrades bio filtration efficiency.

Scan for more details

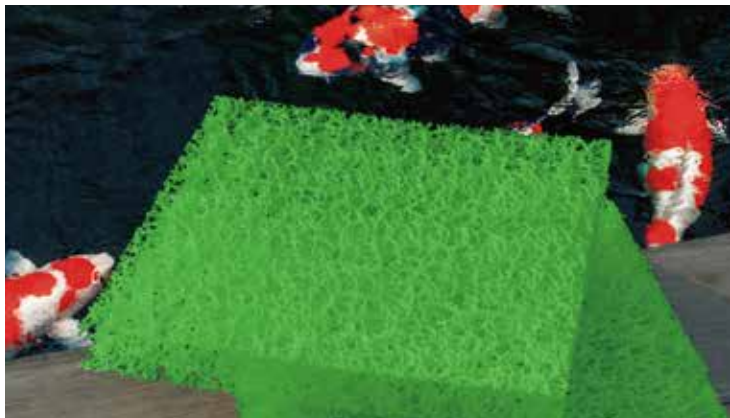






## Spiral Filter Mat

- Spiral Structure(Patented)
- Solid Structure Made by Hot-Melting
- Moderate Thickness and Density
- Easy to cut, maintain and install



Physical and bio filtration functions 2 in 1.



Spiral Structure(Patented)



Easy Maintenance



Positioned this chamber in sump



EU RoHS standard tests passed



Widely used for marine water, freshwater and all kinds of landscape filtration

Mechanical  
filtration

Bio-filtration

# SPAWNING BRUSH

MTF100150



Comfy Home for Fish Eggs

Emulates Natural Koi Fish Spawning Environment

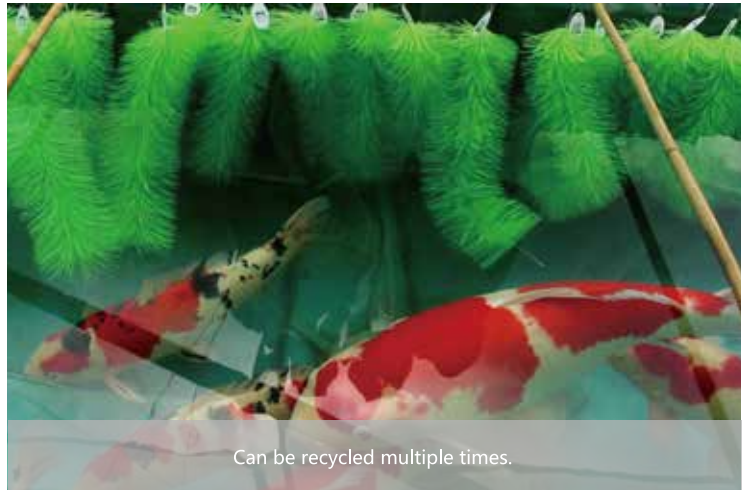
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# SPAWNING BRUSH

- Comfy Home for Fish Egg Growth
- Higher Survival Rate of Fish Eggs
- Easy Solutions for Breeding



Can be recycled multiple times.



fish eggs spawning



Higher Survival Rate of Fish Eggs



1

2

3

How to use?  
Fix the loops and install them as one of these ways



Emulates Natural Koi Spawning Environment.



Easy Solutions for Breeding.

Breed

Soft & Comfy

# SKIMMER

MTF601

MTF602

MTF603



Skimmer makes control surface water easily  
and no moving pipes when feeding

Scan for more details





# SKIMMER

- Adjusts water flow, blocks fish food and collects leaves as well



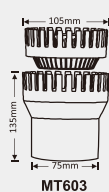
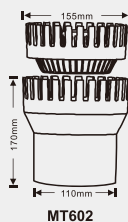
Serves as three functions as intercept food, collect leaves and control water flow.



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



Vertical Installation: Intercept feed



Vertical Installation: Intercept feed.

Tilted Installation:

Collect leaves and reduce the burden of filter system.

Revolve the axis: Control water flow freely

Surface water

Intercept



# Lotus Root Bacteria House II

MTF207

MTF208



Activate water molecule and microbes

Surface Area: 4303m<sup>2</sup>/L 1,311,726.47 sq ft/cu ft

Patented spiral structure adds up to 3 times filtration space.

Scan for more details





PH:6.8~7.2



## Lotus Root Bacteria House II

- 60-80% water absorption certifies maximum media filter efficiency
- Releases rich mineral elements to promote water ecological balance.
- Media emits Far Infrared and average anion value is up to  $400\text{pcs}/\text{cm}^3$ , which makes water alive and benefits fish immune systems and colorings
- To ensure the water's optimal filtration and activation, it is recommended that the products should be replaced every two years.

Bio Filtration

Spiral Structure



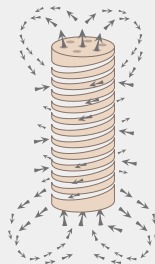
Releases rich mineral elements to promote water ecological balance.



60-80% water absorption certifies maximum media filter efficiency



Lotus Root Spiral Structure



Compliant with EU RoHS test

Functions:

Special lotus root and nano pores provide ultimate environment for nitrobacteria to grow, thus enhance their performance in dealing with harmful nitrate and nitrite .

# Lotus Root Bacteria House III

MTF217

MTF219



Keeps Water And Microbes Active

20% More Surface Area for Bacteria Cultivation

Scan for more details



PH:7.0~7.2



## Lotus Root Bacteria House III

- NEW Indented Lotus Root Design  
Increases the hydrophobic area between the media and forms a turbulent flow, which provides a more appropriate surface area. Avoids the occurrence of blocking due to excessive concentrations of microorganisms and sediment build up in the biological chambers.
- 20% More Surface Area:  $5292\text{m}^2/\text{L}$   
 $1,613,213.22\text{ sq ft/cu ft}$  (MTF219)
- Three Times More Far Infrared Ray:  
 $1200\text{pcs}/\text{cm}^3$
- Mesh Protector
- Rich Mineral Elements: K, Mg, Fe, Zn, Na, Ca, various minerals improve the growth rates of fish bones while balancing the blood conditions.
- To ensure the water's optimal filtration and activation, it is recommended that the products should be replaced every two years.

Bio Filtration

Powerful  
Filter Effect



Spiral structure provides environment for bacteria  
Cultivate inside and outside of the media.



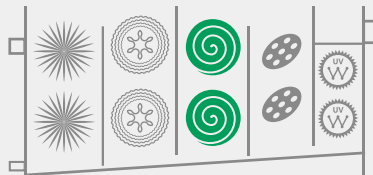
New Indented Lotus Root  
+Spiral Structure Design



1200+ ion data strengthen the  
growth of fishes



Compliant with EU RoHS test



Spiral cutting plus lotus root structuring diverts and ensures water to flow throughout the bacteria house constantly. Then it will develop more beneficial bacteria not only on the surface but also inside it.

# Lotus Root Nitro Ring II

MTF209

MTF210

MTF211



Builds An Exhaustive & Healthy Micro System

Maximizes Filter Space

Scan for more details



PH:6.8~7.2



## Lotus Root Nitro Ring II

- Vast micro-hole and rough surface
- Surface Area: 5700m<sup>2</sup>/L 1,737,587.93 sq ft/cu ft
- The oblique cutting structure can disrupt water flow and improve the filtration efficiency
- Water absorption: 60~75%



Physical filtration of residue, precipitation, and decomposing organic substances



Lotus Root and Oblique Structure



Negative Ion reaches 300+ pcs/cm<sup>3</sup> to enhance cells of aquatic life



Positioned this chamber in sump



Compliant with RoHS of EU



New Indented Lotus Root + Spiral Structure Design

Aerobic  
bacteria

Anaerobic  
bacteria

# UV Sterilizer

20w

40w



Let Mountain Tree UV sterilizer tell you:

The importance of Safety and Effectiveness

Scan for more details







## UV Sterilizer

20w & 40w

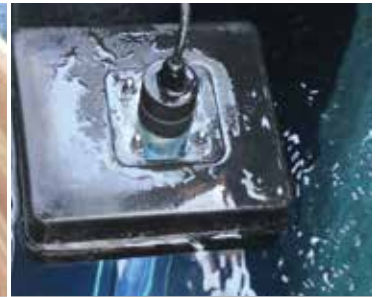
- Stainless Steel Protective Frame: protect the lamp and easy to install;
- The lamp can run over 8000 hours, also, it can replace, more eco-friendly;
- External electronic ballast: to protect the light from over voltage and short circuit.
- Floating Board : make the head of lamp exposed in order to prevent water and leakage. (Only for 20W / 40W)



20/40W available, used for water sterilized and algae germ elimination.



The lamp can run over 8000 hours, also, it can replace, more eco-friendly



Floating Board: make the head of lamp exposed in order to prevent water and leakage.

Kill pathogenic bacteria and algae in the water, balance the microbial system, reduce the possibility of fish disease from the source, so that the fish tank water to maintain high transparency for a long time.

Sterilize

Eliminate  
algae

# Air Diffusor

MTF604 MTF605



## A Self-Sinking Diffusor

Release Tiny Bubbles

Scan for more details





## Air Diffusor

- Self-weight prevents it from floating and it's easy to use with a large flow air pump
- Smooth industrial design to eliminate sharp edges, ensure it is no damage to fish.
- The rubber ring is made of eco-friendly rubber imported from Japan, which has a longer lifetime and releases delicate bubbles.



Heavy component weight ensures no drifting when used with high flow air pumps.



Environmentally friendly rubber for durability



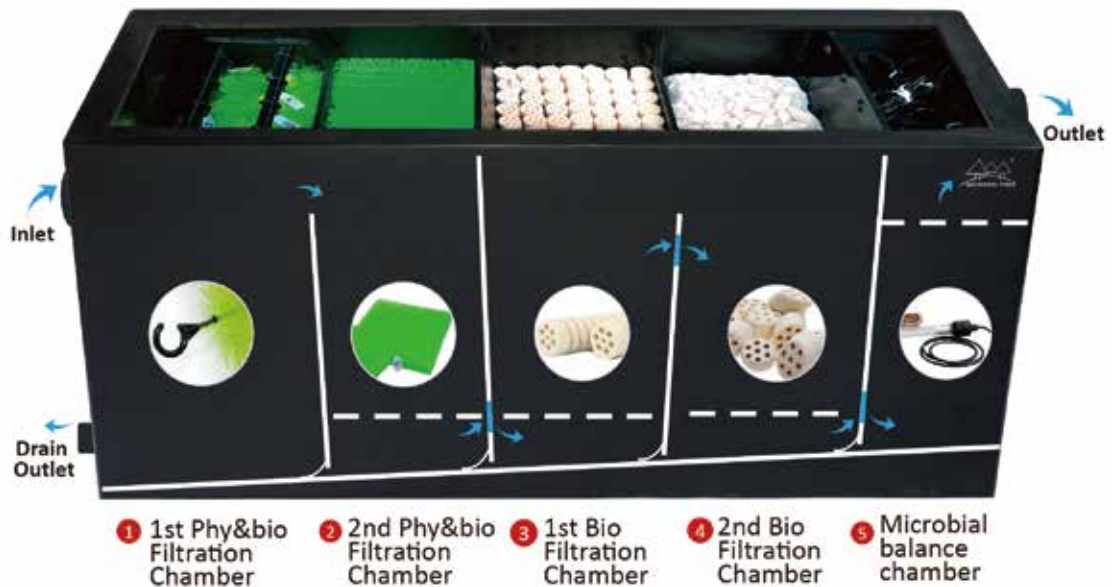
Pure Copper or PE Valve

Suitable in various kind of waters such as pond, aquarium, landscape etc. to increase the dissolved oxygen.

Delicate  
bubbles

scratch proof

# Mountain Tree Eco Pond Filter



## Mountain Tree Eco Pond Filter

- All-in-one installation
- Ready to move, modify and upgrade
- Can stand in outdoor environment -50°C ~ 80°C
- 5-year warranty





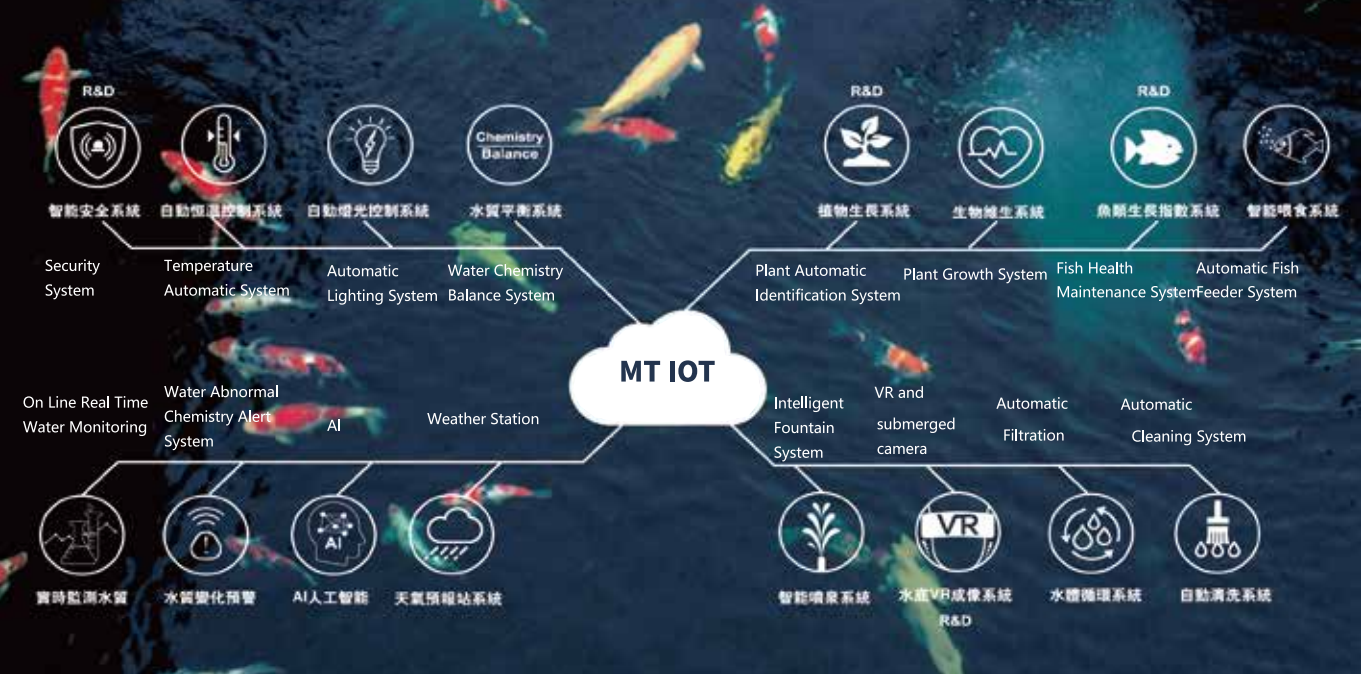
# MT Water Monitoring System 智能水质监测系统

Have a peace of mind  
to enjoy the fish pond.

## MT-EcoTech

International scientific standard





# Advantages

## 01 Comprehensive Water Monitoring

The monitoring data includes temperature, pH, DO, NO<sub>2</sub>-, NO<sub>3</sub>-, NH<sub>4</sub>+, NH<sub>3</sub>, turbidity, conductivity, salinity, hardness, DO% etc.

## 02 7x24 Online Real-Time Monitoring

No matter where nor when the users can check the latest water parameters on PC/mobile/web application.

## 03 Automatic Warning Alarms

Once water parameters reach triggers, the system will immediately send out alarms to inform the users to take proper actions. In this way, it will prevent it from turning into a worse situation.

## 04 Automation Reduces Cost and Risk

Based on water monitoring parameters, the system can automatically control the concerned devices and adjust water quality automatically to save labor costs and reduce critical risks.

## 05 Water-Proof Camera Available

Waterproof cameras can apply above or underwater, so the users can enjoy watching the fish swimming anywhere and anytime.

Article No	Article	Size/Packing	Package Size
MTF124040	Star Filter Brush Dia 12 * 40CM	40CM+8CM 100PCS/CTN	52 × 52 × 88CM
MTF124050	Star Filter Brush Dia 12 * 50CM	50CM+8CM 50PCS/CTN	52 × 52 × 58CM
MTF302	Spiral Filter Mat Green 33x33x4CM	33 × 33 × 4CM 23PCS/CTN	85 × 53 × 49CM
MTF303	Spiral Filter Mat Green 200x100x4CM	200 × 100 × 4CM 5PCS/CTN	204 × 104 × 21CM
MTF100100	Spawning Brush 100CM	Dia 15 X 100CM BULK PACKAGE 100PCS/CTN Unit: BOX	25 × 25 × 120CM
MTF100150	Spawning Brush 150CM 2PCS/BOX	Dia 15 × 150CM 2PCS/BOX, 40BOXES/CTN	52 × 52 × 58CM
MTF601	Skimmer diameter 50MM	Dia 50MM 1PC/BOX,24BOX ES/CTN	40.9 × 20.7 × 38.8CM
MTF602	Skimmer diameter 75MM	Dia 75MM 1PC/BOX,12BOX ES/CTN	50 × 26 × 44.5CM
MTF603	Skimmer diameter 110MM	Dia 110MM 1PC/BOX,24BOX ES/CTN	48.8 × 32.7 × 36.5CM
MTF207	Fresh water Lotus Root Bacteria House I φ4 × 16.5CM	Dia 4 × 16.5CM 24PCS/BOX,4BO XES/CTN	43 × 31.5 × 38.5CM
MTF218	Fresh water Lotus Root Bacteria House I φ8 × 25CM	Dia 8 × 25CM 15PCS/CTN	42.5 × 26 × 27CM

Article No	Article	Size/Packing	Package Size
MTF217	Fresh water Lotus Root Bacteria HouseⅡ φ4 × 16.5CM	Dia 4 × 16.5CM 24PCS/BOX,4BO XES/CTN	43 × 31.5 × 38.5CM
MTF219	Fresh water Lotus Root Bacteria HouseⅡ φ8 × 25CM	Dia 8 × 25CM 1PC/BOX, 12BOXES/CTN	34.5 × 26 × 27.5CM
MTF209	Fresh water Lotus Root Nitro RingⅠ1L 18 × 15mm	18 × 15MM 1L/BOX, 12BOXES/CTN	32.5 × 27.5 × 23CM
MTF210	Fresh water Lotus Root Nitro RingⅡ5L 20 × 28mm	20 × 28MM 5L/BOX, 4BOXES/CTN	40 × 26.5 × 24CM
MTUV20	MT UV Sterilizer 20W	220V 50~60Hz 20W	85.5 × 41.5 × 41.5CM
MTUV40	MT UV Sterilizer 40W	220V 50~60Hz 40W	113.5 × 41.5 × 41.5CM
MTF604	MT Air Diffusor	φ: 32CM	72.5 × 40 × 37CM
MTF605	MT Air Diffusor	φ: 52CM	77.5 × 57 × 58CM

# Technical Data

Item	Item No.:	Photo	Surface Area (m <sup>2</sup> /pc)	Surface Area(m <sup>2</sup> /L)	Open Porosity (%)	Absorption rate(%)	PH	TDS (ppm)	P04 (ppm)	KH	Ion data (pcs/cm <sup>3</sup> )
Spiral Bacteria House I	MT217		500	2488	52.1	55-60	7.2	10-15	0	2	100
Lotus Root Spiral Bacteria House II (S)	MTF207		1130	5623	70.5	60-80	7.2	20-30	0	3	400
Lotus Root Spiral Bacteria House III (S)	MTF217		1130	6618	71.29	63-80	6.8-7.2	25-30	0	1	1250
Lotus Root Spiral Bacteria House II (L)	MTF208		5404	4303	70.5	60-80	7.2	20-30	0	1	400
Lotus Root Spiral Bacteria House III (L)	MTF218 MTF219		6650	5292	71.29	63-80	6.8-7.2	25-30	0	1	1250
Lotus Root Spiral Bacteria House III (S) Marine	MTFH205		1330	6618	71.36	65-80	8.0-8.4	30-35	0	3	1300
Lotus Root Spiral Bacteria House III (L) Marine	MTFH207		6650	5295	71.36	65-80	8.0-8.4	30-35	0	3	1300
Lotus Root Nitro Ring II	MTF209 MTF210 MTF211		NA	5700	70.2	60-75	7.2	15-25	0	3	300
Lotus Root Nitro Ring II Marine	MTFH202 MTFH203 MTFH204		NA	5580	70.2	60-75	8.0-8.4	20-30	0	2	800-900
Nitro Ring I	MTF213 MTF215		NA	1150	~60.5	45-60	7.2	10-15	0	1	80-100
Maifan Ring	MTF214 MTF216		NA	500	~45.2	45-60	7.2	20-35	1	2	80-100
Mini Ring	MTF212		NA	1050	~58	45-60	7.0-7.5	10-15	0	1	30-60





