



Guangzhou QIHANG Imp&exp Co., Ltd.
Guangzhou QILI Environmental Equipment Co.,Ltd.

Tel : + 86-1852-0739-875 Focebook:qlozone

Email : qlozone@qlozone.com

Web : qihangras.com / qlozone.com

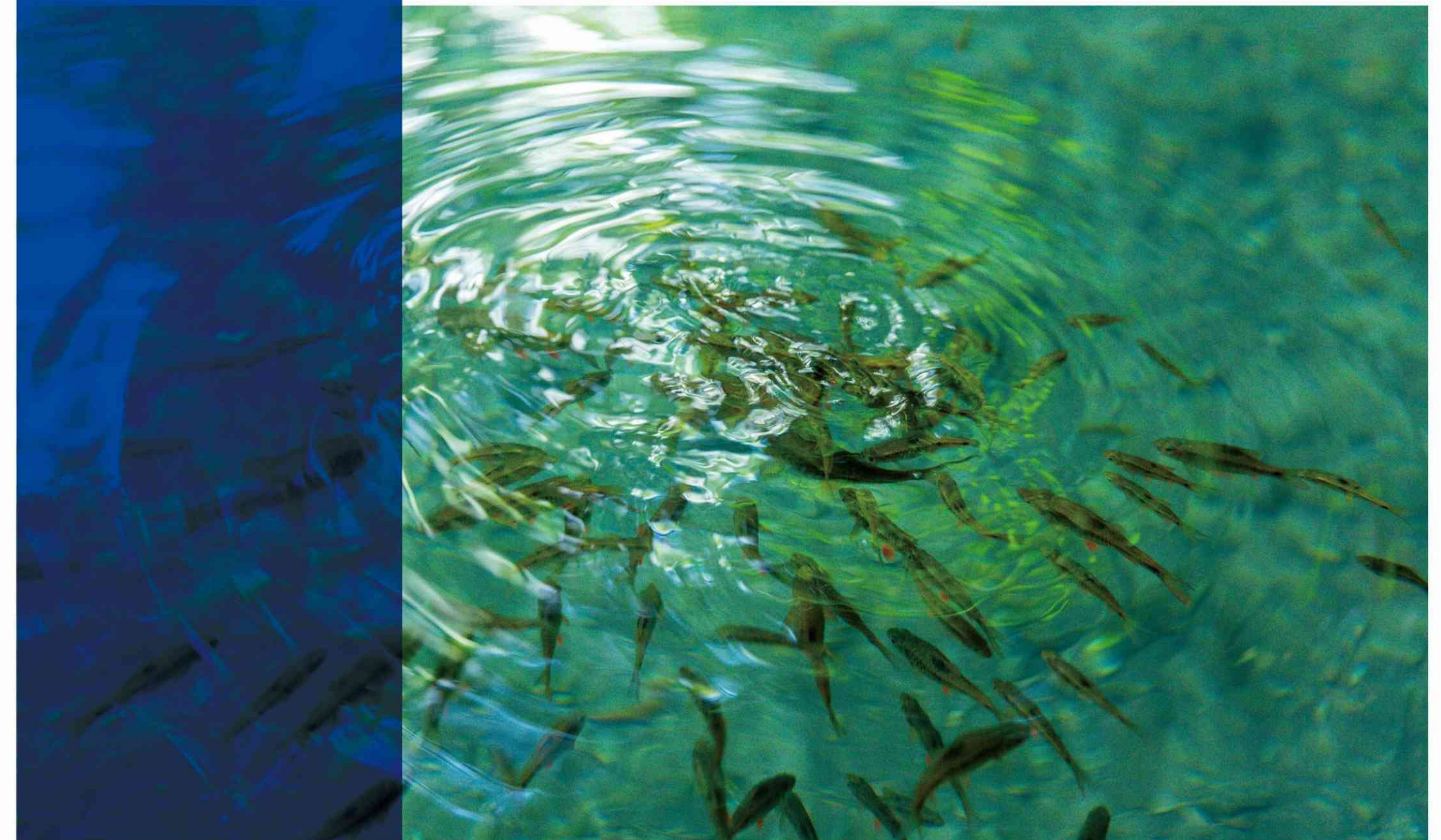
Add : No.27,Xiling Industrial Park Road,Wanggang,Jiahe Street,
Baiyun District,Guangzhou,China,510425



Youtube



qlozone.com



AQUACULTURE SYSTEM TECHNOLOGY INNOVATOR

Guangzhou Qili(QiHang) recirculating aquaculture system equipment technical manual

CREATE A BETTER FUTURE

ENVIRONMENTAL
EQUIPMENT
SPECIALIST

QILI ENVIRONMENTAL EQUIPMENT SPECIALIST IN AQUACULTURE

In recent years, our company has provided professional system equipment and processing operation services for more than ten farms. Now we have a professional technical team led by senior engineers in aquaculture engineering and a first-class operation management team, which has accumulated rich experience in industry operation and management, can provide customers with professional, efficient and comprehensive operation management services.

1	Company Profile
2	Certifications
3	Recirculating Aquaculture System Introduction
4	Recirculating Aquaculture System Equipment
5-6	Recirculating Aquaculture Production Process
7	Raw Water Treatment System
8	Aquaponics System
9	PP Combi Drum Filter
10	Stainless Steel Combi Biological Filter
11	Rotary Drum Filter
12	Stainless Steel Rotary Drum Filter
13	Protein Skimmer
14	Bio Filter
15	Bio-media
16	Fish Tank
17	Ozone Generator
18	Stainless Steel UV Sterilizer
19-20	Water Quality Monitor
21	Oxygen Concentrator
22	Oxygen Cone
23	Mixing Method
24	Fish Fry And Shrimp Larvae
25-28	Peak Mountain Farming Base
29	Exhibition
30	Project Case
31-32	Customer Cases

Company Profile

Guangzhou Qili Environmental Equipment Co.,Ltd. is located in Baiyun District, Guangzhou City, which has dense industry and convenient transportation. Adopt new standardized workshop and assembly line production to ensure stable output of high-quality products, 24-hour online service, and professional after-sales team. The company was recognized as a high-tech enterprise, passed the ISO quality system certification, and obtained the brand elimination license. The products have passed European CE, Rohs certification and a number of design patents.

Eight years after the establishment of the factory, Qili has been focusing on R&D and production. Production and sales of ozone generators, oxygen generators, koi fish pond filters, protein separators, micro filters, biological filters, aquaculture fish ponds, dissolved oxygen cones and other products. It has won unanimous praise from customers. In addition to domestic and foreign, the company's products are also exported to Southeast Asia, South Africa, South America, Europe and other countries.

After years of stable and rapid development, Qili has a group of high-quality teams of professional management, technology research and development, production and marketing services. "Professional, win-win" is the concept, "quality first, customer first" is the purpose, and "making the greatest contribution to the cause of human environmental protection" is a beautiful vision.

Choose Qili, choose success, Qili will provide you with the highest quality products to help you become stronger!



Certifications



High tech enterprise certificate



Hygiene license of disinfection product manufacturer



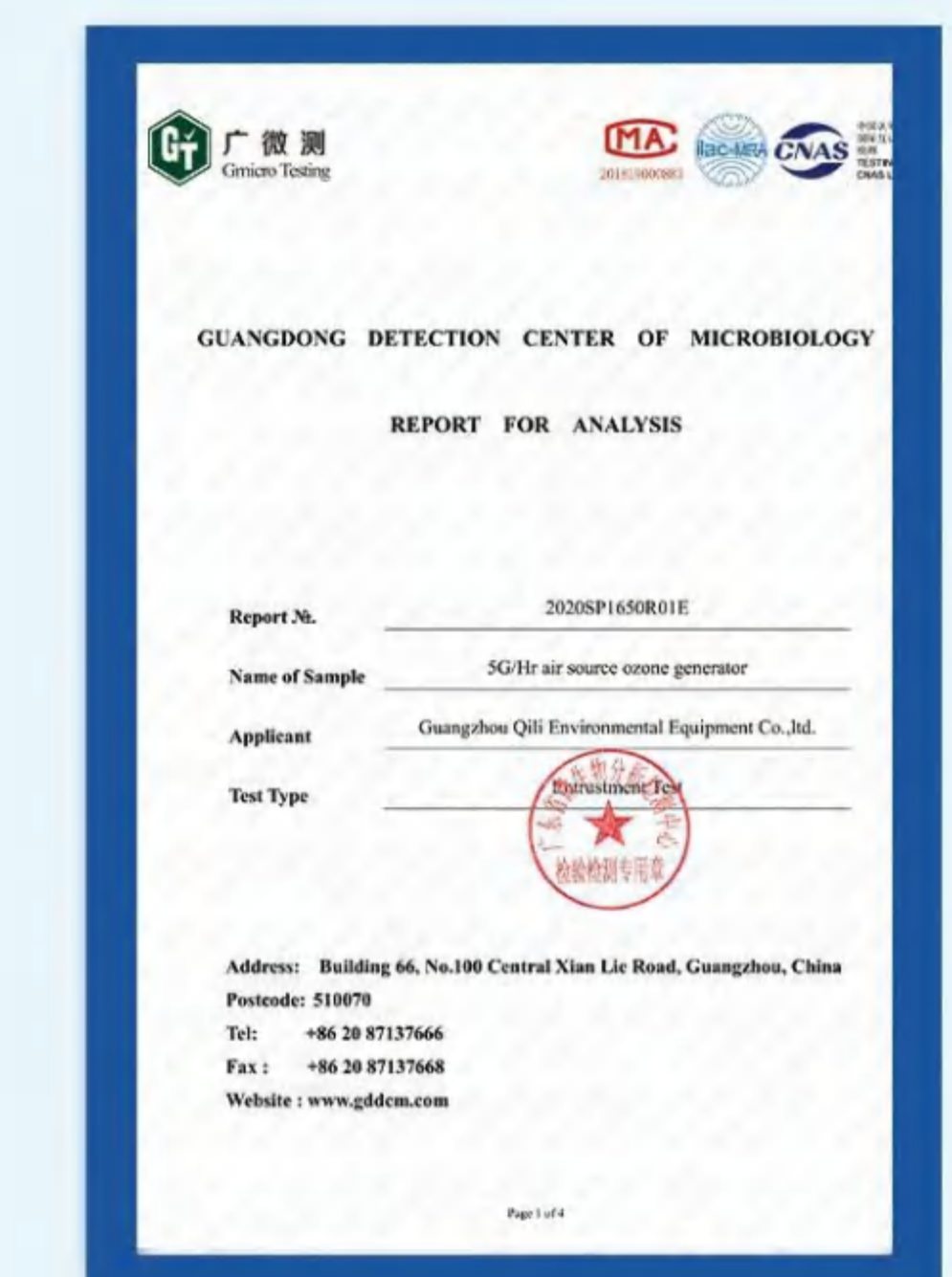
ISO quality inspection certificate 1



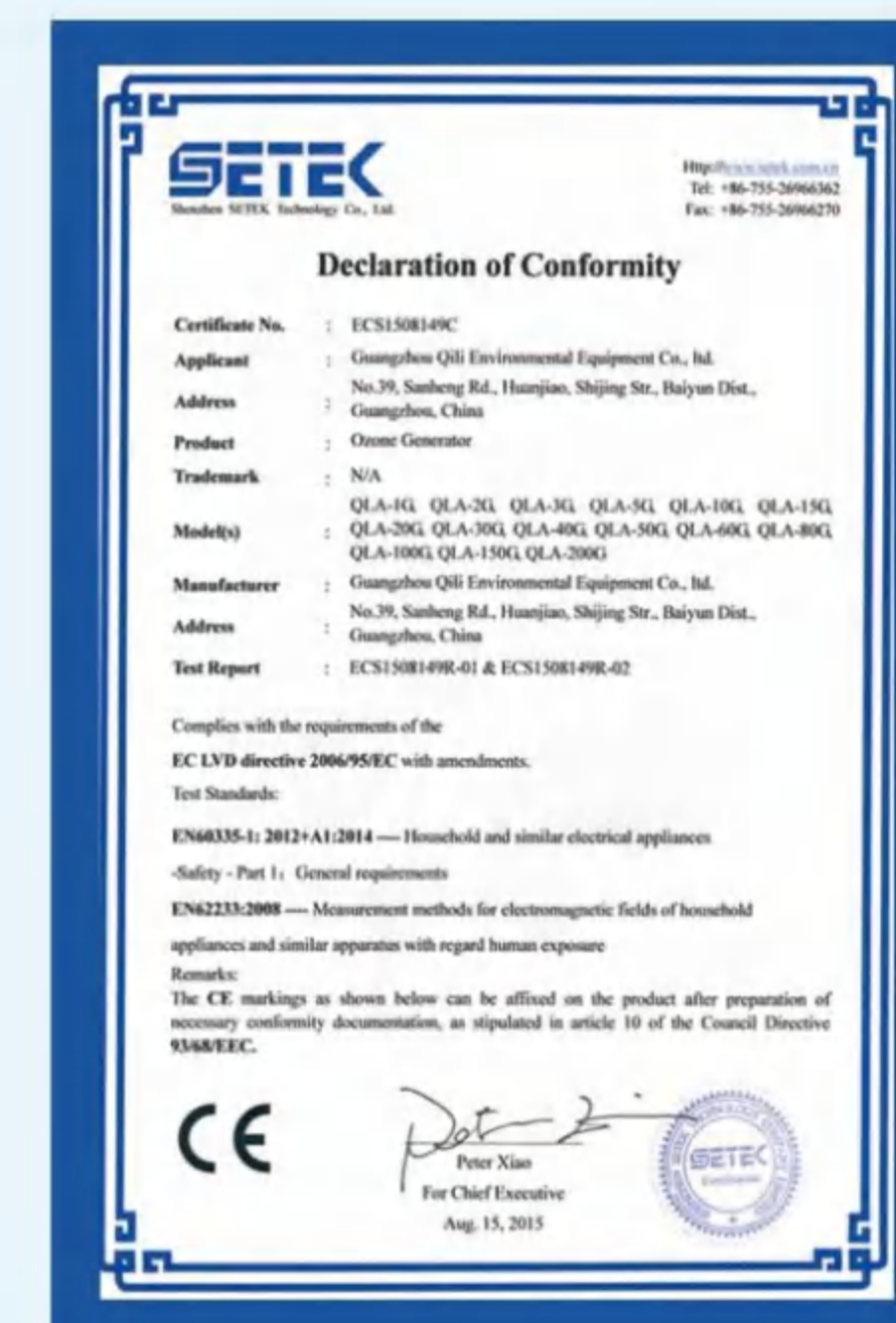
ISO quality inspection certificate 2



Quality Test Certificate 1



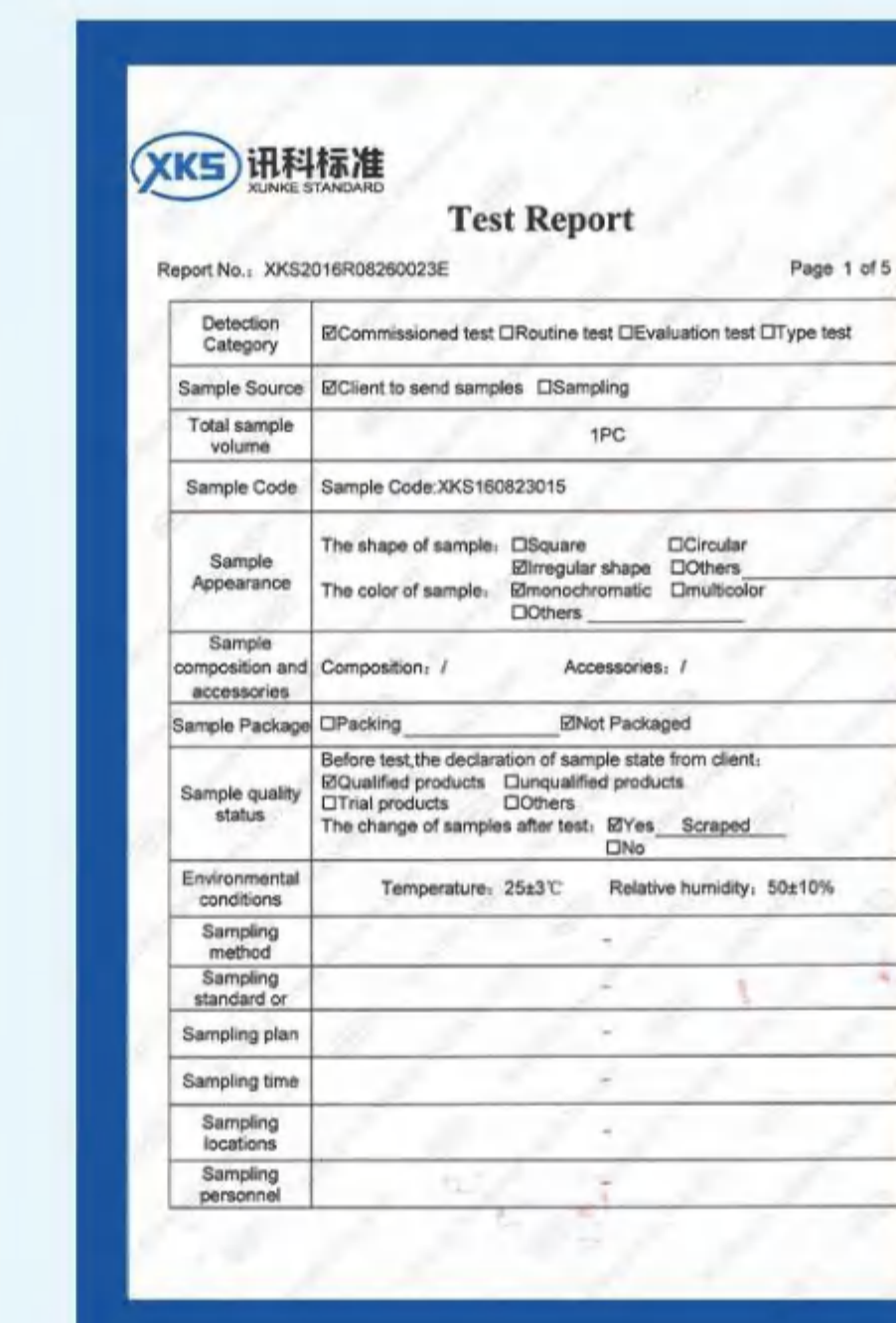
Quality Test Certificate 2



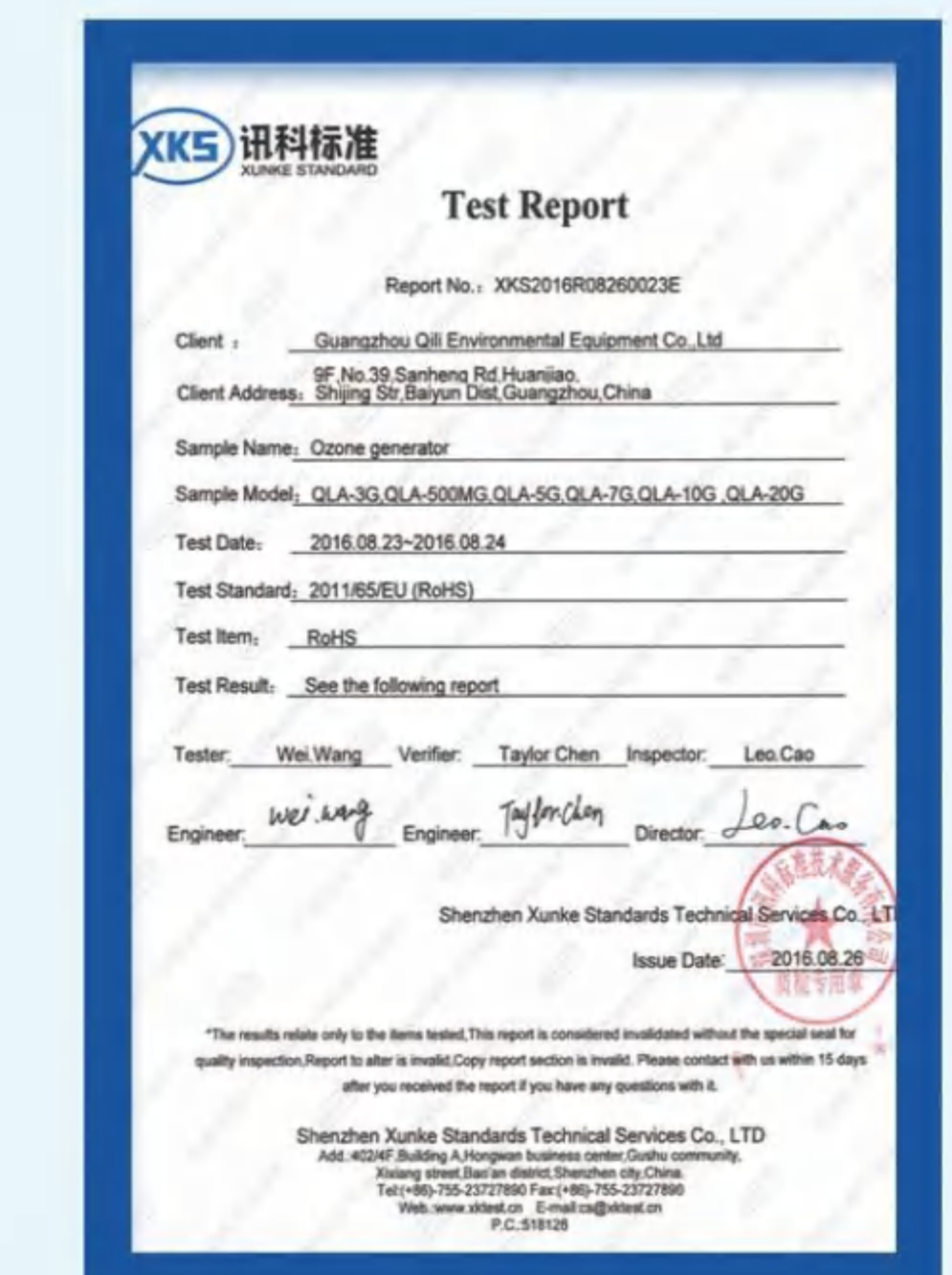
EU CE Certification 1



EU CE Certification 2



EU ROHS Certification 1



EU ROHS Certification 2

QiLi recirculating aquaculture system

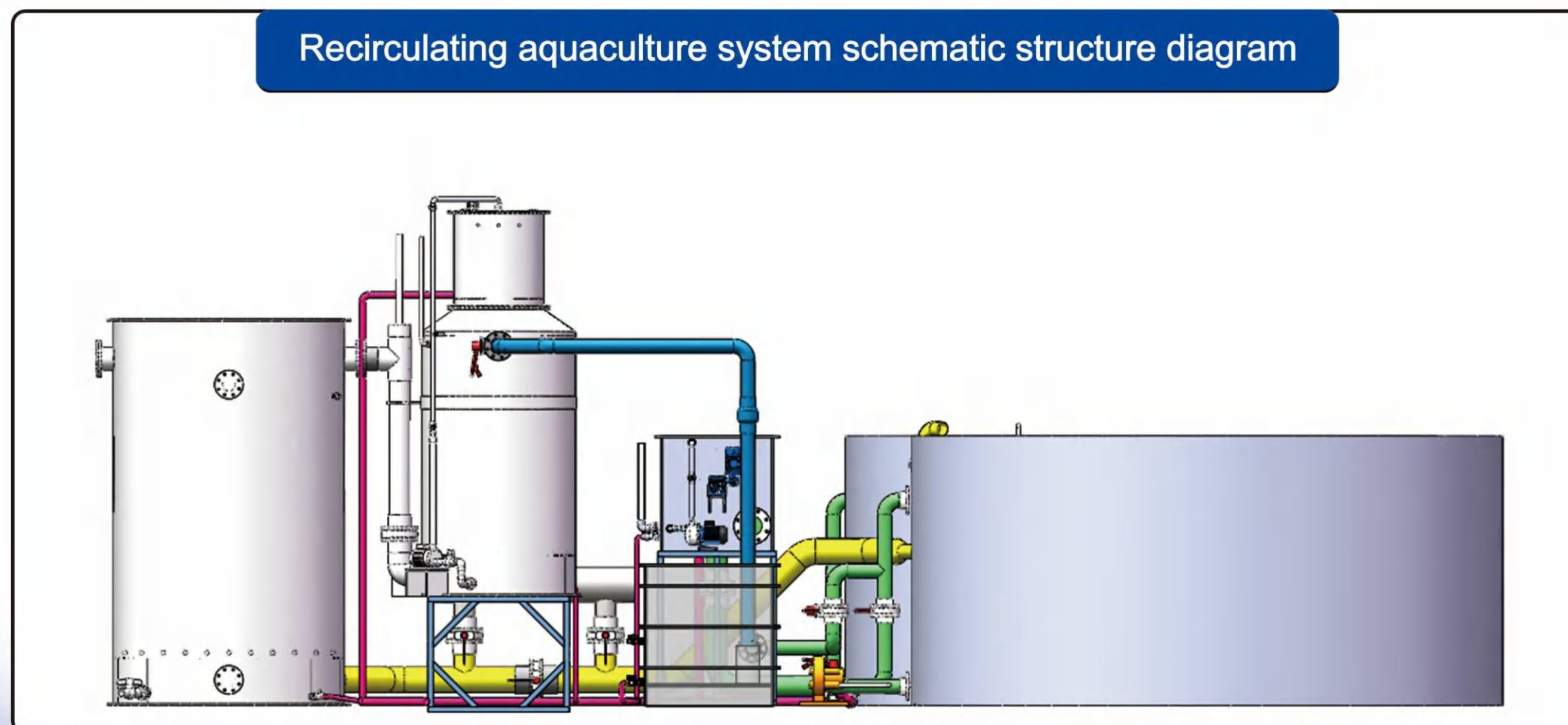
System introduction

Guangzhou QiLi Recirculating Aquaculture is a model that completely subverts traditional fish farming. It promotes the aquaculture industry to industrialization and makes full use of modern science and technology, including mechanical engineering, biology, water treatment chemistry, electromechanical engineering, Modern electronic informatics, modern architecture, etc. After field surveys, scientific demonstrations and careful design, it has become a highly feasible and customized solution. Through high-density and intensive production of aquatic products, the goal of low pollution, low risk, high efficiency and sustainable development in the aquaculture industry will be finally realized.

System feature

- ◆ Will not be affected and restricted by natural environment such as climate and water quality changes.
- ◆ High output, low risk, and low investment.
- ◆ Reduce occupy space, reduce energy consumption, reasonable system technology, simple operation, convenient maintenance and low failure rate.
- ◆ Through the strong oxidation of ozone, protein, NH_3/NH_4 , etc. are converted into substances that are harmless to aquaculture fish.
- ◆ Separate most of the organic matter in the water before it is decomposed into NH_3/NH_4 and other harmful substances for farmed fish.

Recirculating aquaculture system schematic structure diagram

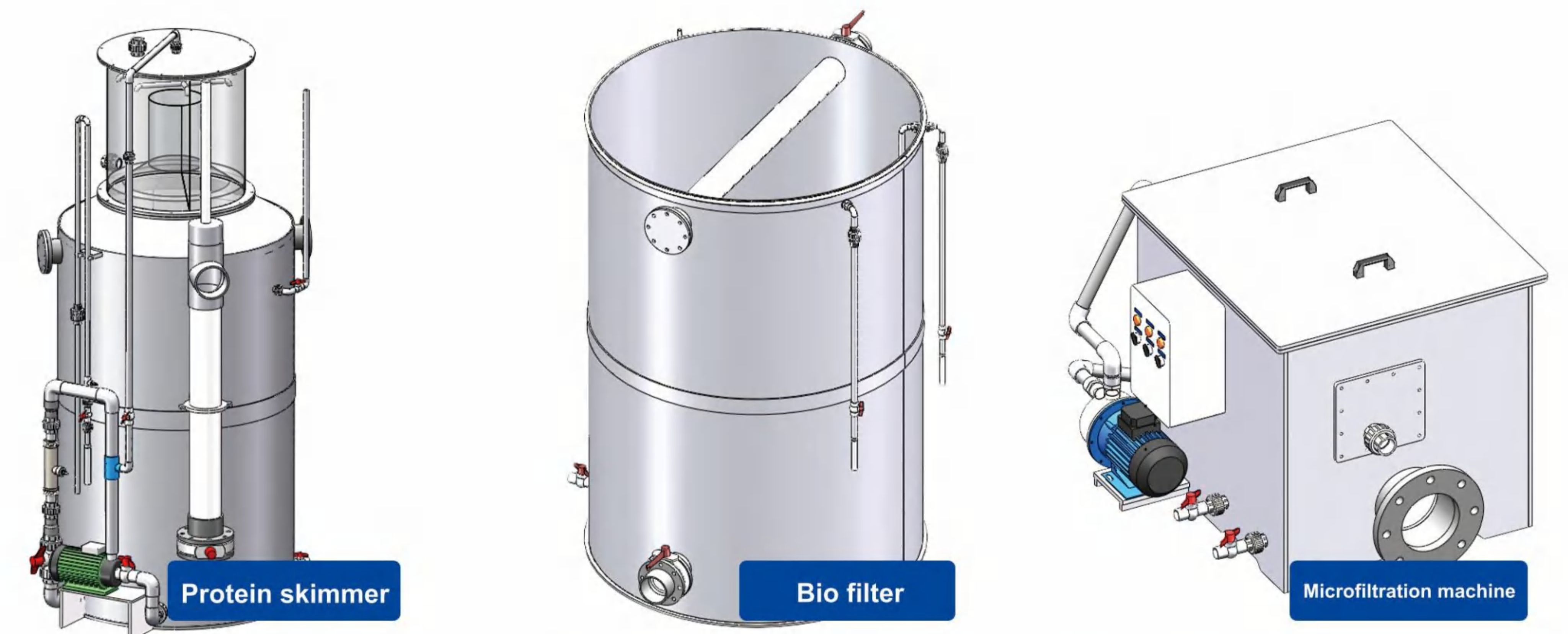


Development of QiLi recirculating aquaculture system

Guangzhou Qili QLOZONE has entered the research, development and construction of RAS (recirculating aquaculture systems). With the joint efforts of a professional technical team led by a senior engineer and a first-class operation and management team, the construction of our own RAS was successfully completed. At the same time, due to outstanding technology and first-class quality, we have provided professional system equipment and processing and operation services for more than ten RAS projects, accumulated rich experience in industry operation and management, and made a solid and powerful step in the indoor breeding industry. We QLOZONE will continue to forge ahead and provide customers with professional, efficient and all-round services and support.

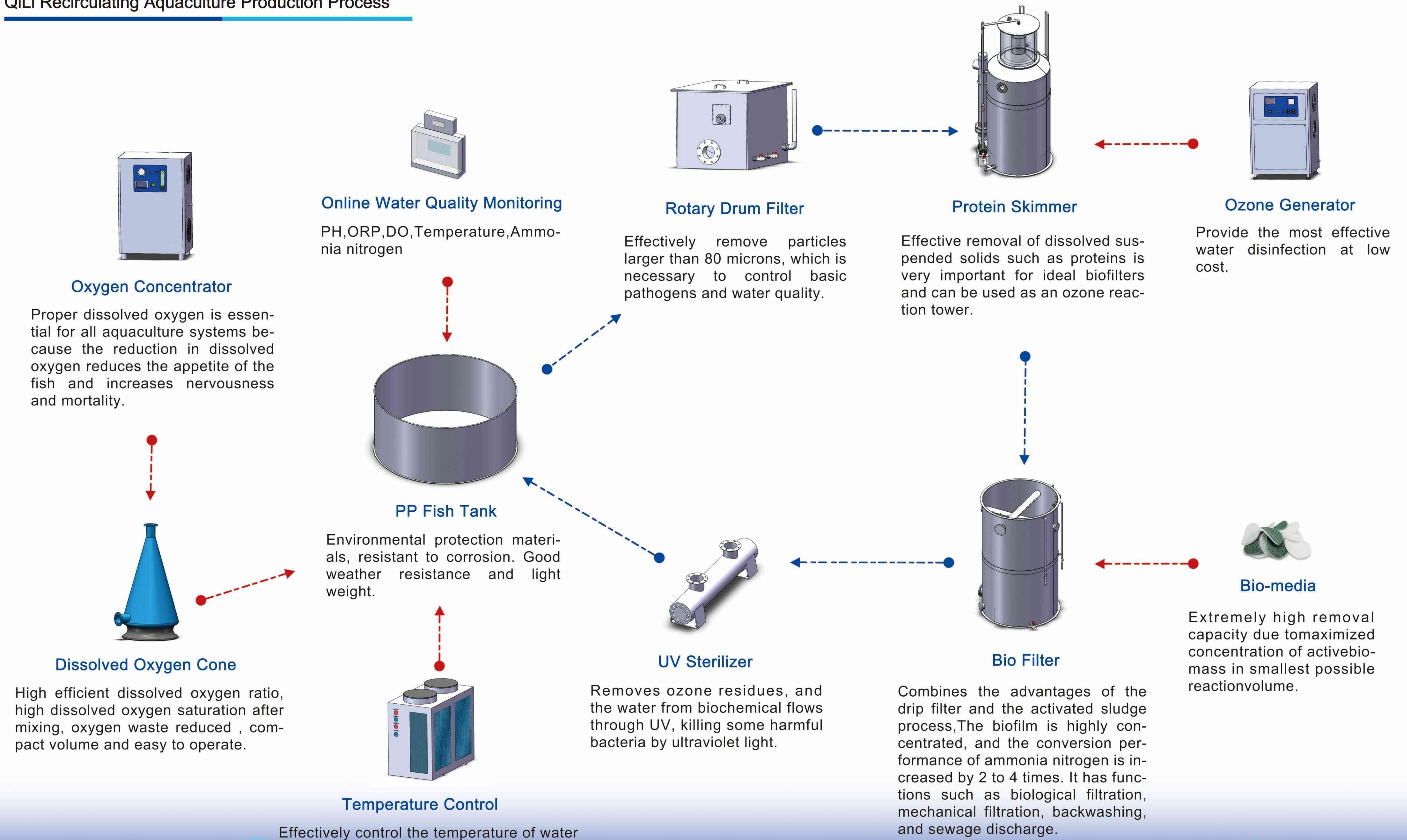


QiLi recirculating aquaculture system equipment



PP fish tank

QiLi Recirculating Aquaculture Production Process



Raw Water Treatment System

- It ensures the safe use of aquaculture water. It effectively kills all kinds of harmful bacteria, viruses and algae in the water source. It avoids the use of chemical drugs. Its disinfection capacity is 2.7 times that of chlorine dioxide and water treatment time is 20 times faster than chlorine dioxide.
- It effectively removes harmful substances such as protein, ammonia nitrogen, non-ionic ammonia, nitrite, nitrate and suspended solids in raw water with high efficiency and low energy consumption.
- It has fully automatic control of equipment, remote alarm for faults. It has small footprint and is simple to operate and easy to maintain.
- It is applicable to pre-water treatment in aquaculture water, hydration in a factory-circulating aquaculture system, seedlings for fish, shrimp, sea cucumber, water for standard and coarse water, water for high-level ponds, white shrimp culture, etc.

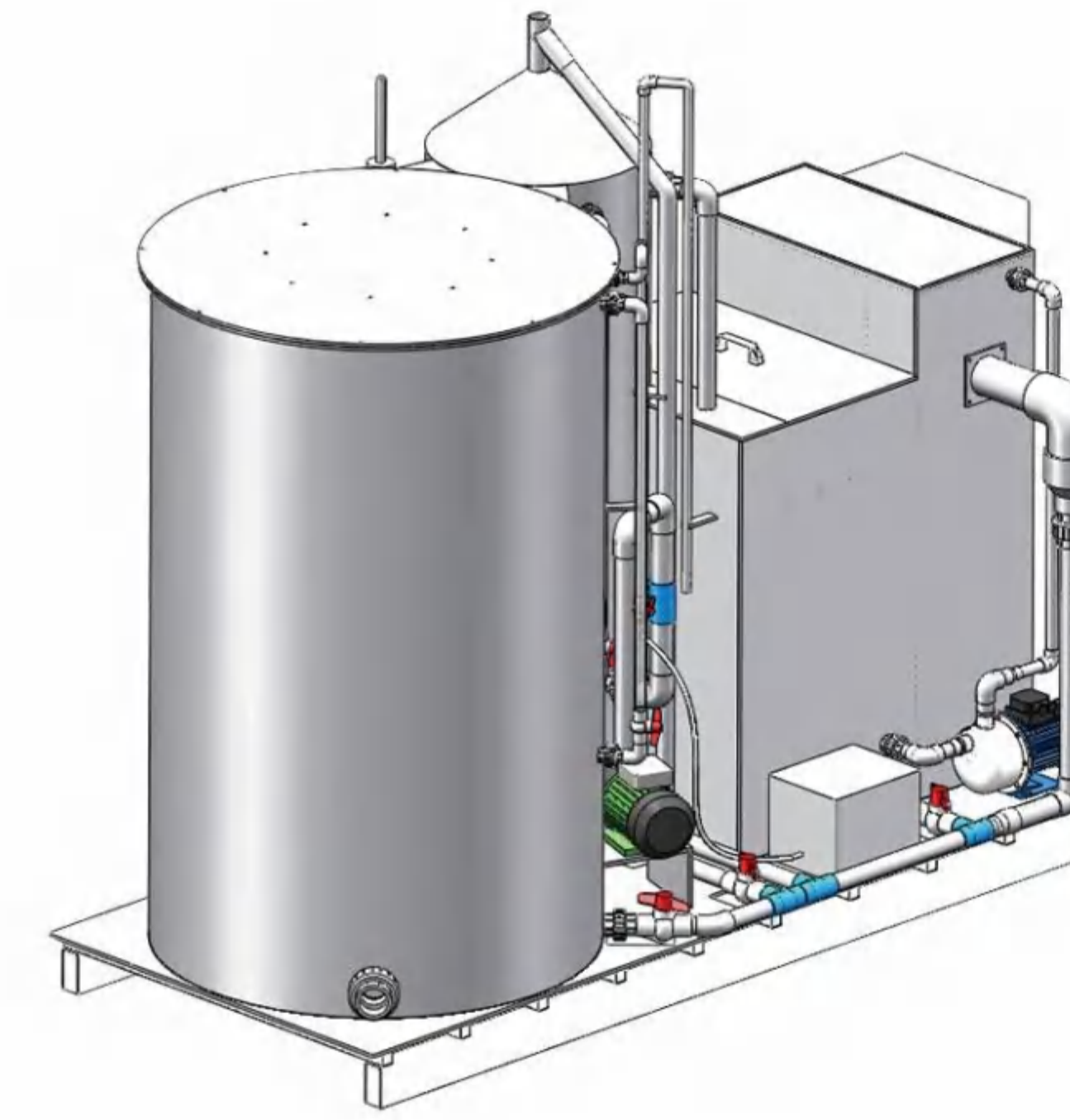


Technical Parameters

Model	Volume Of Water Treated(m ³ /d)	Number Of People	Number Of Equipment	Floor Space	Single Unit Size	Power
QL-MBBR30	20-30	200-300	1	10m ²	Φ2500*4000mm	0.42kw
QL-MBBR50	40-50	400-500	1	15m ²	Φ2500*6000mm	0.67kw
QL-MBBR100	90-100	900-1000	1	27m ²	Φ3000*9000mm	1.81kw
QL-MBBR300	200-300	2000-3000	2	75m ²	Φ3000*12000mm	2.87kw

Aquaponics System

QLOZONE integrated recirculating aquaculture equipment. Integrating rotary drum filter, sedimentation, UV sterilizer, protein skimmer, biofilter+media, backwashing pump, circulating water pump, and electric control cabinet. With exquisite design and simple installation, only need to be plugged in and connected to the water then to directly use. The system can effectively filter residual bait and fish manure in the water, degrade ammonia nitrogen and nitrite, and is equipped with automatic backwashing and dirt collection, which can quickly clean and discharge.



Product Features

- All in one design, space saving, built-in electric control cabinet. Only need to plug in and connect to the water then to use, easy to install.
- Thickened PP material, long service life.
- Equipped with biochemical filler can use for more than ten years, quickly and effectively reduce the content of ammonia nitrogen and decompose nitrite and other harmful substances.
- Built in two-stage sedimentation, can effectively stabilize the water pressure and filter impurities.

Technical Parameters

Model	Size(mm)	Backwash Pump Power	Water Pump Power	Air Pump Power	Circulating Pump Power	Breeding Temperature	Max breeding density	Treated water volume
QL-10D	2200*1000*1750	1000W	370W	95W	50W	22-30°C /71.6-86°F	150kg	10m ³ /h
QL-20D	2600*1300*1800		370W	130W	60W		300kg	20m ³ /h
QL-30D	3000*1550*1900		370W	160W	65W		450kg	30m ³ /h

PP Combi Drum Filter



Product Features

- ◆ The Koi system is combined of a rotary drum filter, biochemical filter, UV lamp, backwash system, and an electric control box.
- ◆ With automatic, stop and manual working modes. In the automatic working mode, it will auto sense whether the screen is blocked and will automatically backwashing. At the same time, the back-washing time can be set according to timer.
- ◆ The screen is made of high-quality and unique 316L stainless steel screen, which has low resistance, strong water passing ability, and zero energy consumption when the screen is not blocked.
- ◆ PP material is environment-friendly, non-toxic and corrosion-resistant, and is used to separate impurities in water.
- ◆ The dirt collection tank has an inclined angle for quick sewage discharge.

Technical Parameters

Model	QL-YCM-01	QL-YCM-02	QL-YCM-03	QL-YCM-04	QL-YCM-05	QL-YCM-06
Processing MAX flow	15m ³ /H	18m ³ /h	23m ³ /h	27m ³ /h	32m ³ /h	37m ³ /h
Roller Diameter	43cm	45cm	48cm	50cm	52cm	54cm
Roller Length	30cm	36cm	42cm	48cm	54cm	60cm
Box Size	120*62*75cm	130*65*75cm	140*68*75cm	150*71*76cm	160*73*78cm	180*80*82cm
Inlet Size	7.5cm	7.5cm	11cm	11cm	11cm*2	11cm*2
Outlet Size	11cm	11cm	11cm*2	11cm*2	11cm*3	11cm*3
Backwash Water Pump Power	1Kw	1Kw	1Kw	1Kw	1Kw	1Kw
Reducer Power	15w	15w	15w	15w	15w	15w

Stainless Steel Combi Biological Filter



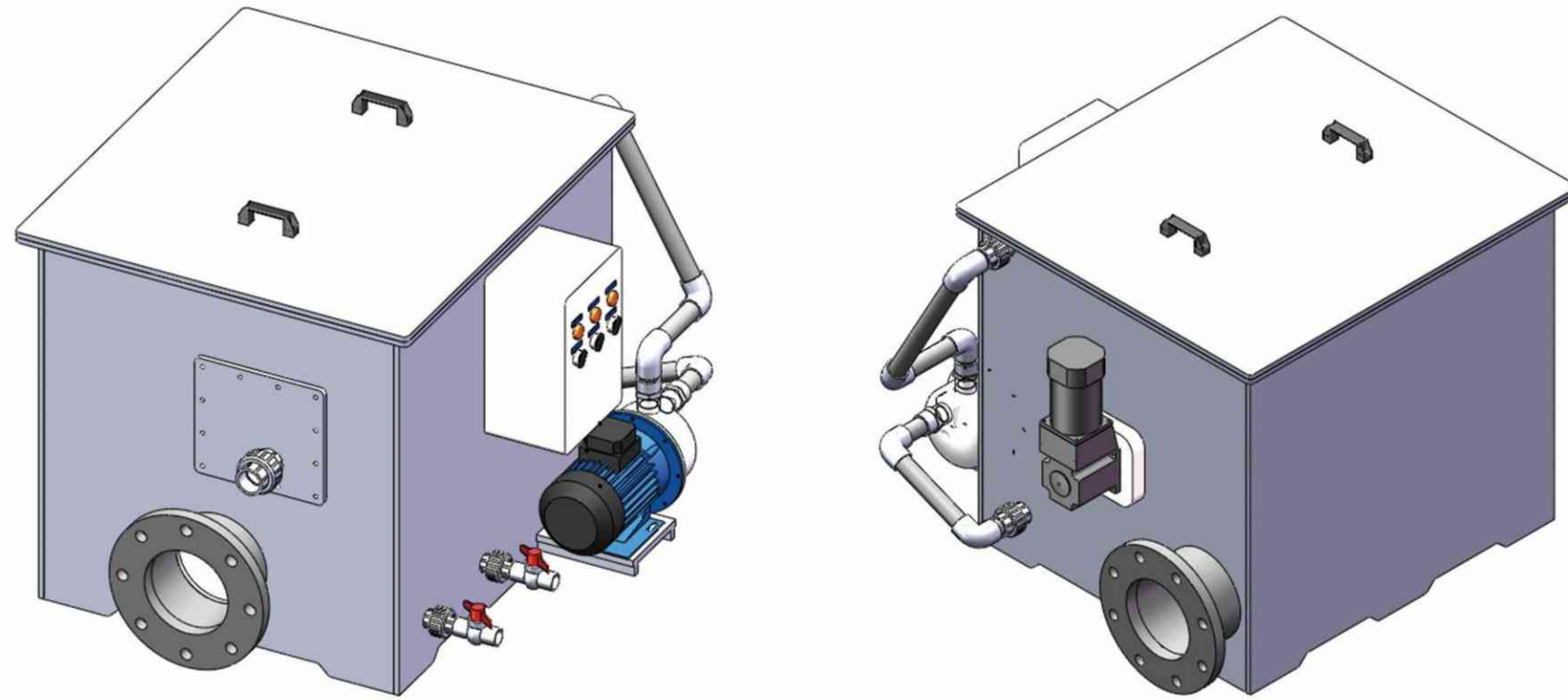
Product Features

- ◆ Koi system brush type, combined biochemical filter system, UV sterilization system, electric control box.
- ◆ S-shaped flow channel, fully filter impurities in water.
- ◆ Stainless steel material is non-toxic and more lighter.
- ◆ The dirt collection tank has an inclined angle for quick sewage discharge.
- ◆ High efficiency and low energy consumption.

Technical Parameters

Model	QL-YC-01	QL-YC-02	QL-YC-03	QL-YC-04	QL-YC-05
Suitable Water Volume	0m ³ -10m ³	10m ³ -20m ³	20m ³ -30m ³	30m ³ -40m ³	40m ³ -50m ³
Large Flow	5m ³ /h	7m ³ /h	10m ³ /h	12m ³ /h	14m ³ /h
Power Cord Length	5m	5m	5m	5m	5m
Box Size	60*40*40cm	70*45*40cm	80*50*40cm	90*55*40cm	100*60*40cm
Inlet Size	20/25/32/38mm	20/25/32/38mm	20/25/32/38mm	20/25/32/38mm	20/25/32/38mm
Outlet Size	5cm	5cm	5cm	75cm	75cm
Pump Power	30w	50w	80w	100w	120w

Rotary Drum Filter



Product Features

- Rotary Drum Filter is a filter of solid-liquid separation in seawater and freshwater aquaculture. It can widely use in various occasions that need solid-liquid separation.
- Multiple working modes: Auto, Stop and Manual. When in Auto working mode, it can automatic turn on and of backwashing system. It also can base on mesh's blocking situation to set the backwashing time with timer.
- Use high quality and special woven 316L stainless steel mesh, small aperture, strong flow capacity.
- Outer shell made of high quality PP material, strong corrosion-resistance and durable.
- Internal dump tank designed in tilted, flushing sewage can flow out easy.

Technical Parameters

Model	QL-PM30	QL-PM60	QL-PM100	QL-PM120	QL-PM150
Processing MAX Flow	30m ³ /h	60m ³ /h	100m ³ /h	120m ³ /h	150m ³ /h
Roller Diameter	0.5m	0.7m	0.91m	0.91m	1.03m
Roller Length	0.52m	0.75m	0.9m	1.1m	1.3m
Box Size	1.1m*0.9m*0.9m	1.4m*1.1m*1m	1.8m*1.2m*1.1m	2.1m*1.2m*1.1m	2.3m*1.4m*1.2m
Inlet Size	0.16m	0.2m	0.2m	0.25m	0.25m
Outlet Size	0.16m	0.2m	0.2m	0.25m	0.25m
Backwash Water Pump Power	0.75Kw	0.75Kw	1.1Kw	1.1Kw	1.1Kw
Reducer Power	0.18Kw	0.37Kw	0.55Kw	0.55Kw	0.55Kw

Stainless Steel Rotary Drum Filter



Product Features

- Adopt 361L Stainless, resistance corrosion, Environmental food grade standard material. With long service life.
- Newly structure design, Energy saving, Water saving.
- With Automatic control electric cabinet, easy operate and maintain. Has kinds of Automatic working, Power Stop and Manual working model etc.

Technical Parameters

Model	QL-PM10T-S	QL-PM30T-S	QL-PM50T-S	QL-PM80T-S	QL-PM100T-S	QL-PM150T-S
Size(cm)	82*40*55	98*56*65	120*61*75	145*75*85	160*85*95	150*148*85
Filtration Accuracy	75μm	75μm	75μm	75μm	75μm	75μm
Motor Power	25W	40W	40W	60W	90W	60W*2
Pump Power	370W	550W	550W	750W	750W	750W*2
Inlet Size(cm)	5	7.5*2	5*4	7.5*4	7.5*4	7.5*8
Outlet Size(cm)	7.5*2	7.5*3	7.5*4	11*4	11*4	11*8
Discharge Port(cm)	5	5	5	7.5	7.5	7.5*2

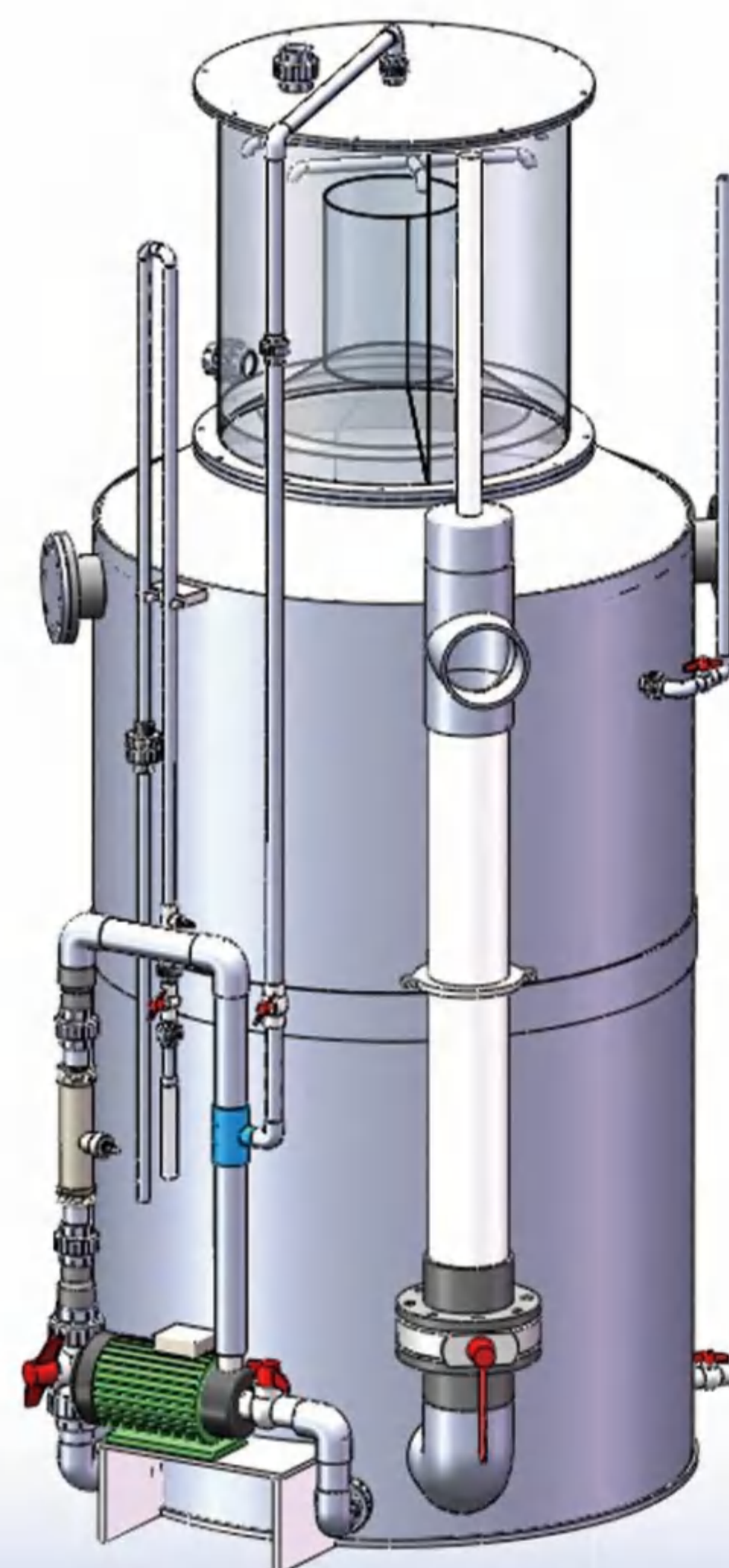
Protein Skimmer

Product Overview

The protein skimmer utilizes the surface of the bubble in the water to absorb various granular impurities and soluble organic matter mixed in the water, and uses a venturi to generate a large number of bubbles, and purifies the seawater through a protein skimmer, all of which are concentrated on the water surface. The foam is formed, and the absorbed foam is collected in a container on the surface of the water, and it is turned into a turbid liquid to be discharged.

Product Features

- ◆ Protein Skimmer will be remove fish feces , feeds and other organics before they are changed into ammonification , to avoid them become poisonous substances . Also it will remove humic substances and organic acid increase water clarity and make the PH value stable.
- ◆ There has emptying outlet on the bottom, so can drain all the water away when not use the equipment, to avoid grow germs.
- ◆ It has the function of Ozone reaction tower. Inject zone to disinfect, sterilize and remove algae and improve the protein separation effect at the same time.
- ◆ The foam is collected by a foam collection cup and then drained by a backwashing device,It is environmentally friendly and practical.



Technical Parameters

Model	Size(mm)	MAX Processing Capacity	Power	Remarks
QL-DF-15	Φ600*2850	15m³/h	0.9Kw	Including Venturi injector injection pump
QL-DF-20	Φ700*2850	20m³/h	1.1Kw	
QL-DF-30	Φ850*2850	30m³/h	1.5Kw	
QL-DF-50	Φ1000*3500	50m³/h	1.85Kw	
QL-DF-60	Φ1200*3000	60m³/h	1.85Kw	
QL-DF-80	Φ1200*3500	80m³/h	2.2Kw	
QL-DF-100	Φ1430*3300	100m³/h	3Kw	
QL-DF-120	Φ1500*3500	120m³/h	3.7Kw	
QL-DF-150	Φ1650*3500	150m³/h	4.4Kw	
QL-DF-200	Φ2000*3500	200m³/h	6.6Kw	

Bio Filter

The biological filter efficiently removes ammonia nitrogen, organic matter and SS in the sewage through the biooxidation and bioflocculation of the microbial population in the reactor, the adsorption and retention filtration of the filler, and the food chain grading and predation of the microbial ecosystem.

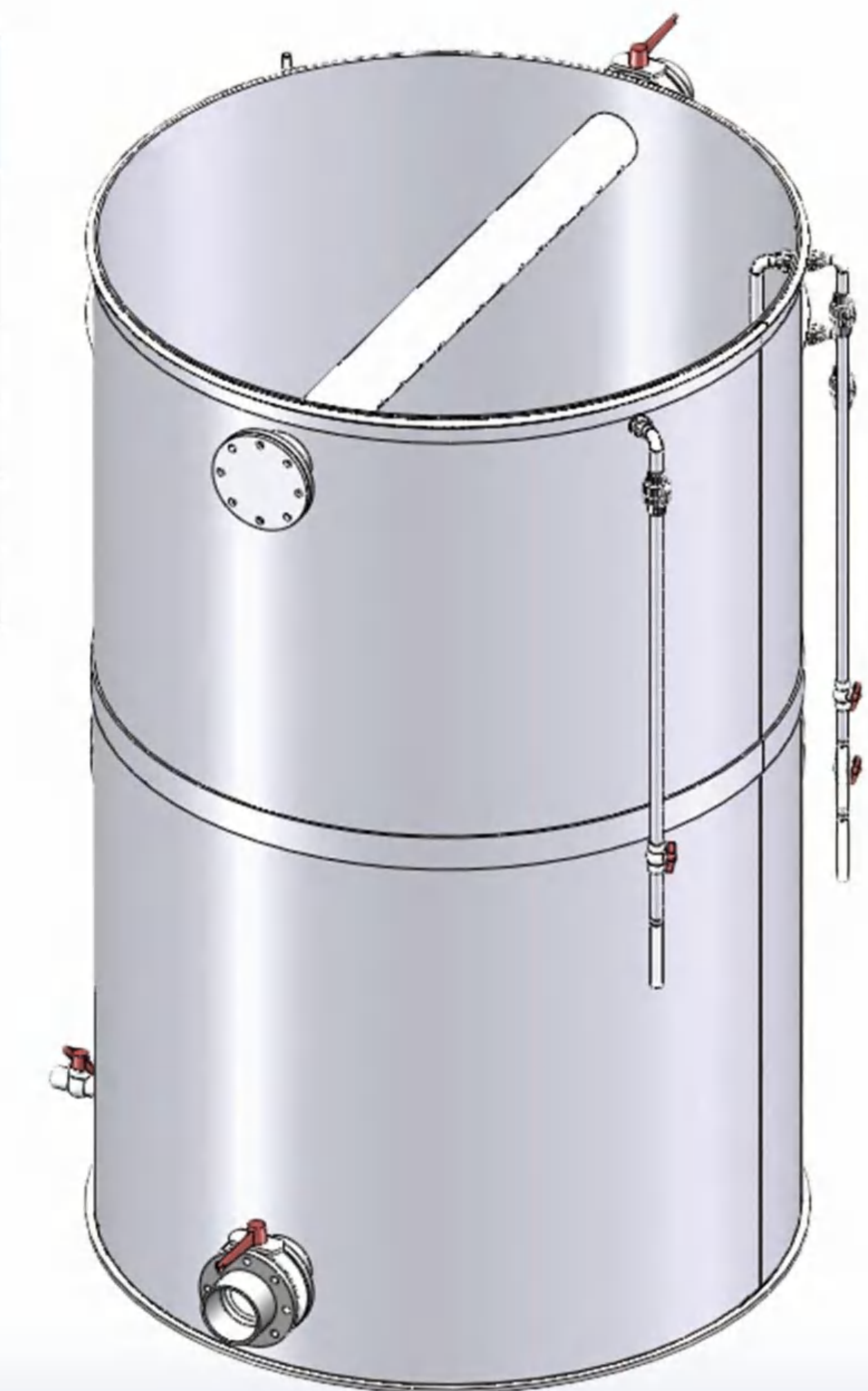
The microorganisms in the biological filter are fixedly grown, the microorganisms obtain a long residence time in the reactor, and the nitrosating bacteria and the nitrifying bacteria have sufficient time for accumulation to achieve a good removal effect on the ammonia nitrogen.

Product Features

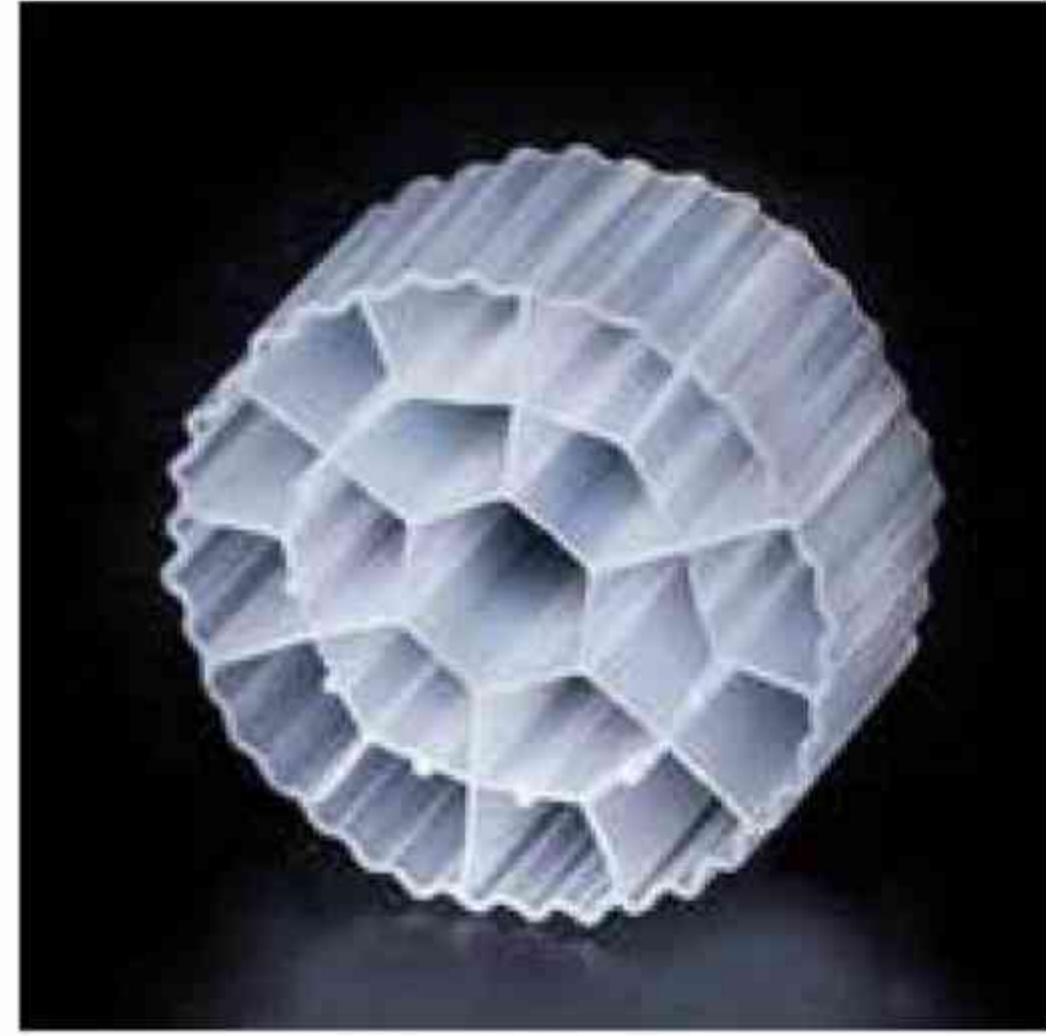
- ◆ Remove ammonia nitrogen, nitrous acid, nitrate, cyanogen sulfide and other harmful substances in the aquaculture sewage, and purify water quality by concentrating the advantages of trickling filter and activated sludge method. The rate can be increased by 2~4 times.
- ◆ It has dual functions of biological filtration and mechanical filtration, and also has the functions of back cleaning, large particle sewage discharge, bottom emptying, etc. It is easy to operate and maintain.
- ◆ Compared with other types of biological filters, it has a smaller volume ratio and occupies less area. Designed for factory recirculating aquaculture systems.

Technical Parameters

Model	Size(mm)	Flow(m³/h)	Inlet(mm/in)	Outlet(mm/in)
QL-BFF10	Φ1000*2450	10	Φ90(3")	Φ90(3")
QL-BFF20	Φ1400*2550	20	Φ110(4")	Φ110(4")
QL-BFF30	Φ1700*2650	30	Φ110(4")	Φ110(4")
QL-BFF40	Φ2060*2700	40	Φ160(6")	Φ160(6")
QL-BFF50	Φ2160*2750	50	Φ160(6")	Φ160(6")
QL-BFF60	Φ2260*2800	60	Φ160(6")	Φ160(6")

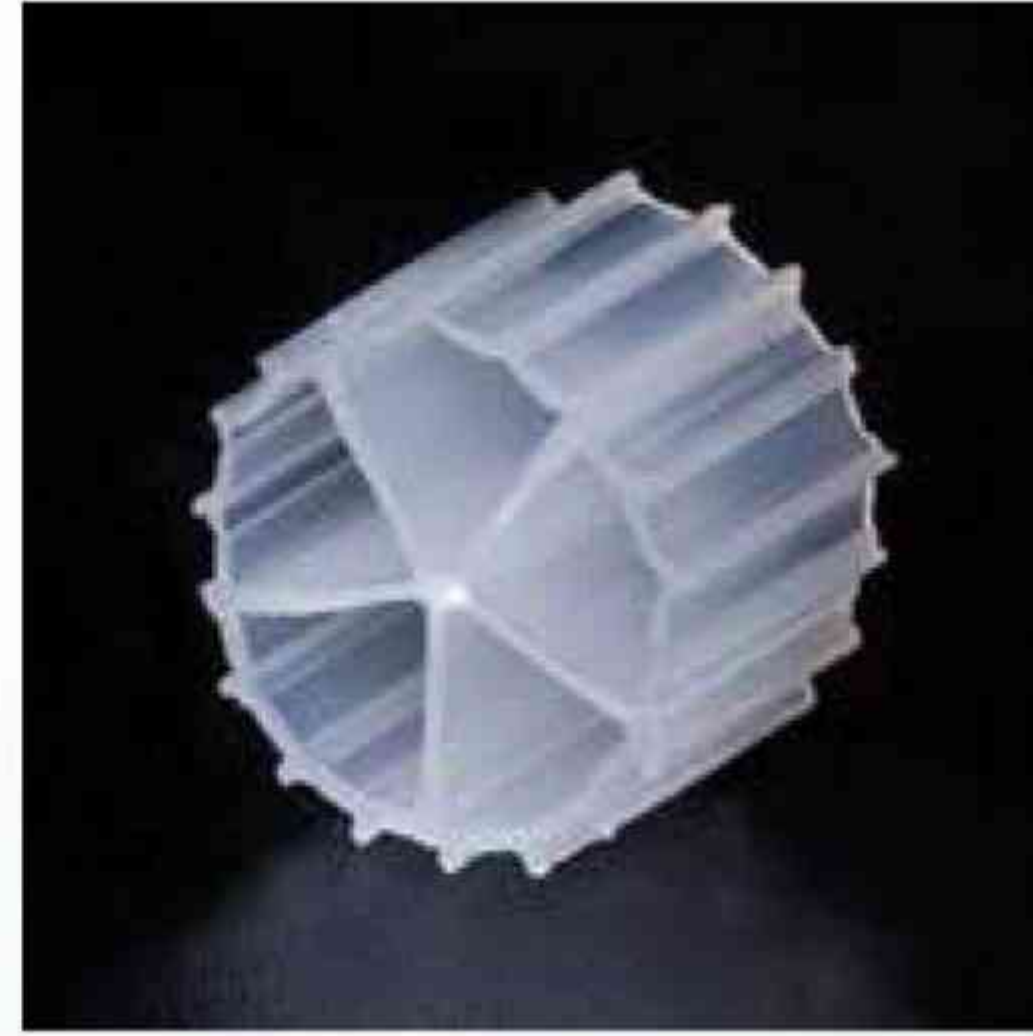


Bio-media



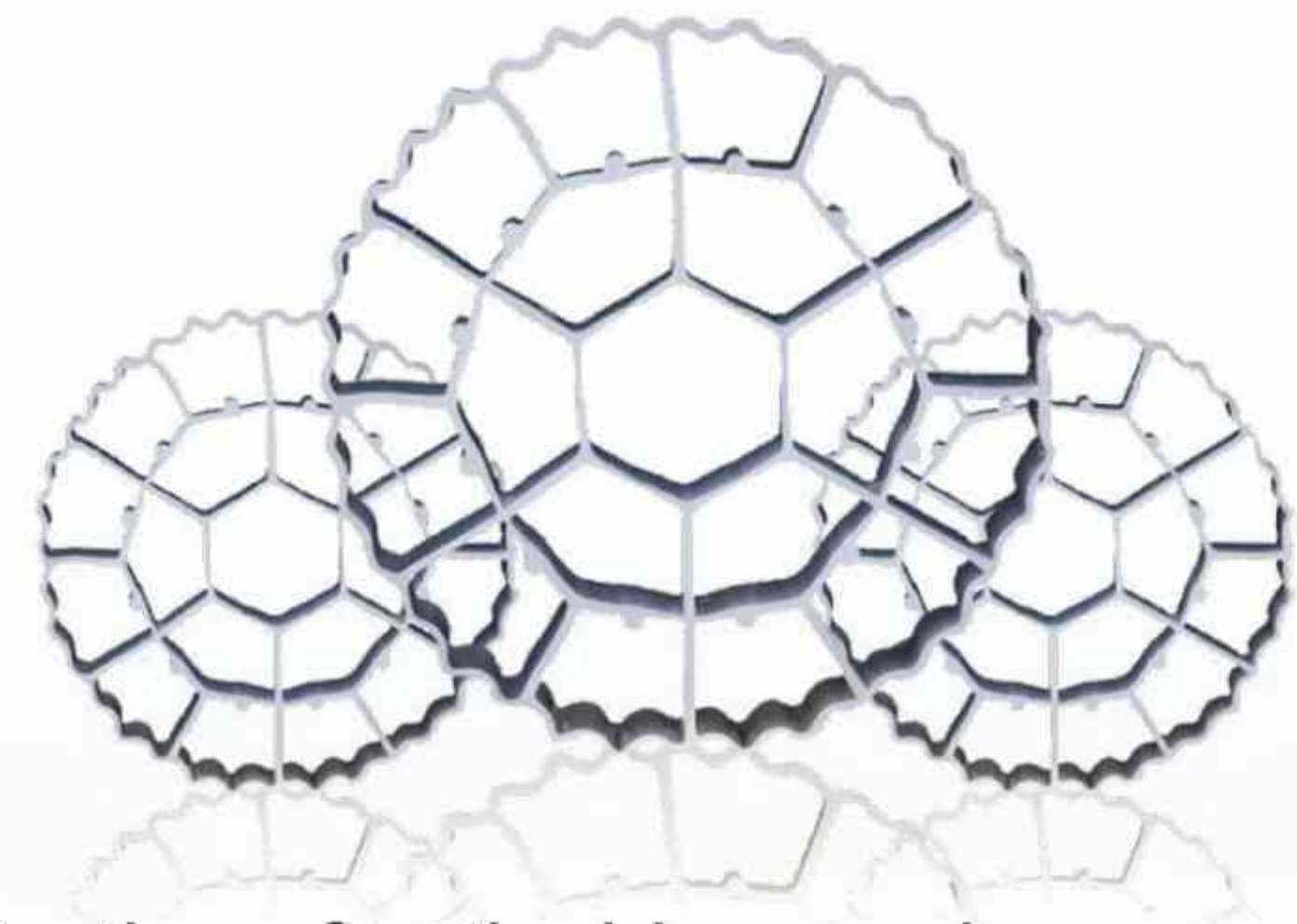
Model	Size(mm)
PE-05	Φ25*10

Suspended Bio-Media



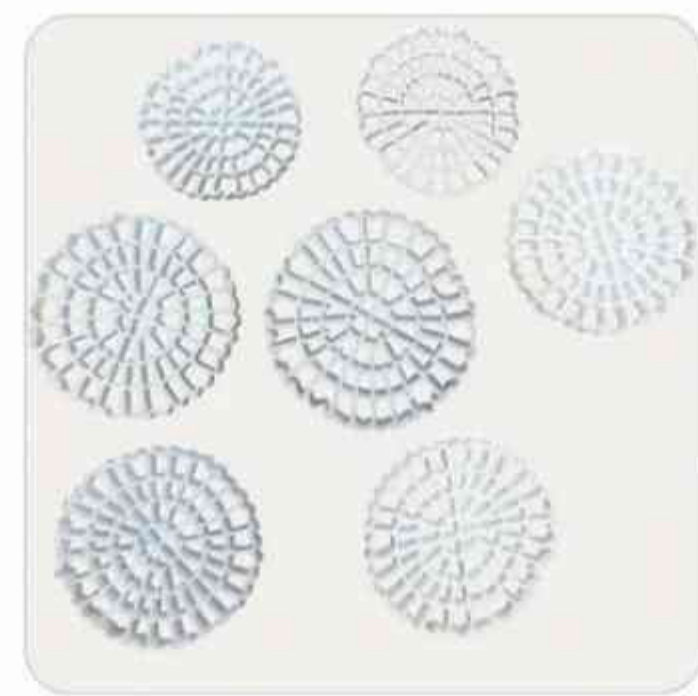
Model	Size(mm)
PE-03	Φ10*7

Suspended Bio-Media



Product Features

- Outer diameter 30 mm
- Extremely high removal capacity due to maximized concentration of active biomass in smallest possible reaction volume
- Optimal diffusion of substrate and O into the entire biomass due to controlled biofilms thanks to self-cleaning effect caused by shear forces
- Perfectly suitable for the operation with blocking-resistant and large-perforated retention screens (perforation O 20 mm)
- Sturdy outer ring for protection from mechanical impacts



PP Plastic Fish Pond



Custom Sizes Available

- Designed for industrial recirculating aquaculture system, hatching and breeding, broodstock, broodstock, adult fish.
- Adopt high molecular engineering plastics, which are environmentally friendly and non-toxic, smooth surface, aging resistance and long service life.
- Breeding Conical bottom design, more convenient for the collection and discharge of aquaculture waste.
- Fish pond inlet and outlet are easy to connect, easy to operate, easy to install.
- Anti-leakage, corrosion-resistant, anti-cracking, high strength.

FRP Fish Tank



- Large capacity, large load-bearing capacity, one-piece molding, light weight, corrosion-resistant, sun screen and wear-resistant.
- Tough texture, impact resistance, water pressure resistance strength.
- Low cost of installation and maintenance, easy handling, simple installation, maintenance-free exterior, smooth and stain-free interior, easy to clean.
- Long service life, no pollution to water quality and no harm to fry of any size.

Model	Diameter(cm)	Height(cm)	Thickness	Weight	Bottom Shape
QL-FRA-100	100	120	4.5mm	50kg	Flat/Cone
QL-FRA-150	150	145	5mm	90kg	Flat/Cone
QL-FRA-200	200	145	6mm	170kg	Flat/Cone
QL-FRA-500	500	145	10mm	950kg	Flat/Cone

Ozone Generator

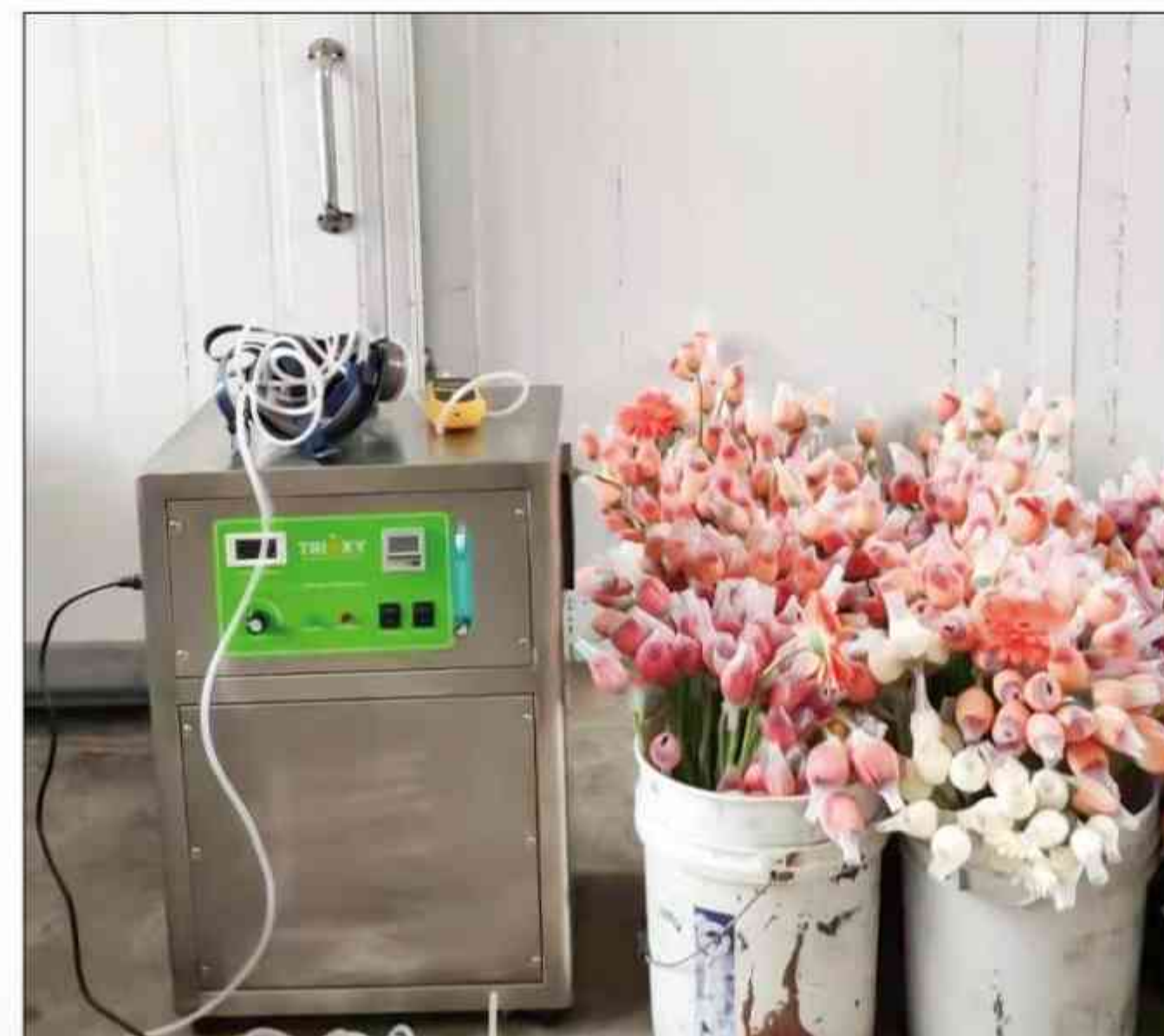


Product Features

- ◆ With ozone concentration adjustment function
- ◆ The body is made of 304 stainless steel, anti-corrosion and anti-oxidation
- ◆ Used with protein skimmer to sterilize, disinfect, deodorize and remove heavy metal ions and harmful gases in water
- ◆ Increase dissolved oxygen in water to stabilize water quality

Technical Parameters

Model	Ozone Output	Power	Ozone Concentration	Aplicable Water Quantity	Dimension	NG/GW	Cooling Water Flow	Oxygen Flow Rate	Pressure	Voltage	Cooling Way	Gas Feeding
QLO-10G	10G	510W	60-80mg/L	1~3m³/h	50*40*73cm	32/44.4kg	/	2-3L	0.03-0.05	220V/ 50Hz	Air Cooling	Oxygen source
QLO-20G	20G	730W	60-80mg/L	5~10m³/h	50*40*91cm	42.4/51kg	1.5-1.8m²/h	4L	0.03-0.05			
QLO-30G	30G	750W	60-80mg/L	10~15m³/h	50*40*91cm	44.4/53kg	1.5-1.8m²/h	6L	0.03-0.05		Water-cooling	
QLO-50G	50G	945W	80-120mg/L	20~30m³/h	50*40*115cm	52/65kg	1.5-1.8m²/h	10L	0.05-0.06			
QLO-100G	100G	1900W	80-120mg/L	50~70m³/h	50*40*160cm	86/107kg	1.8-2m²/h	20L	0.05-0.06			



Stainless Steel UV Sterilizer



High-power ultraviolet sterilizer



Ultraviolet sterilizer
(sound and light alarm)

Technical Parameters

Model	Material	Lamp Power	Voltage	Lamp Amount	Size(cm)	Applicable Water Volume	MAX Caliber
QL-UVC-120	#304/316	120W	110V/240V	1	120*8.9	6-12m³/H	DN65
QL-UVC-240	#304/316	240W	110V/240V	2	120*10.8	14-24m³/H	DN80
QL-UVC-360	#304/316	360W	110V/240V	3	120*13.3	26-36m³/H	DN100
QL-UVC-480	#304/316	480W	110V/240V	4	120*13.3	38-48m³/H	DN100
QL-UVC-600	#304/316	600W	110V/240V	5	120*15.9	50-60m³/H	DN125
QL-UVC-720	#304/316	720W	110V/240V	6	120*21.9	62-72m³/H	DN150
QL-UVC-840	#304/316	840W	110V/240V	7	120*21.9	74-84m³/H	DN150
QL-UVC-960	#304/316	960W	110V/240V	8	120*21.9	86-96m³/H	DN150
QL-UVC-1080	#304/316	1080W	110V/240V	9	120*27.3	98-108m³/H	DN200
QL-UVC-1200	#304/316	1200W	110V/240V	10	120*27.3	110-120m³/H	DN200
QL-UVC-1320	#304/316	1320W	110V/240V	11	120*27.3	122-132m³/H	DN200
QL-UVC-1440	#304/316	1440W	110V/240V	12	120*27.3	134-144m³/H	DN200

Water Quality Monitor

Wall-mounted Multi-parameter QL-6099

Product Overview

Wall-mounted multi-parameter QL-6099, optional aquaculture conventional detection parameters sensors, including temperature / PH / dissolved oxygen / ORP / ammonia nitrogen /, to achieve the function of simultaneous online monitoring. QL-6099 multi-parameter controller with data storage function, designed for aquaculture water testing. Easy to install, wall mountable. Probe can be input installation.



Appearance And Size

- ◆ Wall-mounted multi-parameter meter with plastic housing and transparent top cover.
- ◆ Appearance size: 320MMX270MMX121MM, waterproof grade IP65
- ◆ Display: 7 inch touch screen.

Technical Parameters

System Model	QL-6099
PH	0-14.00PH,Resolution:0.01PH,Precision:±1%FS
ORP	-1999~1999mV,Resolution1mV,Precision:±2%FS
Dissolved Oxygen	0~20mg/L,Resolution0.01mg/L,Precision:±2%FS
Ammonia Nitrogen	0-1000mg,Resolution 0.1mg/L
Temperature	0-100°C,Resolution:0.1°C,Precision:±0.5°C

Note: This meter can be connected to a single electrode, or to multiple electrodes, generally no more than six, and the electrodes are generally input type installation.

Multi-parameter Water Quality Online Analyzer



Model	QL-2099
Measurement	PH/ORP/Dissolved oxygen/Temperature/Ammonia Nitrogen
PH	0-14.00PH,Resolution:0.01PH,Accuracy:±1%FS
ORP	0-5.00mg/L,Resolution:0.01mg/L,Accuracy:±3%FS
Dissolved Oxygen	0~20mg/L,Resolution:0.01mg/L,Accuracy:±2%FS
Temperature	0-100°C,Resolution:0.1°C,Accuracy:±0.5°C
Ammonia Nitrogen	0-1000mg,Resolution:0.1mg/L
Working Power	AC 220V±10%
Working Environment	Temperature:0-50°C
Storage Environment	Relative Humidity:≤85% RH(Non-condensing)
Size	1200mmx480mmx460mm

Online Ozone Analyzer



Model	QL-O3-2059
Measurement	0-20.00mg/L(ppm),0~60°C
Resolution	0.01mg/L,0.1°C
Accuracy	±1% or ±0.01mg/L,±0.5°C
Operating Voltage	220VAC,10%,50/60Hz



Portable Ozone Tester

Model: DOZ-30
 Measurement: 0.00~10.00mg/L
 Working temperature: 0.0~60°C
 Power supply: 1x1.5V AAABattery



Portable Dissolved Oxygen Meter

Model: QL-1703
 Measurement: 0.00~19.99mg/L
 Working temperature: 0.0~60°C
 Power supply: 4xAAA/LR6

Oxygen Concentrator

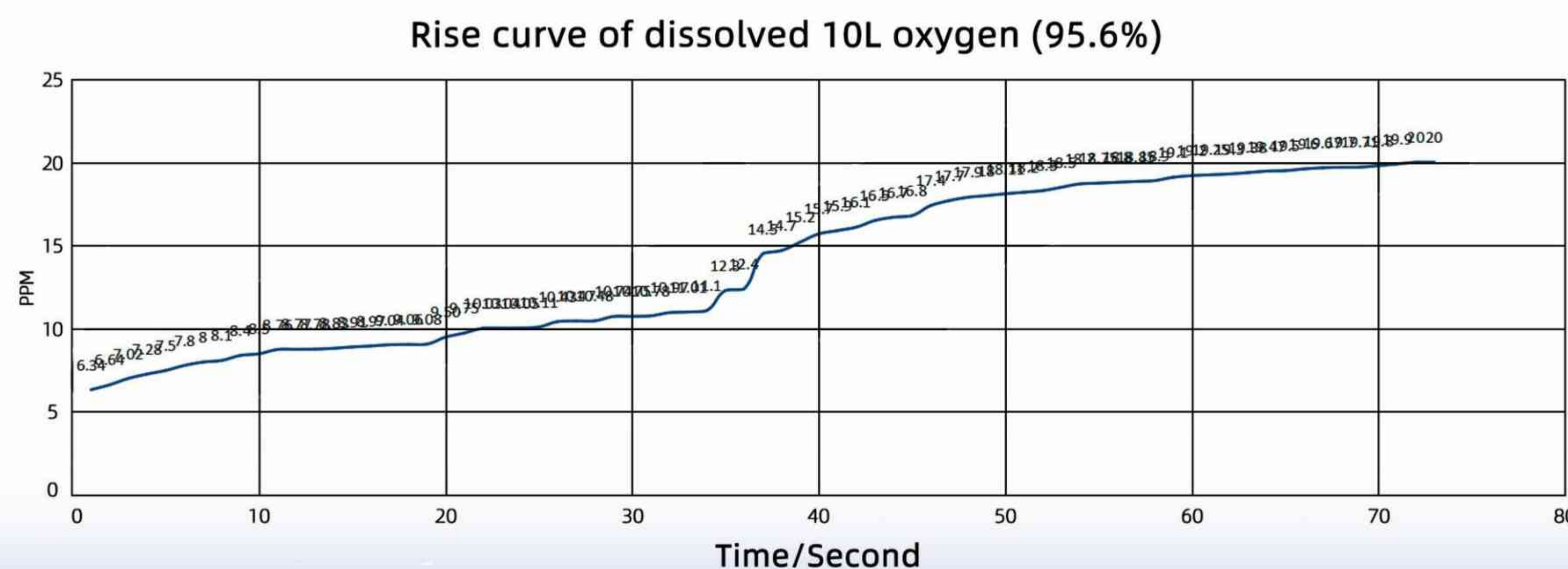


- ◆ Stable oxygen output, high concentration
- ◆ Improve dissolved oxygen concentration in aquaculture water
- ◆ Ensure dissolved oxygen concentration in high-density aquaculture water
- ◆ High oxygen output pressure, aeration

Technical Parameters

Model	Oxygen Output	Power	Air Inlet Flow Rate	NG/GW	Dimension(cm)
QLY-3L	3LPM	300W	45LPM	17kg/24.3kg	40*30*57
QLY-5L	5LPM	450W	75LPM	23kg/33kg	42*30*62
QLY-8L	8LPM	600W	105LPM	26kg/33kg	42*30*62
QLY-10L	10LPM	650W	105LPM	26kg/33kg	42*30*62

Dissolved Oxygen Curve



Oxygen Cone



- ◆ Oxygen cone, also known as oxygen cone, is suitable for aquaculture, especially for high-density industrial aquaculture.
- ◆ It is made of high quality FRP composite polyester material. It has good chemical corrosion resistance, sunscreen and ultraviolet protection performance.
- ◆ The appearance is made by winding and reinforcing technology, which is strong and safe.
- ◆ Oxygen cone is one of the main techniques used in industrial aquaculture to control dissolved oxygen in aquaculture water.
- ◆ It has high dissolved oxygen efficiency, high dissolved oxygen saturation after mixing, less waste of oxygen, compact volume and easy operation.

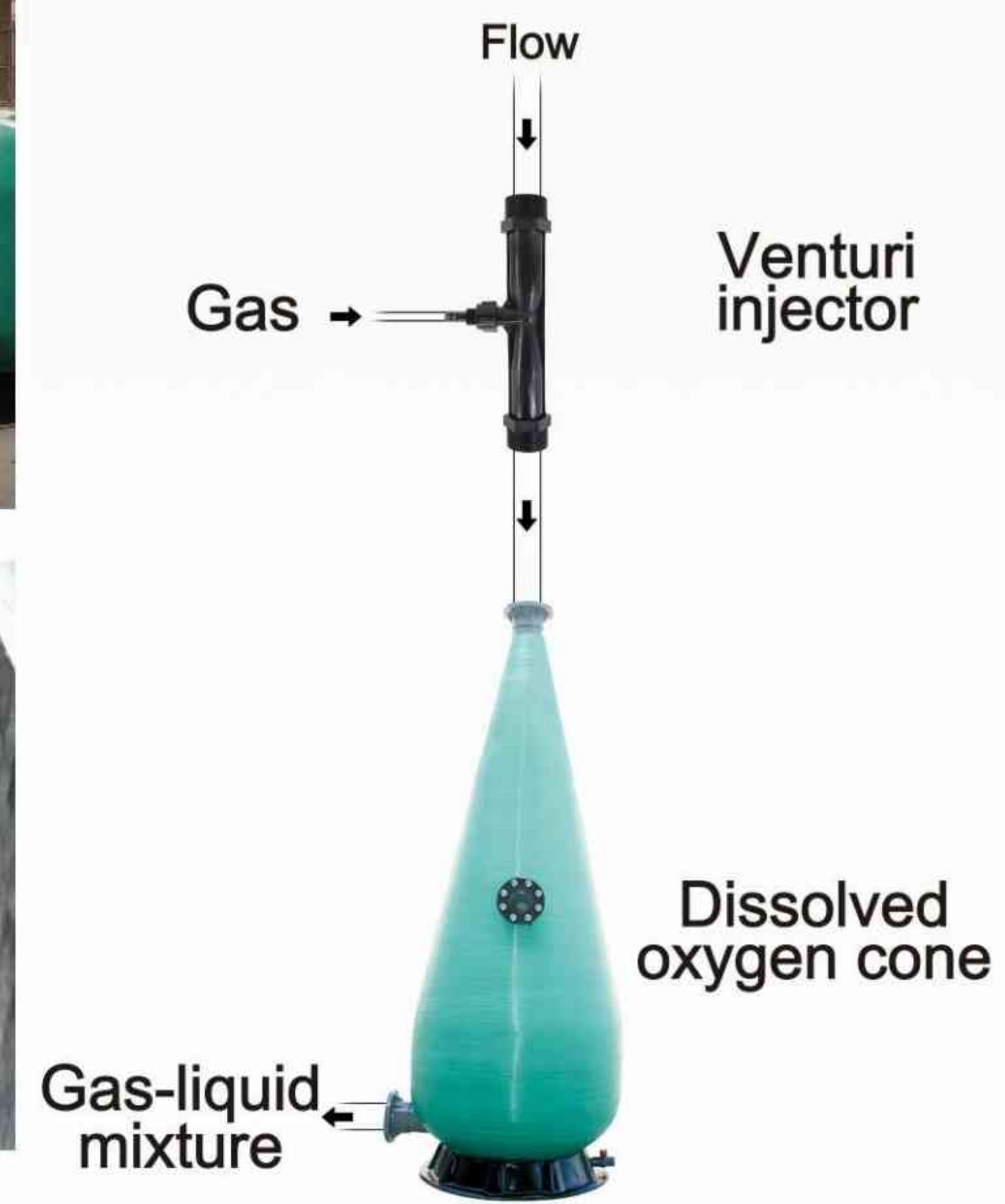
Technical Parameters

Model	Size	Height	Inlet/Outlet(mm)	Max Flow	Air Pressure	20°C Rate	Concentration
QL4010	∅ 400mm	1050mm	2"/63Flange	8T/H	20PSI	1kg/h	65mg/L
QL4013	∅ 400mm	1300mm	2"/63Flange	10T/H	20PSI	1kg/h	65mg/L
QL5012	∅ 500mm	1200mm	2"/63Flange	12T/H	20PSI	1.2kg/h	65mg/L
QL6015	∅ 600mm	1520mm	2"/63Flange	15T/H	20PSI	1.2kg/h	65mg/L
QL7017	∅ 700mm	1700mm	3"/90Flange	25T/H	20PSI	1.5kg/h	65mg/L
QL8019	∅ 800mm	1900mm	3"/90Flange	30T/H	20PSI	1.8kg/h	65mg/L
QL8523	∅ 850mm	2250mm	3"/90Flange	35T/H	20PSI	2kg/h	65mg/L
QL9021	∅ 900mm	2100mm	4"/110Flange	50T/H	20PSI	2.4kg/h	65mg/L
QL1025	∅ 1000mm	2500mm	4"/110Flange	60T/H	20PSI	3.5kg/h	65mg/L
QL1027	∅ 1000mm	2720mm	4"/110Flange	110T/H	20PSI	3.9kg/h	65mg/L
QL1127	∅ 1100mm	2700mm	5"/140Flange	120T/H	20PSI	4.5kg/h	65mg/L
QL1230	∅ 1200mm	3000mm	5"/140Flange	140T/H	20PSI	5kg/h	65mg/L

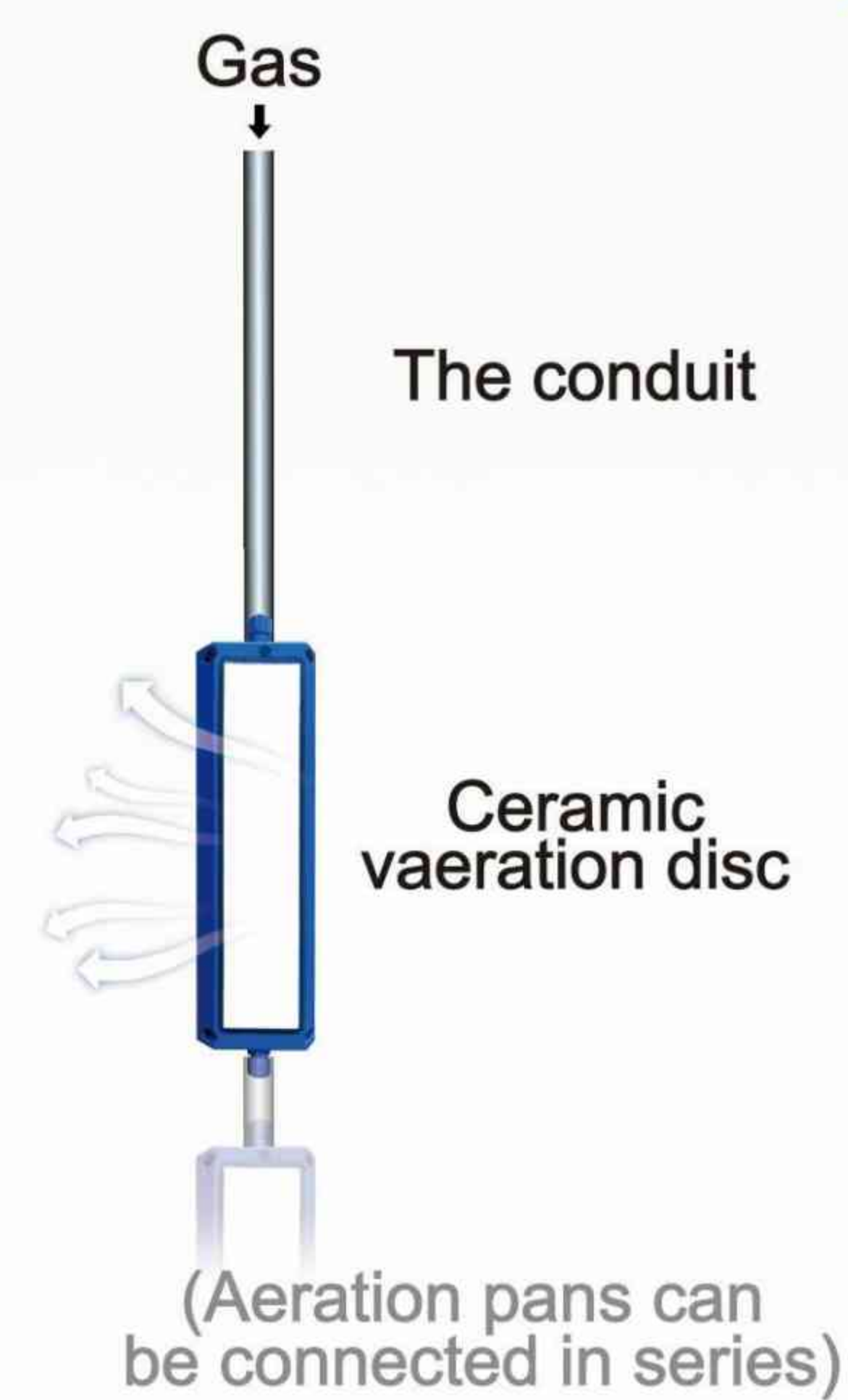
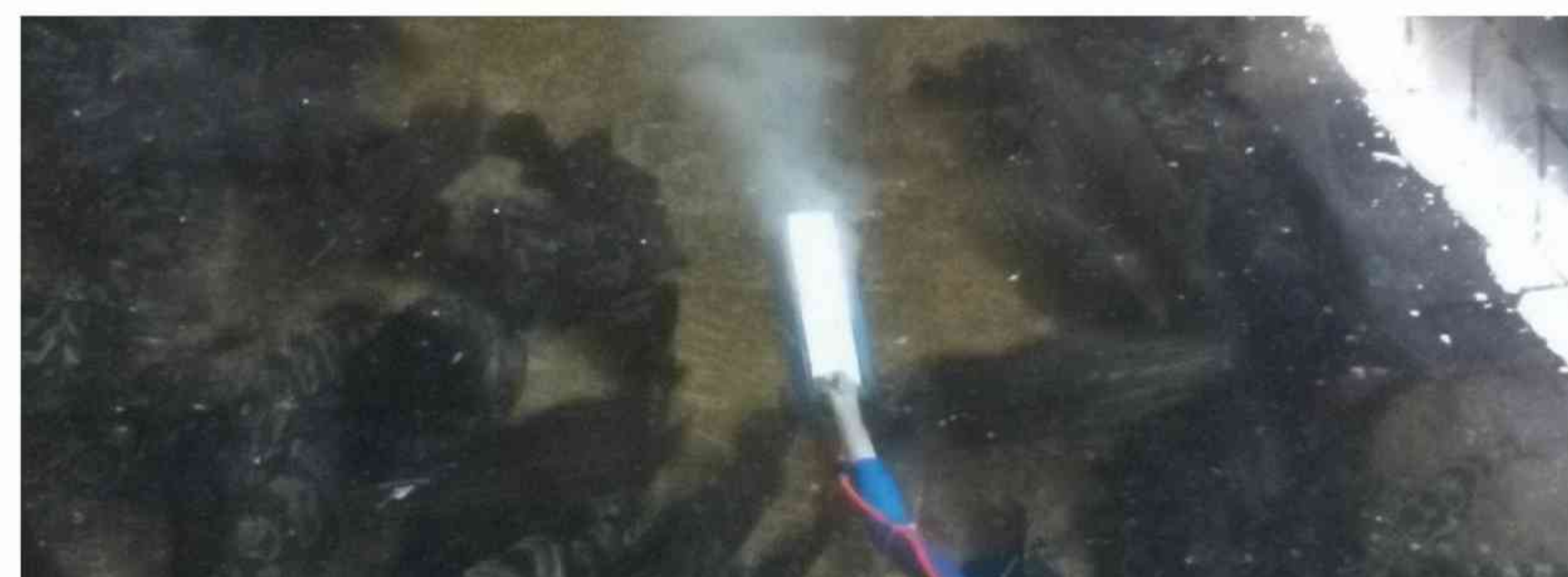
Hybrid Accessories



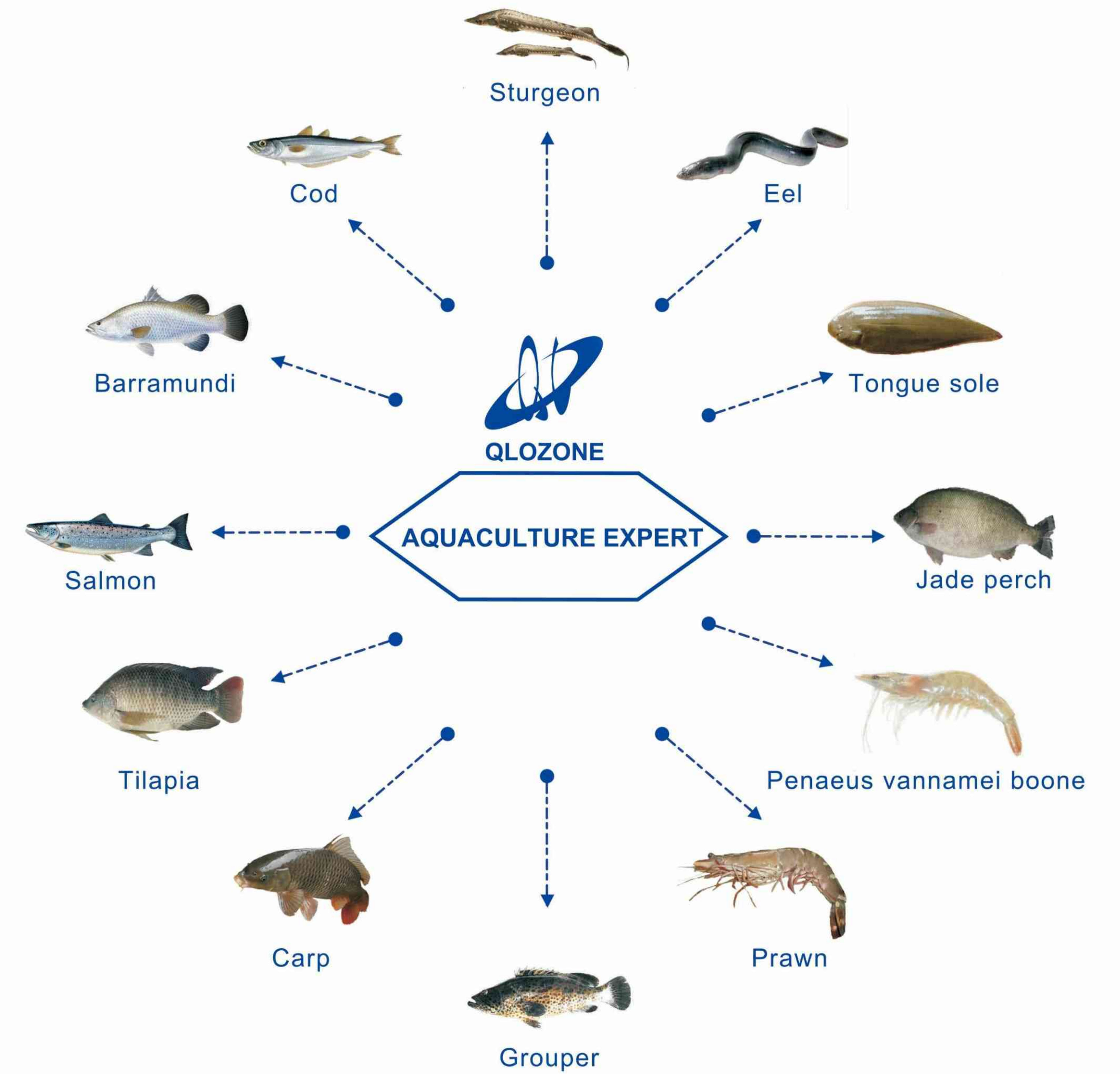
Mode ①



Mode ②



Fish Fry And Shrimp Larvae



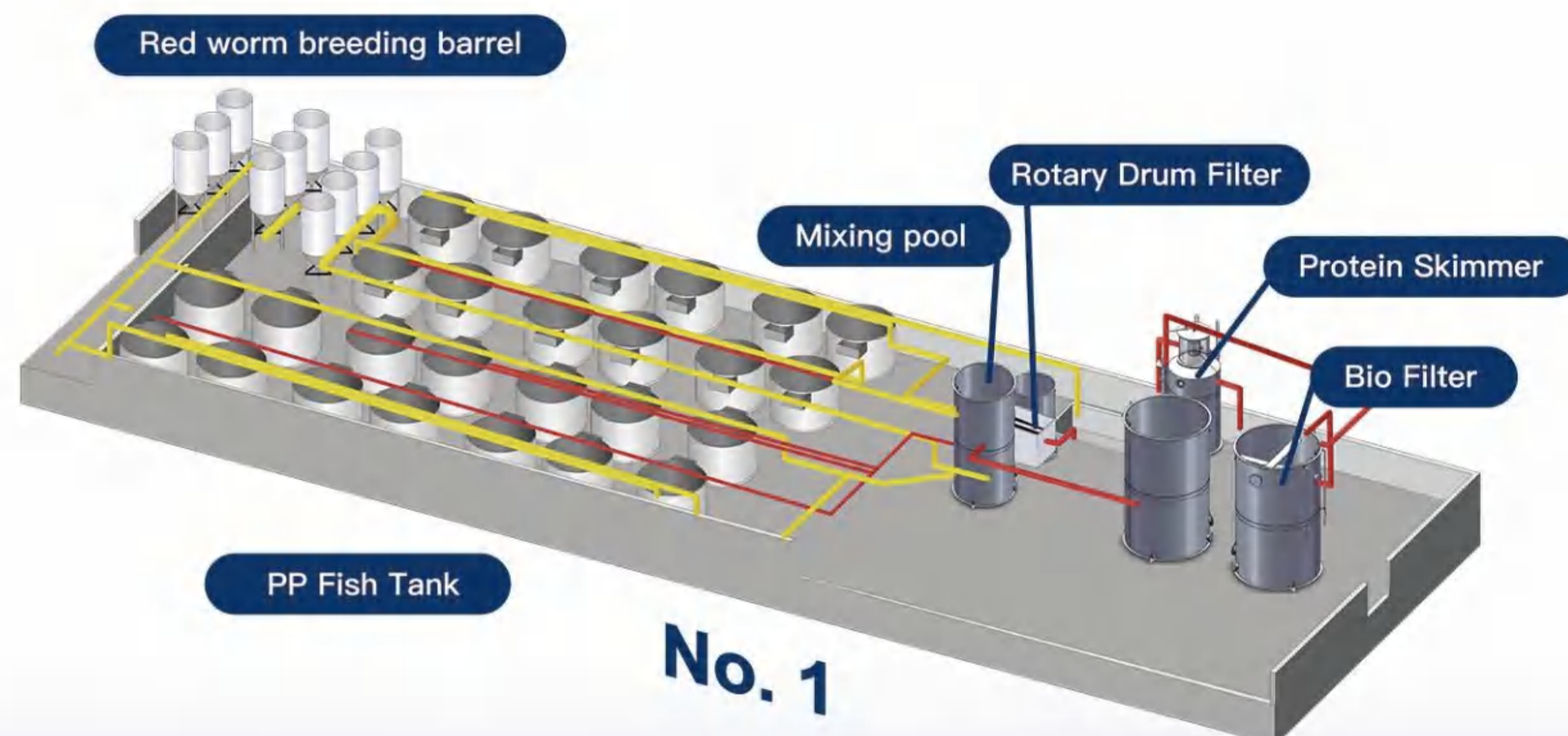
Farming Dase

PEAK MOUNTAIN

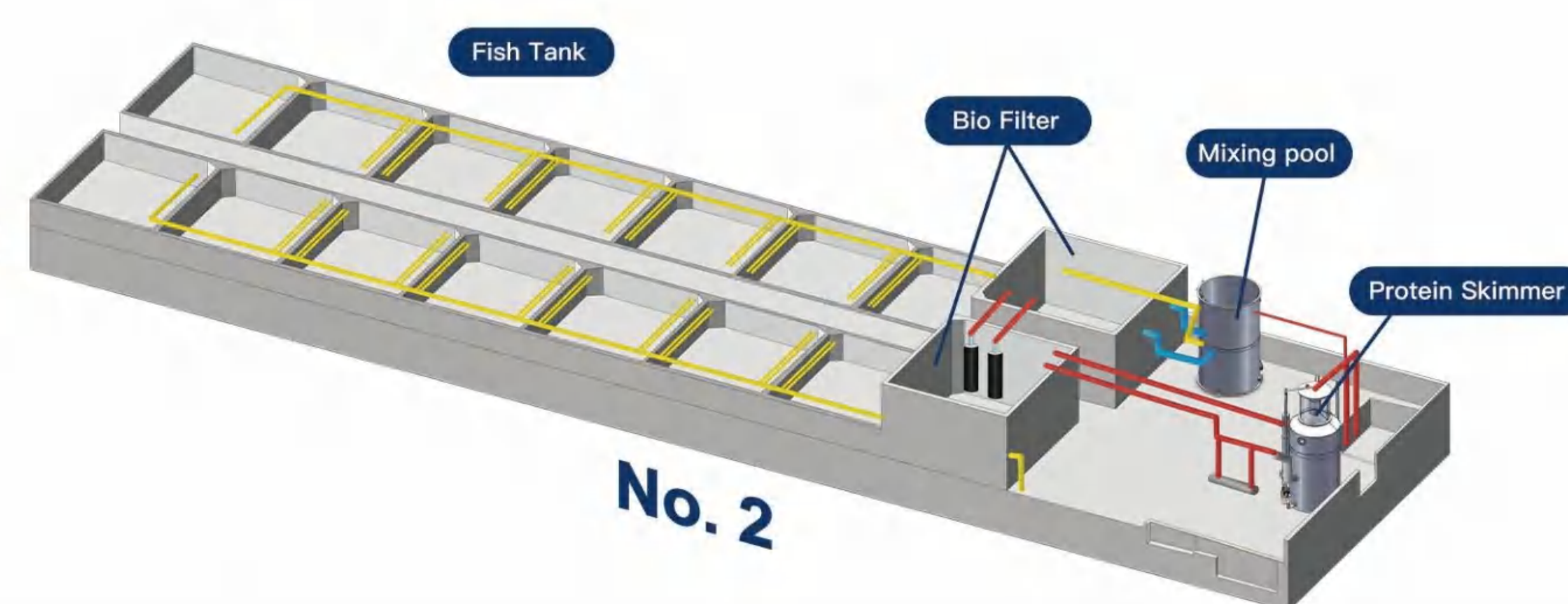
Guangzhou Qili QLOZONE recirculating aquaculture is a model that completely subverts the traditional fishery aquaculture. It vigorously promotes the aquaculture industry to industrialization and makes full use of modern science and technology, including mechanical engineering, biology, water treatment chemistry, modern electronic informatics, modern architecture, etc. After field investigation, scientific demonstration and careful design, it has become a highly feasible customized scheme. Through high-density and intensive production of aquatic products, the goal of low pollution, low risk, high efficiency and sustainable development of aquaculture industry will be realized.



BASE



SITE



No. 1

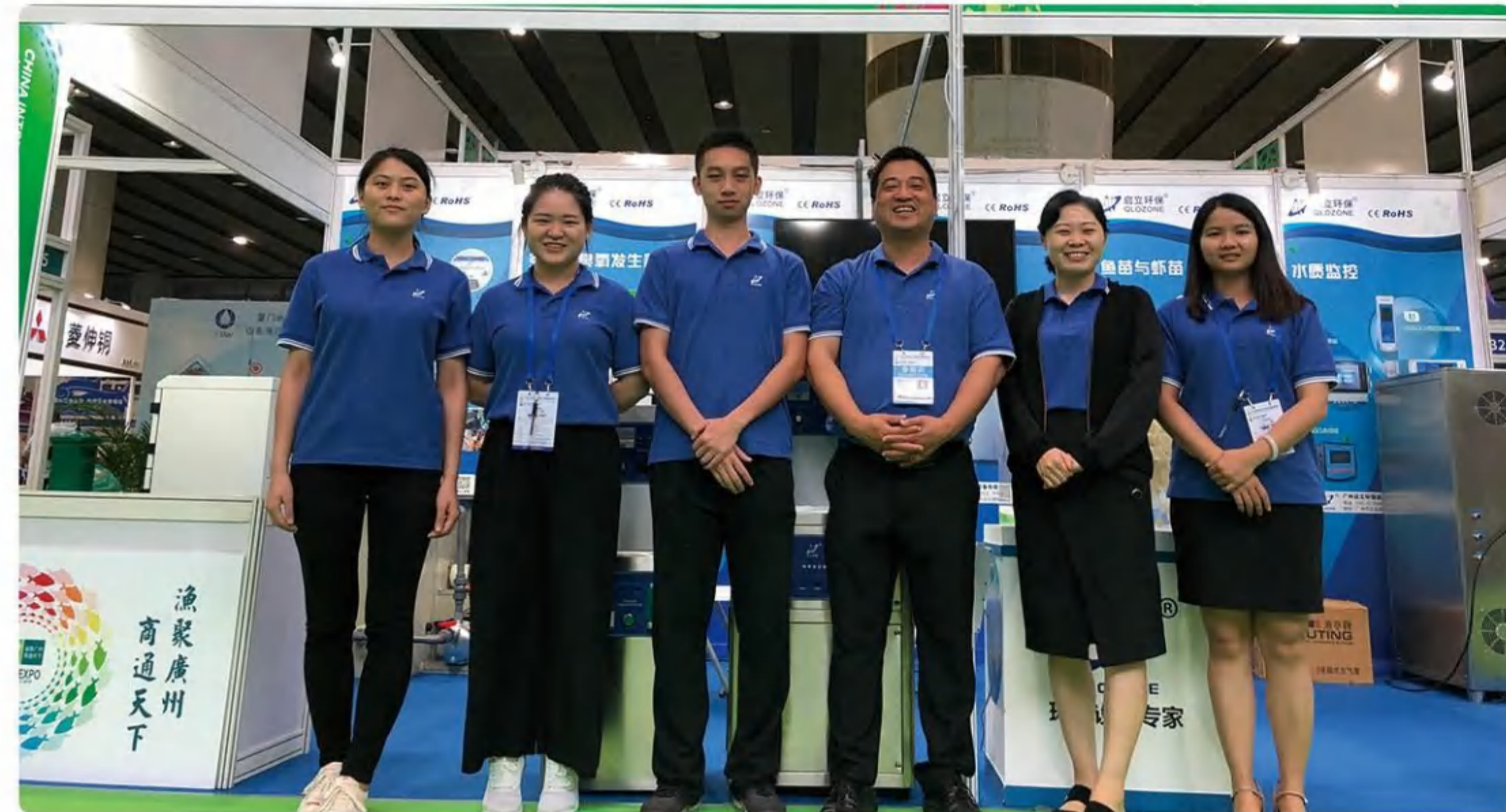
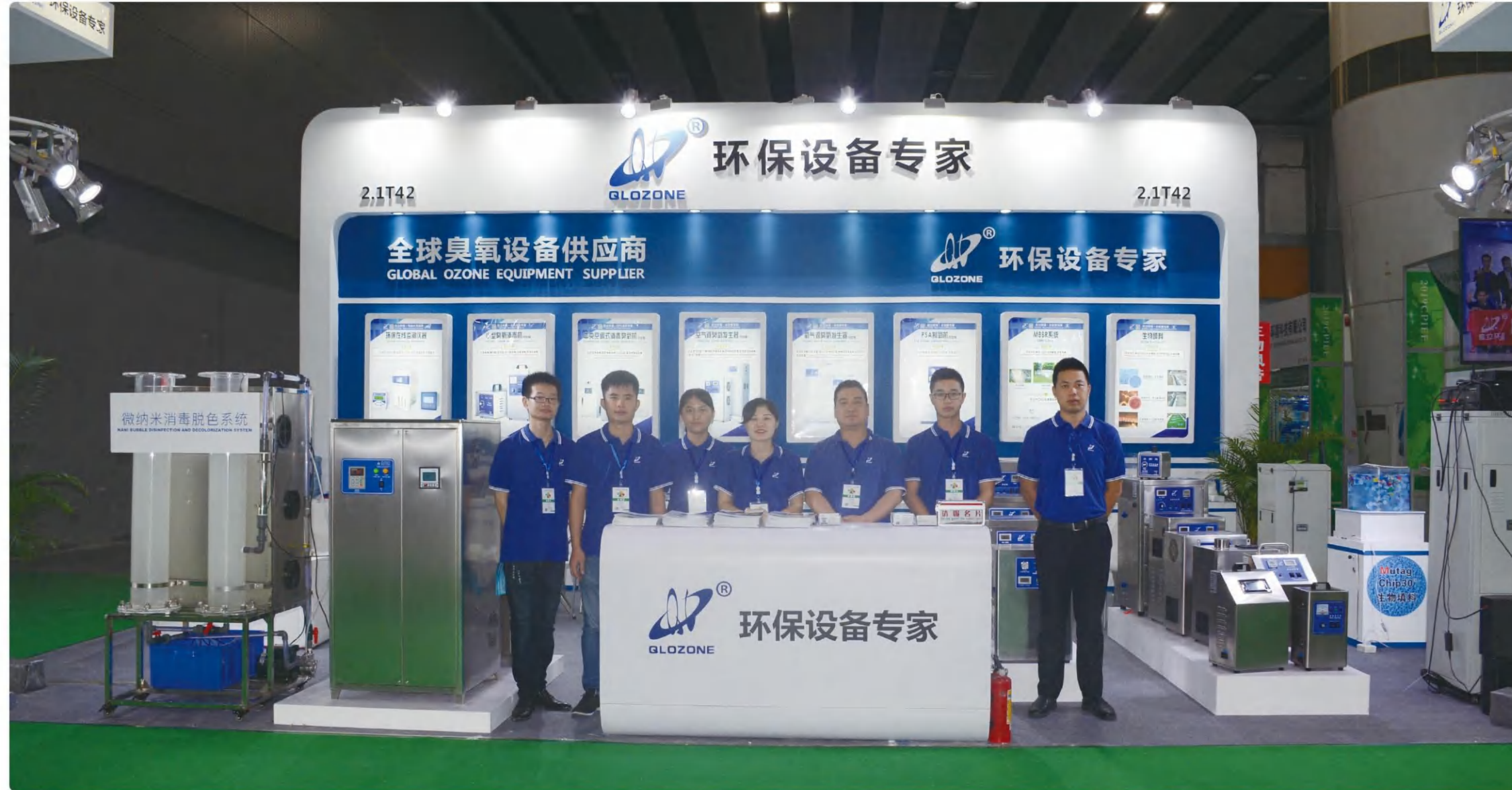
No. 2



Peak Mountain Real Photo



Exhibition Events



Engineering Case



Circulating Aquaculture 1



Circulating Aquaculture 2



Circulating Aquaculture 3



Circulating Aquaculture 4



Customer Cases

