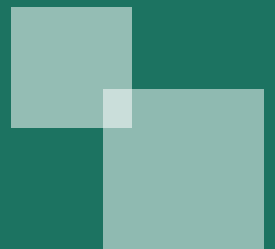# QLOZONE

FASHION 2024

QLOZONE

Features:Efficient,Perfect,Excellent
Service tenet:Quality First,Customer First
Business Philosophy:Integrity,Professional,Service,Win-win

We have been focusing on the design, development, and production of circulating water treatment equipment, providing customers with system solutions and equipment solutions

启 立 环 保

广州启立环保设备有限公司
Guangzhou Qili Environmental Equipment Co.,Ltd.

CONTENTS

QLOZONE

Integrated pool water purifier series
Professional water treatment equipment solutions

Take it home and escort your pool water quality

→ Good equipment,
let you enjoy the beauty of the water

Product Features

■ Equipped with filters, water pumps, disinfectors, electric valves, etc

■ Configuration can be selected according to needs

■ Equipped with automatic filtering/backwashing, disinfection, and water quality monitoring functions

■ Equipped with fault protection and alarm functions

■ Monitor and display water quality status such as pH/ORP and temperature

■ Small footprint; Easy to install, labor-saving, and easy to operate with peace of mind

■ Suitable for private villa swimming pools, homestay swimming pools, massage pools, etc

Strong water purification
YOUR PERSONAL POOL BUTLER

Water quality manager
Save time, effort and worry

Model & size

Model	Device configuration			inlet/outlet (inch)	Qmax (m3/h)	Overall Size (mm)	Weight of filter media (kg)	Equipment can be added
	Filter Size	Pump Size	Basic functions					
LDP500	Φ500	0.75HP/220V	1.Cycle filtering 2.Timed automatic backwash 3.Display :PH+ water temperature 4.Water flow switch protection 5. Fault protection and alarm	1.5"	10	1500*750*1160	80	1.Massage/backup pump 2.Disinfection method is optional -Cu-ag ion -Uv sterilizer -Salt chlorine generator -Ozone generator etc.
LDP600	Φ600	1.0HP/220V		1.5"	15	1500*750*1160	125	
LDP700	Φ700	1.5HP/220V		1.5"	20	1500*750*1160	190	
LDP800	Φ800	2.0HP/220V		2.0"	25	1800*1050*1460	350	
LDP900	Φ900	2.0HP/220V		2.0"	30	1800*1050*1460	420	
LDP1000	Φ1000	3.0HP/220V		2.0"	35	1800*1050*1460	620	

QLOZONE

Copper silver ion purification and filtration system

PROTECTING WATER QUALITY
No toxic side effects
safe and reliable

Good for pool water quality

Function

The system integrates circulation, filtration, disinfection and automatic backwashing control of sand tank. The operation is simple and intelligent. Suitable for all kinds of landscape pools, swimming pools, rainwater collection and water parks, especially suitable for private villa pool, small pool, SPA pool, baby pool ect.

Advantage

1. The filter can be selected according to the size of the water；
2. Optional manual valve/electric valve group control mode；
3. The matching pump has a suction range of 2.5 meters to solve the installation problem of ground type/above the level
4. The disinfection equipment is preferred copper silver ion sterilizer, non-toxic side effects, long-term sterilization and bacteriostasi；
5. When the pressure gauge with monitoring operation pressure is matched with the electric valve group, the combined use of the intelligent controller can control the automatic backwashing function of the sand cylinder, which is simple, intelligent and convenient, and has strong operability

Model & size

| Model | Device configuration | | | Qmax (m3/h) | inlet/outlet (inch) | Overall Size (mm) |
	FilterSize	PumpSize	Cu−ag ion size			
LDH0815/40	Φ800*1500	1.5HP/220V	CS−40/5kg	10~15	2"	1500*750*1160
LDH0915/60	Φ900*1500	2HP/220V	CS−60/7kg	15~20	2"	1500*750*1160
LDH1015/80	Φ1000*1500	3HP/220V	CS−80/9kg	20~25	2"	1500*750*1160
LDH0815/80	Φ1200*1500	4HP/380V	CS−80/9kg	30~35	2"	1800*1050*1460

Basic functions

1. Cycle and filter
2. Timed automatic backwash
3. Copper and silver ion disinfection
4. Water flow switch protection
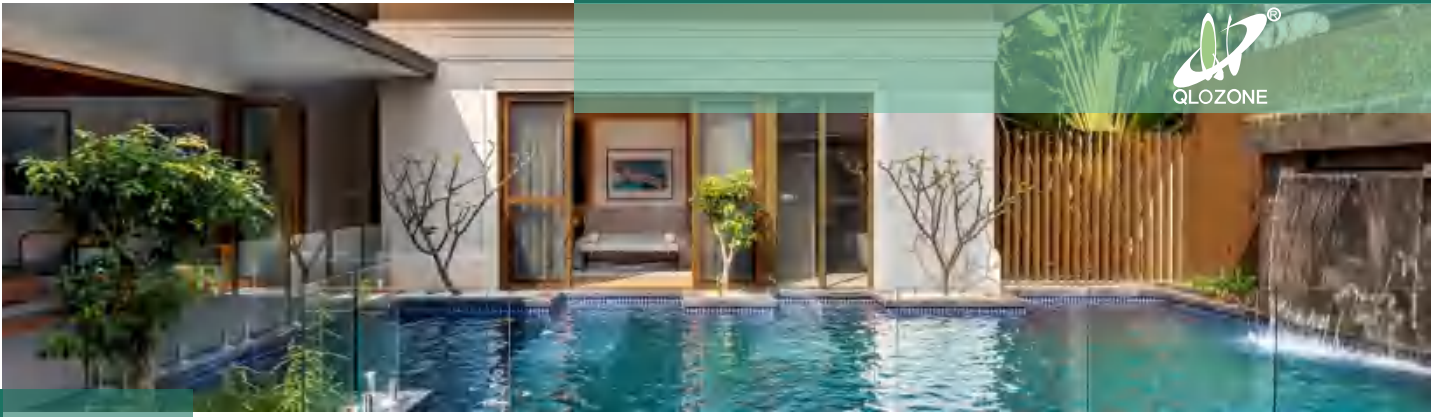
Function

This system integrates circulation, filtration, and disinfection, with simple operation and intelligent control. Suitable for various specifications of garden landscape pools, swimming pools, rainwater collection, and water sports,Garden and other occasions, especially suitable for private villa swimming pools, homestay small swimming pools, SPA pools, baby swimming pools, etc.

Advantage

◆ Filters can be selected according to the size of the water body;

◆ The matching water pump has a suction head of 0.5~2.5 meters, solving the installation problem of ground type/above horizontal level;

◆ The preferred disinfection equipment is a copper silver ion disinfector, which has no toxic side effects and long-term bactericidal and antibacterial properties;

◆ Pressure gauge with monitoring operational pressure

valve

Sand filter

Copper silveriondisinfector

Water circulating pump

Model & size

Model	Device configuration			Qmax (m3/h)	inlet/outlet (inch)	Overall Size (mm)	Filter weight (kg)
	Filter Size	Pump Size	Cu–ag ion size				
STD400/20	Φ400	0.5HP/220V	CM–20/0.6kg	8	1.5"	780*430	35
STD500/20	Φ500	0.75HP/220V	CM–20/0.6kg	10	1.5"	840*540	80
STD600/20	Φ600	1HP/220V	CM–20/0.6kg	15	1.5"	900*570	125
STD700/40	Φ700	1.2HP/220V	CM–40/5kg	20	1.5"	980*700	190

Integrated pool water purifier series

Professional water treatment equipment solutions

Intelligent backwash buried filtration system

Function

Integrated water treatment system with circulating filtration, disinfection and automatic control backwash functions. The system adopts integrated combination, convenient installation, saving time and labor; Intelligent controller set a variety of modes and time periods can be selected, applicable to different requirements; The intelligent controller adopts microcomputer control to realize fully automatic operation.

Advantage

Circulating water treatment, aquaculture, swimming pool water treatment, aquarium, rainwater collection water treatment, garden landscape treatment, etc.

Model & size

| P/N | L*W*H(MM) | Model | Device configuration | | | | Control mode | inlet/outlet (inch) | Filter area m³/h |
			Filter Size	Pump Size hp/kw	Qmax (m³/h)	Disinfection			
674105	1050*850*800 (DM04型)	DMC500A	500mm	1HP/0.75kw	10	Automatic drug dispenser		1.5"	0.2
671101	1300*1240*960 (DM01型)	DMC500	500mm	1HP/0.75kw	10		Manual Control Backwash	1.5"	0.2
671102		DMC600	600mm	1.2HP/0.9kw	15			1.5"	0.3
671105		DMC700A	700mm	1.5HP/1.1kw	19			1.5"	0.37
672101	1580*1480*1200 (DM02型)	DMC700	700mm	1.5HP/1.1kw	19			1.5"	0.37
672102		DMC800	800mm	2HP/1.5kw	25			2.0"	0.5
672103		DMC900A	900mm	2.5HP/1.85kw	30			2.0"	0.64
673103	1750*1650*1450 (DM03型)	DMC900	900mm	2.5HP/1.85kw	30			2.0"	0.64
673101		DMC1000	1000mm	3HP/2.2kw	35			2.0"	0.79
671103	1300*1240*960 (DM01型)	DMP500	500mm	1HP/0.75kw	10	Automatic drug dispenser	automatic control backwash	1.5"	0.2
671104		DMP600	600mm	1.2HP/0.9kw	15			1.5"	0.3
672104	1580*1480*1200 (DM02型)	DMP700	700mm	1.5HP/1.1kw	19			1.5"	0.37
672105		DMP800	800mm	2HP/1.5kw	25			2.0"	0.5
672106		DMP900	900mm	2.5HP/1.85kw	30			2.0"	0.64
673102	1750*1650*1450 (DM03型)	DMP1000	1000mm	3HP/2.2kw	35			2.0"	0.79

1340*1240*960mm
Model:DM01

1580*1480*1200mm
Model:DM02

1750*1650*1450mm
Model:DM03

1050*850*800mm
Model:DM04

Automatic backwash controller

Product Features

- ■ Can switch between manual/automatic modes as needed
- ■ Running status display for easy management;
- ■ Adjustable filtering and backwashing time
- ■ Fault operation alarm function;
- ■ Easy to operate and understand;
- ■ Suitable for any size of four position electric valve group;
- ■ Optional 485 communication function; Intelligent microcontroller mode, stable and reliable

Model:FAC01

D **A**

C **B**
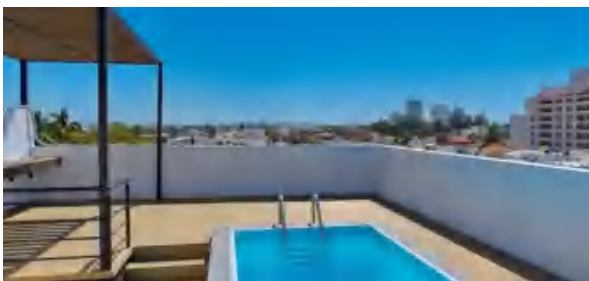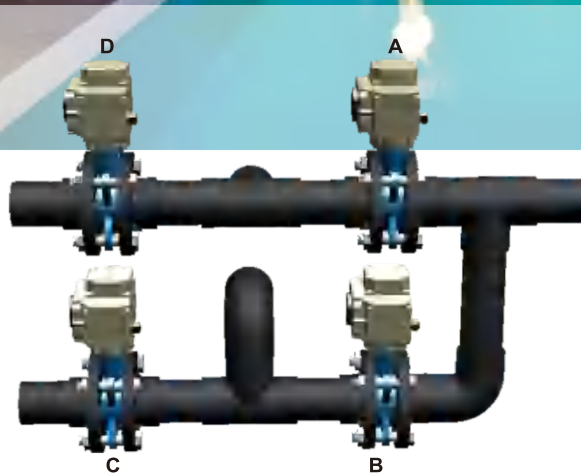
Product Features

4 way butterfly valve function sheet

Function	A	B	C	D
Filter	open	close	open	close
Backwash	close	open	close	open
No filter drainage	open	close	close	open
No filter cycle	close	open	open	close

Model	Name	P/N	Size(inch)
FC4–2D	4-way control electric group valve	619211	2"
FC4–3D		619212	3"
FC4–4D		619213	4"
FC4–6D		619214	6"
FC4–8D		619215	8"

Automatic backwash controller

PROTECT THE WATER QUALITY OF YOUR SWIMMING POOL

COPPER AND SILVERION GENERATOR

Maintenance-free
Non-toxic side effect
# Long-term bactericidal and algal inhibition

Safe/Stable/Efficient

Copper silver ion disinfector

Copper ions and silver ions produced by the electrode are released into the water to kill bacteria and viruses, non–toxic side effects, long–term sterilization; Safe and reliable time segment control, humanized design

Advantage

Pool ecological disinfection, keep the use of chemical chlorine to a minimum so that your pool water environment is safe, odorless, non–toxic, does not irritate eyes, skin, clear and odorless

Power AC 220V   Copper–silver controller

Copper–silver ion electrolyzer
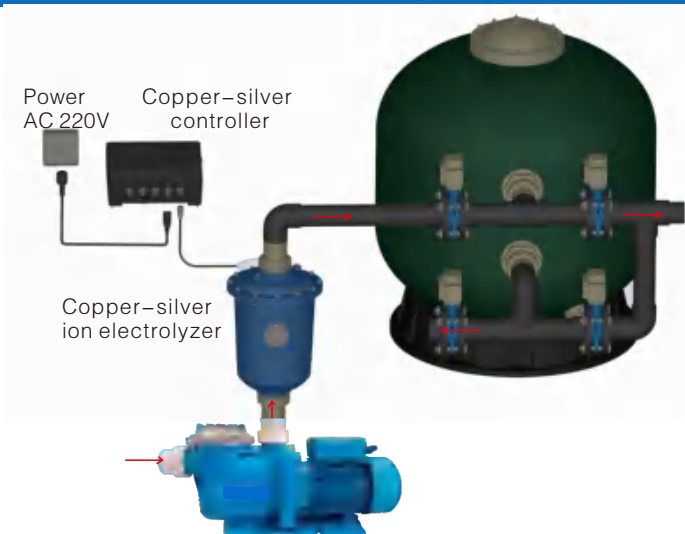
「 Microcomputer controller 」

Microcomputer intelligent design, simple operation. Automatic/manual design, convenient and fast with the control of the sand cylinder automatic backwash function, easy to use, operation more worry

CM SERIES

CS SERIES

Model	Electrode specification	Suitable for swimming pool	Current–mode	Controller
CM–20	0.6kg	20m^3	Immobilization	LCD panel displays real–time working status
CM–40	1kg	40m^3		
CS–40	5kg	50~80m^3	Adjustable	
CS–60	7kg	80~120m^3		
CS–80	9kg	120~200m^3		

QLOZONE

Automatic backwash controller

Automatic dosing pump has the function of injecting chemicals into the pipeline system. It is a microprocessor–controlled, digital display electromagnetic diaphragm metering pump; the metering pump is compatible with most chemicals and has a long service life; the dosage can be adjusted through the flow control plus and minus buttons, and the operation is simple; and the design work is done at the same time The status display light allows you to check the working status at any time. It is easy to use, simple to operate, and the operation is stable and reliable.

◆ Flow rate is adjustable; flow rate digital display
◆ Set up exhaust port, safe and considerate design
◆ Suction lift up to 3 meters
◆ The medicine nozzle is made of PVDF material, which is
   super corrosion–resistant and extends the service life.
◆ Permanently lubricated ball bearing motor

P/N	Model	Pipe pressure bar	Flow rate L/H	Power source	Package size mm	Weight kg
643201	FYT01	0	20	220V 50/60Hz 100W	240*240*190	3
		0.5	15			
		1	9			
		3	4.5			

Salt chlorine generator

Economy: Cheap salt is used as raw material to generate pure chlorine online without purchasing chemical chlorine, saving chemical storage, dosing pumps and water quality monitors.

Advancement: Among the existing chlorine disinfection methods, it has higher purity, better erformance, and is safer and more reliable than the chlorine contained in liquid chlorine, granular and powdered chemical chlorine, chlorine tablets and chlorine pills.

Practicality: Water disinfection and water softening are carried out at the same time, without irritation to eyes and skin.

Reliability: The human body contains salt, the human body consumes salt, and table salt is the main raw material for softening water. This system is the most natural and safest way to disinfect.

P/N	Model	Output g/h	Swimming pool volume m^3
645101	F-X15	15	40
645102	F-X20	20	60
645103	F-X30	30	80
645104	F-X50	50	100

Air Source Ozone Generator

Model	Ozone production	Rated power	Scope of application	Outlet gas flow	Ozone oncentration	Use air source	Equipment size cm	Panel
OZ–5G	5G	80W	30–70m^2	16L	15–25g/m^3	Air source	23*18*46.5	Manual operation
OZ–10G–D	10G	140W	0–200m^2	40L	15–25g/m^3	The air source can be used as an external oxygen source	32*25*54	Liquid crystal
OZ–15G	15G	250W	50–100m^2	50L	15–25g/m^3		40*30*62	
OZ–20G	20G	280W	150–250m^2	50L	15–25g/m^3		40*30*62	
OZ–30G	30G	350W	200–300m^2	60L	15–25g/m^3		40*30*72	
OZ–50G	50G	600W	300–400m^2	58L	15–25g/m^3		50*40*91	
OZ–100G	100G	1040W	500–700m^2	75L	15–25g/m^3		50*40*123	

Oxygen Source Ozone Generator

Model	Ozone production	Rated power	Applicable water quantity	Oxygen Flow	Ozone concentration	Cooling mode	Input air flow	Ozone outlet pressure	Equipment size cm
OZ–10G	10G	510W	1~3m^2/h	2~3L	60~80mg/L	Air cooling	58L/min	0.03–0.05	23*18*46.5
OZ–15G	15G	630W	3~5m^2/h	3L	60~80mg/L		58L/min	0.03–0.05	32*25*54
OZ–20G	20G	730W	5~10m^2/h	4L	60~80mg/L	water– cooling	75L/min	0.03–0.05	40*30*62
OZ–30G	30G	750W	10~15m^2/h	6L	60~80mg/L		75L/min	0.03–0.05	40*30*62
OZ–50G	50G	945W	20~30m^2/h	10L	60~80mg/L		150L/min	0.05–0.06	40*30*72
OZ–100G	100G	1900W	50~70m^2/h	20L	60~80mg/L		180L/min	0.05–0.06	50*40*91

Pool Controller

Conventional artificial dosage is unstable and contains insufficient chlorine/bromine, making it easy for bacteria and algae to breed. Using a fully automatic monitor, it consumes less than 1 kilowatt hour of electricity per day, does not require manual labor, and automatically controls water quality. It is an ideal product for commercial and household swimming pools. Applicable to different chemicals, varieties include: chloride salt, liquid chlorine. Use the button to select to turn on or off the ORP or PH function. The screen displays the probe status, making it easier to understand problems with the probe. Commonly used disinfectants in domestic swimming pools: liquid chlorine, sodium hypochlorite , calcium hypochlorite and chlorine tablets.

Water quality monitor monitors PH/(residual chlorine)

Automatic/Bromine off-Line feeder

Model:CL–100
Size:4.5 pound

Model:CL–200
Size:9 pound

Model:CL–500
Size:50 pound

Model:CL–800
Size:80 pound

Model:CL–1000
Size:100 pound

Base

Upper cover

Entirety

Barrel body

Share water quality anytime, anywhere

MULTI-PARAMETER WATER QUALITY DETECTOR

FSZ-30

QLOZONE

Multi parameter water quality
monitoring and control instrument

The multi-parameter water quality detector includes an RS485 interface and supports the modbus protocol. It can be connected to a large water quality screen for remote real-time monitoring, and can be viewed on both PC and mobile devices. It can store half a year's water quality data, and can be connected to the water quality monitoring platform of the Health Supervision Bureau. It can also push SMS alarms on mobile phones.
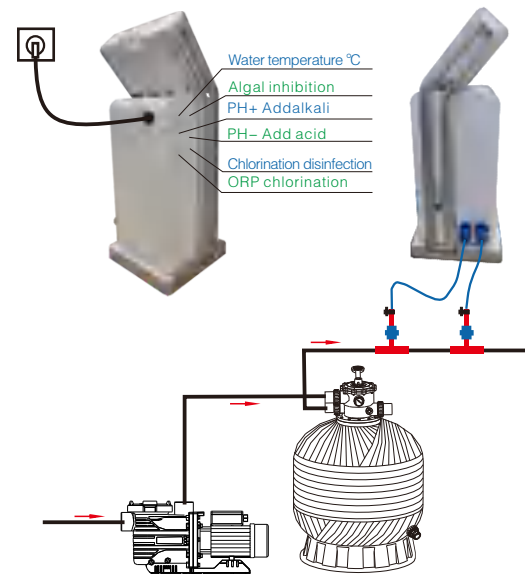
Function

The online water quality monitoring system can monitor various indicators closely related to the water quality and hygiene indicators of the swimming pool, such as water temperature, pH, ORP residual chlorine, turbidity, TDS, etc. in real−time. It can control the dosing pump that needs to be adjusted for each indicator, achieve automatic monitoring, automatic dosing, and control the monitoring indicators of the swimming pool water quality to be within the limits specified in relevant standards, to prevent excessive dosage caused by manual dosing.

Advantage

1. Adopting a system integration installation method combined with 485 remote network communication technology and APP mobile online monitoring functions.

2. The network communication module can transmit monitoring data in real-time to the network port specified by the customer, such as the data receiving port of the supervisory department.

3. The APP version allows users to remotely and real-time monitor water quality and make timely adjustments to the operation of the swimming pool.

Water temperature ℃
Algal inhibition
PH+ Addalkali
PH− Add acid
Chlorination disinfection
ORP chlorination

Measurement parameter	Unit	Measuring range	Precision
Water temperature	℃° c	0−50	0.1
Algal inhibition	min	0	1
PH	—— −	−14	0.01
ORP	mV	± 1000	1
Residual chlorine	mg/L	0−10	0.1
TDS	uS/cm	0−1000	1

P/N	Model	Testing items	Voltage V	L*W*H (mm)	Installation method
646401	FSZ10	PH+ORP	220	395*395*1000	Ground type
646402	FSZ20	PH+ residual chlorine	220	395*395*1000	Ground type
646403	FSZ30	PH+ORP+ Residual chlorine	220	395*395*1000	Ground type

Low pressure ultraviolet sterilizer

Function

UV–sterilization almost takes effect for all of the microorganisms, bacteria, viruses and algae . Fast sterilization, sterilization rate, the general micro–organisms and bacteria can kill within a few seconds; environmentally safe and no secondary pollution, pure physical sterilization, does not produce any other side effects, low operation and maintenance costs, continuous high flow disinfection, installation fast, simple, small footprint.

Application scope

Swimming pool, water park, a large swimming pool circulating water purification Landscape water, artificial lakes, natural lakes, fish ponds, aquaculture water purification Water, sewage, waste water treatment etc.

P/N	Model	Flow rate T/H	Power W	Number of lamps	Total power W	inlet/outlet (inch)	Pressure Mpa	UV/c	UV lamp life H	Remark
642101	UV2T–P	2	30	1	30	1″	0.6	30000	9000	230 light with fault indication, external ballast
642102	UV3T–P	3	40	1	40	1″	0.6	30000	9000	
642103	UV6T–P	6	80	1	80	1.5″	0.6	30000	9000	
642104	UV10T–P	10	120	1	120	1.5″	0.6	30000	9000	Built–in ballast, time accumulator, running line indicator, power switch and indicator light
642112	UV15T–P	15	150	1	150	2″	0.6	30000	9000	
642105	UV20T–P	20	120	2	240	2″	0.6	30000	9000	
642106	UV30T–P	30	150	2	300	2″	0.6	30000	9000	
642107	UV40T–P	40	120	4	480	4″	0.6	30000	9000	
642108	UV50T–P	50	150	4	600	4″	0.6	30000	9000	
642114	UV60T–P	60	120	6	720	4″	0.6	30000	9000	
642115	UV80T–P	80	150	6	900	4″	0.6	30000	9000	
642113	UV100T–P	100	120	10	1200W	5″	0.6	30000	9000	
642114	UV120T–P	120	150	10	1500w	6″	0.6	30000	9000	
642115	UV150T–P	150	150	12	1800w	6″	0.6	30000	9000	
642116	UV180T–P	180	150	14	2100w	8″	0.6	30000	9000	
642117	UV200T–P	200	150	16	2400w	8″	0.6	30000	9000	

Medium pressure ultraviolet sterilizer

ModelNO	Flow rate	Lamp Watts	Lamp QTY	Total power	Voltage	Inlet/Outlet Port	Reactor Size(mm)
UV-1KW-1	30m³/h	1KW	1	1KW	220V	DN100	L450*W280*H360
UV-2KW-1	50m³/h	2KW	1	2KW	220V	DN125	L525*W280*H380
UV-3KW-1	100m³/h	3KW	1	3KW	380V	DN150	L620*W350*H450
UV-2KW-2	200m³/h	2KW	2	4KW	220V	DN200	L525*W350*H450
UV-3KW-2	350m³/h	3KW	2	6KW	380V	DN250	L620*W500*H550
UV-3KW-3	450m³/h	3KW	3	9KW	380V	DN300	L650*W620*H625
UV-3KW-4	600m³/h	3KW	4	12KW	380V	DN350	L700*W620*H655
UV-3KW-5	850m³/h	3KW	5	15KW	380V	DN400	L700*W620*H755

P/N	Model	Flow rate T/H	Power W	Number of lamps	Total power W	inlet/outlet (inch)	Pressure Mpa	UV lamp life H	Remark
642301	UV2T-S	2	30W	1	30	3/4"	0.6	30000	230 light with fault indication, external ballast
642302	UV3T-S	3	40W	1	40	3/4"	0.6	30000	
642303	UV6T-S	6	80W	1	80	1.5"	0.6	30000	
642310	UV10T-S	10	120W	1	120	2"	0.6	30000	
642309	UV15T-S	15	150W	1	150	2"	0.6	30000	Built-in ballast, time accumulator, running line indicator, power switch and indicator light
642310	UV20T-S	20	120W	2	240	2"	0.6	30000	
642314	UV30T-S	30	120W	3	360	3"	0.6	30000	
642316	UV40T-S	40	120W	4	480	3"	0.6	30000	
642318	UV50T-S	50	150W	4	600	4"	0.6	30000	
642320	UV60T-S	60	120W	6	720	4"	0.6	30000	
642311	UV70T-S	70	120W	7	840	4"	0.6	30000	
642321	UV80T-S	80	120W	8	960	6"	0.6	30000	
642322	UV100T-S	100	150W	8	1200	6"	0.6	30000	
642323	UV120T-S	120	150W	10	1500	6"	0.6	30000	
642324	UV150T-S	150	150W	12	1800	6"	0.6	30000	
642326	UV200T-S	200	150W	16	2400	6"	0.6	30000	
642327	UV250T-S	250	320W	10	3200	8"	0.6	30000	

Stainless steellow pressure UV

OZONE ADSORPTION TANK
## Easy to install and maintain

OZONE DISINFECTION COMPANION

Function

The ozone adsorption tank is mainly used to focus and concentrate excess ozone, green algae and organic matter in the water on the surface of activated carbon, and can effectively reduce the color of the water. Activated carbon filter is a commonly used water treatment equipment. It can absorb residual chlorine that cannot be removed in the front-stage filtration. It can effectively ensure the service life of the downstream equipment, improve the quality of the effluent, prevent pollution, and also absorb small particles leaking from the front-stage. Molecular organic matter and other pollutants have obvious adsorption and removal effects on odors, colloids, pigments, heavy metal ions, etc. in water. It has the advantages of good adsorption performance, high mechanical strength, good chemical stability and strong regeneration ability.

Application scope

Factory breeding plants, seawater circulating culture or nursery, seafood temporary culture, ocean halls and aquariums, etc., sewage treatment, etc., garden landscape water treatment, swimming pool circulating water treatment.
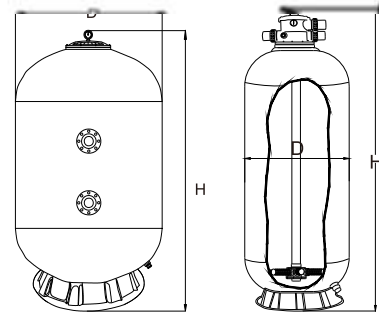
NO	Size	FLOW m3/h	inlet/outlet		Total height mm	Filter area m³	Packing weight KG
			mm	inches			
FZ7015	¢700*1500	15	63	2"	1500	0.37	200
FZ8015	¢800*1500	18	80	3"	1500	0.5	245
FZ9015	¢900*1500	23	80	3"	1500	0.64	285
FZ1015	¢1000*1500	25	80	3"	1500	0.79	325
FZ1215	¢1200*1500	28	80	3"	1500	1.13	400
FZ1020	¢1000*2000	32	80	3"	2000	0.78	525
FZ1220	¢1200*2000	42	100	4"	2000	1.13	675
FZ1422	¢1400*2200	54	100	4"	2200	1.54	970
FZ1623	¢1600*2300	70	125	5"	2300	2	1250
FZ1824	¢1800*2400	89	150	6"	2400	2.54	1500
FZ2026	¢2000*2600	112	150	6"	2600	3.2	2000
FZ2226	¢2200*2600	130	150	6"	2600	3.8	2500
FZ2428	¢2400*2800	160	200	8"	2800	4.6	2700

* Order the pressure standard and filter material according to the work needs of the equipment.
* For reference only, size change, subject to order.

![QLOZONE logo]
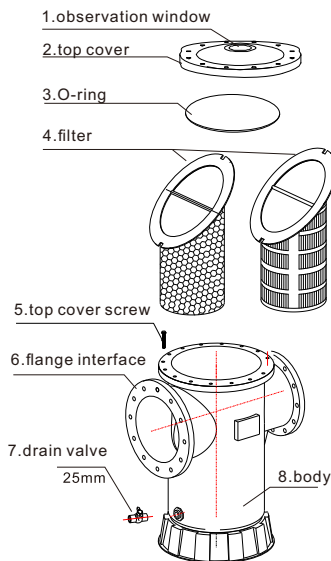
BASKET FILTER
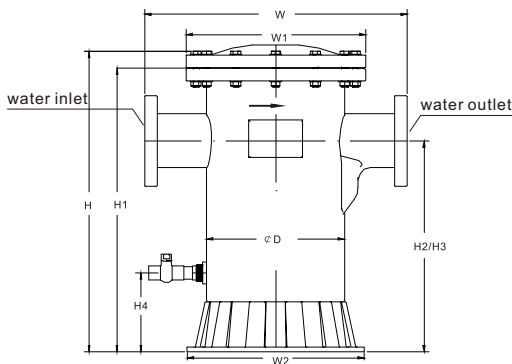## EASY TO INSTALL AND MAINTAIN

REMOVE HAIR/IMPURITIES

Product Features

Feature：

◆ Marine-grade fiberglass resin into the nature of a body, super anti-corrosion, durable

◆ Built-in filter basket , 304 / 316L stainless steel /tide metal for you choosing.

◆ The top of the structure, easy to open and clean

◆ GB flangeconnection, easy installation

◆ The bottom of the venting means provided

◆ Can be customized in different working pressure

1.observation window

2.top cover

3.O-ring

4.filter

5.top cover screw

6.flange interface

7.drain valve
25mm

8.body

FRP FIBERGLASS BASKET FILTER STRUCTURE DIAGRAM

water inlet

water outlet

W
W1
H H1
⌀D
H2/H3
H4
W2

FRP FIBERGLASS BASKET FILTER SIZE DIAGRAM

Model	InletA (mm)	Outlet B(mm)	Barrel diameter D(mm)	Dimensions Size (mm)							Design capacity (m³/h)	Filter accuracy (mm)	Working pressure Mpa	Filter material
				H	H1	H2/H3	H4	W	W1	W2				
MF0404	40	40	250	660	602	435	190	520	370	340	4	3	0.25/0.4	SS304 SS316 PP titanium alloy
MF0505	50	50	250	660	602	435	190	520	370	340	6.3	3	0.25/0.4	
MF6565	65	65	250	660	602	420	190	520	370	340	10.7	3	0.25/0.4	
MF0808	80	80	250	660	602	420	190	520	370	340	16	3	0.25/0.4	
MF1010	100	100	300	743	685	510	190	635	440	430	25	3	0.25/0.4	
MF1510	150	100	300	743	685	495	190	635	440	430	25	3	0.25/0.4	
MF1515	150	150	300	743	685	495	190	635	440	430	57	3	0.25/0.4	
MF2010	200	100	300	743	685	450	190	635	440	430	25	3	0.25/0.4	
MF2015	200	150	300	743	685	450	190	635	440	430	57	3	0.25/0.4	
MF2020	200	200	300	743	685	450	190	635	440	430	101	3	0.25/0.4	
MF2515	250	150	300	743	685	440	190	635	440	430	57	3	0.25/0.4	
MF2520	250	200	300	743	685	440	190	635	440	430	101	3	0.25/0.4	
MF2525	250	250	300	743	685	440	190	635	440	430	159	3	0.25/0.4	
MF3020	300	200	400	793	735	475	190	740	540	470	101	3	0.25/0.4	
MF3025	300	250	400	793	735	475	190	740	540	470	159	3	0.25/0.4	
MF3030	300	300	400	793	735	475	190	740	540	470	229	3	0.25/0.4	
MF3525	350	250	500	1058	1000	700	80	840	640	500	159	3	0.25/0.4	
MF3535	350	350	500	1058	1000	700	80	840	640	500	311	3	0.25/0.4	
MF4020	400	200	500	1058	1000	680	80	840	640	500	101	3	0.25/0.4	
MF4025	400	250	500	1058	1000	680	80	840	640	500	159	3	0.25/0.4	
MF4030	400	300	500	1058	1000	680	80	840	640	500	229	3	0.25/0.4	
MF4035	400	350	500	1058	1000	680	80	840	640	500	311	3	0.25/0.4	
MF4040	400	400	500	1058	1000	680	80	840	640	500	407	3	0.25/0.4	

* This specification table is only a partial specification, more sizes can be customized.
* Order the pressure standard and filter material according to the work needs of the equipment.
* For reference only, size change, subject to order.

PoolFilter Series

PROFESSIONAL WATER TREATMENT EQUIPMENT SOLUTIONS

WINDING SAND CYLINDER, DEEP FILTER, HORIZONTAL FILTER

HORIZONTAL SAND TANK FILTER

- Purification and filtration for large swimming pool,water park, Jacuzziand Waterscape project
- Purification of industrial waste water, sanitary sewage
- Pre−treatment of drinking water
- Treatment of agricultural irrigation water
- Seawater, freshwater and aquaculture water treatment
- Hotel,high desentity of aquatic market
- Aquariums, aquatic organisms living laboratory system
- The disposal of wastewater from Aquatic Products process plants before discharge.
- Recirculating aquaculture system processing factory

P/N	Model	Diameter D(mm)	Length L(mm)	Height H(mm)	Inlet/Outlet (inch)	Design flow (m³/h)	Filtrion m²	Gravel Weight 1−2mm (kg)	Sand Weight 0.5−0.8mm (kg)	Volume (m³)	Weight (kg)
611501	SW1219	¢1200	1900	1390	80	59	1.96	425	1100	1.74	3220
611502	SW1223	¢1200	2300	1390	80	73	2.42	550	1425	2.19	3960
611503	SW1225	¢1200	2500	1390	80	79	2.65	700	1750	2.42	4320
611504	SW1227	¢1200	2700	1390	100	86	2.87	825	2075	2.65	4690
611505	SW1230	¢1200	3000	1390	100	96	3.21	925	2325	2.98	5240
611506	SW1419	¢1400	1900	1600	100	67	2.23	575	2100	2.28	4250
611507	SW1425	¢1400	2500	1600	100	91	3.02	800	2825	3.2	5740
611508	SW1430	¢1400	3000	1600	100	110	3.67	1000	3450	3.97	6990
611509	SW1619	¢1600	1900	1830	100	74	2.47	600	2850	2.85	5430
611510	SW1625	¢1600	2500	1830	100	101	3.36	850	3875	4.06	7400
611511	SW1630	¢1600	3000	1830	150	123	4.10	1050	4750	5.06	9020
611512	SW1825	¢1800	2500	2050	150	112	3.74	975	4850	4.99	9170
611513	SW1830	¢1800	3000	2050	150	162	4.58	1475	5925	6.26	11230
611514	SW1835	¢1800	3500	2050	150	212	5.6	1475	7000	7.53	13290
611515	SW1840	¢1800	4000	2050	150	262	6.5	1700	8075	8.8	15350
611516	SW2025	¢2000	2500	2220	150	130	4.34	1050	6575	5.97	11300
611517	SW2030	¢2000	3000	2220	150	159	5.30	1300	8025	7.54	13790
611518	SW2035	¢2000	3500	2220	150	187	6.25	1550	9475	9.11	16280
611519	SW2040	¢2000	4000	2220	200	216	7.21	1800	10925	10.68	18780
611520	SW2045	¢2000	4500	2220	200	245	8.16	2075	12375	12.25	21380
611521	SW2345	¢2350	4500	2600	200	186	9.39	4200	14525	16.45	27590
611522	SW2545	¢2500	4500	2750	200	196	9.91	4300	15350	18.4	30854
611523	SW3045	¢3000	4500	3250	200	236	11.57	6100	23500	25.43	42653

PoolFilter Series

PROFESSIONAL WATER TREATMENT EQUIPMENT SOLUTIONS

Product Size

Model	Diameter D(mm)	Inlet/Outlet (inch)	Design flow (m³/h)	Filtrion m²	Sand Weight 0.5−0.8mm (kg)	Height H(mm)
SCD400	16"/¢400	1.5"	6.3	0.13	35	650
SCD450	18"/¢450	1.5"	7	0.14	50	730
SCD500	20"/¢500	1.5"	11	0.2	80	780
SCD600	25"/¢625	1.5"	16	0.3	125	880
SCD700	28"/¢700	1.5"	18.5	0.37	190	960
SCD700A	28"/¢700	2"	23	0.37	190	960
SCD800	32"/¢800	2"	25	0.5	350	1160
SCD900	36"/¢900	2"	30	0.64	400	1230
SCD1000	40"/¢1000	2"	35	0.79	620	1280
SCD1100	44"/¢1100	2"	40	0.98	800	1360
SCD1200	48"/¢1200	2"	45	1.13	875	1480
SCD1400	56"/¢1400	2"	50	1.53	1400	1690

Volume (m³)   Weight (kg)

SCD TOP-OUT SERIES

Product Size

Model	Diameter D(mm)	Inlet/Outlet (inch)	Design flow (m²/h)	Filtrion m²	Sand Weight 0.5−0.8mm (kg)	Height H(mm)
SCC500	20"/¢500	1.5"	11	0.2	80	660
SCC600	25"/¢625	1.5"	16	0.3	125	740
SCC700	28"/¢700	1.5"	18.5	0.37	190	830
SCC700A	28"/¢700	2"	23	0.37	190	830
SCC800	32"/¢800	2"	25	0.5	350	990
SCC900	36"/¢900	2"	30	0.64	400	1070
SCC1000	40"/¢1000	2"	35	0.79	620	1130
SCC1100	44"/¢1100	2"	40	0.98	800	1220
SCC1200	48"/¢1200	2"	45	1.13	875	1320
SCC1400	56"/¢1400	2"	50	1.53	1400	1460

SCC SIDE-OUT SERIES

STF PORTABLE INTEGRATED FILTER

Product Size

Model	Filter Model	Inlet/Outlet (inch)	Design flow (m³/h)	Filtrion m²	Product Size		
					Length L(mm)	Width W(mm)	Height H(mm)
STF025	SF25	1.5"	11	2.3	700	595	505
STF050	SF50	1.5"	14	4.7	700	595	685
STF075	SF75	1.5"	17	7	700	595	861
STF100	SF100	2"	19	9.4	850	595	1041
STF150	SF150	2"	24	14	850	595	1221
STF200	SF200	2"	30	18	850	595	1425

Product Size

Model	Diameter D(mm)	Inlet/Outlet (inch)	Design flow (m³/h)	Filtrion m²	Sand Weight 0.5−0.8mm (kg)	Height H(mm)	Pump Size HP	Base D(mm)
STC400	16"/400	1.5"	6.3	0.13	35	650	0.5	80
STC450	18"/450	1.5"	7	0.14	50	730	0.75	80
STC500	20"/500	1.5"	11	0.2	80	780	1.0	80
STC600	25"/625	1.5"	16	0.3	160	860	1.2	80
STC700	28"/700	1.5"	18.5	0.37	220	965	1.5	85

STC PORTABLE INTEGRATED FILTER

QLOZONE®

Product Size

Model	Diameter D(mm)	Inlet/Outlet (inch)	Design flow (m³/h)	Filtrion m²	Sand Weight 0.5–0.8mm (kg)	Height H(mm)	Vertical clearance A(mm)
SDH1316	¢400	1.5	4.6	0.13	112	1300	1070
SDH1320	¢500	1.5	7.0	0.20	172	1300	1070
SDH1324	¢600	1.5	9.8	0.28	230	1300	1070
SDH1328	¢700	1.5	13.3	0.37	325	1300	1070
SDH1516	¢400	1.5	3.9	0.13	141	1500	1270
SDH1520	¢500	1.5	6.0	0.20	225	1500	1270
SDH1524	¢600	1.5	8.4	0.28	307	1500	1270
SDH1528	¢700	1.5	13.3	0.37	430	1500	1270
SDH1532	¢800	2.0	15	0.5	470	1500	1270
SDH1536	¢900	2.0	19	0.64	590	1500	1270

SDH TOP-OUT DEPTH FILTER

Product Size

Model	Diameter D(mm)	Inlet/Outlet (inch)	Design flow (m³/h)	Filtrion m²	Sand Weight 0.5–0.8mm (kg)	Gravel Weight 1–2mm (kg)	Height H(mm)	Volume (m²)
SCH1532	¢800	2.0	15.0	0.50	470	200	1500	1.55
SCH1536	¢900	2.0	19.2	0.64	590	255	1500	1.90
SCH1540	¢1000	2.0	23.7	0.79	729	301	1500	2.28
SCH1548	¢1200	3.0	33.9	1.13	842	490	1500	3.15
SCH2032	¢800	2.0	15.0	0.50	811	200	2000	1.98
SCH2036	¢900	2.0	19.2	0.64	1035	255	2000	2.45
SCH2040	¢1000	2.0	23.7	0.79	1280	301	2000	2.92
SFH2048	¢1200	3.0	33.9	1.13	1634	490	2000	4.05

SFH SIDE EXIT DEPTH FILTER

PoolFilter Series

PROFESSIONAL WATER TREATMENT EQUIPMENT SOLUTIONS

Product Size

Model	Size	Inlet/Outlet (inch)	Design flow (m³/h)	Filtrion m²	Gravel Weight 1–2mm (kg)	Sand Weight 0.5–0.8mm (kg)	Height H(mm)
SCF1200	48"/ ¢ 1200	3"/80	55	1.13	300	900	1400
SCF1400	56"/ ¢ 1400	4"/100	77	1.54	450	1350	1600
SCF1600	64"/ ¢ 1600	4"/100	102	2.01	700	2300	1750
SCF1800	72"/ ¢ 1800	6"/150	125	2.54	900	2900	1950
SCF2000	80"/ ¢ 2000	6"/150	160	3.14	1100	4000	2230
SCF2350	94"/ ¢ 2350	8"/200	200	4.34	1600	6000	2350
SCF2500	100"/ ¢ 2500	8"/200	240	4.9	1800	6700	2450
SCF3000	118"/ ¢ 3000	8"/200	350	7.07	3300	8600	2660

SCF SIDE OUTLET FLANGE SAND TANK

Product Features
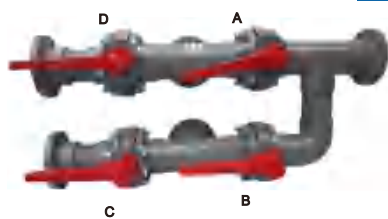
4– way control group valve
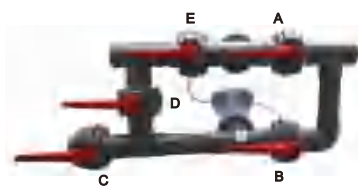
5– way control group valve

control group valve

4 way butterfly valve function sheet

Product Features	A	B	C	D
Filter	open	close	open	close
Backwash	close	open	close	open
No filter drainage	open	close	close	open
No filter cycle	close	open	open	close

5 way butterfly valve function sheet

Product Features	A	B	C	D	E
Filter	open	close	open	close	close
Backwash	close	open	close	close	open
Bottom pipe flushing	open	close	close	open	close
No filter drainage	open	close	close	close	open
No filter cycle	close	open	open	close	close

Model	Name	P/N	Size(inch)
FC4–2	4-way control group valve	619205	2"
FC4–3		619201	3"
FC4–4		619202	4"
FC4–6		619203	6"
FC4–8		619204	8"

Model	Name	P/N	Size(inch)
FC5–2	5-way control group valve	619301	2"
FC5–3		619302	3"
FC5–4		619303	4"
FC5–6		619304	6"
FC5–8		619305	8"

SAND CYLINDER FUNCTION VALVE

handle

Water inlet

Sewage interface

Water outlet

clear water mirror   pressure gauge
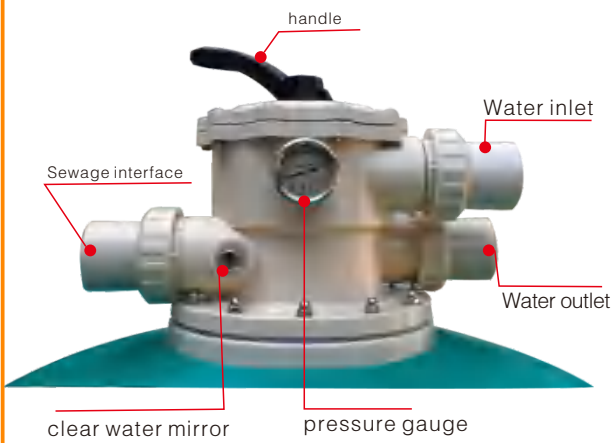
It's made of high-strength ABS material,With flexibleoperation, simple valve handle, has six -way functions:

◆ **Filter:**Normal filter and clean the water

◆ **Backwash:**Discharge the filter hidden dirt plot

◆ **Ring:**Exclude dirt in the sewage pipe

◆ **Recirculate:** Does not pass through the filter , water recycling

◆ **Waste:**Does not pass through the filter , the direct dischargel

◆ **Close:**The function in the filter to close

RETURN   PUMP

RECIRCULATE   RINSE

BACKWASH   FILTER

RECIRULATE   RINSE

BACKWASH   FILTER

CLOSED   WASTE

CLOSED   WASTE

WASTE
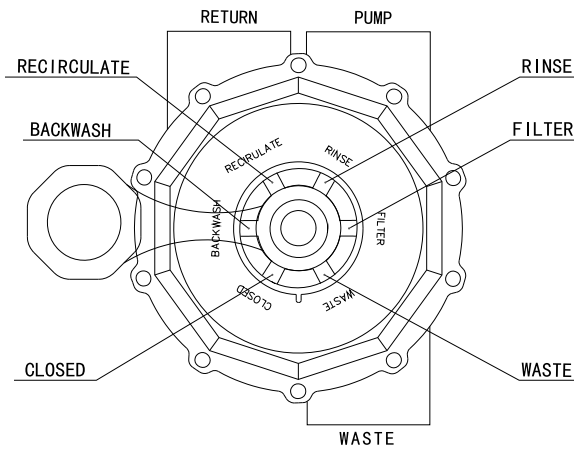
P/N:619101
Name:1 5"1.5" Top valve

354
178
237
304
200
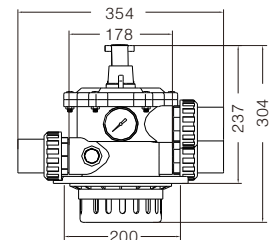
P/N:619102
Name:2" Top valve

410
230
288
354
244
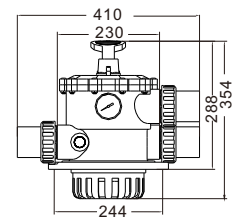
P/N:619103
Name:2" side valve

250
356
125
179
221
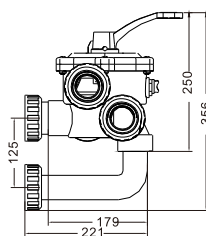
P/N:619104
Name:2" Side valve

296
495
220
190
259
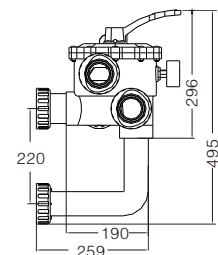
SAND TANK FILTER ACCESSORIES

Product name: Sand tank filter kit
Material:ABS

Size	P/N	Structure	Size	P/N	Structure
¢400	619501	10cm*1pcs	¢500	619502	10cm*1pcs
¢600	619503	15cm*1pcs	¢700	619504	15cm*1pcs
¢800	619505	(10+15cm)*1pcs	¢900	619506	(10+15cm)*1pcs
¢1000	619507	15cm*2pcs	¢1200	619508	15cm*2pcs
¢1100	619509	15cm*2pcs	¢1400	619510	15cm*2pcs+10cm*1

Product name: 1.5–inch multi–function valve handle
Material:ABS
No.619401

Product name: 2–inch multi–function valve handle
Material:ABS
No.619402

Product name: Dual display pressure gauge
Material: stainless steel + plastic
No.: 619415
Model: FBY03

Product name: Stainless steel pressure gauge
Material: stainless
No.:619408
Model: FBY01

Product name: 1.5–inch water distributor (including plum blossom washer)
Material: silicone
No.：619404

Product name: 1.5–inch water distributor (including plum blossom washer)
Material: silicone
No.：619405

Product name: 1.5 inch flange rubber ring
Material: silicone
No.：619418

Product name: 2 inch flange rubber ring
Material: silicone
No.：619419

Product name: 10CM/1.5" filter tube
Material:ABS
No.：619406

Product name: 15CM/1.5" filter tube
Material:ABS
No.：619407

Product name: 15CM/2" filter tube
Material:ABS
No.：619416

Product name: 20CM/2" filter tube
Material:ABS
No.：619417

Product name: 1.5–inch multi–function valve union
Material:ABS+PVC
No.：619410

Product name: 2–inch multi–function valve union
Material:ABS+PVC
No.：619411

L#   M#   S#

Product name: Sand cylinder sand discharge valve
Material:ABS
No.：619403

Product name: Flange sand cylinder oval top cover kit
No.：619420

Water Pump Series

Professional circulating water treatment equipment manufacturing

FA WATER PUMP

Pump body made of high strength engineering plastic, Used for all types of swimming pools, industrial water, water park, wave pool, Jacuzzi and fountains etc.

Feature：
◆ Rust protection, to prevent direct contact with the water motor, IPX5 waterproof standard
◆ High performance can ensure high efficiency circulation. built-in thermal protection and over-current protection device
◆ Improved vacuum seal to prevent leakage, insulation performance is good
◆ Industry standard motor, can work long-running, low power consumption
◆ Equipped with hair collector to achieve a pre-filter effect
◆ Can connect to metric or imperial pipes

Working conditions
Medium temperature: 5-50℃

Max.working pressure: 0.3MPa

Product Size

0. 5HP～1. 2HP

1. 5HP～4HP
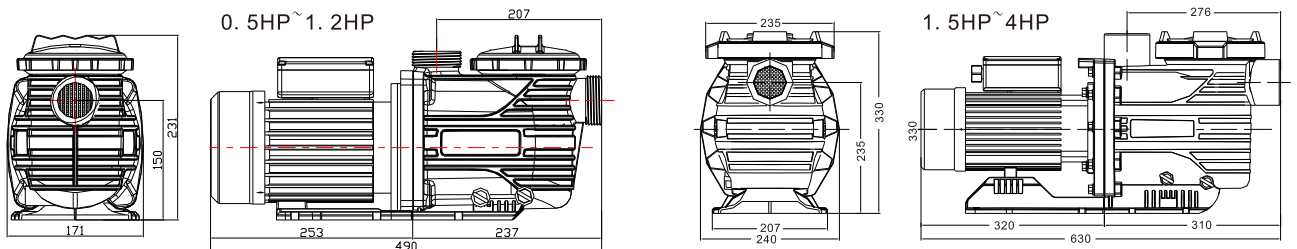
P/N	Model	Qmax (m³/h)	Hmax (m)s	Suction H(m)	Input Power		Voltage V	Inlet/Outlet (inch)	Package Size (mm)	Weight (kg)
					KW	HP				
623101	FA50	13	10	1	0.37	0.5	220	1.5"	510*190*240	9.5
623102	FA75	15	10	1	0.5	0.75	220	1.5"	510*190*240	10
623103	FA100	17	11	1	0.75	1	220	1.5"	510*190*240	11
623104	FA120	19	12	1	0.9	1.2	220	1.5"	510*190*240	12.5
623105	FA150	27	17	2.5	1.1	1.5	220	2"	690*285*395	15.5
623106	FA200	32	19	2.5	1.5	2	220	2"	690*285*395	16.5
623107	FA300	36	21	2.5	2.2	3	220	2"	690*285*395	18
623109	FA300T	36	21	2.5	2.2	3	380	2"	690*285*395	18
623108	FA400	39	23	2.5	3	4	380	2"	690*285*395	21
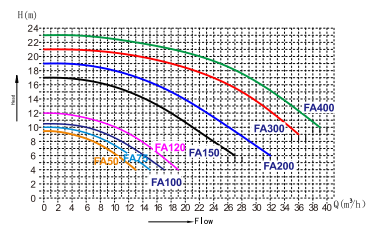
FUP WATER PUMP

Pump body made of high strength engineering plastic, Used for all types of swimming pools, industrial water, aquarium, water park, wave pool, Jacuzzi and fountains etc.

Recirculation of water in swimming pool equipment

Mariculture circulation filter

-Ip55 waterproof standard.

-Big flow rate.

-Maximum working pessure up to 6kg/cm².

-316 stainless steel shaft.

-Graphite/ceramic mechanical seal.

-Motor speed 1450 r.p.m

-Suitable for maximum hot water
 temperature up to 70°C.

Product Size

493
173.5
561
380
280 378
135
250
410
980/1040/1120/1170
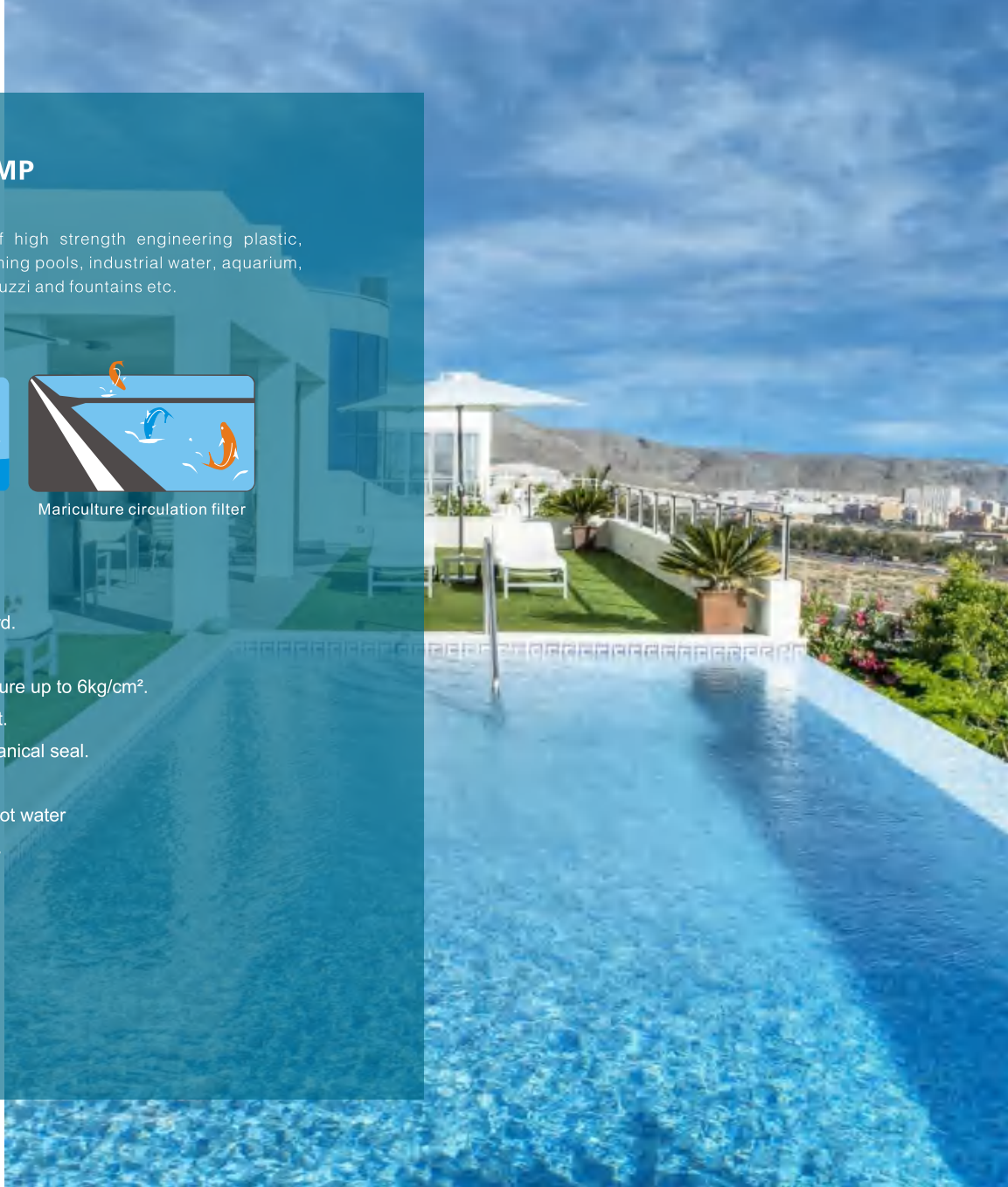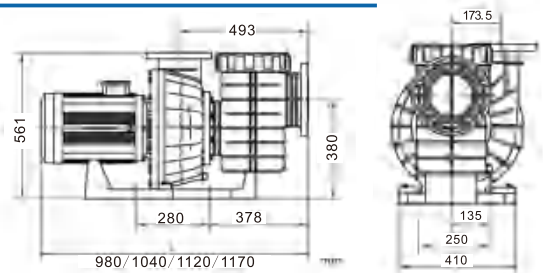
P/N	Model	Input Power		Hmax (m)s	Qmax (m³/h)	Inlet (inch)	Outlet (inch)	Motor rotation r/min	Voltage V
		KW	HP						
623001	FUP550	4.0	5.5	16	78	Dn100	Dn80	1450	380V/50Hz
623002	FUP750	5.5	7.5	17	95	Dn100	Dn80	1450	380V/50Hz
623003	FUP1000	7.5	10	18	170	Dn150	Dn125	1450	380V/50Hz
623004	FUP1500	11	15	18	185	Dn150	Dn125	1450	380V/50Hz
623005	FUP2000	15	20	18	220	Dn150	Dn125	1450	380V/50Hz
623006	FUP2500	18.5	25	18	240	Dn150	Dn125	1450	380V/50Hz
623007	FUP3000	22	30	18	260	Dn150	Dn125	1450	380V/50Hz

H(m)
22
20
18
16
14
12
10
8
6
4
2
0

EUP3000
FUP2000
FUP2500
FUP1500
FUP550
FUP750
FUP1000

13 26 39 52 65 78 91 104 117 130 143 156 169 182 195 208 221 234 247 260
(m³/h)
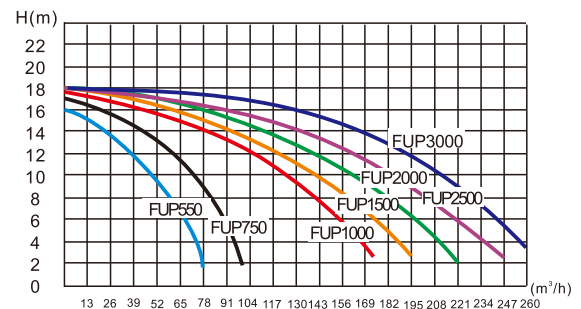
FPP WATER PUMP

The plastic multi–functional circulation pump allows the use to be no longer limited. One pump has multiple uses. It can meet the needs of seawater, nitric acid, hydrochloric acid, sulfuric acid, leaf base and other different chemical materials. It has super and strong sealing, safety and efficiency. Corrosion has always been one of the most troublesome hazards to certain liquid–transporting chemical equipment. According to relevant statistics, 60% of damage to specific liquids and chemical equipment is caused by corrosion. Therefore, the selection of chemical pumps for specific liquid transportation is crucial. The plastic multifunctional circulation pump is made of super strong polypropylene PP material, which is stronger and more corrosion–resistant, more efficient and greatly reduces the cost of subsequent maintenance. At the same time, the product can also be equipped with specific materials according to the actual use environment and working conditions.

Application scope

◆ ROTATION AXIS
   S.S316+40CRtempering steel(High strength and durability)
◆ MOTOR MATERIAL
   Cold Rolled steel50ww600.(High efficiency and heat dissipation)
◆ BEARINE
   British imparts double– row BUT4205ATN9.(Wearabledouble–row, contact–type hermeticrub ber cover, polyimideholder, applied in allkinds of harsh environments)
◆ MECHANICAL SEAL
   PTFE silicon carbide.(Strong anti–corrosion and anti–leak)

Product Size
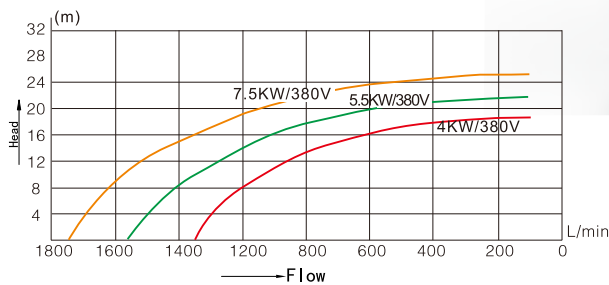
P/N	Model	Qmax (m³/h)	Hmax (m)s	Input Power		Voltage V	Inlet/Outlet (inch)
				KW	HP		
623021	FPP350	52	19	2.6	3.5	380	50–63
623022	FPP400	75	20	3	4	380	80–110
623023	FPP550	87	21	4	5.5	380	80–110
623024	FPP750	98	25	5.5	7.5	380	80–110

806.5mm
338mm
416mm
271mm
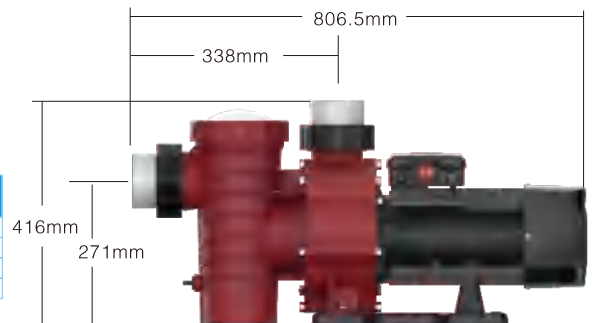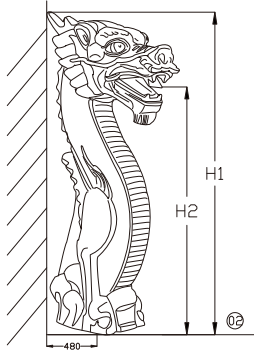
P02 JINLONG SHAPE SHOWER NOZZLE

Model:PO2
P/N:661102
Material:FRP
Total heightH1:1450mm
The drainage outlet to the bottom distance
H2:1100mm
Bottom size:300(Width)*400(Thick)
Package size:730*390*1520mm
Weight: 25.3kg
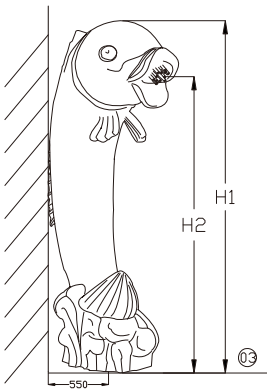
P03 GOLDFISH SHAPE SHOWER NOZZLE

Model:PO3
P/N:661103
Material:FRP
Total heightH1:1340mm
The drainage outlet to the bottom distance
H2:1100mm
Bottom size:300(Width)*370(Thick)
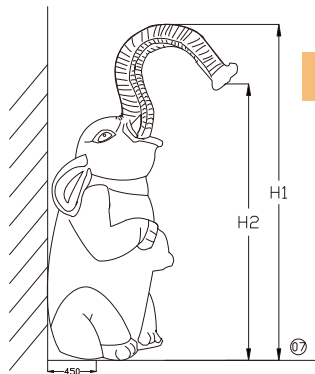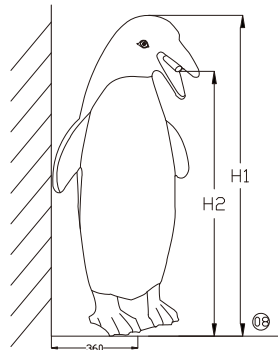Package size:790*390*1380mm
Weight: 25kg
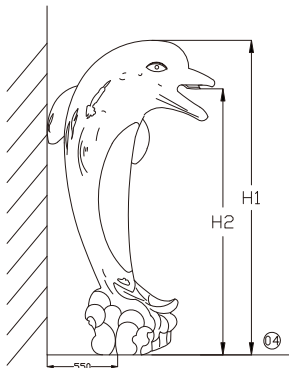
P04 DOLPHIN SHAPE SHOWER NOZZLE

Model:PO4
P/N:661104
Material: FRP
Total heightH1:1330mm
The drainage outlet to the bottom distance
H2:1100mm
Bottom size:350Width*300(Thick)
Package size:740*570*1380mm
Weight: 23.5kg

P07 ELEPHANT SHAPE SHOWER NOZZLE

Model:PO7
P/N:661107
Material: FRP
Total heightH1:1320mm
The drainage outlet to the bottom distance
H2:1060mm
Bottom size:410(Width)*410(Thick)
Package size:620*530*1430mm
Weight: 21kg

P08 PENGUIN SHAPE SHOWER NOZZLE

Model: P08
P/N:661108
Material:FRP
Total height
H1:1300mm
The drainage outlet to the bottom distance
H2:1100mm
Bottom size:400(Width)*330(Thick)
Package size:650*650*1390mm
Weight:21kg
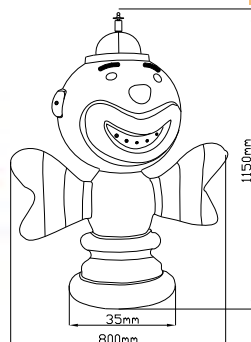
P10 JET CLOWN

Model:P10
P/N.:661110
Material:FRPTotal height
H1:1150mm
Package size:1280*560*760mm
Weight:25kg

Used for landscape pool, , children'swading
pool, large and small swimmingpools etc.

MASSAGE BED

No.: 661504
Specification: 1800*700
Material: Acrylic
Interface size: 1.5"
Nozzle Quantity: 9
Need supporting products: spa pump,
spa switch, etc.
Packaging: wooden frame + bead film

MASSAGE CHAIR

No. : 661503
Specification: 1250*710*890
Material: acrylic
Interface size: 1.5''
Nozzle Quantity: 10
Supporting products：Spa pump, spa
switch, etc.
Packaging: wooden frame + bead film

P-11 FOUR HEAD CLOWN

Used for landscape
pool,children's wading pool,
large andsmall swimming
pools etc.

P-13 LONG-WAISTED CLOWN

Used for landscape pool,
children'swading pool, large
and small swimmingpools etc,

SPA MASSAGE / MASSAGE CHAIR

Based on the human body curve design, using of momentum
and impulse forcemassage nozzle upward, just like a person
help you massage, it can promote bloodcirculation, eliminate
fatigue, relieve stress, speed up metabolism etc.Used for
sauna pool, Jacuzzi spa surfing, spa, rest clubs etc.

P/N	Model	Material	Width of Spout(mm)	Height(mm)
661401	PP−400	304#Stainless steel	400	1400
661402	PP−500	304#Stainless steel	500	1400
661403	PP−600	304#Stainless steel	600	1400
661404	PL−300	304#Stainless steel	300	600

WATER MUSHROOM

The use of mushroom spring drop round strong waterflow impact of upper body, especially in the neck, whichbelongs to the flexible pressure. Treatment of headache,dizziness, ringing in the ears, nose, neck and shoulderpain, sedation and eliminate fatigue.

P/N	Model	Material	Inlet	Width of water jet mm	Height mm
661201	P-1000	Glass fiber FRP	1.5"	1000	2000
661202	P-1200		1.5"	1200	2000
661203	P-1500		1.5"	1500	2000
661204	PB-1000	304# Stainless steel	1.5"	1000	2200
661205	PB-1200		1.5"	1200	2200
661206	PB-1500		1.5"	1500	2200
661207	PB-2000		1.5"	2000	2200
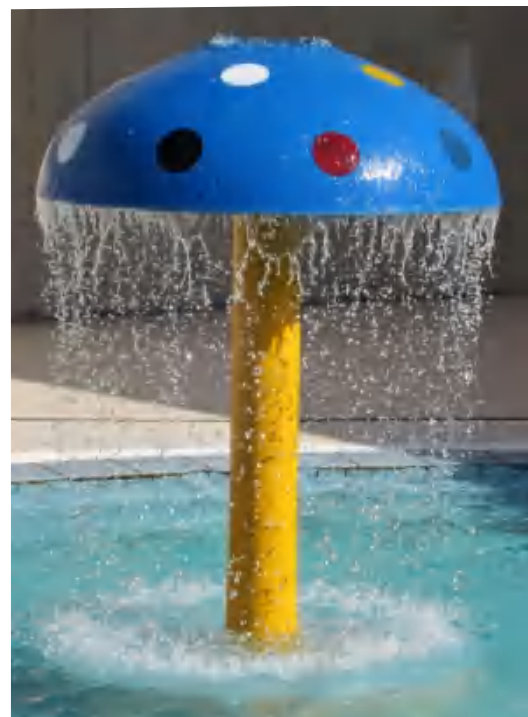
RELAX AND RELIEVE FATIGUE VICHY BATH

Using power of water impact to massage neck,back,leg andeach of body.it can be relieve migraines promote bloodcirculation, speed up metabolism, reduce fatigue, relievepressure on the effect. etc

P/N	Model	Material	L*W*H (mm)	Spray Plate (mm)	InletSize
661301	PW1620	304# Stainless steel	2600*200*1900	1600*200	2"/63#
661302	PW1630		2600*200*1900	1600*300	2"/63#
661303	PW1220		2600*200*1900	1200*200	2"/63#
661304	PW1230		2600*200*1900	1200*300	2"/63#

DB601P FLAT PLASTIC UNDERWATER LIGHT
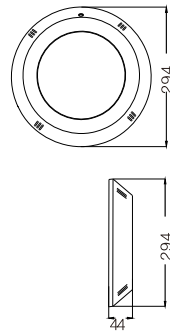
P/N	Model	Light Type	Color Type	Power (w)	VOLTAGE (v)
631401	DB604P01	Halogen lamp		100W	12V
631409	DB604P09	360 Beads SMD LED		35W	12V
631403	DB604P03	144Beads SMD LED	Colorful white warm white cold white	12W	12V
631410	DB604P10	252Beads SMD LED		25W	12V
631405	DB604P05	SMD High Power LED		9*1W	12V
631406	DB604P06	SMD High Power LED		18*1W	12V
631407	DB604P07	SMD High Power LED		15*1W	12V
631408	DB604P08	SMD High Power LED		12*1W	12V
631416	DB604P16	460 Beads SMD LED		45W	12V

DB601P CURVED PLASTIC UNDERWATER LIGHT
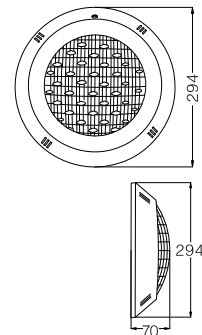
P/N	Model	Light Type	Color Type	Power (w)	VOLTAGE (v)
631101	DB601P01	Halogen lamp		100W	12V
631109	DB601P09	360 Beads SMD LED		35W	12V
631103	DB601P03	144Beads SMD LED	Colorful white warm white cold white	12W	12V
631110	DB601P10	252Beads SMD LED		25W	12V
631105	DB601P05	SMD High Power LED		9*1W	12V
631106	DB601P06	SMD High Power LED		18*1W	12V
631107	DB601P07	SMD High Power LED		15*1W	12V
631108	DB601P08	SMD High Power LED		12*1W	12V
631116	DB601P16	460 Beads SMD LED		45W	12V

DB602P FLAT PLASTIC UNDERWATER LIGHT
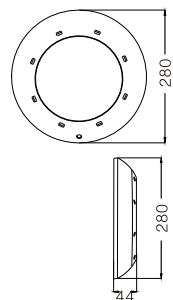
P/N	Model	Light Type	Color Type	Power (w)	VOLTAGE (v)
631501	DB605P01	Halogen lamp		100W	12V
631509	DB605P09	360 Beads SMD LED		35W	12V
631503	DB605P03	144Beads SMD LED	Colorful white warm white cold white	12W	12V
631510	DB605P10	252Beads SMD LED		25W	12V
631505	DB605P05	SMD High Power LED		9*1W	12V
631506	DB605P06	SMD High Power LED		18*1W	12V
631507	DB605P07	SMD High Power LED		15*1W	12V
631508	DB605P08	SMD High Power LED		12*1W	12V
631516	DB605P16	460 Beads SMD LED		45W	12V

QLOZONE

DB602P CURVEDPLASTIC UNDERWATER LIGHT

P/N	Model	Light Type	Color Type	Power (w)	VOLTAGE (v)
631201	DB602P01	Halogen lamp		100W	12V
631209	DB602P09	360 Beads SMD LED		35W	12V
631203	DB602P03	144Beads SMD LED	Colorful white warm white cold white	12W	12V
631210	DB602P10	252Beads SMD LED		25W	12V
631205	DB602P05	SMD High Power LED		9*1W	12V
631206	DB602P06	SMD High Power LED		18*1W	12V
631207	DB602P07	SMD High Power LED		15*1W	12V
631208	DB602P08	SMD High Power LED		12*1W	12V
631216	DB602P16	460 Beads SMD LED		45W	12V
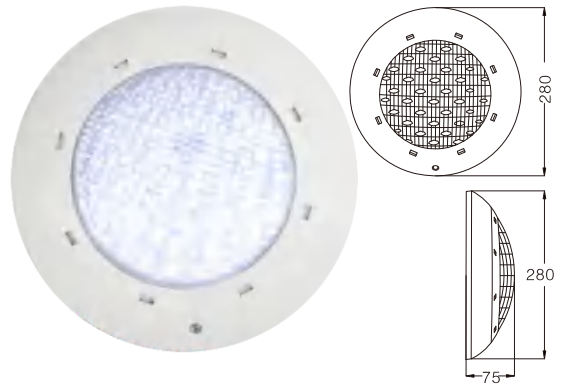
DB603P FLAT PLASTIC UNDERWATER LIGHT

P/N	Model	Light Type	Color Type	Power (w)	VOLTAGE (v)
631601	DB606P01	Halogen lamp		100W	12V
631609	DB606P09	360 Beads SMD LED		35W	12V
631603	DB606P03	144Beads SMD LED	Colorful white warm white cold white	12W	12V
631610	DB606P10	252Beads SMD LED		25W	12V
631605	DB606P05	SMD High Power LED		9*1W	12V
631606	DB606P06	SMD High Power LED		18*1W	12V
631607	DB606P07	SMD High Power LED		15*1W	12V
631608	DB606P08	SMD High Power LED		12*1W	12V
631616	DB606P16	460 Beads SMD LED		45W	12V
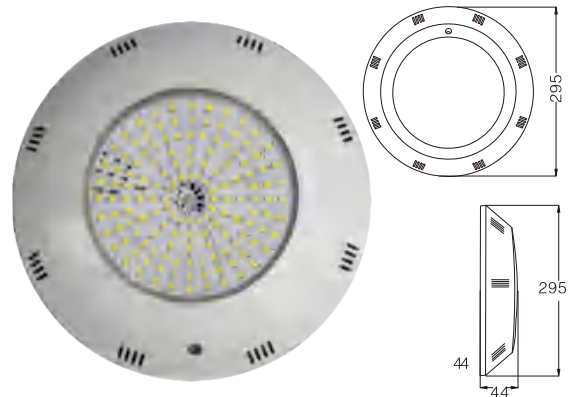
DB603P CURVED PLASTIC UNDERWATER LIGHT

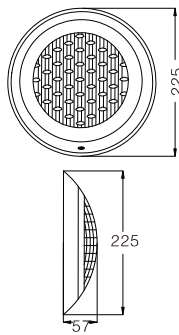| P/N	Model	Light Type	Color Type	Power (w)	VOLTAGE (v)
631301	DB603P01	Halogen lamp		100W	12V
631309	DB603P09	360 Beads SMD LED		35W	12V
631303	DB603P03	144Beads SMD LED	Colorful white warm white cold white	12W	12V
631310	DB603P10	252Beads SMD LED		25W	12V
631305	DB603P05	SMD High Power LED		9*1W	12V
631306	DB603P06	SMD High Power LED		18*1W	12V
631307	DB603P07	SMD High Power LED		15*1W	12V
631308	DB603P08	SMD High Power LED		12*1W	12V
631316	DB603P16	460 Beads SMD LED		45W	12V

DB607P PLASITIC

230
230
31.5
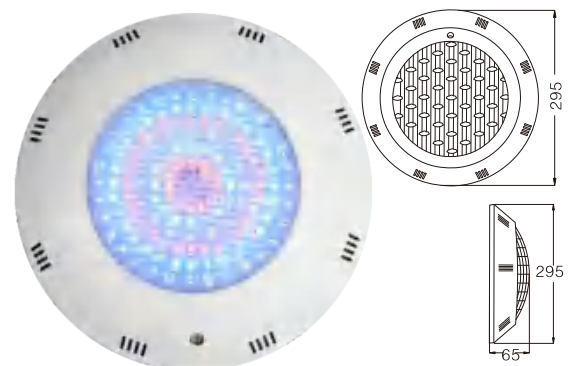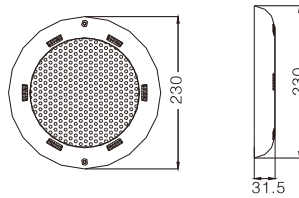
Product Name: LED Plastic Underwater Light
Material: ABS
Model: DB607P
Spe.: φ230*H31.5 mm
Power: 45W/AC 12V
Color: RGB/White/Warm white/Cold white/Blue

DB601S STAINLESS STEEL
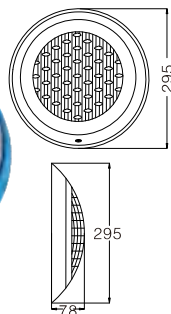
225
225
57

P/N	Model	Light Type	Color Type	Power (w)	VOLTAGE (v)
632101	DB601S01	Halogen lamp		100W	12V
632103	DB601S03	144Beads SMD LED	Colorful/white warm white cold white	12W	12V
632105	DB601S05	SMD High Power LED		9*1W	12V
632107	DB601S07	SMD High Power LED		6*1W	12V

DB602S STAINLESS STEEL

295
295
78

P/N	Model	Light Type	Color Type	Power (w)	VOLTAGE (v)
632201	DB602S01	Halogen lamp		100W	12V
632209	DB602S09	360 Beads SMD LED	Colorful/white warm white cold white	35W	12V
632203	DB602S03	144Beads SMD LED		12W	12V
632210	DB602S10	252Beads SMD LED		25W	12V
632205	DB602S05	SMD High Power LED		9*1W	12V
632206	DB602S06	SMD High Power LED		18*1W	12V
632207	DB602S07	SMD High Power LED		15*1W	12V
632208	DB602S08	SMD High Power LED		12*1W	12V
632216	DB602S16	460 Beads SMD LED		45W	12V

DM UNDERGROUND LAMP

79
Φ100
Φ100
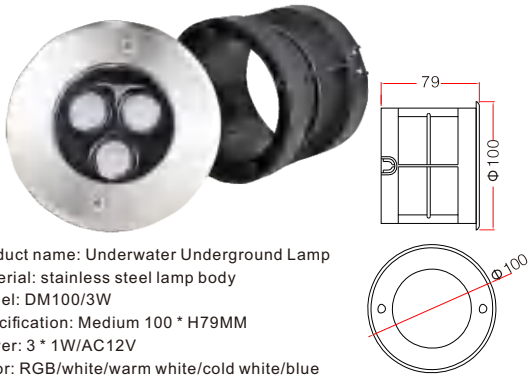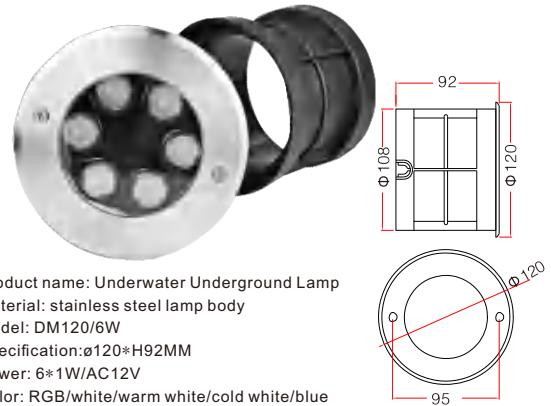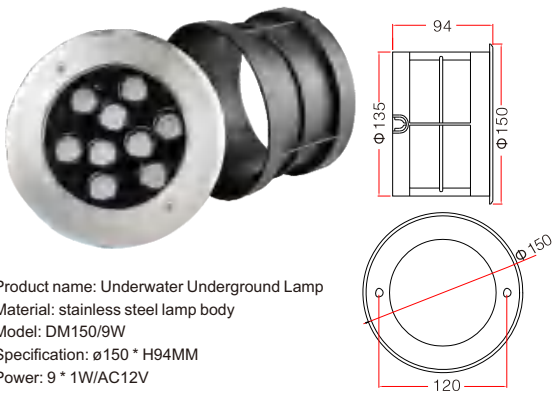
Product name: Underwater Underground Lamp
Material: stainless steel lamp body
Model: DM100/3W
Specification: Medium 100 * H79MM
Power: 3 * 1W/AC12V
Color: RGB/white/warm white/cold white/blue

DM UNDERGROUND LAMP

92
Φ108
Φ120
Φ120
95

Product name: Underwater Underground Lamp
Material: stainless steel lamp body
Model: DM120/6W
Specification:ø120*H92MM
Power: 6*1W/AC12V
Color: RGB/white/warm white/cold white/blue

DM UNDERGROUND LAMP

94
Φ135
Φ150
Φ150
120

Product name: Underwater Underground Lamp
Material: stainless steel lamp body
Model: DM150/9W
Specification: ø150 * H94MM
Power: 9 * 1W/AC12V
Color: RGB/white/warm white/cold white/blue

DM UNDERGROUND LAMP

94
Φ135
Φ150
Φ150
120

Product name: Underwater Underground Lamp
Material: stainless steel lamp body
Model: DM150/12W
Specification:ø150 *H94MM
Power: 12*1W/AC12V
Color: RGB/white/warm white/cold white/blue

FOUNTAIN LIGHT

80
Φ160
Φ160
35

Product Name: Fountain Light
Material: Stainless Steel Lamp Body
Model: DY160/9w
Specification: ø160 *H80mm
Power: 9 *1w/AC12V
Color: Rgb/white/
Warm White/cold White/blue Light

Product Name: Yongquan Lamp
Material: Stainless Steel Lamp Body
Model: DY160/12w
Specification: ø160 *H80mm
Power: 12 *1w/AC12V
Color: RGB/white/
Warm White/cold White/blue Light

LAMP TRANSFORMER

| P/N	Model	Power (W)	Weight (kg)	Package Size (mm)
637101	B60W	60	1	100*65*78
637102	B80W	80	2.5	200*145*80
637103	B105W	105	2.5	200*145*80
637104	B160W	160	3	200*145*80
637105	B200W	200	3.5	200*145*80
637106	B260W	260	3.5	200*145*80
637107	B300W	300	4	200*145*80
637108	B400W	400	4.5	200*145*80
637109	B500W	500	5.5	160*160*100
637110	B600W	600	6	160*160*100

PROTEIN SKIMMER

Product Benefits

◆ To increase the dissolved oxygen in the treated water, to increase the amount of dissolved oxygen in the water, to improve the efficiency of biological treatment,

◆ It can separate the organic matter before it decomposes into the toxic waste, thus lightening the burden of the biochemical system;

◆ Remove the harmful gas and stabilize the PH value of the water body.

◆ Combined with ozone, effectively remove suspended solids, protein and ammonia nitrogen in the water

◆ Foam collection cup can be cleaned to ensure clean collection cup

◆ Unique venturi design, equipment efficiency, bubble rich and delicate

◆ Equipment failure rate is low, easy to install, disassembly, maintenance, long service life

Application

Factory culture plant, seawater recirculating culture or nursery, seafood temporary culture, oceanarium and aquarium, sewage treatment, etc. .
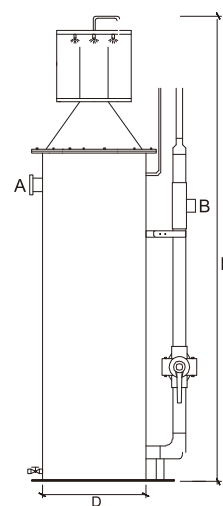
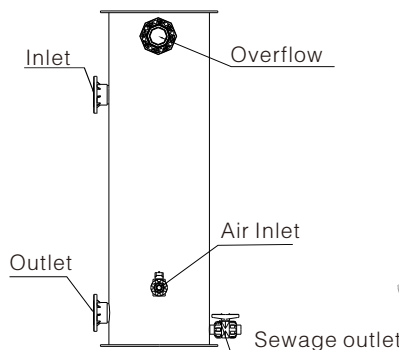| P/N	Model	Diameter D(mm)	Height H(mm)	Inlet A(mm)	Outlet B(mm)	Design flow (m³/h)	Time of stay (min)	Power (w)	Air Intake (m³/h)	Volume (m³)	Venturi pump interface size (mm)	Venturi process pressure (m)
601101	FD4018	400	1800	50	75	10	1.5	370	3	0.22	50	20
601102	FD5018	500	1800	50	75	14	1.5	370	5	0.35	50	20
601103	FD6020	600	2000	63	90	20	1.5	370	6	0.4	50	20
601104	FD6030	600	3000	63	90	30	1.5	750	7	0.6	50	20
601105	FD7025	700	2500	63	90	35	1.5	1100	8	0.7	50	20
601106	FD7030	700	3000	63	90	50	1.5	1500	9	0.85	63	20
601107	FD8025	800	2500	90	110	50	1.5	1500	9	0.9	63	20
601108	FD8030	800	3000	90	110	55	1.5	1500	9	1.1	63	20
601109	FD9025	900	2500	110	160	55	1.5	1500	9	1.2	63	20
601110	FD9030	900	3000	110	160	58	1.5	1500	12	1.4	63	20
601111	FD1025	1000	2500	110	160	65	1.5	2200	19	1.6	63	20
601112	FD1030	1000	3000	110	160	65	1.5	2200	19	1.8	63	20
601113	FD1035	1000	3500	110	160	75	1.5	2200	19	1.9	63	20
601114	FD1228	1200	2800	110	160	90	1.5	3000	24	2.2	63	20
601115	FD1230	1200	3000	140	160	100	1.5	3000	24	2.5	63	20
601116	FD1235	1200	3500	140	160	110	1.5	3000	24	3	63	20
601117	FD1430	1400	3000	160	200	125	1.5	3700	30	3.3	63	20
601118	FD1435	1400	3500	160	200	135	1.5	3700	30	4	63	20
601119	FD1632	1600	3200	160	200	160	1.5	3700	40	5.8	63	20
601120	FD1835	1800	3500	160	200	180	1.5	3700	40	6.2	63	20
601121	FD2052	2000	5200	250	300	230	1.5	6600	54	12.56	63	20

Degassing tower

Product Benefits

- ◆ To kill bacteria and degrade organic matter in water;
- ◆ To increase oxygen content and dissolved oxygen content in water effectively;
- ◆ To remove part of residual ozone;
- ◆ To reduce carbon dioxide content in water by stone;
- ◆ Remove saturated nitrogen.
- ◆ Remove volatile organic carbon.

Inlet
Overflow
Air Inlet
Outlet
Sewage outlet

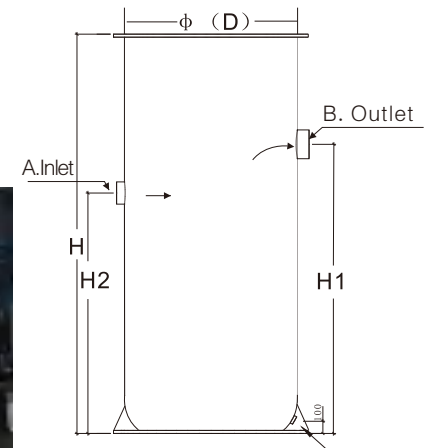| P/N	Model	Diameter D(mm)	Height H(mm)	Design flow (m³/h)	Inlet A(mm)	Outlet B(mm)	Overflow C(mm)	Inlet H1(mm)	Outlet H2(mm)	Overflow H3(mm)	Sand loading (kg)
602401	FT0214	200	1400	2.3	Dn20	Dn32	Dn20	1100	200	1250	0.012
602402	FT0314	300	1400	4.5	DN25	DN40	DN25	1100	200	1250	0.028
602403	FT3515	350	1500	6.8	DN32	DN50	DN32	1200	200	1350	0.038
602404	FT0417	400	1700	11.4	DN40	DN50	DN40	1400	200	1550	0.05
602405	FT0620	600	2000	22.7	DN65	DN80	DN65	1500	200	1850	0.198
602406	FT0722	700	2200	47	DN80	DN100	DN80	1700	200	2050	0.269
602407	FT0825	800	2500	68	DN100	DN125	DN100	2000	200	2300	0.352
602408	FT0926	900	2600	84	DN100	DN125	DN100	2100	250	2400	0.508
602409	FT1027	1000	2700	114	DN125	DN150	DN125	2200	250	2500	0.628
602410	FT1230	1200	3000	152	DN150	DN200	DN150	2400	300	2800	0.905
602411	FT1435	1400	3500	191	DN150	DN200	DN150	2900	300	3250	1.539
602412	FT1637	1600	3700	227	DN200	DN250	DN200	3100	350	3350	2.011
602413	FT1840	1800	4000	260	DN200	DN250	DN200	3300	350	3650	2.545
602414	Ft2045	2000	4500	328	Dn200	Dn250	Dn200	3800	350	4150	3.142

Product Benefits

Quicksand biochemical filter (commonly known as: fluidized bed filter, flowing sand filter or flowing sand), using the principle of imitating the river bed of nature, when the water in the filter flows upward, the fluid carrier sand particles will roll upward with the water flow, forming suspension, avoiding the blockage problem that often occurs in ordinary biological filters. The quicksand biochemical filter uses the surface area of quartz sand to culture nitrifying bacteria, so that the growth of nitrifying bacteria on the surface of the generation of reproduction cycle of nitrifying bacteria to biological filtration of aquaculture water to remove ammonia nitrogen treatment, so as to play a role in purifying water quality and establishing good water quality of fish ponds.

Application

Factory culture plant, seawater recirculating culture or nursery, seafood temporary culture, oceanarium and aquarium, sewage treatment, etc. .

| P/N | Model | Inlet A(mm) | Outlet B(mm) | Diameter D(mm) | HeightSize | | | Design flow (m³/h) | Sand loading (kg) | Gross weight of product (kg) |
					Height H(mm)	Outlet H1(mm)	Inlet H2(mm)			
605101	FLS0214	40	40	225	1400	1225	90	2.27	0.015	16
605102	FLS3515	50	50	355	1500	1225	100	4.54	0.04	39
605103	FLS4517	50	80	450	1700	1455	115	9.1	0.078	72
605104	FLS05185	50	80	500	1850	1505	1250	11.3	0.13	93
605105	FLS0620	65	80	600	2000	1650	1380	18.6	0.18	97
605106	FLS0625	80	100	600	2500	2150	1750	21.5	0.24	109
605107	FLS0726	80	100	700	2600	2100	1800	22.7	0.35	141
605108	FLS0825	80	100	800	2500	2000	1700	25	0.42	197
605109	FLS0828	100	125	800	2800	2200	1800	37	0.47	237
605110	FLS0928	125	150	900	2800	2200	1800	45	0.61	272
605111	FLS1030	150	150	1000	3000	2200	1800	62	0.81	308
605112	FLS1130	150	150	1100	3000	2375	1975	68.1	0.98	332
605113	FLS1230	150	150	1200	3000	2375	1975	72	1.13	386
605114	FLS1233	150	150	1200	3300	2375	1975	83.5	1.23	413
605115	FLS1433	150	200	1400	3300	2375	1975	113.6	1.53	534

*Specifications and sizes can be customized according to different requirements
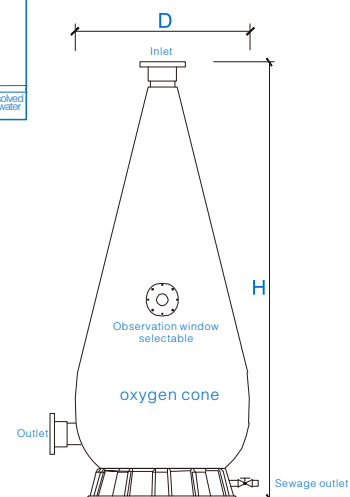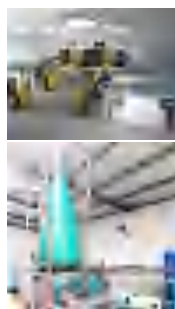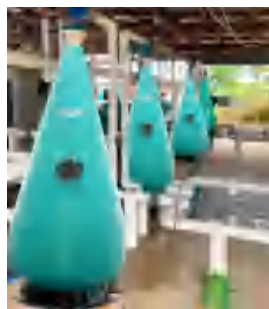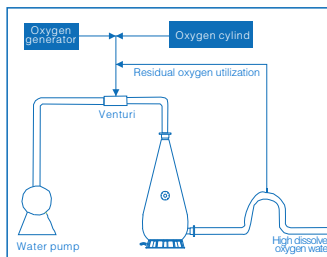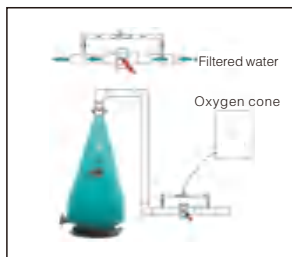
Mixed oxygen cone

Product introduction

Mixed oxygen cones, also known as oxygen cones, are suitable for aquaculture, especially for high–density industrial aquaculture. Made of high quality FRP composite polyester material, it has good chemical corrosion resistance, sun protection and UV protection. The appearance is made of winding reinforced production technology, strong and safe. Oxygen cone is one of the main technologies used in industrial aquaculture to control dissolved oxygen in aquaculture water. With high dissolved oxygen efficiency, high dissolved oxygen saturation after mixing, reduce oxygen waste, compact volume, easy to operate.

Application

Large–scale industrial aquaculture farms, seawater nursery farms, large–scale temporary aquaculture bases, aquariums, aquariums, sewage treatment plants, gas and liquid dissolution or reaction in chemical industry.

Installation

Filtered water
Oxygen cone

Oxygen generator
Oxygen cylind
Residual oxygen utilization
Venturi
Water pump
High dissolved oxygen water

D
Inlet
Observation window selectable
H
oxygen cone
Outlet
Sewage outlet

P/N	Model	Diameter D(mm)	Height H(mm)	Inlet/Outlet (mm)	Design flow (m³/h)	measure the dissolved oxygen rate at (PSI)	20 degrees Celsius (kg/h)	The concentration of dissolved oxygen in he effluent (mg/l)
603101	FZ4010	¢400	1050	2"/63mm法兰	8	20	1	65
603102	FZ4013	¢400	1300	2"/63mm法兰	10	20	1	65
603103	FZ5012	¢500	1200	2"/63mm法兰	12	20	1.2	65
603104	FZ6015	¢600	1520	2"/63mm法兰	15	20	1.2	65
603105	FZ7017	¢700	1700	3"/90mm法兰	25	20	1.5	65
603106	FZ8019	¢800	1900	3"/90mm法兰	30	20	1.8	65
603107	FZ8523	¢850	2250	3"/90mm法兰	35	20	2	65
603108	FZ9021	¢900	2100	4"/110mm法兰	45	20	2.4	65
603109	FZ1025	¢1000	2500	4"/110mm法兰	55	20	3.5	65
603110	FZ1027	¢1000	2720	4"/110mm法兰	85	20	3.9	65
603111	FZ1127	¢1100	2700	5"/140mm法兰	92	20	4.5	65
603112	FZ1230	¢1200	3000	5"/140mm法兰	101	20	5	65
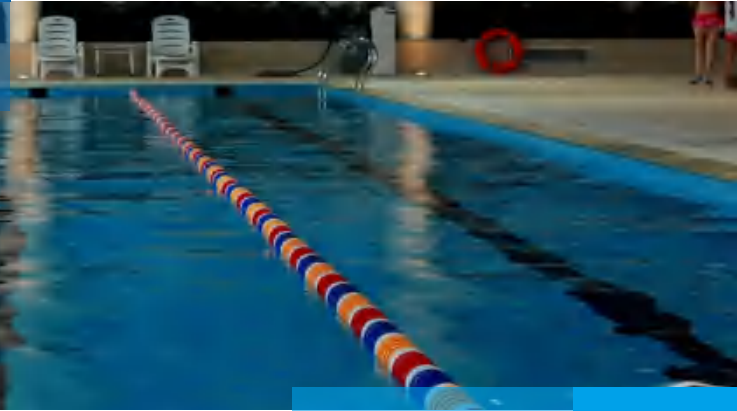
SP1424 IN-LINE WATER DISTRIBUTOR

Standard	Size	Outside diameter specification	Piping specification
Metric system (GB)	1.5"Metric system	ø45mm	ø50mm pipe/1.0 mpa PVC pipe
	2"Metric system	ø57mm	ø63mm pipe/1.0 mpa PVC pipe
	2.5"Metric system	ø66.8mm	ø75mm pipe/1.0 mpa PVC pipe
	13"Metric system	ø80.9mm	ø90mm pipe/1.0 mpa PVC pipe
	4"Metric system	ø100.7mm	ø110mm pipe/1.0 mpa PVC pipe

Standard	Size	Outside diameter specification	Piping specification
Metric system (BS)	1.5"Metric system	ø43mm	ø48mm pipe/Grade D 1.5" PVC pipe
	2"Metric system	ø54mm	ø60mm pipe/Grade D 1.5" PVC pipe
	2.5"Metric system	ø68mm	ø75mm pipe/Grade C 1.5" PVC pipe
	13"Metric system	ø80mm	ø88. 5mm pipe/Grade C 1.5" PVC pipe
	4"Metric system	ø104.6mm	ø114mm pipe/Grade C 1.5" PVC pipe

SP1424:1.5"Public/English general;
SP1424:2"Public/English general;
SP1424:3" public/English general)

SP1019 IN-LINE SPILLWAY

Product Name:IN−LINE SPILLWAY
Material: ABS
Model: SP1019
Specification: 1.5" /2"

SP1019 WATER SPREADER

Product Name:water spreader
Material: ABS
Model: SP1019
Specification: 1.5" /2"
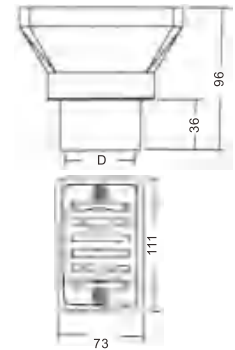
SP1022 IN-LINE SUCTION PORT

Product Name:IN−LINE SUCTION PORT
Material: ABS
Model: SP1022
Specification: 1.5" /2"

SP1022 SUCTION PORT

Product Name:SUCTION PORT
Material: ABS
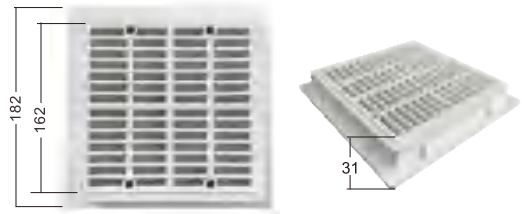Model: SP1022
Specification: 1.5" /2"

QLOZONE
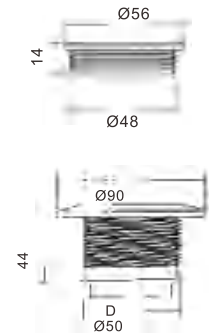
SP1030 CIRCULAR MAIN ROW

Ø195
Ø203
32

Product Name:CIRCULAR MAIN ROW
Material: ABS
Model: SP1030

SP1029 MASTER ROW

182
162
31

Product Name:IMASTER ROW
Material: ABS
Model: SP1029
Size:162*162mm

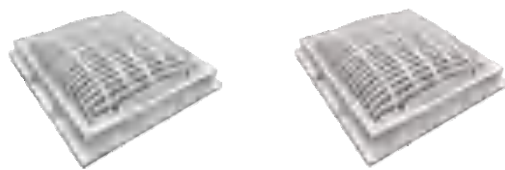## SP1031 SQUARE MAIN ROW

252
224
30

Product Name:SQUARE MAIN ROW
Material: ABS
Model: SP1031
Size:224*224mm

SP1032 SQUARE MAIN ROW

300
280
30

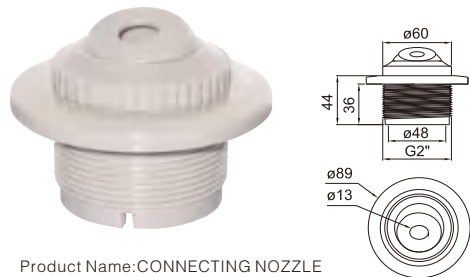Product Name:SQUARE MAIN ROW
Material: ABS
Model: SP1032
Size:280*280mm

SUCTION PROOF SQUARE MAIN ROW

Product Name:SUCTION PROOF
            SQUARE MAIN ROW
Material: ABS
Model: FDP-9"
Size:263*263*32mm

Product Name:SUCTION PROOF
            SQUARE MAIN ROW
Material: ABS
Model: FDP-12"
Size:336*336*32mm

CONNECTING NOZZLE

ø60
44
36
ø48
G2"
ø89
ø13

Product Name:CONNECTING NOZZLE
Material: ABS
Model: B-213
Size:1.5"

ø11CM
Normal swimming line
（scratch-proof）

P/N	Diameter (mm)	Length (m)	PackSize (mm)	Weigth (kg)	Color
693115	11	25	130*500*480	18	Red/blue/yellow
693116	11	50	1830*600*550	35	

ø12CM／ø15CM
Six diamond swimming line
（scratch-proof）
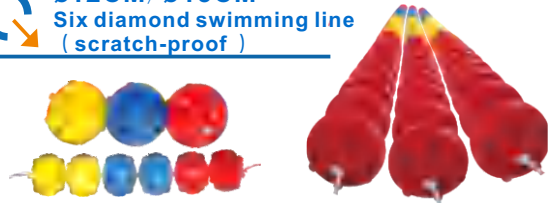
P/N	Diameter (mm)	Length (m)	PackSize (mm)	Weigth (kg)	Color
693126	12	25	130*520*550	32	Red blue yellow
693127	12	50	1860*650*600	63	
693128	15	25	1250*940*590	49	
693129	15	50	1300*960*1000	98	

ø6CM／ø120CM
Spiral swimming line
（scratch-proof）
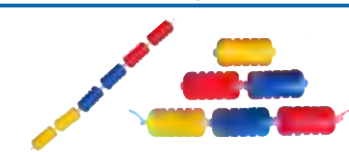
P/N	Diameter (mm)	Length (m)	PackSize (mm)	Weigth (kg)	Color
693132	6	25	860*450*390	14	Red blue yellow
693133	6	50	1000*710*420	27	
393134	9	25	960*710*440	17	
693135	9	50	1830*600*550	33	

Class one starting platform
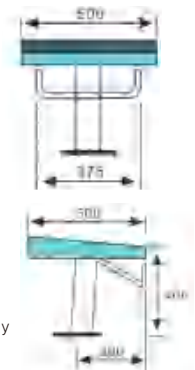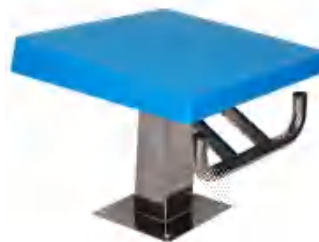
Name:Class one starting platform
Materials：Fiberglass cladding +SS304 Main body
Model:693118
Specification:500*500mm

Class Two Starting Platform

Name:Class two starting platform
Materials：Fiberglass cladding +SS304 Main body
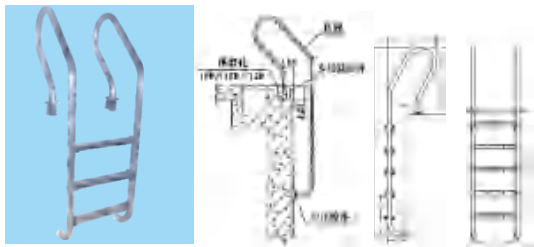Model:693119
Specification:500*500mm

Lifeguard Chair

Name:Lifeguard chair
Materials：Fiberglass cladding +SS304 Main body
Model:693129
Specification:1900*900*800mm

Name:Lifeguard chair
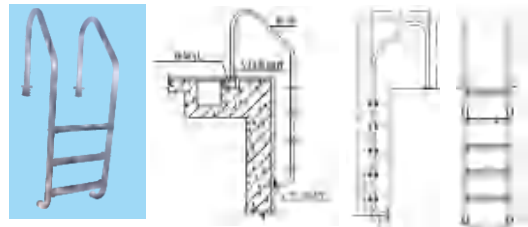Materials：ABS
Model:693126
Specification:1950*1250*950mm

SF ESCALATOR

P/N	Modell	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
691101	SF215	320	670	250	640	170	500	490
691102	SF315	320	920	250	640	170	500	490
691103	SF415	320	1170	250	640	170	500	490
691104	SF515	320	1420	250	640	170	500	490

SL ESCALATOR

P/N	Modell	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
691201	SL215	645	580	250	720	170	500
691202	SL315	645	830	250	720	170	500
691203	SL415	645	1080	250	720	170	500
691204	SL515	645	1330	250	720	170	500

SUPERIOR GRILLE

Code	692503
Size	25cm
Material	Imitation ABS/ABS
Color	Bone colr

SINGLE PLUG GRILLE

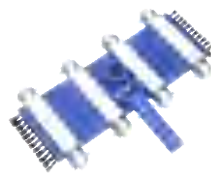| Code	692101	692102	692103	692104
Size	25cm	20cm	25cm	30cm
Material	Imitation ABS/ABS			
Color	Bone colr			

CLEANING EQUIPMENT

Name:leaf rake
Code:651130

Name:durable leaf rake
Code:651104

Name:14" Brush suction head
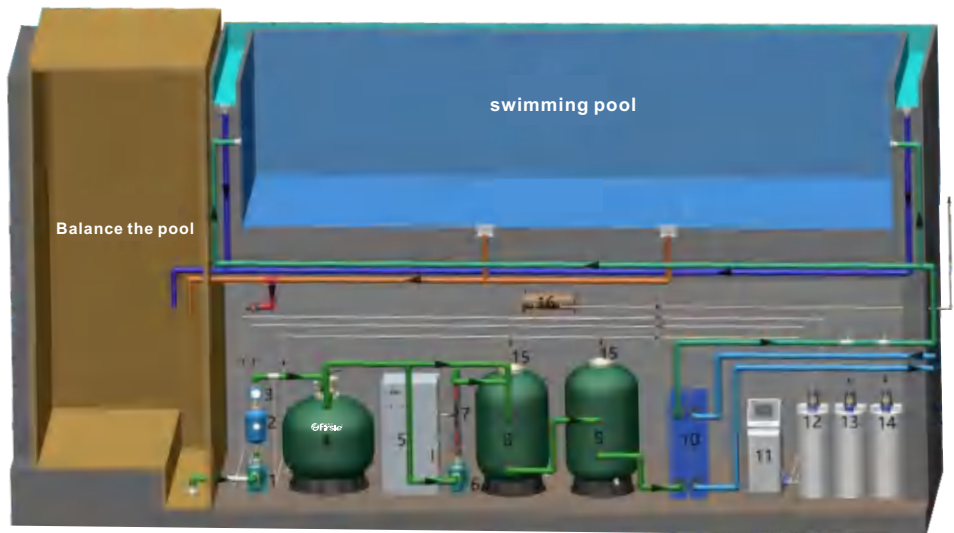Code:651114

Name:telescopic pole

Size	3M	5M	7M
P/N	651116	651117	651118

Name:vacuum hose

Size	15M	30M
P/N	651107	651108

FLOW CHART OF WATER PURIFICATION PROCESS FOR DOWN-FLOW FULL-FLOW SEMI-PROGRAM OZONE DISINFECTION POOL

P/N	Number
1	Circulating water pump
2	Copper silver ion sterilizer
3	Check valve
4	Filter
5	Ozone generator
6	Ozone dosing pump
7	Ozone water injector
8	Ozone reactor
9	Activated carbon adsorption filter
10	Plate heater
11	Online water quality detector
12	Coagulant doser
13	Chlorine disinfectant doser
14	PH adjuster
15	Air relief valve
16	Residual ozone decomposer

FLOW CHART OF WATER PURIFICATION PROCESS FOR COUNTERCURRENT FULL FLOW SEMI-PROGRAM OZONE DISINFECTION POOL

P/N	Number
1	Circulating water pump
2	Copper silver ion sterilizer
3	Check valve
4	Filter
5	Ozone generator
6	Ozone dosing pump
7	Ozone water injector
8	Ozone reactor
9	Activated carbon adsorption filter
10	Plate heater
11	Online water quality detector
12	Coagulant doser
13	Chlorine disinfectant doser
14	PH adjuster
15	Air relief valve
16	Residual ozone decomposer

WATER PURIFICATION PROCESS FLOW CHART OF MIXED FLOW FULL FLOW SEMI-PROGRAM OZONE DISINFECTION POOL

No.	Number
1	Circulating water pump
2	Copper silver ion sterilizer
3	Check valve
4	Filter
5	Ozone generator
6	Ozone dosing pump
7	Ozone water injector
8	Ozone reactor
9	Activated carbon adsorption filter
10	Plate heater
11	Online water quality detector
12	Coagulant doser
13	Chlorine disinfectant doser
14	PH adjuster
15	Air relief valve
16	Residual ozone decomposer

SWIMMING POOL WATER QUALITY INSPECTION ITEMS AND STANDARDS

No.	Item	Standard
1	turbidity	≤1
2	PH	7.0~7.8
3	urea mg/L	≤3.5L
4	Total colony（36±1℃，48h）CFU/ml	≤200
5	Total coliform 36±1℃，24h	Not detectable every 100ml
6	Free residual chlorine mg/L	0.3~1.0
7	Combined residual chlorine mg/L	≤0.4
8	Ozone disinfection dose mg/m3	≤Less than or equal to 0.2 below water surface in the air
9	Water temperature ℃	23~30

Table 1: Swimming pool water quality routine inspection items and limits

No.	Item	Standard
1	Total dissolved solids TDS/mg/L	≤Raw water TDS+1500
2	REDOX potential ORP mV	≥650
3	Cyanuric acid mg/L	≤150
4	trihalomethane THMug/L	≤200

Table 2: Non-routine test items and limits of swimming pool water quality

QLOZONE