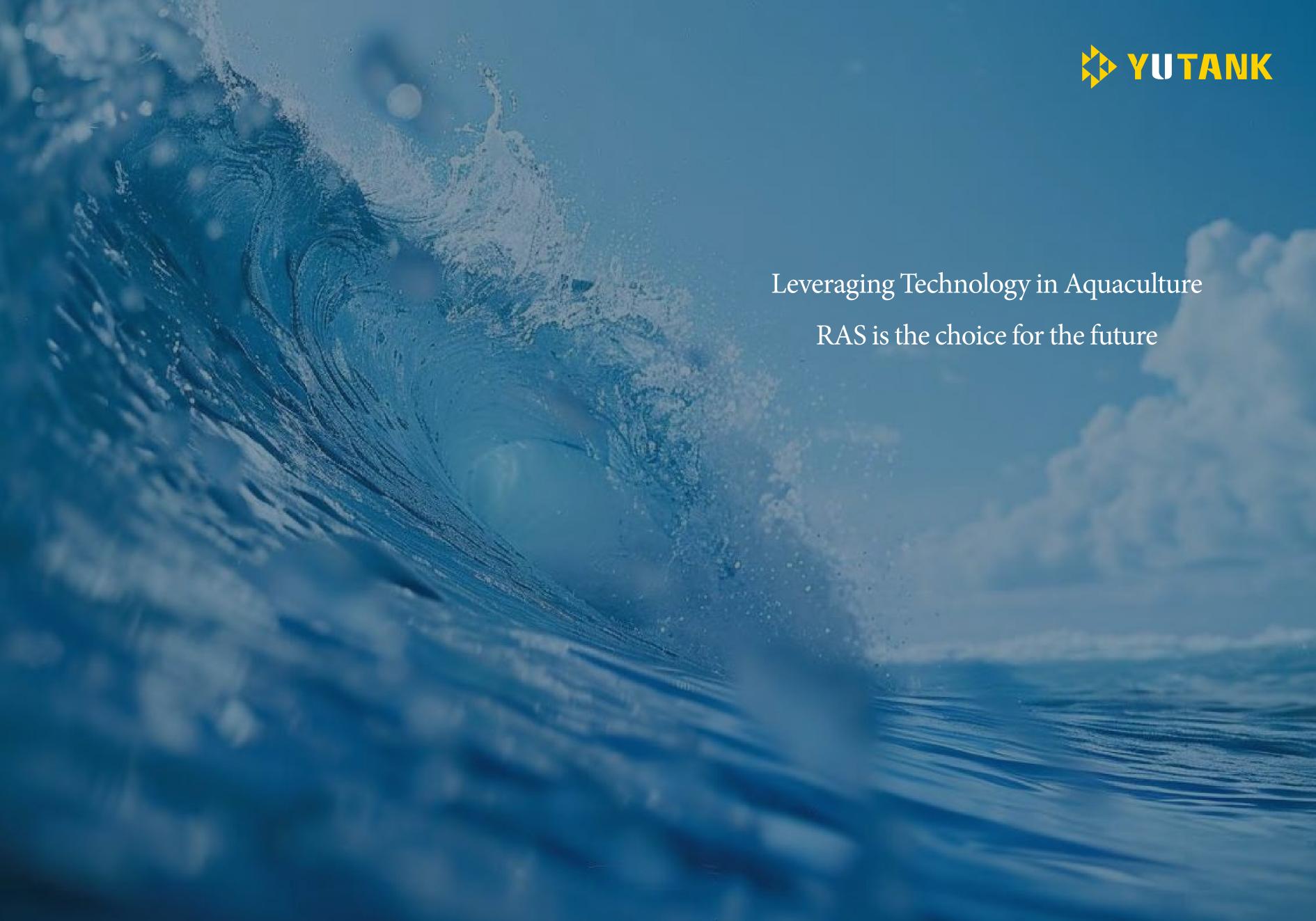


Huizhou Beehive Breeding Equipment Co. Ltd

Shiwan Town, Huizhou City, Guangdong Province, China Conceptual Design
Production and Development
Installation and Debugging
Technical Training



Smart Aquaculture Solution











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Company Profile

Integrity forges quality, innovation leads the future

▶ 2017 **Initial Stage**

Our founder independently developed the first-generation prefabricated water tank (galvanized fish tank) and obtained a patent. In October, we built our own site and created the Yutank demonstration zone—our first integrated aquaponic system combining fish farming and plant cultivation. Through continuous experimentation and optimization, we achieved phased success.

▶ 2018 Germination Stage

The first demonstration base won recognition from the masses and was promoted on Douyin. More people visited our company's base via Douyin. This accurate positioning of our products marked the first strategic victory of the Beehive aquaculture equipment company and became the cornerstone of our company's rapid rise. We achieved a comprehensive harvest in both production and sales. The various parameters of the galvanized sheet set by our company, along with the "fish toilet" concept, have made significant contributions to the industry.

▶ 2019 **Growth Stage**

We formally established the Beehive Aquaculture Equipment Company and expanded the production of "quick - install simple water tanks". The first demonstration base won affirmation from many experts. In response to fishery customers' needs, a dedicated R & D department was set up. We continuously self developed and debugged industrial recirculating water equipment and various aquatic accessories.

▶ 2020 **Expansion Stage**

Obtained the patent for the Yutank brand and icon. The company established a fishery development R & D center, introduced professional talents, successfully developed the Honeycomb PP fish tank and obtained its patent, which greatly enhanced the company's R & D strength. It continuously develops towards standardization, intelligence and diversification.

▶ 2021-Present Take-off Stage

The company has developed a number of exclusive new technologies, such as hydrodynamic water pushers, water saving aquaculture ponds, sewage dischargers for shrimp ponds, and multi - functional purification treatment equipment for aquaculture. In 2023, it was awarded the title of "National High - tech Enterprise" and successfully passed the ISO quality management system certification. To meet market demands, the company has successfully transformed from single - equipment R & D to a provider of aquaculture solution services.









Workshop

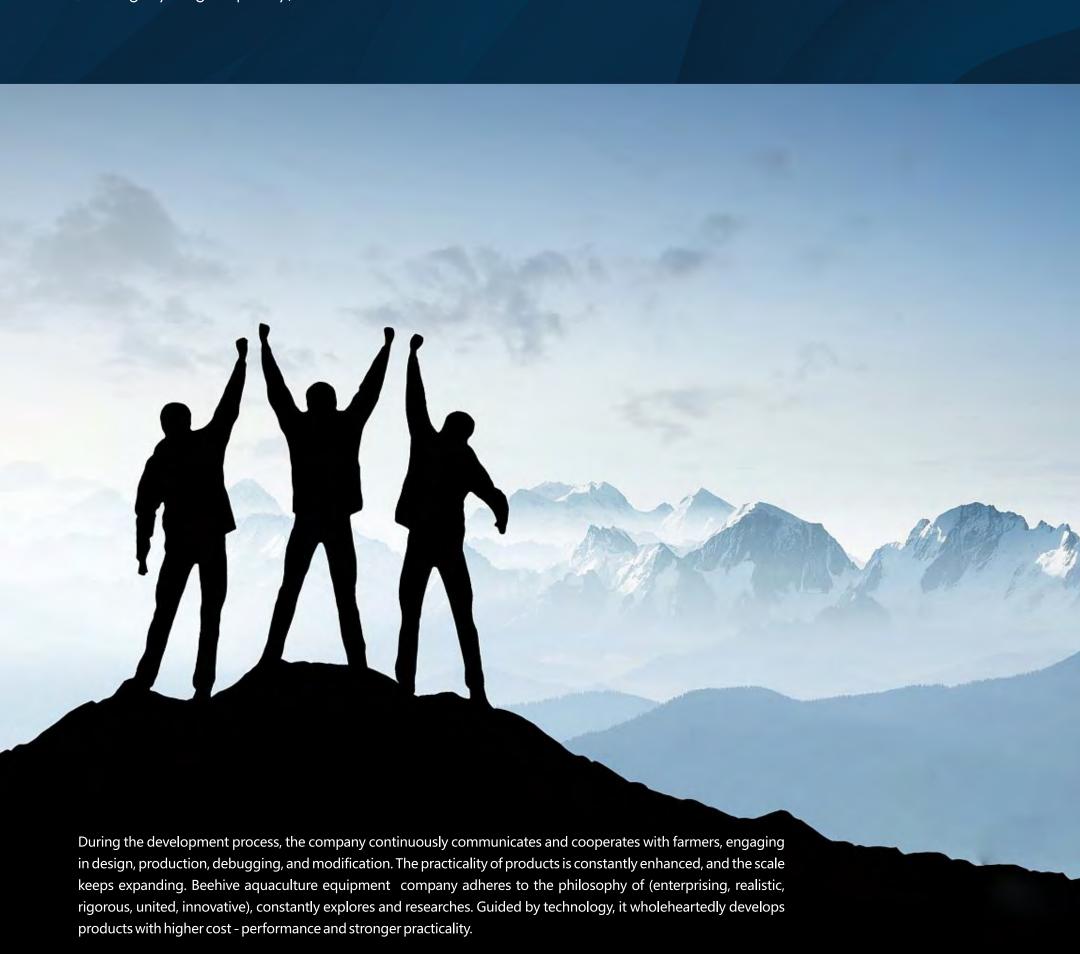
► Integrity forges quality, innovation leads the future



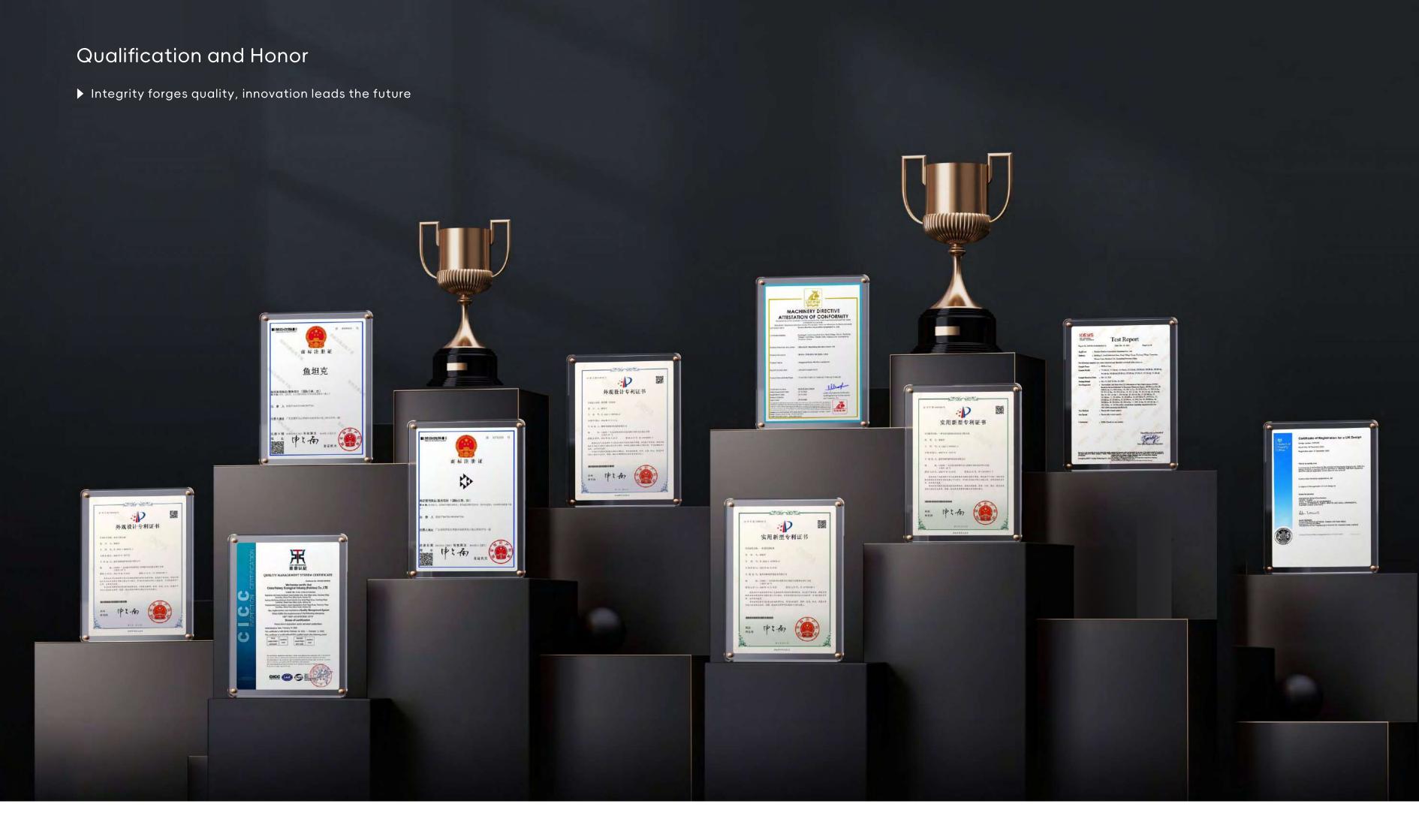


Company Philosophy

▶ Integrity forges quality, innovation leads the future

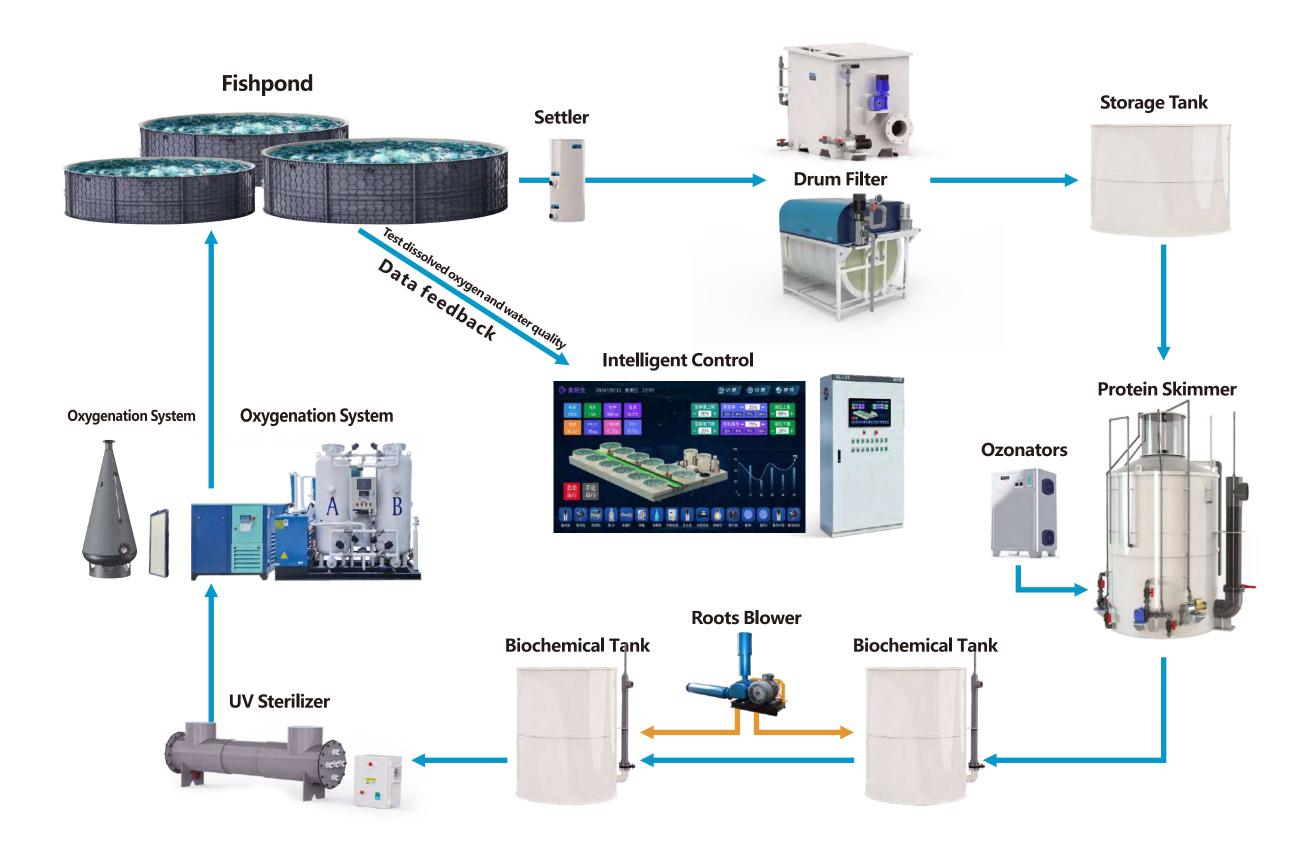






Recirculating Aquaculture Mode

▶ Integrity forges quality, innovation leads the future





Recirculating Aquaculture System



The RAS system represents a new aquaculture model. It treats and recycles wastewater created in the aquaculture pond using a series of water treatment equipment. It conserves energy, saving usage of water by up to 90%. It includes prefiltration, biological filtration, precise filtration, degassing, and UV sterilization equipment...

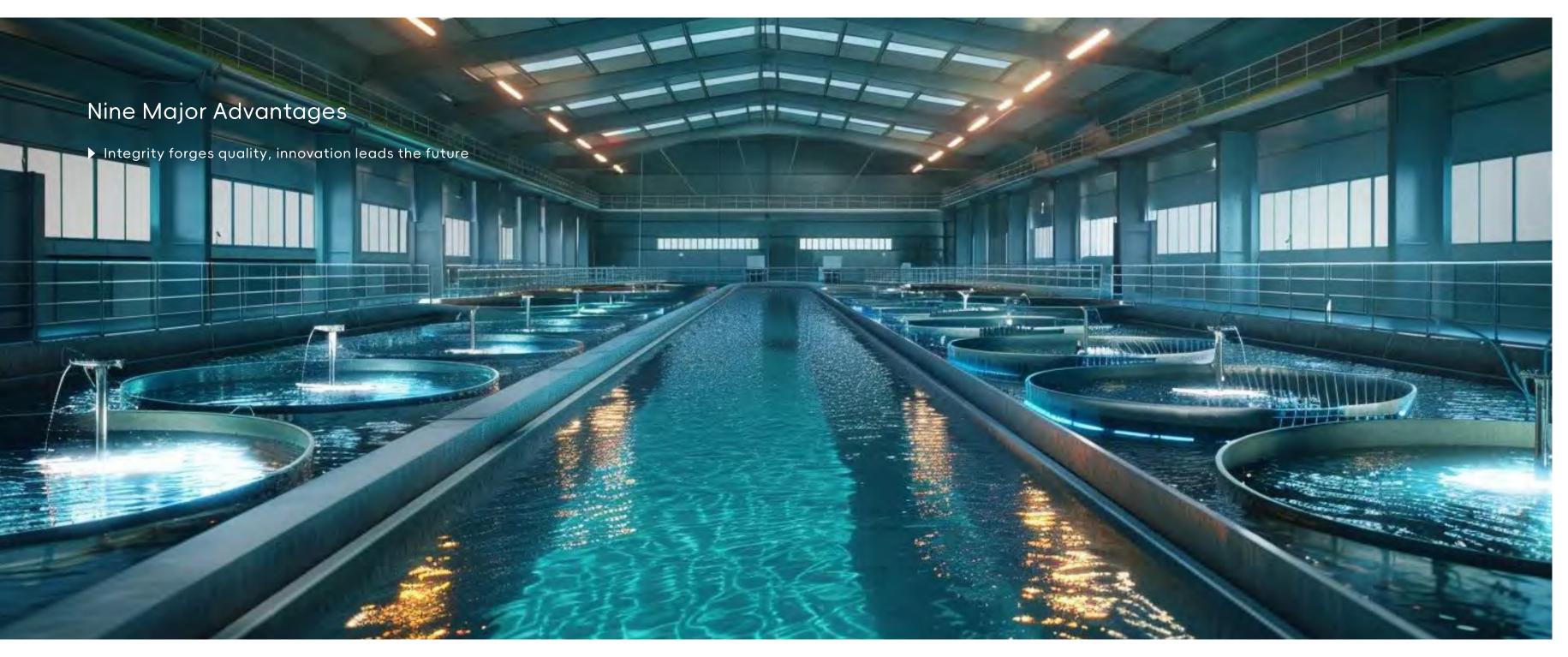
























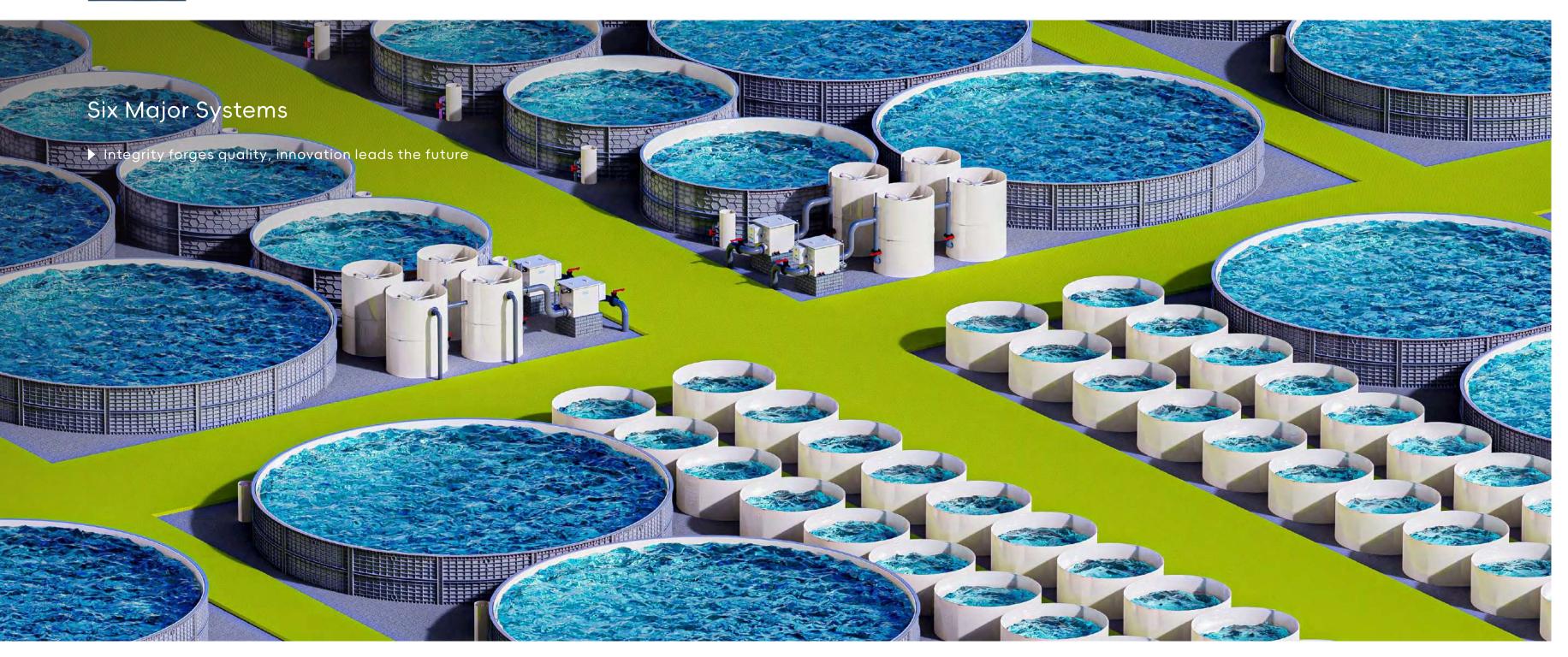






High Density Aquaculture Equipment · Manufacturer

Solution Design | Production Development | Installation and Commissioning | Technical Training



1 Water Quality Detection

Temperature — PH — Total Pressure

Ammonia Nitrogen — Nitrite — Nitrate

Alkalinity — Hardness — Phosphorus

Salinity — Alkalinity — Hardness

Phosphorus — Chlorine — Hydrogen Sulfide

Dissolved Oxygen — Carbon Dioxide

ORP — TSS — COD

② Circulating System

Physical Filtration System

Biochemical Filtration System

Sterilization System

Oxygen Supply System

③ Regulating System

Nitrification System Regulation Technology

Biofloc Cultivation Technology

Biological Anti - antibiotic Technology

Sterilization Calculation Technology

4 Monitoring System

Video Surveillance Image Acquisition

(5) Intelligent Cloud Platform

Automatic Upload

Historical Records

Data Analysis

Intelligent Early Warning

6 Intelligent Linkage System

Feeding System — Light
Supplementation System
Shading System
Ventilation System
Power Outage Warning
Backup Energy System





Product Display

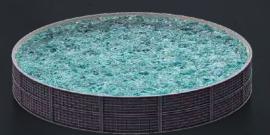
▶ Integrity forges quality, innovation leads the future



Beehive PP Fish Tank 5.8-7.8m



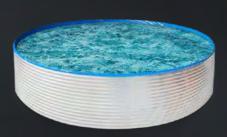
Beehive PP Fish Tank 6-8m



Beehive PP Fish Tank 10-15m



Food-grade PP Fish Tank



Galvanized Fish Tank



All-in-one Integrated RAS Equipment



Box Type PP Drum Filter



Intelligent Controller Box



Frame Type SS Drum Filter



Koi All-in-one Machine



Protein Skimmer



All-in-one Freshwater Integrated Filter



Sinking Type SS Drum Filter



Box Type SS Drum Filter



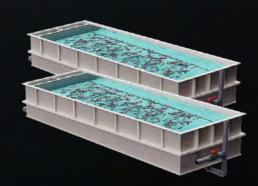
Landscape Koi Filter System



Fluized Bed



Fish Fry Incubator



Square Nursery Tank

Product Display

▶ Integrity forges quality, innovation leads the future



UV Sterilizer



Biological Filter Tank



Customized Seafood Pool



Eel Collerction Tray



Eel Collerction Tray



Eel Collerction Tray



Nano Aeration Ceramic Disc



Shrimp Shell Double Outlet Bottom Drain



110 Flat Grid Bottom Drain



160 Flat Grid Bottom Drain



110 Central Hole Single Outlet Bottom Drain



110+75 Double Outlet Trumpet-like Bottom Drain



200 Flat Single Outlet Bottom Drain



160+75 Flat Double Outlet Bottom Drain



110 Trumpet-like Bottom Drain



110+160 Trumpet-like Double
Outlet Bottom Drain



160 Trumpet-like Single Outlet Bottom Drain



110+160 Flat Double Outlet Bottom Drain



110+110 Flat Double Outlet Bottom Drain



Single Outlet Shrimp Shell Bottom Drain



110+110 Flat Double Outlet Bottom Drain



110+200 Flat Double Outlet Bottom Drain



110+160 Flat Double Outlet Bottom Drain





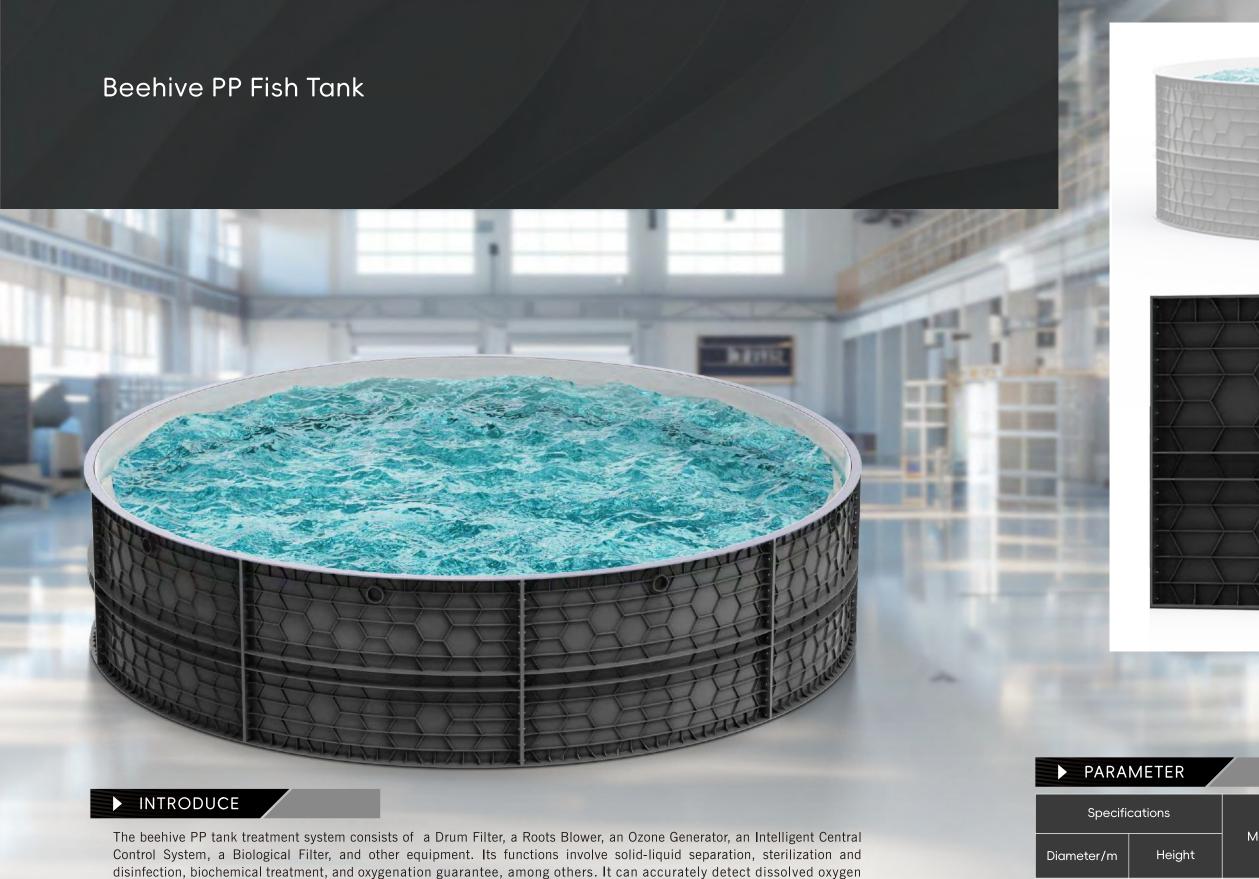






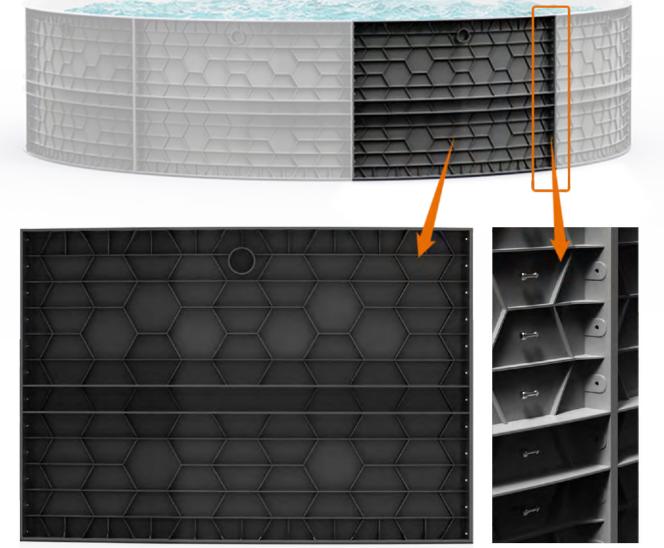
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$\mathbf{P} \Delta$	4 N V	$n \vdash 1$	$\mathbf{E} \mathbf{K}$

Working Voltage	AC380V/220V/50HZ
Overloaded Power	50KW
Function	pH Value + ORP Value + Water Temperature Value + Oxygen Dissolved Value + Air Temperature Value+ Ammonia Nitrogen Value + Blackout Automatically Dial Mobile phone Alarm + Automatic Control of Upper and Lower Limits of Dissolved Oxygen and Automatic Mobile phone Dial Alarm for Hypoxia + 10 Equipment Control, 10-inch human-computer interface operation + PLC Control and Mobile phone + PC Remote Online Monitoring and Other Control Softwares.
Operating Temperature	-10 ~ 45°C
Size	1200*400*1600mm
Net Weight	110KG

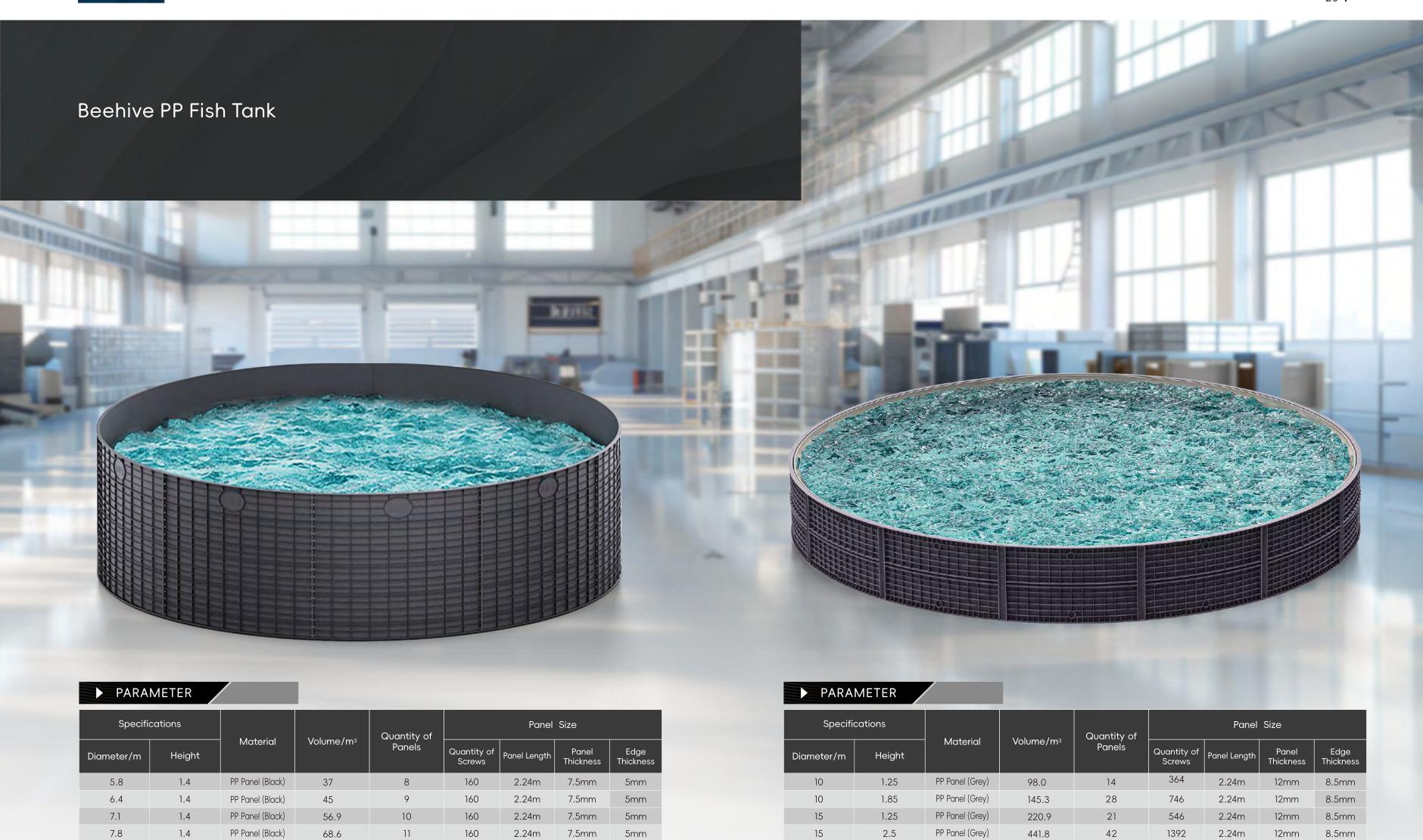


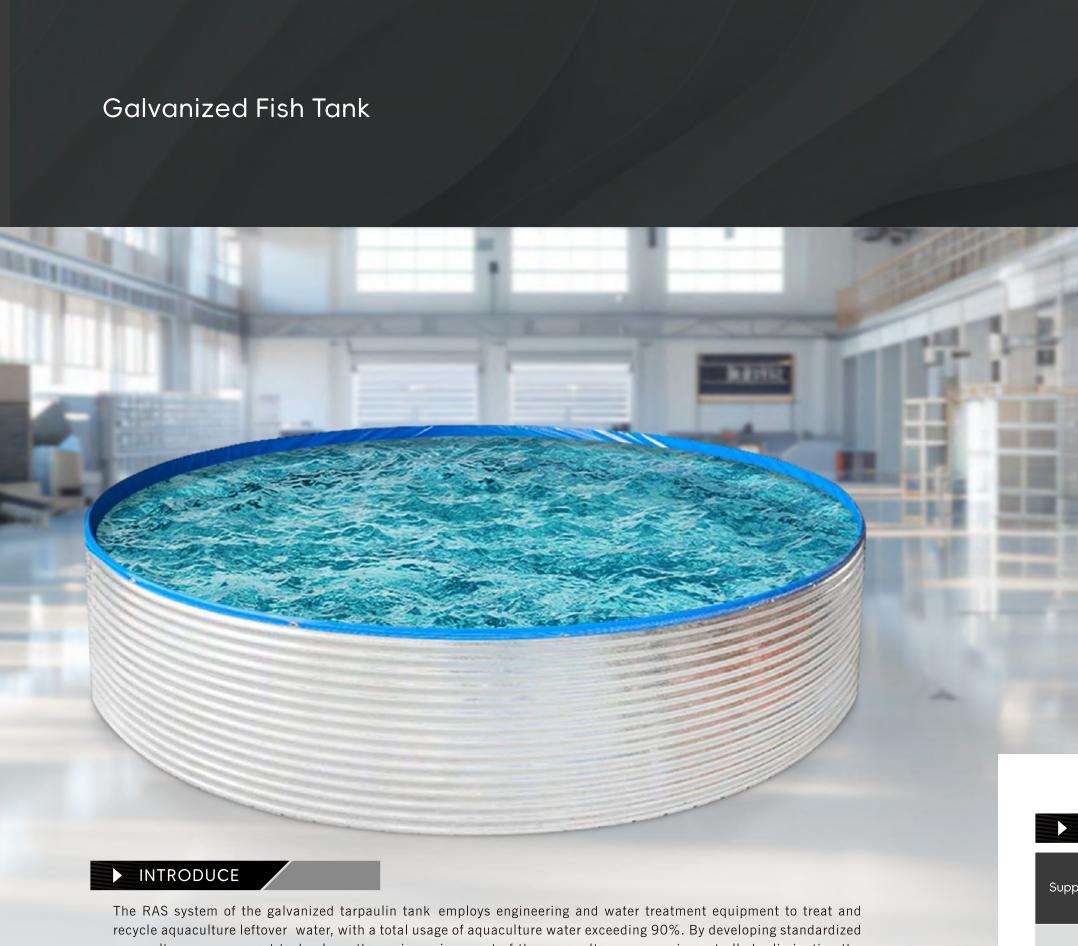
The beehive PP tank treatment system consists of a Drum Filter, a Roots Blower, an Ozone Generator, an Intelligent Central Control System, a Biological Filter, and other equipment. Its functions involve solid-liquid separation, sterilization and disinfection, biochemical treatment, and oxygenation guarantee, among others. It can accurately detect dissolved oxygen level, pH value, ammonia nitrogen level, and other indicators in the water to ensure the quality of aquaculture water. Improving the survival rate of aquaculture species allows for continuous production throughout the year, meeting off-season market demand, and generating consistent income. To meet the requirements of ecological green environmental protection, this machine has anti-microbial and anti algae technology, which can treat aquaculture feces in a timely manner, reduce the risk of aquaculture diseases, increase aquaculture density, and maintain ecological balance, which is not affected by natural disasters such as typhoons, floods, high temperatures, and frost damage, for reducing disaster losses.

The Beehive PP fish tank is composed of non-toxic, odorless PP material that is resistant to cold, heat, salt, and alkali. Each fish tank is made up of several PP panels, making it easy to transport and install. The Beehive PP tank reinforces the tank and makes it less prone to deformation.



Specifi	cations			Quantity of		Panel	Size	
Diameter/m	Height	Material	Volume/m³	Panels	Quantity of Screws	Panel Length	Panel Thickness	Edge Thickness
6	1.40	PP Panel (Black)	39.5	9	108	2.10m	10mm	6.5mm
6.6	1.40	PP Panel (Black)	48.5	10	120	2.10m	10mm	6.5mm
7.3	1.40	PP Panel (Black)	59.4	11	132	2.10m	10mm	6.5mm
8	1.40	PP Panel (Black)	70.3	12	156	2.10m	10mm	6.5mm







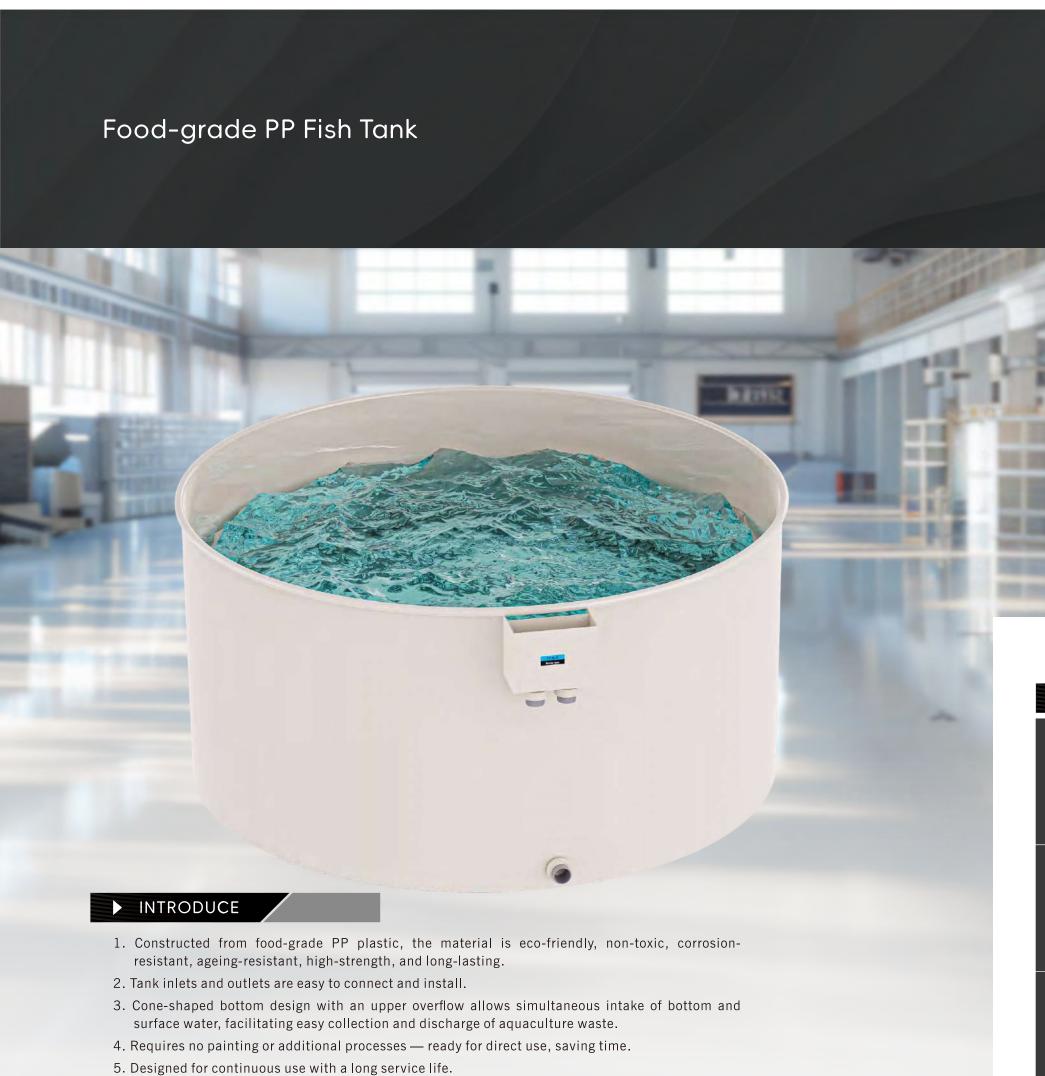




recycle aquaculture leftover water, with a total usage of aquaculture water exceeding 90%. By developing standardized aquaculture management technology, the main environment of the aquaculture process is controlled, eliminating the risk of a vicious cycle of water quality. All aquaculture effluent is cycled and processed within the system before being returned to the aquaculture for recycling once the treatment standards are met. Only a tiny amount of aquaculture water must be replenished to fulfill aquaculture needs, saving water and optimizing resource usage.

When the galvanized tarpaulin tank is constructed locally, simply a few materials and tools are required to construct it for the fish farm. This reduces constructing duration, lowers construction costs, and allows for installation without a prerequisite for a concrete foundation.

Support Size Diameter/m	Height/m	Quantity of Panels	Material Thickness	screw
	0.95			
	1.15			
3-20m	1.45	3-40	1.0mm	80*140mm
3-2011	1.85	3-40	1.0111111	00 140HH1
	2.25			
	2.85			



6. Lightweight and portable for easy relocation.







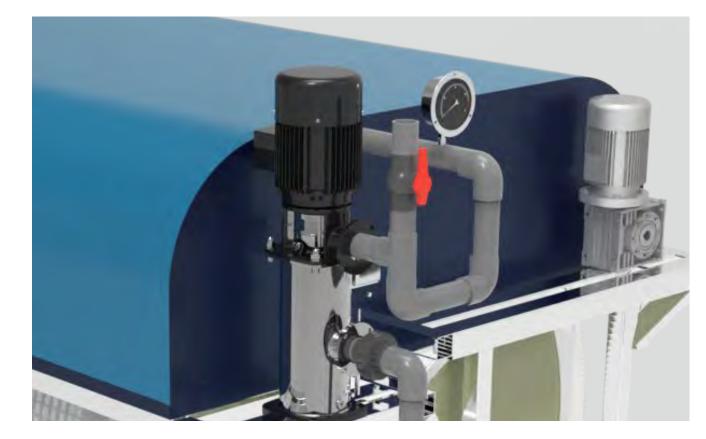
	Diameter	Custon	ned mm			
Diameter (mm)	High	Customed mm				
	Volume	Customed mm				
Main	Material	PP/PILYPROPYLENE				
Performance Paeameters	Lifespan	10 YEAR				
	Technique	Engraving welding	Manual welding			
	Compared with fiberglass	th fiberglass FRP is constructed of glue and fiber, which is both unhealthy and frag Additionally, the glue is toxic, and the fiber would be harmful to the sp				
Advantages	Compared with PVC	PVC generates more expensive mould and is unhealthy at high temperatures low temperatures. It's very heavy and most of them don't have an upper				
	Compared with PE	PE has a high mold cost and is so	o soft that it can easily damaged.			

High Density Aquaculture Equipment · Manufacturer

Solution Design | Production Development | Installation and Commissioning | Technical Training



- 2. Fast filtration speed: With a special mesh structure and method, it filters faster than traditional equipment, handling large volume water in a short time.
- 3. Automatic backwash: Equipped with this function, it cleans the mesh during filtration, switches modes during backwash, and uses reverse flow to remove impurities.
- 4. Stable and reliable operation: Simple structure, low maintenance. Advanced controls and sensors monitor real time status for safe operation.
- 5. Wide application: Applicable to drinking water, aquaculture water, sewage, industrial wastewater and other water treatment fields.





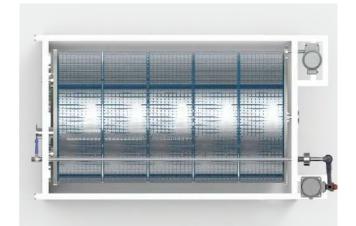


PARAMETER			P.	A١	R	٧N	ΙEΤ	Έ	R
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Model		XCS-100	XCS-200	XCS-300	XCS-400	XCS-500	XCS-600	
Flow Rate/H		100T/h 200T/h 300T/h 400T/h 500T/h 600T						
Filtration Precision	on	74μm (200 mesh)						
Water Pump		≥ 100T/H	≥ 200T/H	≥ 300T/H	≥ 400T/H	≥ 500T/H	≥ 600T/H	
Water Volume		100m³	200m³	300m³	400m³	500³	600m³	
Size	(mm)	1680*1280*1600	2030*1520*1780	2380*1520*1780	2750*1520*1830	2750*1800*2020	3120*1800*2020	
Drum Size	(mm)	ø 1020*1065	ø 1280*1415	ø 1280*1765	ø 1280*2115	ø 1530*2115	ø 1530*2465	
Voltage	(V)			380	O V			
Motor Power	(KW)	0.75	0.75	0.75	1.1	1.1	1.1	
Pump Power	(KW)	1.1	1.5	2.2	2.2	2.2	2.2	





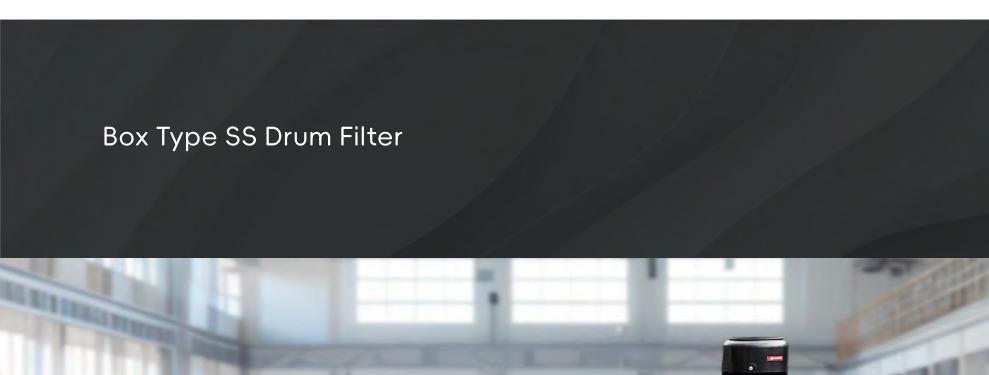




PARAMETE

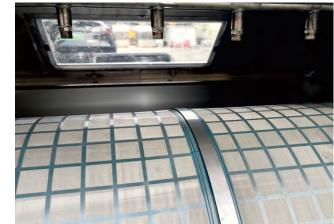
Model	KK-100 KK-200		KK-300	KK-400	KK-500	KK-600		
Flow Rate/H	100T/h	100T/h 200T/h 300T/h 400T/h 500						
Filtration Precision		74µm (200 mesh)						
Water Pump	≥ 100T/H	≥ 100T/H ≥ 200T/H ≥ 300/H ≥ 400T/H ≥ 500T/H						
Water Volume	100m³	200m³	300m³	400m³	500m³	600m³		
Size (mm)	1680*1280*1380	2030*1520*1500	*1500 2380*1520*1500 2750*1520*1500		2750*1800*1780	3120*1800*1900		
Water Inlet (mm)			20	00				
Water Outlet (mm)	200	200	200	250	250	250		
Motor Power (KW)	0.55	0.75	0.75	1.1	1.1	1.1		
PUMP POWER (KW)	1.1	1.5	2.2	2.2	2.2	2.2		

- 2. Fast filtration speed: With a special mesh structure and method, it filters faster than traditional equipment, handling large volume water in a short time.
- 3. Automatic backwash: Equipped with this function, it cleans the mesh during filtration, switches modes during backwash, and uses reverse flow to remove impurities.
- 4. Stable and reliable operation: Simple structure, low maintenance. Advanced controls and sensors monitor real time status for safe operation.
- 5. Wide application: Applicable to drinking water, aquaculture water, sewage, industrial wastewater and other water treatment fields.











1. High filtration precision: The filter mesh aperture ranges from several to tens of microns, effectively removing suspended solids, colloids, bacteria, etc., ensuring good effluent quality.

INTRODUCE

- 2. Fast filtration speed: With a special mesh structure and method, it filters faster than traditional equipment, handling large volume water in a short time.
- 3. Automatic backwash: Equipped with this function, it cleans the mesh during filtration, switches modes during backwash, and uses reverse flow to remove impurities.
- 4. Stable and reliable operation: Simple structure, low maintenance. Advanced controls and sensors monitor real - time status for safe operation.
- 5. Wide application: Applicable to drinking water, aquaculture water, sewage, industrial wastewater and other water - treatment fields.

PΔ	D	Λ	N/		D

Model		XTBXG-60	XTBXG-100	XTBXG-200	XTBXG-300	XTBXG-400	XTBXG-500
Flow Rate/H		60T/h	100T/h	200T/h	300T/h	400T/h	500T/h
Filtration Precis	ion	74μm (200 mesh)					
Water Pump		≥ 60T/H	≥ 100T/H	≥ 200/H	≥ 300T/H	≥ 400T/H	≥ 500T/H
Water Volume		60m³	100m³	200m³	300m³	400m³	500m³
Size	(mm)	1680*1280*1600	2030*1520*1780	2380*1520*1780	2750*1520*1830	2750*1800*2020	3120*1800*2020
Water Inlet	(mm)			20	00		
Water Outlet	(mm)	200	200	200	250	250	250
Motor Power	(KW)	0.55	0.75	0.75	1.1	1.1	1.1
PUMP POWER	(KW)	1.1	1.5	2.2	2.2	2.2	2.2
	Flow Rate/H Filtration Precis Water Pump Water Volume Size Water Inlet Water Outlet Motor Power	Flow Rate/H Filtration Precision Water Pump Water Volume Size (mm) Water Inlet (mm) Water Outlet (mm) Motor Power (KW)	Flow Rate/H 60T/h Filtration Precision Water Pump ≥ 60T/H Water Volume 60m³ Size (mm) 1680*1280*1600 Water Inlet (mm) Water Outlet (mm) 200 Motor Power (KW) 0.55	Flow Rate/H 60T/h 100T/h Filtration Precision ≥ 60T/H ≥ 100T/H Water Pump 60m³ 100m³ Water Volume 60m³ 100m³ Size (mm) 1680*1280*1600 2030*1520*1780 Water Inlet (mm) 200 200 Motor Power (KW) 0.55 0.75	Flow Rate/H 60T/h 100T/h 200T/h Filtration Precision 74μm (200 Water Pump ≥ 60T/H ≥ 100T/H ≥ 200/H Water Volume 60m³ 100m³ 200m³ Size (mm) 1680*1280*1600 2030*1520*1780 2380*1520*1780 Water Inlet (mm) 200 200 200 Motor Power (KW) 0.55 0.75 0.75	Flow Rate/H 60T/h 100T/h 200T/h 300T/h Filtration Precision Water Pump ≥ 60T/H ≥ 100T/H ≥ 200/H ≥ 300T/H Water Volume 60m³ 100m³ 200m³ 300m³ Size (mm) 1680*1280*1600 2030*1520*1780 2380*1520*1780 2750*1520*1830 Water Inlet (mm) 200 200 200 250 Motor Power (KW) 0.55 0.75 0.75 1.1	Flow Rate/H 60T/h 100T/h 200T/h 300T/h 400T/h Filtration Precision 74μm (200 mesh) Water Pump ≥ 60T/H ≥ 100T/H ≥ 200/H ≥ 300T/H ≥ 400T/H Water Volume 60m³ 100m³ 200m³ 300m³ 400m³ Size (mm) 1680*1280*1600 2030*1520*1780 2380*1520*1780 2750*1520*1830 2750*1800*2020 Water Inlet (mm) 200 200 200 250 250 Motor Power (KW) 0.55 0.75 0.75 1.1 1.1

Box Type PP Drum Filter









INTRODUCE

- 1. High filtration precision: The filter mesh aperture ranges from several to tens of microns, effectively removing suspended solids, colloids, bacteria, etc., ensuring good effluent quality.
- 2. Fast filtration speed: With a special mesh structure and method, it filters faster than traditional equipment, handling large volume water in a short time.
- 3. Automatic backwash: Equipped with this function, it cleans the mesh during filtration, switches modes during backwash, and uses reverse flow to remove impurities.
- 4. Stable and reliable operation: Simple structure, low maintenance. Advanced controls and sensors monitor real - time status for safe operation.
- 5. Wide application: Applicable to drinking water, aquaculture water, sewage, industrial wastewater and other water - treatment fields.

Model	ED-PP-30	ED-PP-60	ED-PP-100	ED-PP-150	ED-PP-200	ED-PP-300
Flow Rate/H	30T/h	60T/h	100T/h	150T/h	200T/h	300T/h
Filtration Precision			74μm (2	00 mesh)		
Water Pump	≥30T/H	≥ 60T/H	≥ 100/H	≥ 150T/H	≥ 200T/H	≥ 300T/H
Water Volume	30m³	60m³	100m³	150m³	200m³	300m³
Size (mm)	1050*850*770	1050*850*770	1630*1120*1120	1990*1120*1120	1900*1800*1700	2350*1800*1700
Water Inlet (mm)	110	160	160-200	200	200	315
Water Outlet (mm)	110	160	160-200	250	250	315
Drum size (mm)	ф 510*390	ф 800*745	ф 800*1094	ф 800*1444	ф 1350*1110	ф 1350*1500
Motor Power (KW)	0.12	0.37	0.55	0.65	0.75	0.75
Pump Power (KW)	0.37	0.55	0.75	0.75	1.5	1.5



► INTRODUCE

- 1. Water Quality Optimization: Removes impurities, breaks down harmful substances, and controls algae growth for clearer water.
- 2. Aquatic Life Support: Creates a stable water environment, increases dissolved oxygen, and aids survival/reproduction.
- 3. Landscape Enhancement: Blends with garden styles and adds dynamic (water features like fountains/waterfalls) for beauty.
- 4. Energy/Water Efficiency: Reduces water change frequency, uses energy-saving equipment to cut costs.
- 5. Easy Maintenance: Simple operation, high automation, and low regular upkeep costs.



Model	Brush Filter Box	K5 Filter Media Box	Microbial Box	Cotton Filter Box	Drum Filter Box	
Flow Rate/H			30T/h			
Filtration Precision	74μm (200 mesh)					
Water Pump		≥ 30T/H				
Water Volume	30m³					
Size (mm)			850*710*810			
Water Inlet (mm)			110			
Water Outlet (mm)			110			
Motor Power (KW)	-	-	-	-	0.5kW	
Pump Power (KW)	-	-	-	-	0.65kW	

Protein Skimmer



- 1. Multi water vapor mixing technique produces rich and delicate bubbles. More efficient.
- 2. Saves water by discharging foam directly without cleaning. More Practical and Environmentally Friendly.
- 3. Trouble free structure, no maintenance required, long lasting lifespan.
- 4. Additional discharge function for big particles.
- 5. Remove at least 80% of the remaining bait, excrement, colloids, and other organic substances. Reduce the biological treatment burden to ensure safe water quality.
- 6.Increase oxygen level in water and biological treatment efficiency.
- 7. Removes hazardous gases and organic acids, stabilizes water's pH.
- 8. Performs the same functions as the Ozone Generator, including disinfection, sterilization, and algae removal, while strengthening the effect of protein separation.







PARAMETER

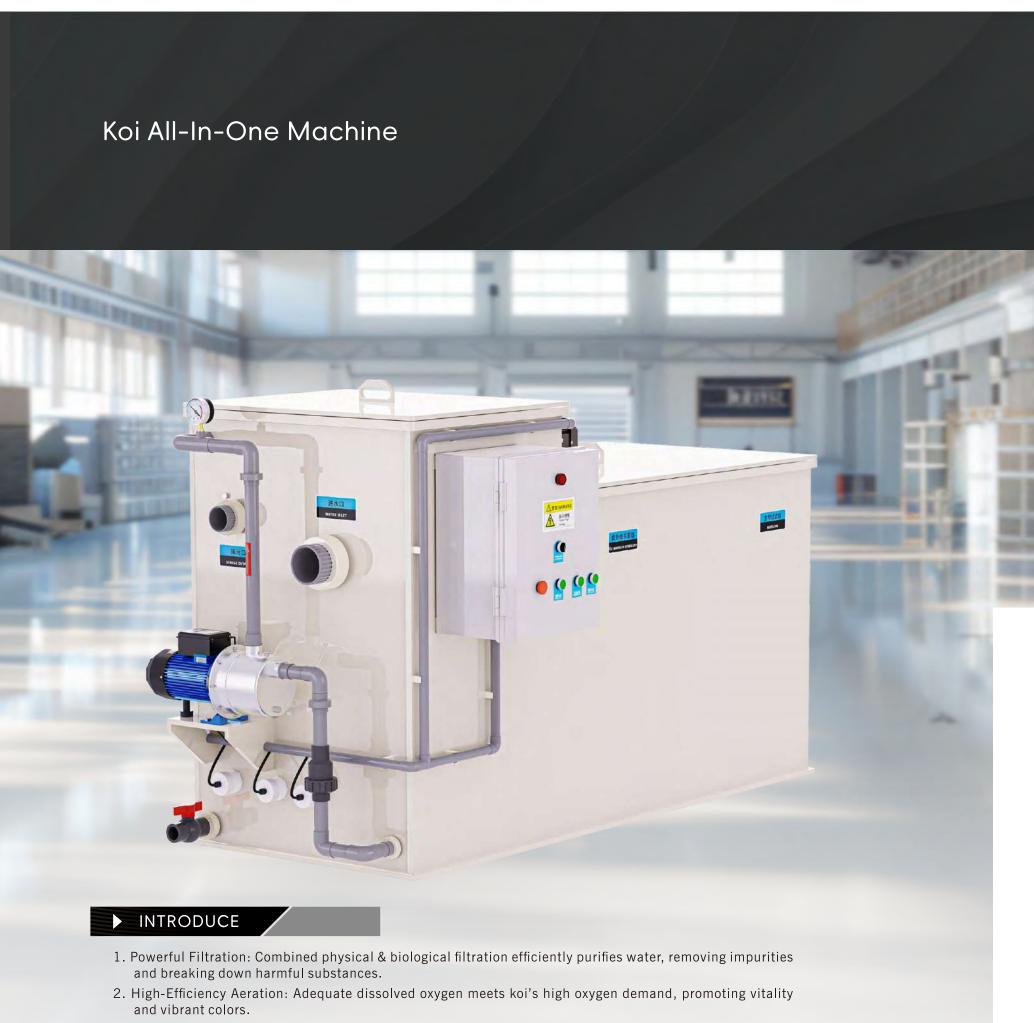
Model	EP-S-30	EP-S-60	EP-S-100	EP-S-150	EP-S-200	EP-S-250	EP-S-300
Flow Rate/H	30T/h	60T/h	100T/h	150T/h	200T/h	250T/h	300T/h
Net Size (mm)	750*2800	800*2800	950*2800	1200*2800	1450*2800	1580*2800	1780*2800
Max Size (mm)	950*2700	[1050*2800	[1050*2800	1450*2800	1700*2800	1900*2800	2100*2800
Water Inlet (mm)	110	160	160	160	200	250	250
Water Outlet (mm)	160	160	200	200	250	315	315
Jet Pump Power	1 unit 0.75kw	1 unit 0.75kw	1 unit 1.1kw	2 unit 1.1kw	3 unit 1.1kw	3 unit 1.1kw	3 unit 2.2kw
Needle Brush Pump Power	1 unit 0.75kw	1 unit 0.75kw	2台 0.75kw	2 unit 0.75kw	2 unit 0.75kw	3 unit 0.75kw	5 unit 0.75kw

Accessories Equipped with jet system (ozone, pure oxygen, air interface)

High Density Aquaculture Equipment · Manufacturer

Solution Design | Production Development | Installation and Commissioning | Technical Training







Model	LIWLJ-10T	LIWLJ-30T			
Filtration Precision	74μm (200 mesh)	74μm (200 mesh)			
Water Pump	≤10T/H	≤30T/H			
UV Lamp	3	3			
Size	1470*450*888mm	2600*750*1200mm			
Size of Water inlet&outlet	De50 / De50	De110 / De110			
Drum Size	[320*350mm	₫550*390mm			
Pump Powe	0.37KW	0.37KW			
Motor Power	0.12KW	0.12KW			
Internal Components	Drum Filter + UV Sterilization + Brush + Filter Cotton				

- 3. Smart Control: Automatic water change, cleaning, and aeration simple operation for hassle-free farming.
- 4. Space-Saving Design: Integrated compact structure is ideal for small-space aquaculture, keeping environments tidy.
- 5. Fish-Safe Protection: Gentle water flow and non-toxic materials ensure koi safety and healthy living.







Model		30T	60T	100T
Size (mm)	2000*600*1200	2000*800*1200	2000*1000*1200
Inlet Diameter (mm)	110	160	200
Outlet Diameter (mm)	110	160	200
Filter Material		Brush Filt	er, Biochemical Filtration, Vin	e Cotton

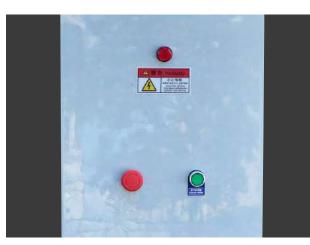
- 1. This system combines the advantages of traditional fluidized bed and biological contact oxidation. Aeration and water flow keep the carrier fluidized, with bio film inside, fully using both attached and suspended phase organisms' superiority.
- 2. Large effective specific surface area, suitable for microbes' adsorption and growth. Strong applicability, wide range—used for organic matter or nitrogen/phosphorus removal.
- 3. Aeration system is easy to operate and maintain. Perforated aeration pipe—hardly gets blocked, simple to
- 4. Bioreactor: no blockage, no dead ends. Filler and water flow mixes entirely, fully utilizing volume, eliminating
- 5.Long lasting. High quality biological fillers, aeration and outlet devices ensure long term use (no need for replacement), low depreciation.

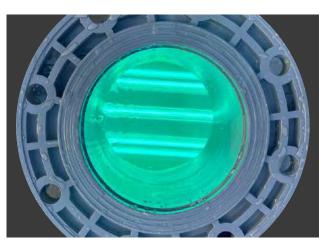
Ultraviolet Sterilizer



- 1. High Efficiency: efficiently eliminate algae, virus and various bacteria reaching 99% sterilization rate.
- 2. High Quality: up to 9000h lamp lifespan.
- 3. Good Stability: support 24h continual and stable operation.
- 4. High Reliability: ultraviolet output utilized rate up to more than 95% for higher reliability in sterilization.
- 5. Strong Practicability: applicable in various industries with advantages such as lower operation charges, more simple operation and maintainance, smaller size, and silence.





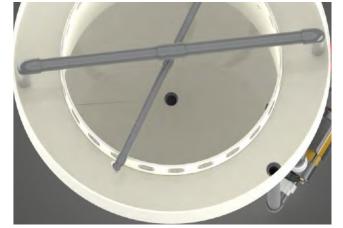


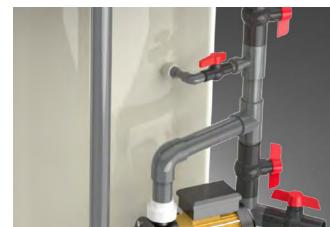
Model	EUV – PVC -30-AR	EUV – PVC -60-AR	EUV – PVC- 80-AR	EUV – PVC -100-AR	EUV – PVC- 150-AR	EUV – PVC- 200-AR	
Water Volume	30m³/h	60m³/h	80m³/h	100m³/h	150m³/h	200m³/h	
Lamp power	80W	120W	120W	120W	150W	150W	
Lamp Lifetime		9000h					
Lamp Qty	3	3 6 8 9 8					
Inlet Diameter (mm)	110	160	160	200	200	250	
Outlet Diameter (mm)	110	160	160	200	200	250	
Material	UPVC						



- oxygen demands of fish eggs and fry.
- 3. Prevent disease transmission: Filter and disinfect hatching water to reduce disease spread and improve fry
- 4. Facilitate management and observation: Enable managers to observe fish egg development, promptly identify
- 5. Improve hatching efficiency: Compared with traditional hatching methods, fish egg incubators achieve large scale hatching, increasing hatching rates and reducing production costs.







Model	700	800	900	1000	1200	1500	
Filtration Precision		200 mesh					
Pump		TDA/100					
Fry hatching capacity per batch	300,000 fish	400,000 fish	500,000 fish	600,000 fish	800,000 fish	1000,000 fish	
Size	ф 1050*1200	ф 1150*1200	ф 1250*1200	ф 1350*1200	ф 1550*1200	ф 1850*1200	
Pump Power			750	OW			
Voltage	220V 30A						
Power			750	O W			











Model		SH-PP-30	SH-PP-60	SH-PP-80
Flow Rate		30m³/h	60m³/h	80m³/h
Media-K5 MBBR		lm³	2m³	
Size	(mm)	Ф1630*2280	Ф2400*2470	Ф1500*2300*2
Inlet Diameter	(mm)	110	160	110
Outlet Diameter	(mm)	110	160	110

► INTRODUCE

- 1. Water purification: physical and biochemical filtration eliminate impurities and harmful substances, purifying water.
- 2. Efficient bacteria culturing: Ample interior space and filter materials nurture probiotics (like nitrifying bacteria), boosting purification.
- 3. Quiet operation: Optimized for low noise, non disruptive to life and work.
- 4. Flexible installation: Compact design, installable flexibly per fish tank, fits diverse scenarios.
- 5. Easy maintenance: Reasonable structure, simple assembly/disassembly—ordinary users can maintain it effortlessly.

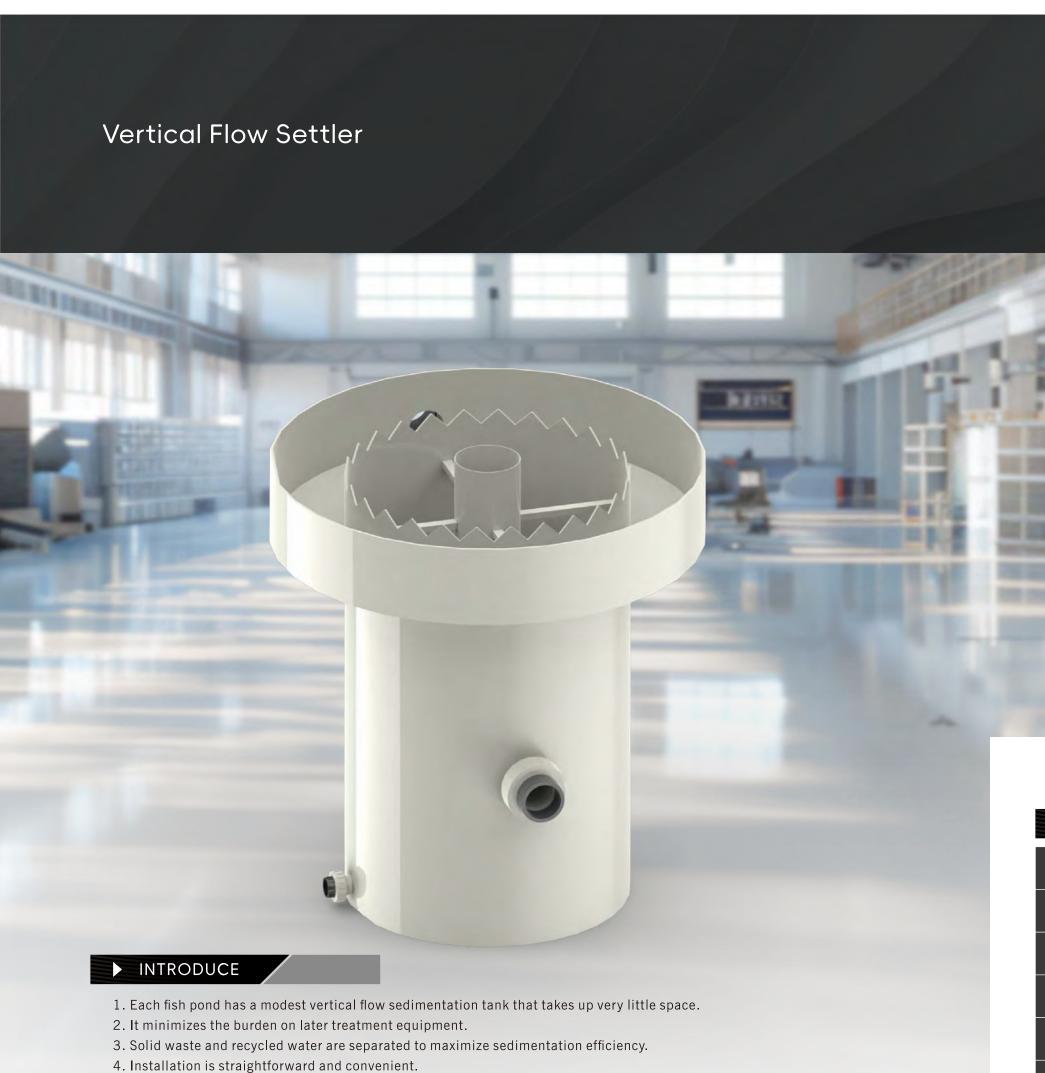






Model		SLQ-PP-30-AR	SLQ-PP-60-AR	SLQ-PP-100-AR
Flow Rate		30T/h	60T/h	100T/h
Size	(mm)	650*1250	900*1250	1200*1450
Inlet Diameter	(mm)	75	110	160
Outlet Diameter	(mm)	75	110	160
Sewage Outlets	(mm)		50	

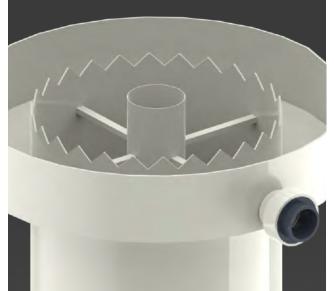
- 2. It minimizes the burden on later treatment equipment.
- 3. Solid waste and recycled water are separated to maximize sedimentation efficiency.
- 4. Installation is straightforward and convenient.
- 5. Rising particles are caught and filtered, with the mud discharged on a regular basis.



5. Rising particles are caught and filtered, with the mud discharged on a regular basis.



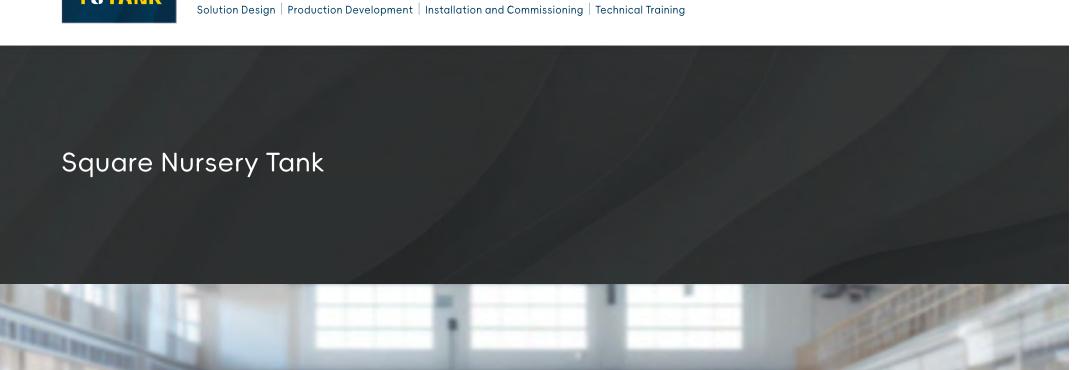




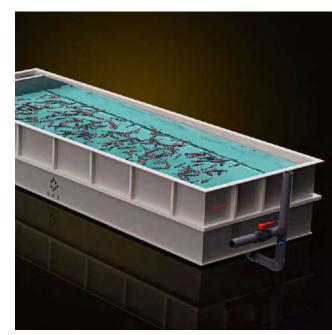
Model	SLL-PP-30-AR	SLL-PP-60-AR	SLL-PP-100-AR	
Flow Rate	30T/h	60T/h	100T/h	
Size (mm)	600/830 * 1250	850/1320 * 1420	1000/1500 * 1420	
Inlet Diameter (mm)	75	110	160	
Outlet Diameter (mm)	75	110	160	
Sewage Outlets (mm)	50	50	75	

INTRODUCE

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1. Made of high molecular PP plastic, which is safe, environmentally friendly, and non-toxic, with a smooth surface that resists corrosion and aging.

- 2. Square and efficient space usage. Clean sewage discharge, and simple operation.
- 3. Suitable for fingerling hatching, fingerling raising, and seafood farming, among other applications.
- 4. Simple inlet and outlet connections, with simple installation and operation.
- 5. Effectively prevent leaks, corrosion, and cracks while maintaining superior strength and lasting durability.
- 6. The nursery tank has the following dimensions: 2*5*1m, 2*6*1m, and 2*8*1m, which may be customized to any size.

PARAMETER			
	$D \wedge D$	A	
	PAR	$\mathbf{A} \mathbf{N} \mathbf{I} \mathbf{F}$	- I F K

		Length	2		
Size (m)	Width		5		
		Height	1		
Main		Material	PP/PILYPROPYLENE		
Performance Paeameters	Lifespan	10 YEAR			
		Process	Carving Welding	Manual Welding	





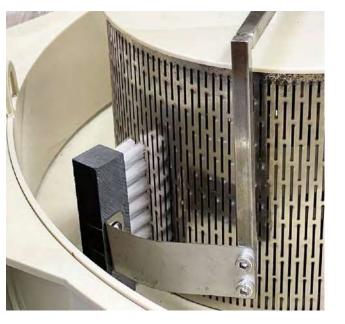




pollution and maintaining relatively stable water quality.











to maintain ecological balance.

High Density Aquaculture Equipment · Manufacturer

Solution Design | Production Development | Installation and Commissioning | Technical Training

















- ► PARAMETER
- Advanced technology, energy efficient, saves over 30% electricity than traditional fans.

 Dynamic air bearing, no grease, lasts 5x longer than ball bearings, prevents water pollution.

 Low cost, no maintenance except filter cotton.

 Noise < 80dB, no vibration, offers clean green work environment.

 Easy installation, skid mounted, small footprint, no foundation.

Convenient operation, integrated touchscreen for precise control, remote - operable.

- 2. The air suspension aerator rapidly increases oxygen, effectively improving aquaculture density.
- 3. Accelerate water circulation and enhance bait utilization rate.

and environmentally - friendly blower product.

4. Accelerate the inorganic transformation of organic matter in water, stabilize water quality and purify water body.

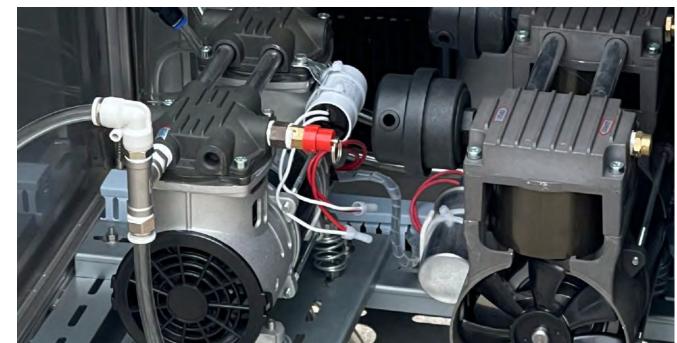
1. Relying on aviation technology and adopting aerodynamic design, it is a new - type high - efficiency energy - saving

5. The best solution to meet the all - weather oxygen - increasing and oxygen - supplying demands.



and nitrite levels, further improving water quality.

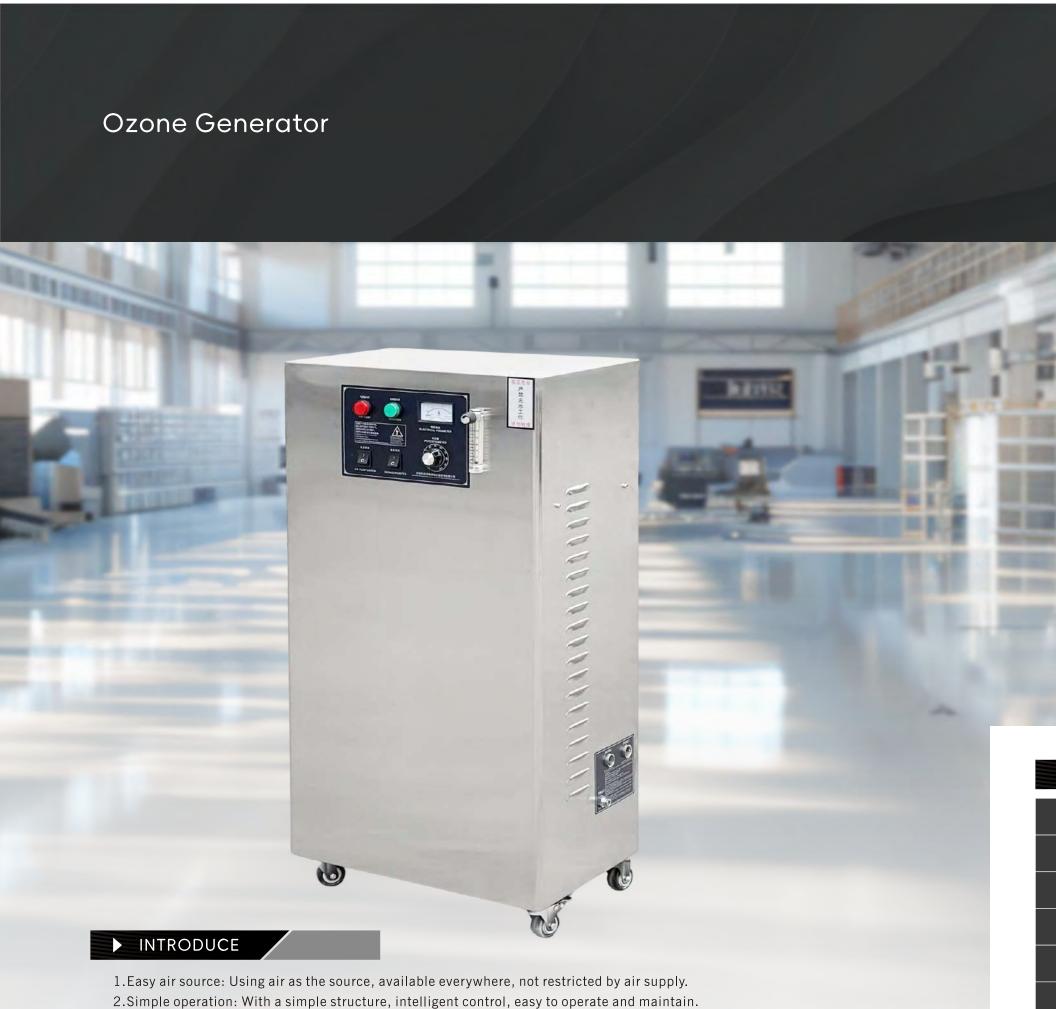




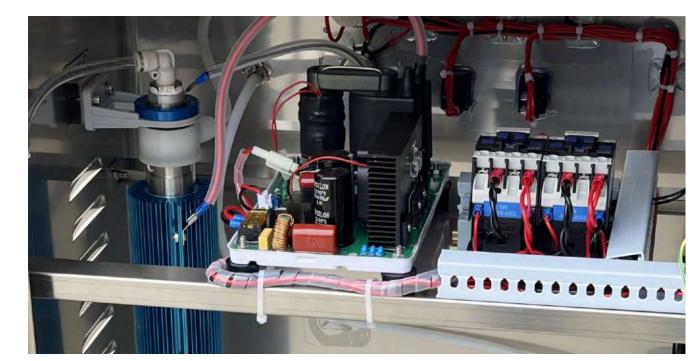
Model	SQ-ZYJ-10L SQ-ZYJ-20L		SQ-ZYJ-30L	SQ-ZYJ-40L	
Power	800W	800W 1760W		3120W	
Air Outlet Diameter	10MM				
Air Outlet Pressure	0.3MPA/0.08MPA				
Oxygen concentration	92±2%				
Oxygen Output	10L/MIN	20L/MIN	30L/MIN	40L/MIN	
Weight	52.5KG	100KG	135.5KG	162.5KG	
Size	500*400*900MM 800*500*1300MM 1000*500*1300MM		1000*500*1300MM	1200*500*1300MM	

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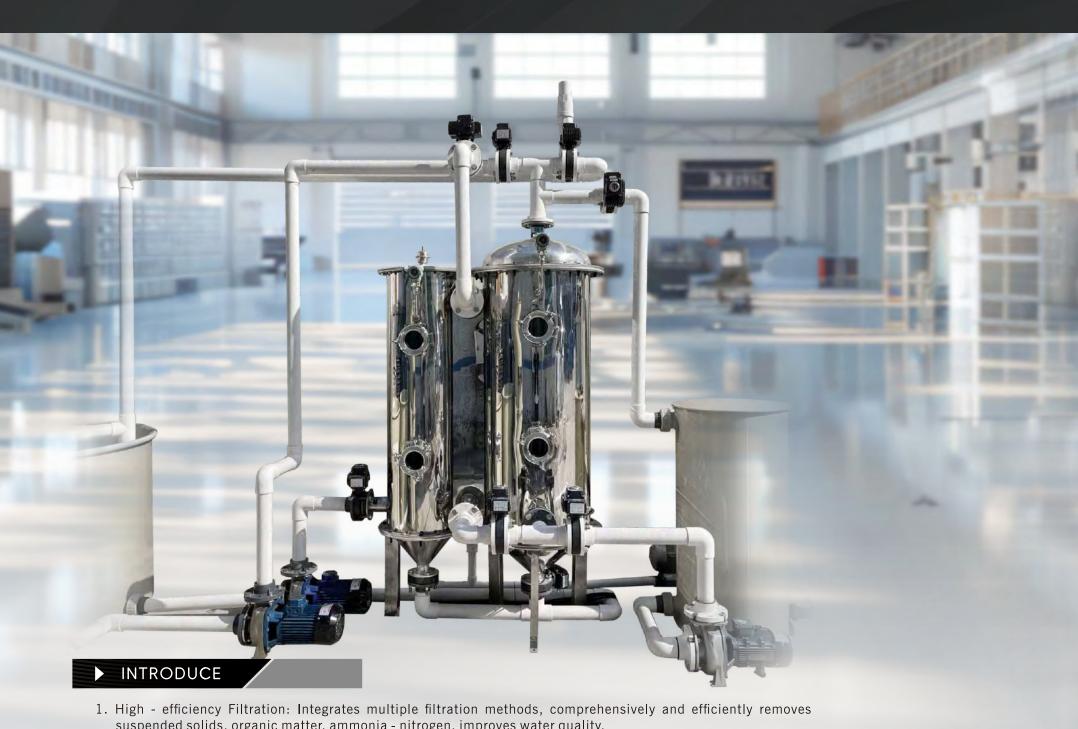




Model	SQ-15	SQ-20	SQ-30	SQ-40	SQ-50
Ozone Output	15G/H	20G/H	30G/H	40G/H	50G/H
Ozone Concentration	15-25MG/L	15-25MG/L	15-25MG/L	15-25MG/L	15-25MG/L
Power (w)	280	360	450	520	580
Built-in Air Pump Flow	55L/MIN	70L/MIN	82L/MIN	82L/MIN	82L/MIN
Interface Size (mm)	8	8	8	8	8
Weight (KG)	20	22	25	25	25
Size (mm)	500*380*855	500*380*855	500*380*855	500*330*1025	500*330*1025

- 3. Low cost: Air is free, eliminating the costs of air source procurement, storage and transportation.
- 4. High safety: Not pure oxygen or other flammable gas sources, no risk of explosion or fire.
- 5. Strong adaptability: Adapts to various temperatures, humidities and indoor / outdoor environments, stably producing ozone in these conditions.





- suspended solids, organic matter, ammonia nitrogen, improves water quality.
- 2. Space saving: Integrates multiple filtration functions into one device, reduces system footprint, suits aquaculture sites with limited space.
- 3. Simple Operation: Simple structure, automatic operation, only needs simple settings and regular checks, reduces labor intensity and technical requirements.
- 4. Water and Energy Conservation: Recycles aquaculture water, reduces water waste, achieves water purification cycle with low energy consumption, cuts costs.
- 5. Disease Reduction and Yield Increase: Effectively removes harmful substances like pathogens, reduces disease spread, enhances aquaculture organisms' immunity, improves yield and quality.







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Part Case

Integrity forges quality, innovation leads the future











Integrity forges quality, innovation leads the future



