

A stylized world map in shades of teal and green, serving as a background for the text.

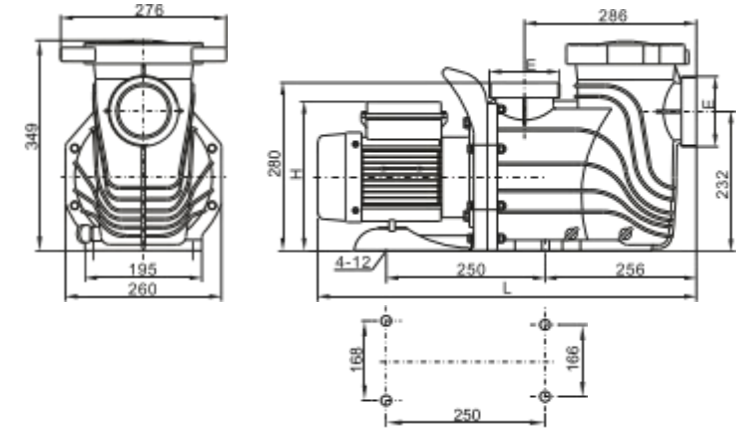
# Chengdu Ruisite Sports Goods Co., Ltd.

OxSynergy Core

# 泳池水泵

## POOL PUMP

外形安装尺寸 Overall dimension

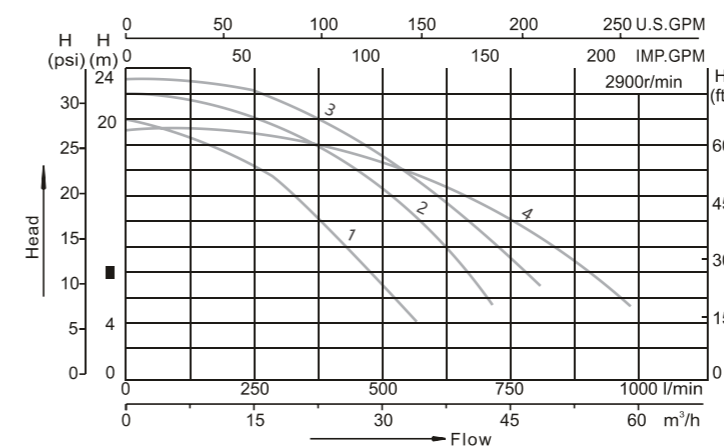


型号 Model	L	H	E
DSL-SS-SF150A	625	236.5	2.5FBT
DSL-SS-SF220A	642	254	or
DSL-SS-SF300A	656	257	4.5BUTT
DSL-SS-SF300A(I)	656	257	

技术参数表 Technical Specification

型号 Model	最大流量 Q <sub>max</sub> (L/min)	扬程 Head (m)	输入功率Power		电压/频率 Voltage/frequency (V/Hz)	电 流 Electric current (A)	接头尺寸(mm) Fitting size		毛重 GW (Kg)	包装尺寸 L x W x H (mm)	曲线 Curves
			(kW)	(HP)			2.5FBT	4.5BUTT			
DSL-SS-SF150A	560	20	1.5	2	220-240/50	7		73	27.5	700X305X440	1
DSL-SS-SF220A	715	22	2.2	3	220-240/50	10	73 75	75 76	30.5	700X305X440	2
DSL-SS-SF300A	800	23	3	4	220-240/50	14	60.3 63	88.9 90	32.5	715X305X440	3
DSL-SS-SF300A(I)	980	19	3	4	220-240/50	14		90	31	715X305X440	4

性能曲线图 Performance Curves

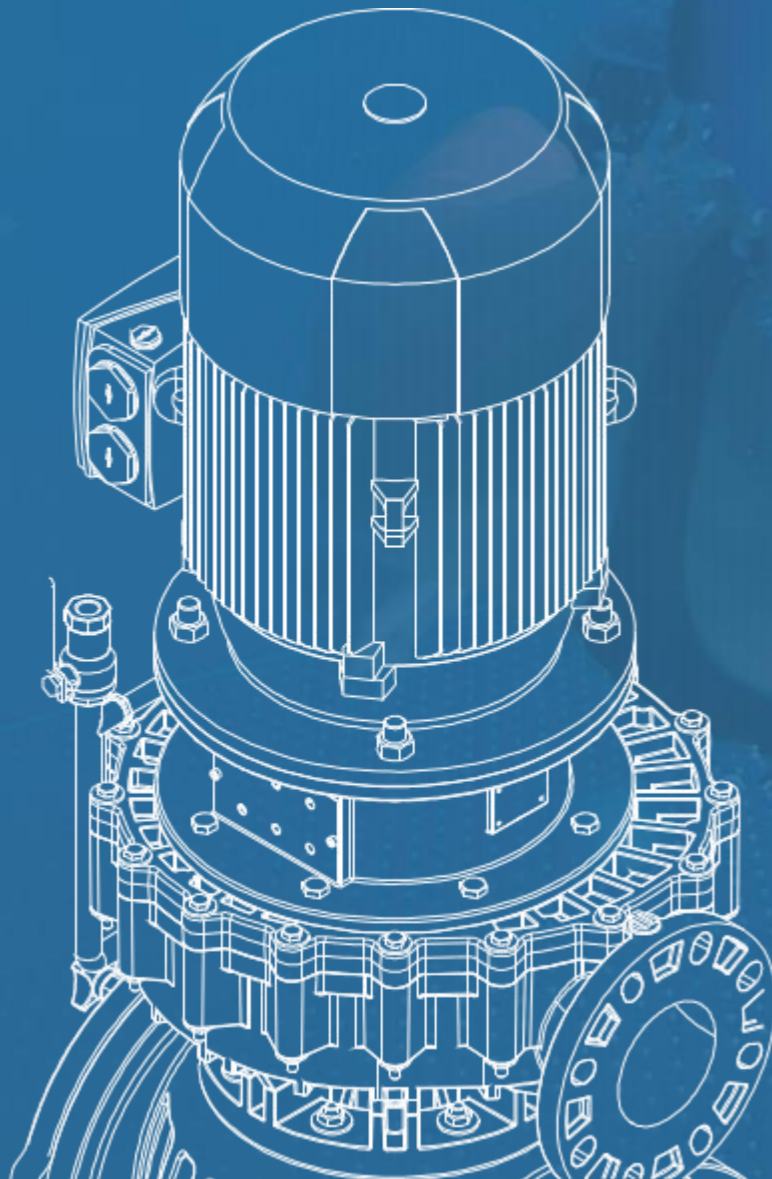


### 工作条件

- 介质温度:0~+75°C
- 环境温度:≤+50°C
- 最大工作压力:0.7MPa

### Working conditions

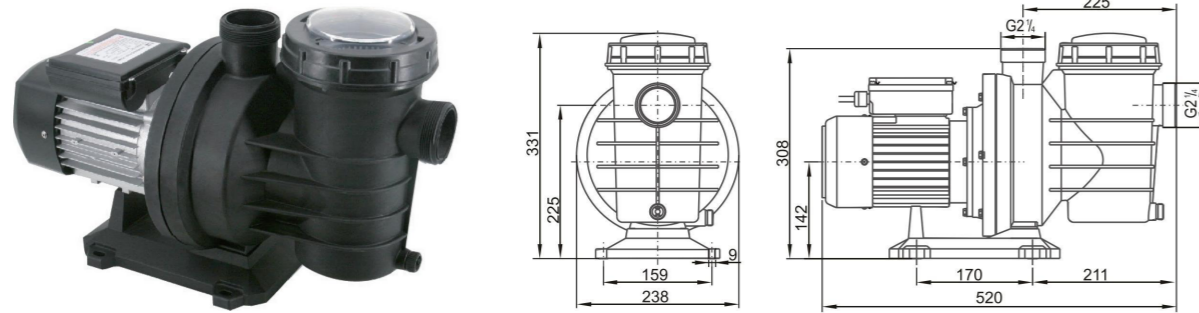
- Medium temperature:0~+75°C
- Environmental temperature:≤+50°C
- Max.working pressure:0.7MPa



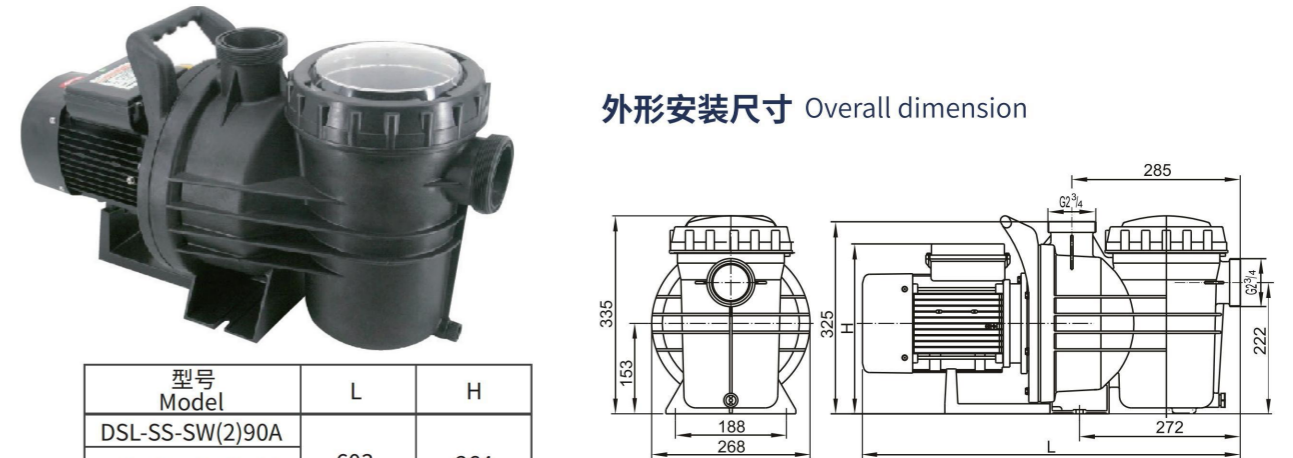
# 泳池水泵

## POOL PUMP

外形安装尺寸 Overall dimension



外形安装尺寸 Overall dimension



型号 Model	L	H
DSL-SS-SW(2)90A	603	264
DSL-SS-SW(2)110A		267
DSL-SS-SW(2)150A		278
DSL-SS-SW(2)185A		285
DSL-SS-SW(2)220A	616	285
DSL-SS-SW(2)300A	640	288

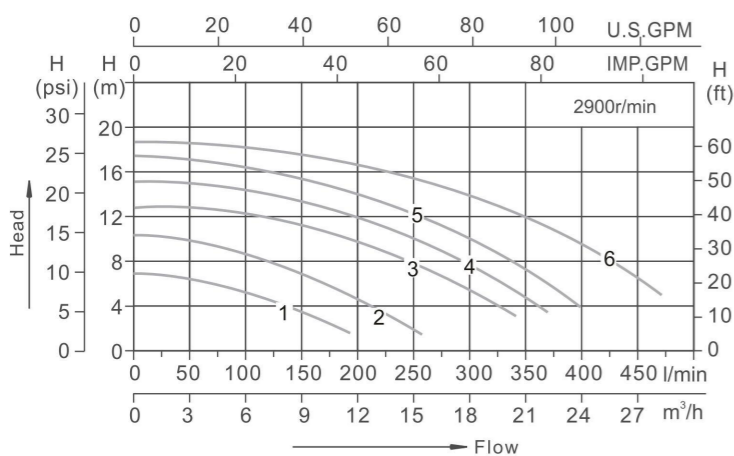
技术参数表 Technical Specification

型号 Model	最大流量 Q <sub>max</sub> (L/min)	扬程 Head (m)	输入功率Power		电压/频率 Voltage/frequency (V/Hz)	电 流 Electric current (A)	接头尺寸 Fitting size (mm)	毛重 GW (Kg)	包装尺寸 L x W x H (mm)	曲线 Curves
			(kW)	(HP)						
DSL-SS-SW37A	195	7	0.37	0.50	220-240/50	1.9	48.5or50	9.6	575x275x405	1
DSL-SS-SW55A	255	10	0.55	0.75	220-240/50	2.7	48.5or50	10.7	575x275x405	2
DSL-SS-SW75A	340	12.5	0.75	1.0	220-240/50	3.8	48.5or50	11.3	575x275x405	3
DSL-SS-SW90A	370	15	0.9	1.2	220-240/50	4.6	48.5or50	12.5	575x275x405	4
DSL-SS-SW110A	390	17.5	1.1	1.5	220-240/50	5.8	48.5or50	13	575x275x405	5
DSL-SS-SW150A	470	18.5	1.5	2.0	220-240/50	7.0	48.5or50	13.8	575x275x405	6

技术参数表 Technical Specification

型号 Model	最大流量 Q <sub>max</sub> (L/min)	扬程 Head (m)	输入功率Power		电压/频率 Voltage/frequency (V/Hz)	电 流 Electric current (A)	接头尺寸 Fitting size (mm)	毛重 GW (Kg)	包装尺寸 L x W x H (mm)	曲线 Curves
			(kW)	(HP)						
DSL-SS-SW(2)90A	350	12.5	0.9	1.2	220-240/50	4.6	60.3or63	15.8	675x315x420	1
DSL-SS-SW(2)110A	380	16.5	1.1	1.5	220-240/50	5.2	60.3or63	16.5	675x315x420	2
DSL-SS-SW(2)150A	500	20	1.5	2.0	220-240/50	7.0	60.3or63	18.8	675x315x420	3
DSL-SS-SW(2)185A	560	19.5	1.85	2.5	220-240/50	8.6	60.3or63	20.5	675x315x420	4
DSL-SS-SW(2)220A	600	22	2.2	3.0	220-240/50	10	60.3or63	22	675x315x420	5
DSL-SS-SW(2)300A	650	25	3.0	4.0	220-240/50	14	60.3or63	25.3	700x315x420	6

性能曲线图 Performance Curves



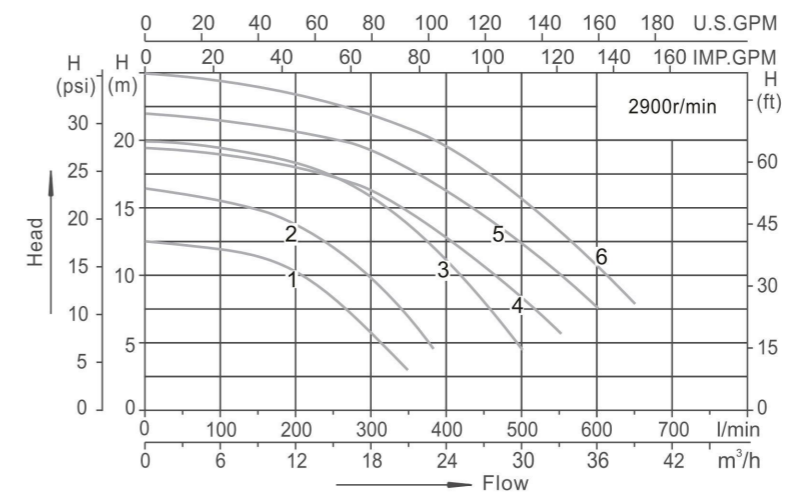
工作条件

- 介质温度:5-50°C
- 环境温度:<50°C
- 最大工作压力:0.3MPa

### Working conditions

Medium temperature:5-50°C  
Environmental temperature:<50°C  
Max.working pressure:0.3MPa

性能曲线图 Performance Curves



工作条件

- 介质温度:5-50°C
- 环境温度:<50°C
- 最大工作压力:0.3MPa

### Working conditions

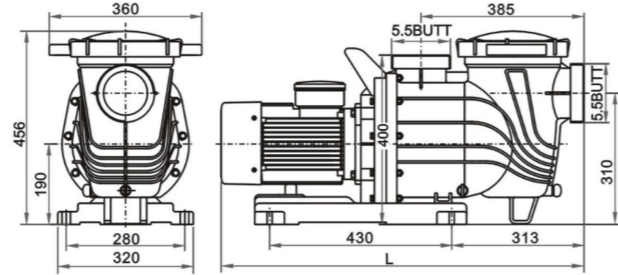
Medium temperature:5-50°C  
Environmental temperature:<50°C  
Max.working pressure:0.3MPa

# 泳池水泵

## POOL PUMP



外形安装尺寸 Overall dimension



型号 Model	L
DSL-SS-SL220A-(T)	800
DSL-SS-SL300A-(T)	
DSL-SS-SL400A-T	857
DSL-SS-SL550A-T	
DSL-SS-SL750A-T	

### 特点

- 标配一体式塑料安装底板;
- 配置高效电机, 高效节能, 使用寿命长。

### 适用范围

- 可在75°C介质条件下长期安全运行, 适用于天然温泉水循环;
- 适用于大型水上世界、海洋馆, 大型游泳池等水循环过滤系统。

### Feature

- Integrated plastic mounting base plate is provided as standard.
- High efficient motor, Energy saving, Long durability.

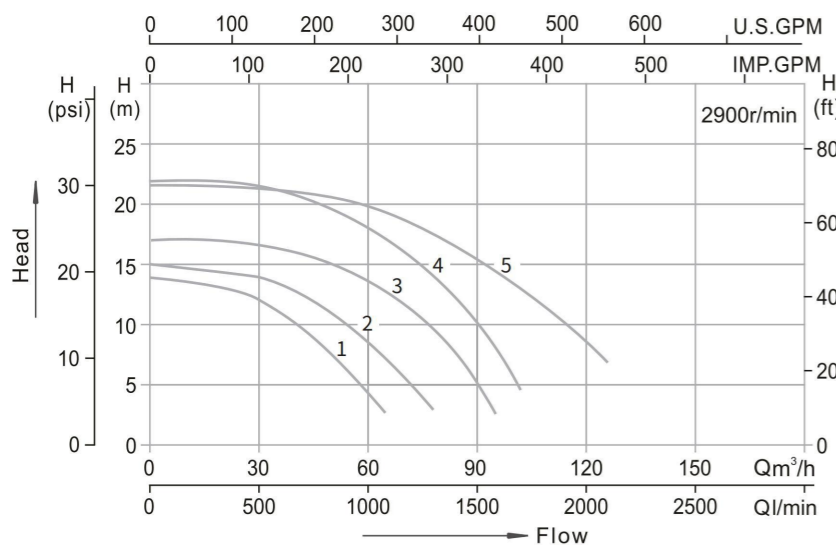
### Application

- Long safety operation under 75°C medium, applicable to natural Hot Spring water circulation.
- Compatible large water world, aquarium and large swimming pool

技术参数表 Technical Specification

型号 Model	最大流量 Q <sub>max</sub> (L/min)	扬程 Head (m)	功率Power		电流Amps		接头尺寸 Fitting size(mm)		毛重 GW (Kg)	L x W x H (mm)	曲线 Curves
			(kW)	(HP)	220V/50Hz	380V/50Hz	3"	4"			
DSL-SS-SL220A-(T)	1080	14	2.2	3	10	4.1	88.9	110	45.5	840*395*600	1
DSL-SS-SL300A-(T)	1300	15	3.0	4	14	5.2			47	840*395*600	2
DSL-SS-SL400A-T	1580	17	4.0	5	-	8.2	90	114.3	54.5	930*395*600	3
DSL-SS-SL550A-T	1700	22	5.5	7.5	-	9.6			60.3	930*395*600	4
DSL-SS-SL750A-T	2100	21.5	7.5	10		11.1			64.5	930*395*600	5

性能曲线图 Performance Curves



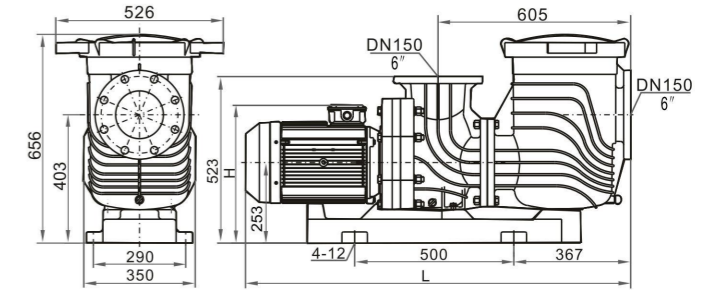
### 工作条件

- 介质温度: 0~+75°C
- 环境温度: ≤+50°C
- 最大工作压力: 0.7MPa

### Working conditions

- Medium temperature: 0~+75°C
- Environmental temperature: ≤+50°C
- Max. working pressure: 0.7MPa

外形安装尺寸 Overall dimension



### 特点

- 进出口法兰为国标DN150, 同时可适配美国ANSI.B16.5法兰标准;
- 标配一体式塑料安装底板, 可选配铸铝底脚;
- 配置高效电机, 高效节能, 使用寿命长。

### Feature

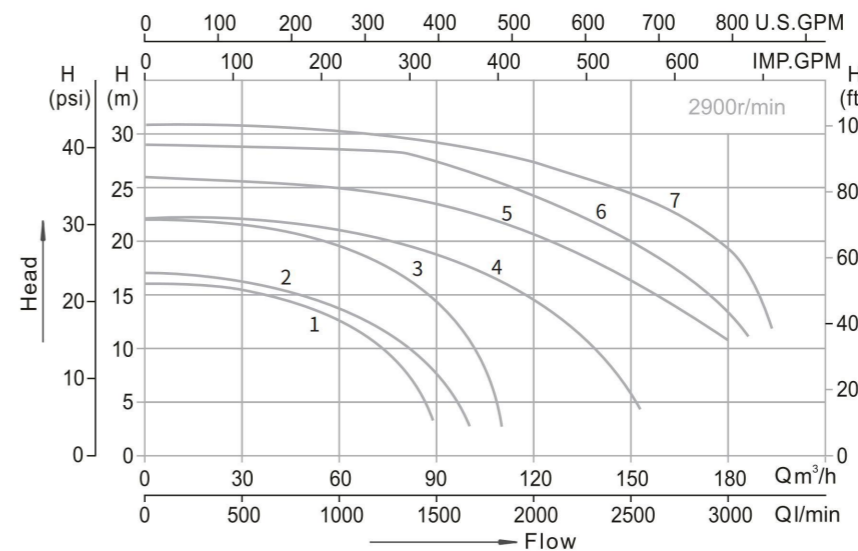
- Inlet and outlet flange are national standard DN150. It also can be adapted to American ANSI.B16.5 flange standard
- Integrated plastic mounting base plate is provided as standard, and cast aluminum foot is optional.
- High efficient motor, Energy saving, Long life.

型号 Model	L	H
DSL-SS-SE300A-T	1155	414
DSL-SS-SE400A-T		
DSL-SS-SE550A-T		
DSL-SS-SE750A-T	1210	433
DSL-SS-SE1100A-T		
DSL-SS-SE1500A-T		
DSL-SS-SE1850A-T	1251	

技术参数表 Technical Specification

型号 Model	最大流量 Q <sub>max</sub> (L/min)	扬程 Head (m)	功率Power		电压/频率 Voltage/frequency (V/Hz)	电 流 Electric current (A)	进 出 水 口 法 兰 Inlet/outlet	毛 重 GW (Kg)	L x W x H (mm)	曲线 Curves
			(kW)	(HP)						
DSL-SS-SE300A-T	1480	16	3	4	380/50	5.9	DN150(6")	88.5	1290*515*800	1
DSL-SS-SE400A-T	1680	17	4	5	380/50	6.8	DN150(6")	88.5	1290*515*800	2
DSL-SS-SE550A-T	1830	22	5.5	7.5	380/50	10.3	DN150(6")	91.5	1290*515*800	3
DSL-SS-SE750A-T	2560	22	7.5	10	380/50	12.7	DN150(6")	95	1290*515*800	4
DSL-SS-SE1100A-T	3000	26	11	15	380/50	20.1	DN150(6")	129	1290*515*800	5
DSL-SS-SE1500A-T	3100	29	15	20	380/50	26.7	DN150(6")	137	1290*515*800	6
DSL-SS-SE1850A-T	3300	31	18.5	25	380/50	30.3	DN150(6")	144	1290*515*800	7

性能曲线图 Performance Curves



### 工作条件

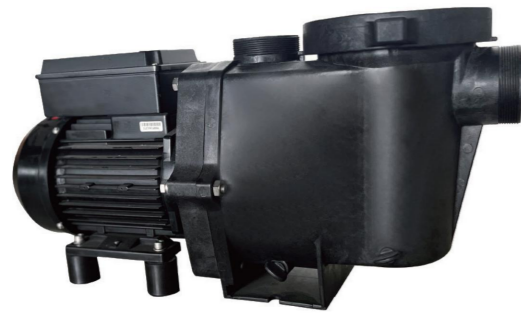
- 介质温度: 0~+75°C
- 环境温度: ≤+50°C
- 最大工作压力: 0.7MPa

### Working conditions

- Medium temperature: 0~+75°C
- Environmental temperature: ≤+50°C
- Max. working pressure: 0.7MPa

# 泳池水泵

## POOL PUMP



### 性能特点

- 泳池水泵电机外壳为优质铝合金
- 泳池水泵电机内置T1过热保护器, 确保使用安全、方便。
- 泳池水泵电机防护等级为IPX6。
- 泳池水泵电机绝缘等级为F级。
- 泳池水泵泵体及过滤部件采用耐腐蚀的工程塑料, 水泵自带毛发收集器。
- 采用优质专用机械密封, 可以长时间连续运行不漏水。
- 整机噪音低、振动小、使用寿命长。
- 缸体泵体高效设计, 流量大, 盖、渣篮拆装方便。
- 所有金属外壳喷涂防锈漆。

### Performance

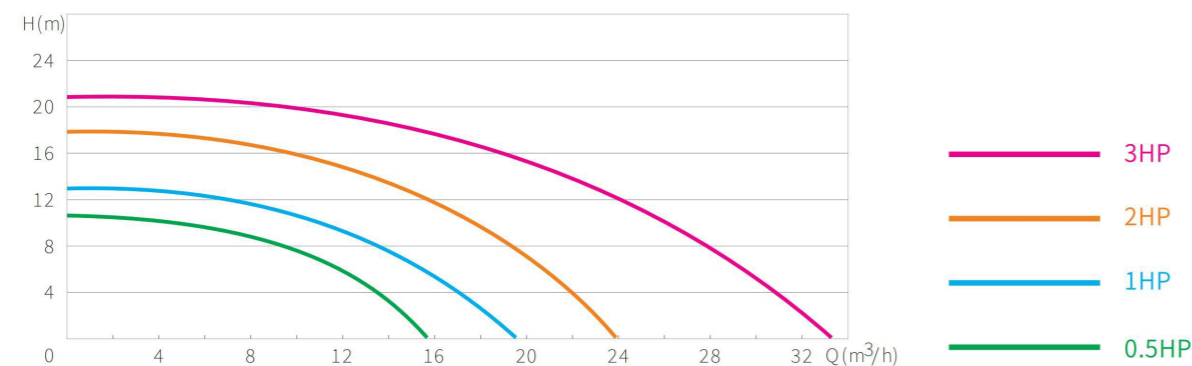
- The motor shell is made of superior aluminum alloy.
- Thermal protector T1(single phase) is safe and convenient in operation.
- The protection grade of the pump meets IPX6
- F-class insulation.
- The material of the pump body and other elements are engineering plastics which is anti-corrosion, the pump included strainer basket.

- Special-purpose machinery to seal makes constant watertight service.
- Low noise and little vibration, long working life.
- Effective design, large flow, convenient to remove the gland and slag basket.
- The whole metal shell is anticorrosion painted.

### 技术参数表 Technical Specification

型号 Model	流量 Flow (m <sup>3</sup> /h)	扬程 Hmax (m)	功率Power		转速 Rotational speed (r/min)	电压/频率 (V/Hz)	电 流 Amps (A)	接 口 (inch)	L x W x H (mm)
			(kW)	(HP)					
DSL-PP-5	8	9	0.375	0.5	2860	220/50	1.8	2"	560*315*270
DSL-PP-10	10	10	0.75	1	2860	220/50	3.5	2"	560*315*270
DSL-PP-20	15	12	1.5	2	2860	220/50	7	2"	590*315*270
DSL-PP-30	20	16	2.2	3	2860	220/50	10	2"	620*315*270

### 性能曲线图 Performance Curves

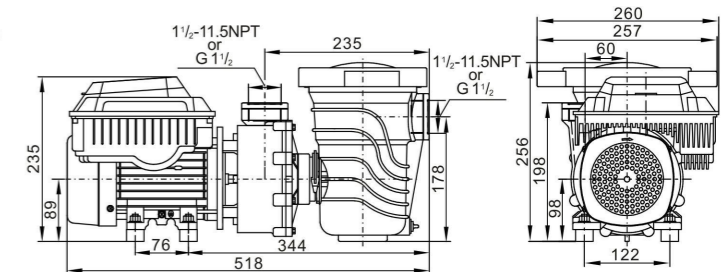


# 泳池变频水泵

## VARIABLE FREQUENCY POOL PUMP



### 外形安装尺寸 Overall dimension



### 性能特点

- 采用V/F模式控制器, 实现单速水泵调速功能; 可选触控按键面板或物理按键面板, 设计精简, 操作逻辑简单, 安装方向可旋转;
- 可选自动模式和手动模式, 出厂默认为自动模式;
- 自动模式水泵转速出厂设定: 1档:3000rpm, 2档:1400rpm, 3档:2200rpm, 转速可在450~3450rpm之间通过速度档位键任意设定;
- 在手动模式下用户可自选取段速号运行, 并可修改其转速;
- 可通过外引键盘或通过RS485通讯接口控制水泵(两者只能选择一项);
- 高效节能;
- 电子保护。

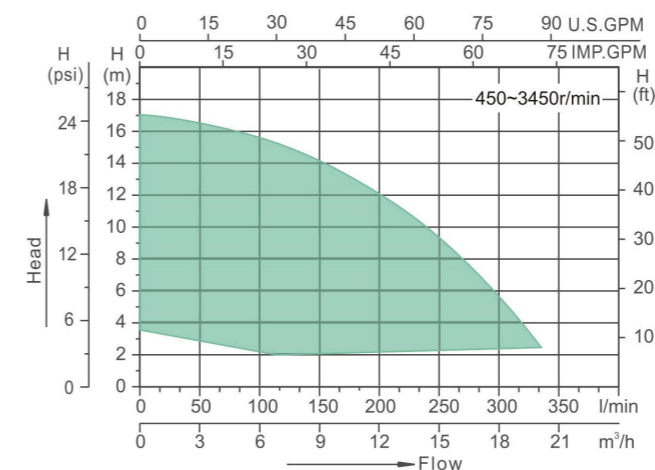
### Performance

- Adopt V/F mode controller to realize the speed control function; Optional touch keypad or physical key panel, simple design. simple operation, installation direction can be rotated.
- Automatic mode and manual mode are optional. The factory default is automatic mode. Factory
- Factory setting of electric pump speed in automatic mode: speed 1:3000rpm, speed 2:1400rpm, speed 3: 2200rpm, and the speed can be arbitrarily set between 450~3450rpm through the speed gear key.
- In the manual mode, the user can select the segment speed number to run and modify its speed.
- The machine can be started and stopped by external
- keyboard or RS485 communication (only one can be selected).
- Efficient and energy-saving
- Electronically-Protected.

### 技术参数表 Technical Specification

型号 Model	电压 (V)	频率 (Hz)	功率 (THP)	电 流 (Amps)	WEF	最大扬程 Hmax (m)	最大流量 Qmax (L/min)	接头尺寸 Fitting size (mm)	毛重 G.W (Kg)	包装尺寸 Packing size (mm)
DSL-SB100A	115 115/208-230V	50/60	1.3	12 12/6.6-6.0A	11.3	17	330	48.5 or 50	12.3	585x315x360

### 性能曲线图 Performance Curves



### 工作条件

- 介质温度: 5-50°C
- 环境温度: <50°C
- 最大工作压力: 0.3MPa

### Working conditions

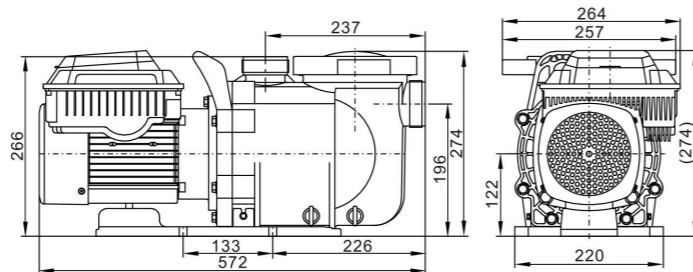
- Medium temperature: 5-50°C
- Environmental temperature: <50°C
- Max. working pressure: 0.3MPa

# 泳池变频水泵

## VARIABLE FREQUENCY POOL PUMP



外形安装尺寸 Overall dimension



### 性能特点

- 采用V/F模式控制器, 实现单速水泵调速功能; 可选触控按键面板或物理按键面板, 设计精简, 操作逻辑简单, 安装方向可旋转;
- 可选自动模式和手动模式, 出厂默认为自动模式;
- 自动模式电泵转速出厂设定: 1档:3000rpm, 2档:1400rpm, 3档:2200rpm, 转速可在450~3450rpm之间通过速度档位键任意设定;
- 在手动模式下用户可自选取段速号运行, 并可修改其转速;
- 可通过外引键盘或通过RS485通讯接口控制电泵(两者只能选择一项);
- 高效节能;
- 电子保护。

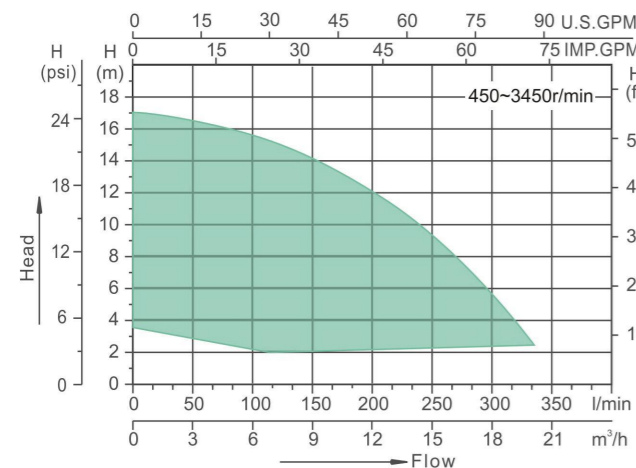
### Performance

- Adopt V/F mode controller to realize the speed control function; Optional touch keypanel or physical key panel, simple design, simple operation, installation direction can be rotated.
  - Automatic mode and manual mode are optional. The factory default is automatic mode.
  - Factory setting of electric pump speed in automatic mode: speed 1:3000rpm, speed 2:1400rpm, speed 3: 2200rpm, and the speed can be arbitrarily set between 450~3450rpm through the speed gear key.
  - In the manual mode, the user can select the segment speed number to run and modify its speed.
- The machine can be started and stopped by external keyboard or RS485 communication (only one can be selected).
- Efficient and energy-saving
  - Electronically-Protected.

### 技术参数表 Technical Specification

型号 Model	电压 (V)	频率 (Hz)	功率 (THP)	电流 (Amps)	WEF	最大扬程 Hmax (m)	最大流量 Qmax (L/min)	接头尺寸 Fitting size (mm)	毛重 G.W (Kg)	包装尺寸 Packing size (mm)
DSL-SB165A	115/208-230V	50/60	2.2	13.8/8.5-7.4	8.8	23	510	48.5 or 50 or 60.3	18	640x325x400

### 性能曲线图 Performance Curves



### 工作条件

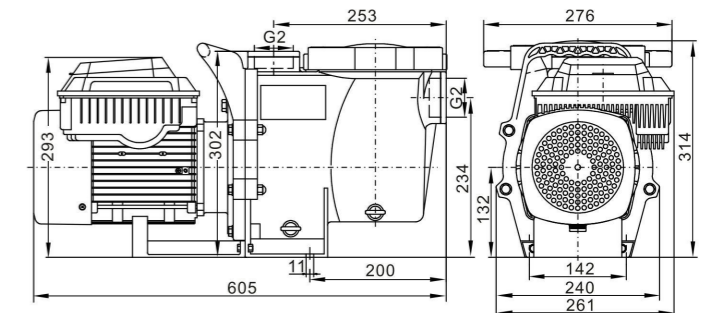
- 介质温度: 5-50°C
- 环境温度: <50°C
- 最大工作压力: 0.3MPa

### Working conditions

- Medium temperature: 5-50°C
- Environmental temperature: <50°C
- Max. working pressure: 0.3MPa



外形安装尺寸 Overall dimension



### 性能特点

- 采用V/F模式控制器, 实现单速水泵调速功能; 可选触控按键面板或物理按键面板, 设计精简, 操作逻辑简单, 安装方向可旋转;
- 可选自动模式和手动模式, 出厂默认为自动模式;
- 自动模式电泵转速出厂设定: 1档:3000rpm, 2档:1400rpm, 3档:2200rpm, 转速可在450~3450rpm之间通过速度档位键任意设定;
- 在手动模式下用户可自选取段速号运行, 并可修改其转速;
- 可通过外引键盘或通过RS485通讯接口控制电泵(两者只能选择一项);
- 高效节能;
- 电子保护。

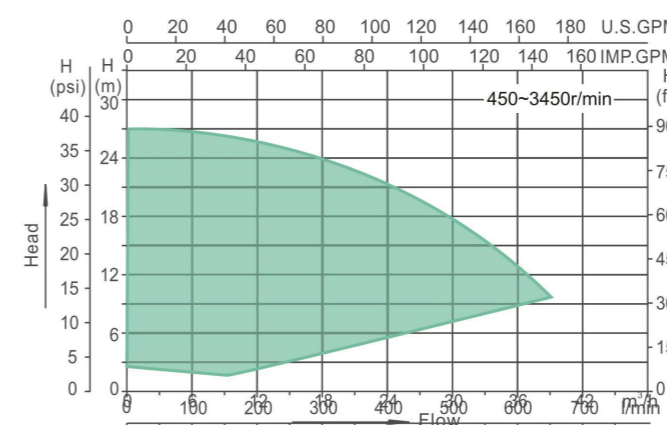
### Performance

- Adopt V/F mode controller to realize the speed control function; Optional touch keypanel or physical key panel, simple design, simple operation, installation direction can be rotated.
  - Automatic mode and manual mode are optional. The factory default is automatic mode.
  - Factory setting of electric pump speed in automatic mode: speed 1:3000rpm, speed 2:1400rpm, speed 3: 2200rpm, and the speed can be arbitrarily set between 450~3450rpm through the speed gear key.
  - In the manual mode, the user can select the segment speed number to run and modify its speed.
- The machine can be started and stopped by external keyboard or RS485 communication (only one can be selected).
- Efficient and energy-saving
  - Electronically-Protected.

### 技术参数表 Technical Specification

型号 Model	电压 (V)	频率 (Hz)	功率 (THP)	电流 (Amps)	WEF	最大扬程 Hmax (m)	最大流量 Qmax (L/min)	接头尺寸 Fitting size (mm)	毛重 G.W (Kg)	包装尺寸 Packing size (mm)
DSL-SB290A	230	50/60	3.9	13	7.3	27	650	60.3 or 63	23.6	670x330x415

### 性能曲线图 Performance Curves



### 工作条件

- 介质温度: 5-50°C
- 环境温度: <50°C
- 最大工作压力: 0.3MPa

### Working conditions

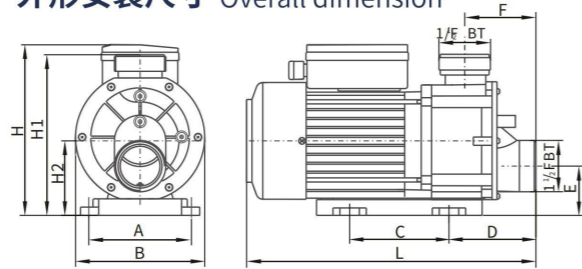
- Medium temperature: 5-50°C
- Environmental temperature: <50°C
- Max. working pressure: 0.3MPa

# 浴缸SPA用泵

## BATHTUB SPA PUMP



外形安装尺寸 Overall dimension



型号 Model	外形尺寸 Shape size(mm)									
	A	B	C	D	E	F	L	H	H1	H2
DSL-SP25A	100	153	88	100	53	89	317	195	188	83
DSL-SP37A	100	153	88	100	53	89	317	195	188	83
DSL-SP55A	124	156	120	106	60	86	347	205	195	90
DSL-SP75A	124	156	120	106	60	86	347	205	195	90
DSL-SP90A	124	156	120	106	60	86	347	205	195	90
DSL-SP110A	124	186	120	127	54	120	402	218	217	96
DSL-SP150A	124	186	120	127	54	120	402	218	217	96

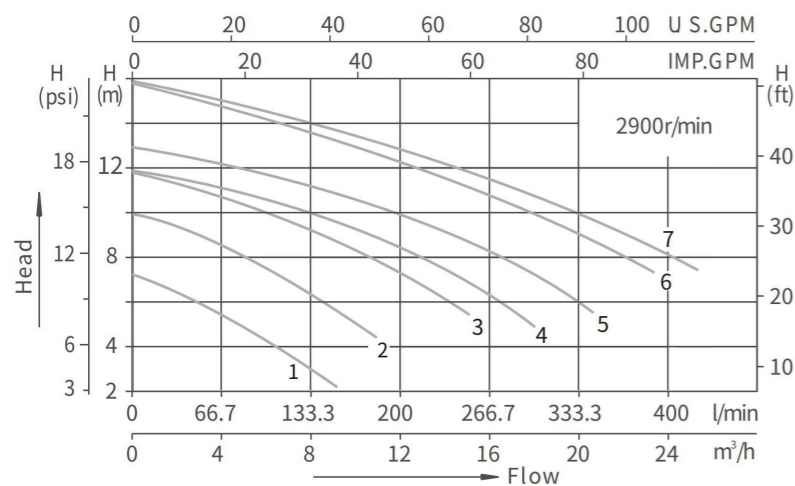
技术参数表 Technical Specification

型号 Model	最大流量 Qmax (L/min)	扬程 Head (m)	输入功率Power		电压/频率 Voltage/frequency (V/Hz)	电 流 Electric current (A)	接头尺寸 Fitting size (mm)	毛重 GW (Kg)	包装尺寸 Packing size (mm)	曲线 Curves
			(kW)	(HP)						
DSL-SP25A	150	7.5	0.25	0.35	220-240/50	1.6	48.5or50	5.8	350x180x250	1
DSL-SP37A	180	10	0.37	0.5	220-240/50	2.0	48.5or50	6.6	350x180x250	2
DSL-SP55A	250	12	0.55	0.75	220-240/50	3.2	48.5or50	7.8	380x180x250	3
DSL-SP75A	300	12	0.75	1.0	220-240/50	3.8	48.5or50	8.3	380x180x250	4
DSL-SP90A	335	13	0.9	1.2	220-240/50	4.6	48.5or50	9.0	380x180x250	5
DSL-SP110A	380	16	1.1	1.5	220-240/50	5.8	48.5or50	11.4	435x220x270	6
DSL-SP150A	450	16	1.5	2.0	220-240/50	7.0	48.5or50	12.7	435x220x270	7

\*此款有海水适用型, 请联系我司业务人员。

\*This model is available for seawater use. Please contact our business personnel.

性能曲线图 Performance Curves



工作条件

- 介质温度: 5-50°C
- 环境温度: <50°C
- 最大工作压力: 0.3MPa

Working conditions

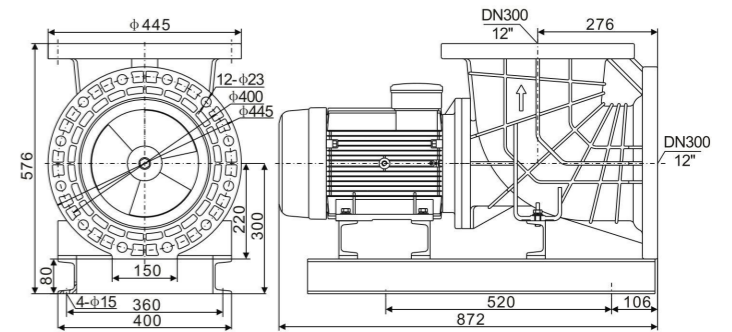
Medium temperature: 5-50°C  
Environmental temperature: <50°C  
Max. working pressure: 0.3MPa

# 大流量推流泵

## LARGE FLOW PUSH PUMP



外形安装尺寸 Overall dimension



性能特点

- 变频控制, 实时故障参数记录以便于故障分析;
- 彩色大屏控制面板, 操作简单;
- 12种水流速度可选;
- 进出口法兰为国标DN300;
- 可选立式款(不带底座);

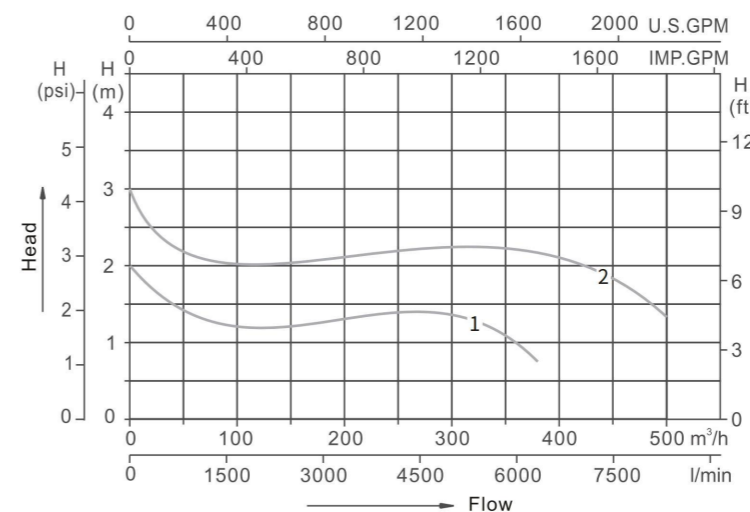
Performance

- Variable frequency control, real-time fault parameter record for fault analysis.
- Colorful large screen control panel, easy to operate.
- 12 water flow speeds available.
- Inlet and outlet flange are national standard DN300.
- Optional vertical style (without base).

技术参数表 Technical Specification

型号 Model	最大流量 Qmax (L/min)	扬程 Head (m)	输入功率Power		电 流 Electric current (A)		转速 Speed (r/min)	进出口法兰 Inlet/outlet	毛重 G.W (Kg)	包装尺寸 Packing size (mm)	曲线 Curves
			(kW)	(HP)	3x220V	3x380V					
DSL-NL300A	380	2	3.0	4.0	13	7.5	240-800	DN300(12")	105	940x530x720	1
DSL-NL550A	500	3	5.5	7.5	20	11.5	280-960	DN300(12")	130	940x530x720	2

性能曲线图 Performance Curves



工作条件

- 介质温度: 5-50°C
- 环境温度: <50°C
- 最大工作压力: 0.3MPa

Working conditions

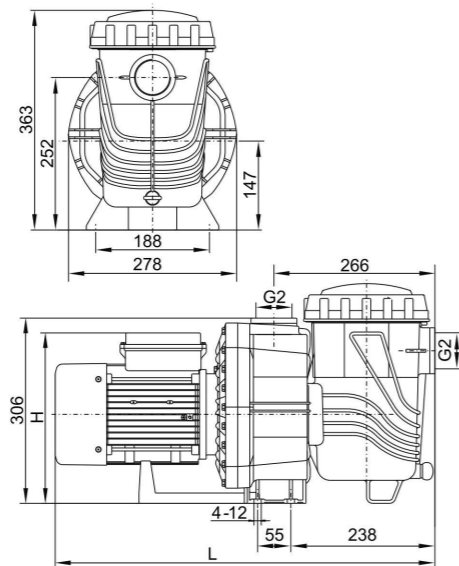
Medium temperature: 5-50°C  
Environmental temperature: <50°C  
Max. working pressure: 0.3MPa

# 温泉专用泵

## HOT SPRING PUMP



外形安装尺寸 Overall dimension

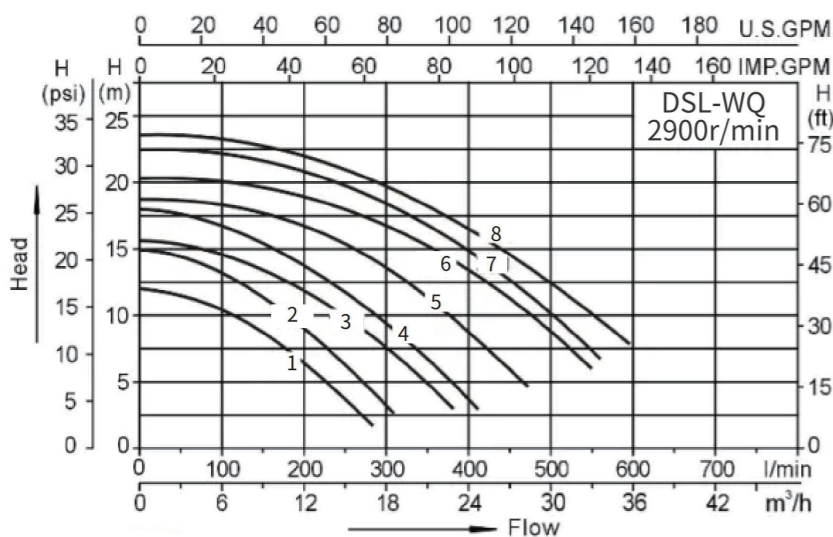


型号 Model	L	H
DSL-WQ55A	568	252
DSL-WQ75A		252
DSL-WQ90A	586.5	258
DSL-WQ110A		261
DSL-WQ150A	627.5	272.5
DSL-WQ185A		284.5
DSL-WQ220A	627.5	284.5
DSL-WQ300A		284.5

技术参数表 Technical Specification

型号 Model	最大流量 Q <sub>max</sub> (L/min)	扬程 Head (m)	输入功率Power		电压/频率 Voltage/frequency (V/Hz)	电流 Electric current (A)	接头尺寸 Fitting size (mm)	毛重 GW (Kg)	包装尺寸 Packing size (mm)	曲线 Curves
			(kW)	(HP)						
DSL-WQ55A	280	12	0.55	0.75	220-240/50	3.2	60.3or63	16.5	640x315x460	1
DSL-WQ75A	310	15	0.75	1.0	220-240/50	3.8	60.3or63	17.5	640x315x460	2
DSL-WQ90A	380	15.5	0.9	1.02	220-240/50	4.6	60.3or63	18	640x315x460	3
DSL-WQ110A	410	18	1.1	1.5	220-240/50	5.2	60.3or63	19	660x315x460	4
DSL-WQ150A	470	19	1.5	2.0	220-240/50	7.0	60.3or63	21	660x315x460	5
DSL-WQ185A	550	20.5	1.85	2.5	220-240/50	8.6	60.3or63	23	660x315x460	6
DSL-WQ220A	570	22.5	2.2	3.0	220-240/50	10	60.3or63	23.5	660x315x460	7
DSL-WQ300A	600	23.5	3.0	4.0	220-240/50	14	60.3or63	27.5	700x315x460	8

性能曲线图 Performance Curves



工作条件

- 介质温度:0~+75°C
- 环境温度:≤+50°C
- 最大工作压力:1.0MPa

Working conditions

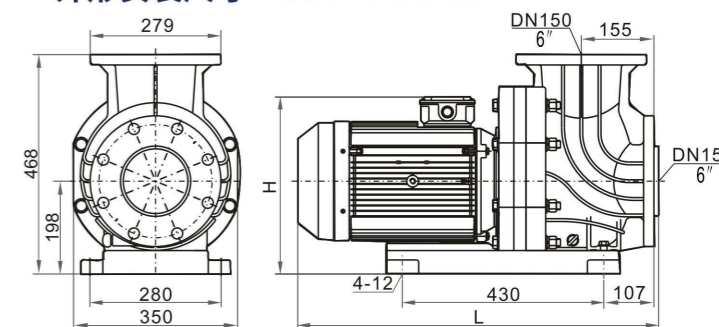
Medium temperature:0~+75°C  
Environmental temperature≤+50°C  
Max.working pressure:1.0MPa

# 养殖专用泵

## Aquaculture pump



外形安装尺寸 Overall dimension



型号 Model	L	H
DSL-YZ300A	715	359
DSL-YZ400A		
DSL-YZ550A		
DSL-YZ750A	770	378
DSL-YZ1100A		
DSL-YZ1500A	811	378
DSL-YZ1850A		

适用范围

- 可在75°C介质条件下长期安全运行,适用于天然温泉水循环;
- 适用于大型水上世界、海洋馆、大、中型游泳池等水循环过滤系统。

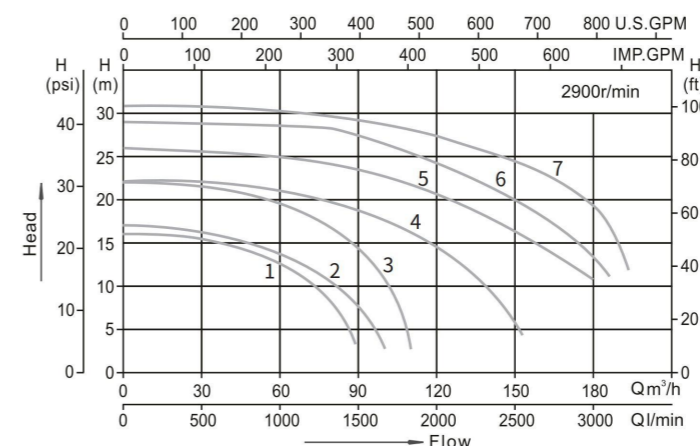
Application

- Long safety operation under 75°C medium, applicable to natural Hot Spring water circulation.
- Compatible large water world, aquarium and large swimming pool.

技术参数表 Technical Specification

型号 Model	最大流量 Q <sub>max</sub> (L/min)	扬程 Head (m)	输入功率Power		电压/频率 Voltage/frequency (V/Hz)	电流 (Amps)	进/出水口法兰 Inlet/outlet	毛重 G.W (Kg)	包装尺寸 Packing size (mm)	曲线 Curves
			(kW)	(HP)						
DSL-YZ300A	1480	16	3.0	4	380/50	5.9	DN150(6")	59	760x425x610	1
DSL-YZ400A	1680	17	4.0	5	380/50	6.8	DN150(6")	60	760x425x610	2
DSL-YZ550A	1830	22	5.5	7.5	380/50	10.3	DN150(6")	65	760x425x610	3
DSL-YZ750A	2560	22	7.5	10	380/50	12.7	DN150(6")	66	760x425x610	4
DSL-YZ1100A	3000	26	11	15	380/50	20.1	DN150(6")	94	850x425x610	5
DSL-YZ1500A	3100	29	15	20	380/50	26.7	DN150(6")	102	850x425x610	6
DSL-YZ1850A	3300	31	18.5	25	380/50	30.3	DN150(6")	105	850x425x610	7

性能曲线图 Performance Curves



工作条件 Working conditions

- 介质温度:0~+75°C
- 环境温度:≤50°C
- 最大工作压力:0.7MPa

Working conditions

Medium temperature:0~+75°C  
Environmental temperature:≤50°C  
Max.working pressure:0.7MPa

# 潜水泵

## ELECTRIC SUBMERSIBLE PUMP



### 型号说明

DSL-QWD 80 40-20 - 5.5

电机功率P2:5.5KW  
Power:5.5KW  
额定扬程:20m  
Rated head:20m  
额定流量:40m<sup>3</sup>/h  
Rated flow:40m<sup>3</sup>/h  
口径:80mm  
Diameter: 80mm  
QWD:带刀切割潜水电泵  
QWD:Cutting submersible pump with knife  
QW:潜水电泵  
QW: Electric submersible pump  
品牌:戴思乐  
Brand: DSL



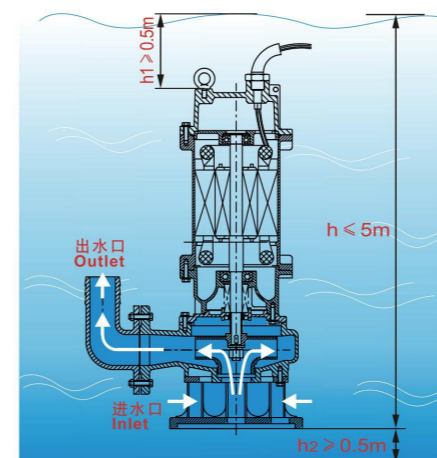
### 技术参数表(不带切割) Technical Specification(Without cutting)

型号 Model	输出功率 Power(P2) (Kw)	电压/频率 Voltage/frequency (V/Hz)	额定流量 Rated flow (m <sup>3</sup> /h)	额定扬程 Rated head (m)	转速 Speed (r/min)	尺寸Dimension (mm)								出水口径 outlet (寸/DN) -PN6
						B	H	H1	D	D1	D2	D3	n-d	
DSL-QW(D)50-10-11-0.75(T)	0.75	220or380/50	10	11	2860	137	560	110	140	110	90	50	4-φ14	2/50
DSL-QW(D)50-10-15-1.1(T)	1.1	220or380/50	10	15	2860	137	560	114	140	110	90	50	4-φ14	
DSL-QW(D)50-15-15-1.5(T)	1.5	220or380/50	15	15	2860	139	600	114	140	110	90	50	4-φ14	
DSL-QW50-15-22-2.2T	2.2	380/50	15	22	2860	151	600	120	140	110	90	50	4-φ14	
DSL-QW50-15-30-3T	3	380/50	15	30	2860	153	650	125	140	110	90	50	4-φ14	
DSL-QW50-15-35-4T	4	380/50	15	35	2860	169	700	135	140	110	90	50	4-φ14	
DSL-QW50-20-40-5.5T	5.5	380/50	20	40	2860	179	750	135	140	110	90	50	4-φ14	
DSL-QW(D)65-25-10-1.5(T)	1.5	220or380/50	25	10	2860	143	600	114	160	130	110	64	4-φ14	2.5/65
DSL-QW65-25-15-2.2T	2.2	380/50	25	15	2860	160	600	120	160	130	110	64	4-φ14	
DSL-QW65-25-25-3T	3	380/50	25	25	2860	150	650	125	160	130	110	64	4-φ14	
DSL-QW65-25-30-4T	4	380/50	25	30	2860	168	700	135	160	130	110	64	4-φ14	
DSL-QW65-25-35-5.5T	5.5	380/50	25	35	2860	168	750	135	160	130	110	64	4-φ14	
DSL-QW80-40-10-2.2T	2.2	380/50	40	10	2860	167	600	120	190	150	126	76	4-φ18	3/80
DSL-QW80-40-13-3T	3	380/50	40	13	2860	150	650	125	190	150	126	76	4-φ18	
DSL-QW80-40-16-4T	4	380/50	40	16	2860	170	700	135	190	150	126	76	4-φ18	
DSL-QW80-30-30-5.5T	5.5	380/50	30	30	2860	170	750	135	190	150	126	76	4-φ18	
DSL-QW80-40-30-7.5T	7.5	380/50	40	30	2860	200	750	170	190	150	126	76	4-φ18	
DSL-QW100-60-9-3T	3	380/50	60	9	2860	178	650	125	210	170	148	100	4-φ18	4/100
DSL-QW100-60-14-4T	4	380/50	60	14	2860	178	700	150	210	170	148	100	4-φ18	
DSL-QW100-65-18-5.5T	5.5	380/50	65	18	2860	178	750	150	210	170	148	100	4-φ18	
DSL-QW100-85-15-7.5T	7.5	380/50	85	15	2860	200	750	170	210	170	148	100	4-φ18	6/150
DSL-QW150-100-9-5.5T	5.5	380/50	100	9	2860	200	750	170	265	225	206	150	8-φ18	
DSL-QW150-100-12-7.5T	7.5	380/50	100	12	2860	200	750	170	265	225	206	150	8-φ18	

### 技术参数表(带切割) Technical Specification(Tape cutting)

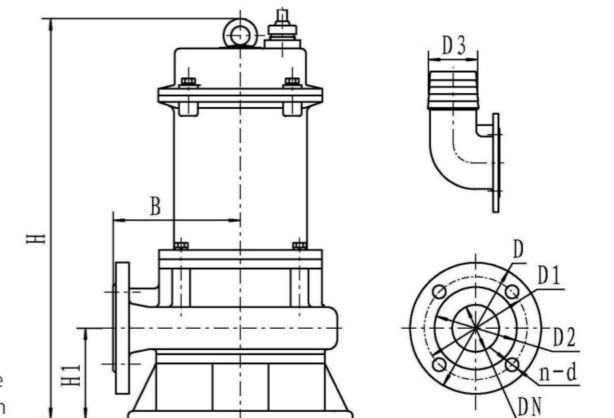
型号 Model	输出功率 Power(P2) (Kw)	电压/频率 Voltage/frequency (V/Hz)	额定流量 Rated flow (m <sup>3</sup> /h)	额定扬程 Rated head (m)	转速 Speed (r/min)	尺寸Dimension (mm)								出水口径 outlet (寸/DN) -PN6
						B	H	H1	D	D1	D2	D3	n-d	
DSL-QWD50-7-15-1.1(T)	1.1	220or380/50	7	15	2860	132	510	98	140	110	92	50	4-φ14	2/50
DSL-QWD50-15-15-1.5(T)	1.5	220or380/50	15	15	2860	168	560	121	140	110	92	50	4-φ14	
DSL-QWD50-15-20-2.2T	2.2	220or380/50	15	20	2860	170	570	121	140	110	92	50	4-φ14	
DSL-QWD50-15-26-3T	3	380/50	15	26	2860	170	590	121	140	110	92	50	4-φ14	
DSL-QWD50-15-30-4T	4	380/50	15	30	2860	178	610	129	140	110	92	50	4-φ14	
DSL-QWD65-18-15-1.5T	1.5	220or380/50	18	15	2860	170	560	121	160	130	110	64	4-φ14	2.5/65
DSL-QWD65-25-18-2.2T	2.2	220or380/50	25	18	2860	170	570	121	160	130	110	64	4-φ14	
DSL-QWD65-25-20-3T	3	380/50	25	20	2860	170	590	121	160	130	110	64	4-φ14	
DSL-QWD65-20-25-4T	4	380/50	20	25	2860	178	610	129	160	130	110	64	4-φ14	
DSL-QWD80-40-10-2.2(T)	2.2	220or380/50	40	10	2860	170	570	121	160	150	130	64	4-φ18	
DSL-QWD80-40-15-3T	3	380/50	40	15	2860	170	590	121	190	150	130	76	4-φ18	
DSL-QWD80-30-22-4T	4	380/50	30	22	2860	178	610	129	190	150	130	76	4-φ18	
DSL-QWD80-65-15-5.5T	5.5	380/50	65	15	2860	190	710	152	190	150	130	76	4-φ18	
DSL-QWD80-40-20-5.5T	5.5	380/50	40	20	2860	190	710	152	190	150	130	76	4-φ18	
DSL-QWD80-65-18-7.5T	7.5	380/50	65	18	2860	192	750	156	190	150	130	76	4-φ18	
DSL-QWD100-50-15-4T	4	380/50	50	15	2860	178	610	129	210	170	148	100	4-φ18	4/100
DSL-QWD100-80-13-5.5T	5.5	380/50	80	13	2860	190	710	152	210	170	148	100	4-φ18	
DSL-QWD100-90-12-7.5T	7.5	380/50	90	12	2860	190	750	156	210	170	148	100	4-φ18	

### 安装示意图 Installation diagram



h: 最大潜水深度  
h1: 电泵离水面最小距离  
h2: 电泵离水底最小距离

h: Maximum diving depth  
h1: Electric pump from the water surface and minimum distance  
h2: Electric pump from the bottom of the minimum distance

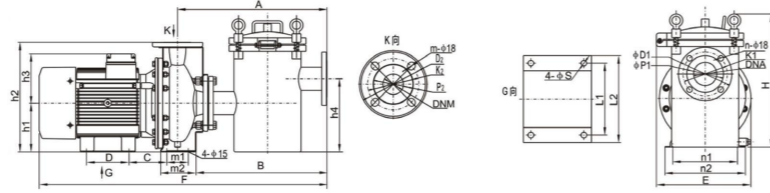


# 不锈钢水泵

## POOL PUMP



外形安装尺寸 Overall dimension



型号说明 Example

DSL-SUS 100-80-200/30 T-4

配4级电机 (二级电机无数字)  
With 4-stage motor (no number for two-stage motor)  
T表示三相/单相无符号  
T indicates three-phase/single-phase unsigned  
配套电机输出功率P2:30kw  
Supporting motor output power P2:30kw  
叶轮名义直径 (mm)  
Nominal diameter of impeller (mm)  
出口直径:DN80  
Outlet diameter: DN80  
进口直径:DN100  
Inlet diameter: DN100  
SUS系列不锈钢离心泵  
SUS series stainless steel centrifugal pump  
品牌:戴思尔  
Brand: DSL

型号 Model	外形尺寸 Shape size(mm)																											
	E	F	H	h1	h2	h3	h4	A	m1	m2	n1	n2	B	C	D	φS	L1	L2	φD1	φK1	φP1	φD2	φK2	φP2	m	n	DNA	DNM
DSL-SUS65-40-125/2.2(T)-S	310	815	437	11	255	119	240	470	70	115	160	190	435	110	100	12	160	190	175	145	120	150	110	80	4	4	65	40
DSL-SUS65-40-125/3.0T-S	310	850	437	132	292	119	40	470	70	118	190	240	435	115	100	12	160	190	175	145	120	150	110	80	4	4	65	40
DSL-SUS65-50-125/4.0T-S	310	888	437	132	292	142	240	470	70	118	190	240	435	115	140	15	190	225	175	145	120	165	125	96	4	4	65	50
DSL-SUS65-50-160/5.5T-S	310	944	437	160	360	162	240	490	70	118	212	264	455	124	140	15	190	230	175	145	120	165	125	96	4	4	65	50
DSL-SUS80-65-125/7.5T-S	310	988	437	160	340	162	240	520	95	152	212	250	473	113	140	15	190	230	192	160	130	165	145	115	4	8	80	65
DSL-SUS80-65-125/9.2T-S	310	1056	437	160	340	179	240	520	95	152	212	250	473	175	140	15	216	255	192	160	130	185	145	115	4	8	80	65
DSL-SUS100-80-160/11T-S	363	1142	487	180	405	179	280	598	95	176	250	290	551	183	140	15	216	255	210	180	154	200	160	132	8	8	100	80
DSL-SUS100-80-160/15T-S	363	1184	487	180	405	179	280	598	95	176	250	290	551	183	140	15	216	255	210	180	154	200	160	132	8	8	100	80

技术参数表 Technical Specification

型号 Model	输入功率 Power(P2) KW	最大流量 Qmax (m <sup>3</sup> /h)	最大扬程 Hmax (m)	电流Amps		毛重 G.W (Kg)	包装尺寸 Packing size (mm)	曲线 Curves
				220V/50Hz	380V/50Hz			
DSL-SUS65-40-125/2.2(T)-S	2.2	35	28	14	4.9	63.5	855x370x580	1
DSL-SUS65-40-125/3.0T-S	3.0	40	32	\	6.3	62.5	890x370x580	2
DSL-SUS65-50-125/4.0T-S	4.0	55	28	\	5.5	72	930x370x580	3
DSL-SUS65-50-160/5.5T-S	5.5	60	35	\	11.1	87.5	990x380x590	4
DSL-SUS80-65-125/7.5T-S	7.5	120	32	\	14.9	96	1035x380x590	5
DSL-SUS80-65-125/9.2T-S	9.2	125	34	\	18.3	106.5	1100x380x590	6
DSL-SUS100-80-160/11T-S	11	180	30	\	21.2	128	1185x440x640	7
DSL-SUS100-80-160/15T-S	15	180	36	\	28.6	141	1230x440x640	8

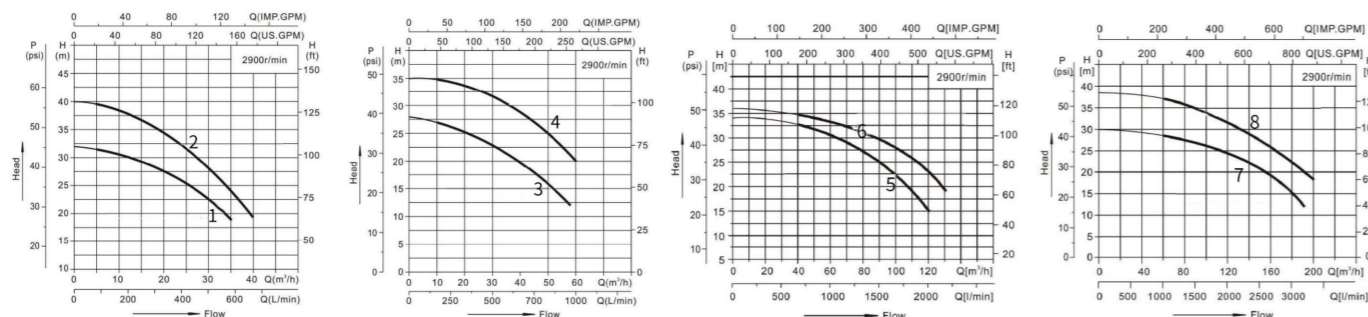
### 工作条件

- 介质温度: -20°C~+104°C
- 环境温度: ≤+50°C
- 最大工作压力: 1.0MPa

### Working conditions

Medium temperature: -20°C~+104°C  
Environmental temperature: ≤+50°C  
Max. working pressure: 1.0MPa

### 性能曲线图 Performance Curves



### 工作条件

- 清洁、非易燃易爆而且不含有固体颗粒和纤维的液体
- 介质温度: 常温型: -20°C~+70°C  
高温型: -20°C~+104°C
- 环境温度最高+50°C
- 安装最高海拔1000米;
- 最大工作压力为10 bar;
- 防护等级: IP55;
- 绝缘等级: F.

### Working conditions

- Clean, non flammable and explosive liquid without solid particles and fibers;
- Medium temperature:  
standard model: - 20 ~ + 70 ;  
high temperature: - 20 ~ + 104 ;
- Maximum ambient temperature + 50 ;
- The maximum installation altitude is 1000m;
- The maximum working pressure is 10 bar;
- Insulation class: F.

技术参数表 Technical Specification

型号 Model	输出功率 Power(P2) (kW)	额定扬程 Rated head (m)	额定流量 Rated flow (m <sup>3</sup> /h)	电流Amps		重量 Weight (kg)	包装方式 Packing way	包装尺寸 Packing size (mm)
				220V/50Hz	380V/50Hz			
DSL-SUS50-32-160/1.1(T)	1.1	16.5	12.5	7.0	2.6	21.5	木箱 Plywood box	470x280x390
DSL-SUS50-32-160/1.5(T)	1.5	20	12.5	9.2	3.5	22.5		470x280x390
DSL-SUS50-32-160/2.2(T)	2.2	26	12.5	14	4.9	31		470x280x390
DSL-SUS50-32-200/3.0T	3.0	34	12.5	-	6.3	38		540x370x475
DSL-SUS50-32-200/4.0T	4.0	45	12.5	-	9.6	54		540x370x475
DSL-SUS50-32-200/5.5T	5.5	54	12.5	-	11.1	62.3		630x370x495
DSL-SUS50-32-200/7.5T	7.5	62.5	12.5	-	14.9	73.8		630x370x495
DSL-SUS65-50-125/1.5(T)	1.5	13	25	9.2	3.5	21.5		470x280x390
DSL-SUS65-50-125/2.2(T)	2.2	20	25	14	4.9	29.5		470x280x390
DSL-SUS65-50-125/3.0T	3.0	25	25	-	6.3	37.5		540x330x425
DSL-SUS65-50-160/4.0T	4.0	31	25	-	9.6	50		540x330x425
DSL-SUS65-40-200/5.5T	5.5	42.5	25	-	11.1	62.5		630x370x495
DSL-SUS65-40-200/7.5T	7.5	48	25	-	14.9	74		630x370x495
DSL-SUS65-40-200/11T	11	70	25	-	21.2	93		705x430x560
DSL-SUS80-65-125/3.0T	3.0	15	50	-	6.3	38.5		540x330x425
DSL-SUS80-65-125/4.0T	4.0	20	50	-	9.6	50.5		540x330x425

## 技术参数表 Technical Specification

型号 Model	输出功率 Power(P2) (kW)	额定扬程 Rated head (m)	额定流量 Rated flow (m³/h)	电流Amps		重量 Weight (kg)	包装方式 Packing way	包装尺寸 Packing size (mm)
				220V/50Hz	380V/50Hz			
DSL-SUS80-65-160/5.5T	5.5	25.5	50	-	11.1	63.5	木箱 Plywood box	630x370x495
DSL-SUS80-65-200/7.5T	7.5	33	50	-	14.9	74		630x370x495
DSL-SUS80-50-200/9.2T	9.2	39	50	-	18.3	83		705x430x560
DSL-SUS80-50-200/11T	11	48	50	-	21.2	94		705x430x560
DSL-SUS80-50-200/15T	15	59	50	-	28.6	108		705x430x560
DSL-SUS80-50-200/18.5T	18.5	64	50	-	34.7	159		765x440x580
DSL-SUS100-80-125/4.0T	4.0	11.5	80	-	9.6	50.5		610x330x475
DSL-SUS100-80-125/5.5T	5.5	14	100	-	11.1	63.5		610x330x475
DSL-SUS100-80-125/7.5T	7.5	20.5	100	-	14.9	70.5		610x330x475
DSL-SUS100-80-160/9.2T	9.2	24.5	100	-	18.3	81.5		695x380x500
DSL-SUS100-80-160/11T	11	30	100	-	21.2	94		695x380x500
DSL-SUS100-65-200/15T	15	38	100	-	28.6	108		695x380x500
DSL-SUS100-65-200/18.5T	18.5	47	100	-	34.7	159		765x440x580
DSL-SUS100-65-200/22T	22	50	100	-	41.0	193		855x440x600
DSL-SUS100-65-200/30T	30	62	100	-	55.4	224		925x480x650
DSL-SUS125-80-160/11T	11	17	140	-	21.2	93.5		755x370x550
DSL-SUS125-80-160/15T	15	23.5	140	-	28.6	107		755x370x550
DSL-SUS125-80-160/18.5T	18.5	27.5	160	-	34.7	159		855x440x600
DSL-SUS125-80-200/22T	22	37	160	-	41.0	194		855x440x600
DSL-SUS125-80-200/30T	30	47	160	-	55.4	233		925x480x650
DSL-SUS125-80-200/37T	37	58.5	160	-	67.9	257		925x480x650
DSL-SUS125-100-160/18.5T	18.5	25	180	-	34.7	180		855x440x600
DSL-SUS125-100-160/22T	22	30	180	-	41.0	203		855x440x600
DSL-SUS125-100-160/30T	30	35	200	-	55.4	260		925x480x650
DSL-SUS125-100-200/37T	37	50	200	-	67.9	285		925x480x650
DSL-SUS125-100-200/45T	45	57	200	-	80.8	385		995x540x730
DSL-SUS125-100-200/55T	55	65	200	-	98.5	440		1085x580x760
DSL-SUS150-125-200/45T	45	35.5	320	-	80.8	385		995x540x730
DSL-SUS150-125-200/55T	55	42	320	-	98.5	440		1085x580x760
DSL-SUS150-125-200/75T	75	49	320	-	133.7	580		1165x640x820
DSL-SUS150-125-200/90T	90	54	320	-	159.9	628	1165x640x820	

# 管道泵 In-line pump



### 型号说明 Example

DSL-LIP 50 160 (I) A- 3/2

电机功率/电机级数 P2:3KW/2级电机  
Motor power/Motor Series P2:3KW/ 2-level motor  
A第一次切割叶轮, B第二次切割叶轮  
A First cutting of impeller, and B Second cutting of impeller  
加大流量型  
Big flow  
叶轮名义直径  
Nominal diameter of impeller  
泵进出口径: 50mm  
Pump inlet and outlet diameter: 50mm  
LIP: 立式管道离心泵  
LIP: Vertical pump  
WIP: 卧式管道离心泵  
WIP: Horizontal pump  
品牌: 戴思乐  
Brand: DSL

### 性能特点

- 高品质的NSK轴承;
- 采用石墨/碳化硅/氟胶/SUS304机械密封;
- 法兰连接, 拆装便捷, 尺寸可供1寸~20寸;
- 电泵效率高, 温升低;
- 大流量、高扬程;
- 额定流量可达1200m³/h, 额定扬程可达150米;
- 可供2极、4极、6极电机, 最大输出功率可达200kW。

### Performance

- High quality NSK bearing;
- Carbon/SiC/Viton/SUS304 mechanical seal;
- Flange connection, convenient disassembly and assembly, available from 1 inch to 20 inch;
- Electric pump has high efficiency and low;
- Large flow and high head;
- Rated flow can reach 1200m³/h, rated head can reach 150m;
- Available for 2-pole, 4-pole and 6-pole motor, maximum output power can reach 200kW.

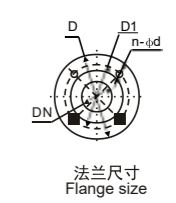
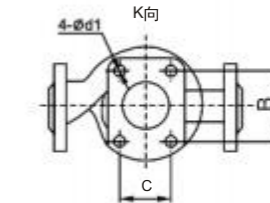
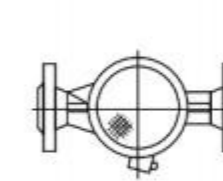
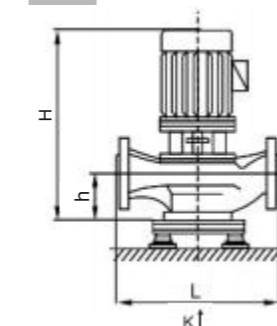
### 工作条件

• 液体温度: -20°C ~ +100°C  
• 环境温度: < 40°C  
• 最大工作压力: 1.6MPa

### Working conditions

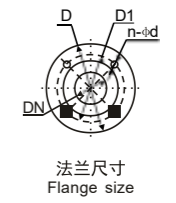
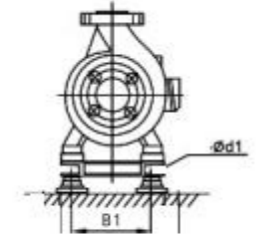
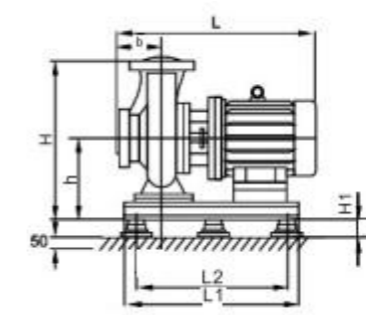
Medium temperature: -20°C ~ +100°C  
Environmental temperature: < 40°C  
Max. working pressure: 1.6MPa

LIP



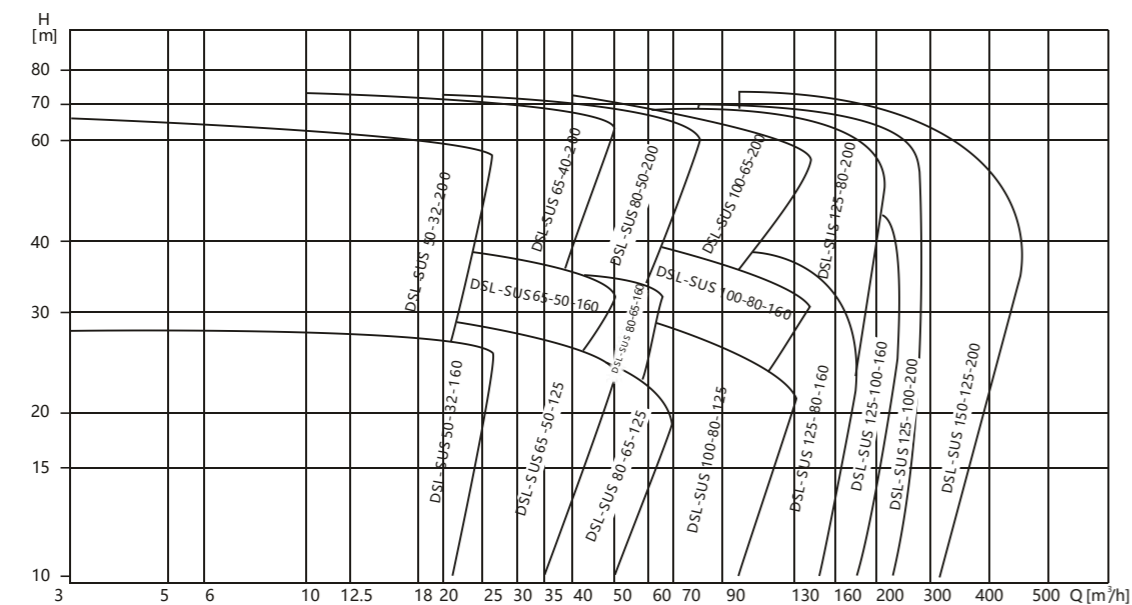
法兰尺寸  
Flange size

WIP



法兰尺寸  
Flange size

## 性能曲线图 Performance Curves





## 过滤器 Sand Filter

过滤器适用于所有类型的游泳池、水上乐园、水族馆等，可以保持水质的清洁和干净。我们的过滤器使用强化的聚酯和玻璃纤维缠绕而成，并具有良好的耐化学腐蚀性能以及防紫外线性能。以更大的过滤容量滤出更优质的水。被过滤的水的混浊和污染指数会因过滤器床的高度而相应增加，即在过滤过程中中断的时间减少，用水量会降低，这是由于反冲洗所需的次数减少了，从而减少对过滤材料的腐蚀。

Sand filters can be used for all types of swimming pool, water park and aquarium. Keep the water clean and clear. Our sand filters are made of polyester reinforced with fiberglass. Which is completely anti-corrosive and UV resistance. Higher quality water is achieved with their greater filtering capacity.

The turbidity and pollution index of the filtered water will increase accordingly due to the height of the filtration bed meaning there are fewer interruptions in filtration leading to lower water cons

# 卧式过滤器

## HORIZONTAL FILTER



### 最大工作压力

Maximum Working Pressure  
250 kpa / 36 psi (2.5 bar)  
400 kpa / 58 psi (4.0 bar)

### 最大测试压力

Factory Testing Pressure  
400 kpa / 58 psi (4.0 bar)  
600 kpa / 86 psi (6.0 bar)

### 最高承受温度

Maximum Temperature  
50°C (122°F)

### 建议滤料规格

Size of Gravel  
1 m m ~ 2 m m (gravel)  
0.5 m m ~ 0.8 m m (sand)

### 产品特点

#### Product Features

- 采用多层防腐和防化学材料制成，外层由数控多轴玻璃纤维缠绕而成，内部管道系统结构均匀合理，外表面经耐紫外线涂料处理。
- 结实的玻璃纤维底座能强力承托缸体。
- 所有产品出厂前经过严格的压力测试。
- 独特的设计酿造优质的性能。
- 具备优越的性价比。
- It is made of multiple layers of anti-corrosion materials. The outer layer is made of CNC multi-axis fiberglass. The internal piping system is uniform and reasonable structure.
- Strong fiberglass base can support the big filter body.
- 100% pressure testing before packing.
- Exclusive features for superior performance.
- Offering attractive and reasonable performance.

### 直径 Diameter: 3000 mm

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	流速 Flow rate (m <sup>3</sup> /h/m <sup>2</sup> )	出水口径 Inlet&outlet		设计流量 Design Flow (m <sup>3</sup> /h)	过滤面积 Filter Area (m <sup>2</sup> )	所需细砂重 Sand Weight 0.5-0.8mm (kg)	所需粗砂重 Gravel Weight 1-2mm(kg)
				de(mm)	inch				
DSL-W305000	3000	3230	20	200	8"	265	13.24	26300	6875
			30	250	10"	397			
			40	315	12"	530			
DSL-W306000	3000	3230	20	250	10"	322	16.08	31920	8450
			30	315	12"	482			
			40	315	12"	643			
DSL-W307000	3000	3230	20	250	10"	378	18.92	37545	10025
			30	315	12"	568			
			40	315	12"	756			
DSL-W308000	3000	3230	20	315	12"	435	21.76	43170	11600
			30	315	12"	653			
			40	355	14"	870			

### 直径 Diameter: 2500mm

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	流速 Flow rate (m <sup>3</sup> /h/m <sup>2</sup> )	出水口径 Inlet&outlet		设计流量 Design Flow (m <sup>3</sup> /h)	过滤面积 Filter Area (m <sup>2</sup> )	所需细砂重 Sand Weight 0.5-0.8mm (kg)	所需粗砂重 Gravel Weight 1-2mm(kg)
				de(mm)	inch				
DSL-W254000	2500	2710	20	200	8"	172	8.62	13500	3725
			30	200	8"	258			
			40	250	10"	345			
DSL-W254500	2500	2710	20	200	8"	196	9.80	15350	4300
			30	250	10"	294			
			40	250	10"	392			
DSL-W255000	2500	2710	20	200	8"	220	10.98	17200	4850
			30	250	10"	329			
			40	315	12"	439			
DSL-W256000	2500	2710	20	200	8"	267	13.34	20900	5975
			30	250	10"	400			
			40	315	12"	533			
DSL-W257000	2500	2710	20	250	10"	314	15.70	24600	7100
			30	315	12"	471			
			40	315	12"	628			

### 直径 Diameter: 2350mm

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	流速 Flow rate (m <sup>3</sup> /h/m <sup>2</sup> )	出水口径 Inlet&outlet		设计流量 Design Flow (m <sup>3</sup> /h)	过滤面积 Filter Area (m <sup>2</sup> )	所需细砂重 Sand Weight 0.5-0.8mm (kg)	所需粗砂重 Gravel Weight 1-2mm(kg)
				de(mm)	inch				
DSL-W234000	2350	2560	20	200	8"	163	8.17	12800	3650
			30	200	8"	245			
			40	250	10"	327			
DSL-W234500	2350	2560	20	200	8"	186	9.28	14525	4200
			30	250	10"	279			
			40	250	10"	371			
DSL-W235000	2350	2560	20	200	8"	208	10.40	16250	4750
			30	250	10"	312			
			40	250	10"	416			
DSL-W236000	2350	2560	20	200	8"	253	12.63	19700	5850
			30	250	10"	379			
			40	315	12"	505			
DSL-W237000	2350	2560	20	250	10"	297	14.86	23150	6950
			30	315	12"	446			
			40	315	12"	594			

### 直径Diameter:2000mm

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	流速 Flow rate (m <sup>3</sup> /h/m <sup>2</sup> )	入水口径 Inlet&outlet		设计流量 Design Flow (m <sup>3</sup> /h)	过滤面积 Filter Area (m <sup>2</sup> )	所需细砂重 Sand Weight 0.5-0.8mm (kg)	所需粗砂重 Gravel Weight 1-2mm(kg)
				de(mm)	inch				
DSL-W202500	2000	2220	20	160	6"	87	4.34	6000	1050
			30	160	6"	130			
			40	200	8"	174			
DSL-W203000	2000	2220	20	160	6"	106	5.30	7450	1300
			30	160	6"	159			
			40	200	8"	212			
DSL-W203500	2000	2220	20	160	6"	125	6.25	8900	1550
			30	200	8"	187			
			40	200	8"	250			
DSL-W204000	2000	2220	20	160	6"	144	7.21	10350	1800
			30	200	8"	216			
			40	250	10"	288			
DSL-W204500	2000	2220	20	200	8"	163	8.16	11800	2080
			30	200	8"	245			
			40	250	10"	326			

### 直径Diameter:1800mm

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	流速 Flow rate (m <sup>3</sup> /h/m <sup>2</sup> )	入水口径 Inlet&outlet		设计流量 Design Flow (m <sup>3</sup> /h)	过滤面积 Filter Area (m <sup>2</sup> )	所需细砂重 Sand Weight 0.5-0.8mm (kg)	所需粗砂重 Gravel Weight 1-2mm(kg)
				de(mm)	inch				
DSL-W182500	1800	2050	20	160	6"	75	3.74	4850	980
			30	160	6"	112			
			40	160	6"	150			
DSL-W183000	1800	2050	20	160	6"	92	4.58	5930	1230
			30	160	6"	137			
			40	200	8"	183			
DSL-W183500	1800	2050	20	160	6"	108	5.41	7000	1480
			30	200	8"	162			
			40	200	8"	216			
DSL-W184000	1800	2050	20	160	6"	125	6.25	8080	1700
			30	200	8"	187			
			40	250	10"	250			

### 直径Diameter:1600mm

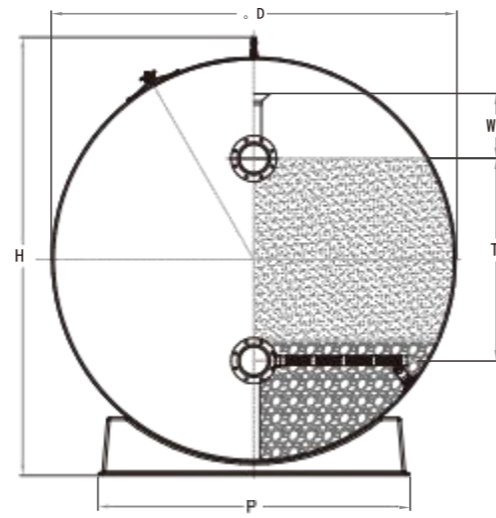
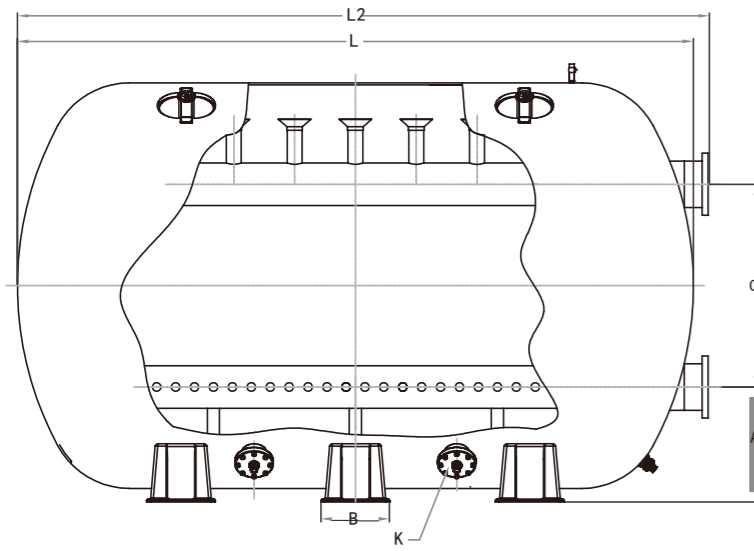
型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	流速 Flow rate (m <sup>3</sup> /h/m <sup>2</sup> )	入水口径 Inlet&outlet		设计流量 Design Flow (m <sup>3</sup> /h)	过滤面积 Filter Area (m <sup>2</sup> )	所需细砂重 Sand Weight 0.5-0.8mm (kg)	所需粗砂重 Gravel Weight 1-2mm(kg)
				de(mm)	inch				
DSL-W161900	1600	1830	20	110	4"	49	2.47	2800	600
			30	160	6"	74			
			40	160	6"	99			
DSL-W162500	1600	1830	20	110	4"	67	3.36	3800	850
			30	160	6"	101			
			40	160	6"	134			
DSL-W163000	1600	1830	20	160	6"	82	4.10	4700	1050
			30	160	6"	123			
			40	200	8"	164			

### 直径Diameter:1400mm

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	流速 Flow rate (m <sup>3</sup> /h/m <sup>2</sup> )	入水口径 Inlet&outlet		设计流量 Design Flow (m <sup>3</sup> /h)	过滤面积 Filter Area (m <sup>2</sup> )	所需细砂重 Sand Weight 0.5-0.8mm (kg)	所需粗砂重 Gravel Weight 1-2mm(kg)
				de(mm)	inch				
DSL-W141900	1400	1600	20	110	4"	45	2.23	2000	580
			30	110	6"	67			
			40	160	4"	89			
DSL-W142500	1400	1600	20	110	6"	60	3.02	2750	800
			30	160	6"	91			
			40	160	6"	121			
DSL-W143000	1400	1600	20	160	6"	73	3.67	3375	1000
			30	160	6"	110			
			40	160	6"	147			

### 直径Diameter:1200mm

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	流速 Flow rate (m <sup>3</sup> /h/m <sup>2</sup> )	入水口径 Inlet&outlet		设计流量 Design Flow (m <sup>3</sup> /h)	过滤面积 Filter Area (m <sup>2</sup> )	所需细砂重 Sand Weight 0.5-0.8mm (kg)	所需粗砂重 Gravel Weight 1-2mm(kg)
				de(mm)	inch				
DSL-W121900	1200	1390	20	90	3"	39	1.96	1100	430
			30	110	4"	59			
			40	160	6"	79			
DSL-W122300	1200	1390	20	110	4"	48	2.42	1430	550
			30	160	6"	73			
			40	160	6"	97			
DSL-W122500	1200	1390	20	110	4"	53	2.65	1750	700
			30	160	6"	79			
			40	160	6"	106			
DSL-W122700	1200	1390	20	110	4"	57	2.874	2080	830
			30	160	6"	86			
			40	160	6"	115			
DSL-W123000	1200	1390	20	110	4"	64	3.21	2330	925
			30	160	6"	96			
			40	160	6"	129			



直径Diameter:3000mm

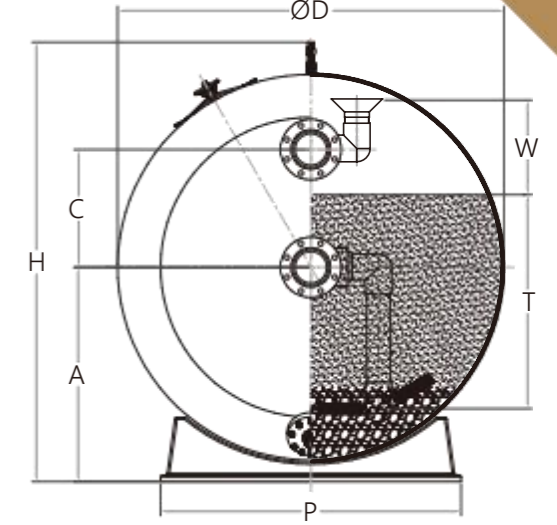
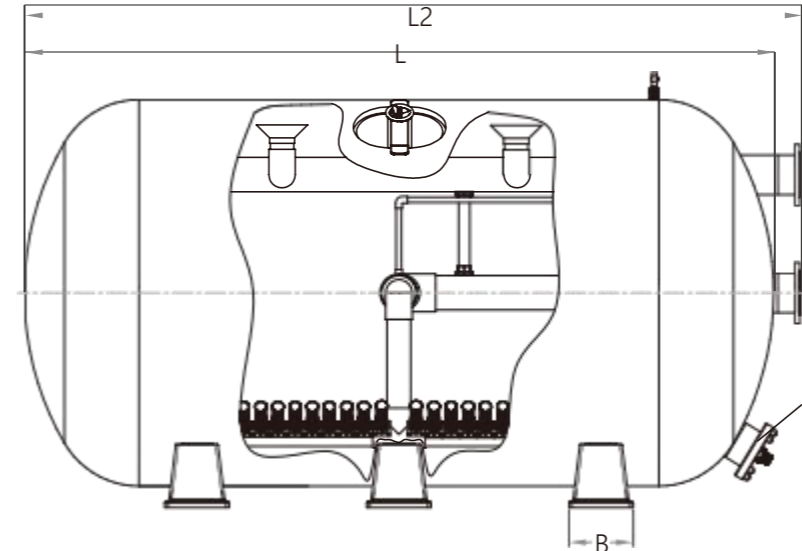
型号 Model	ØD (mm)	H (mm)	A (mm)	B (mm)	C (mm)	K (mm)	P (mm)	L (mm)	L2 (mm)	T (mm)	W (mm)
DSL-W305000	3000	3230	900	510	1500	160	2310	5000	5110	1000-1200	550
DSL-W306000	3000	3230	900	510	1500	160	2310	6000	6110	1000-1200	550
DSL-W307000	3000	3230	900	510	1500	160	2310	7000	7110	1000-1200	550
DSL-W308000	3000	3230	900	510	1500	160	2310	8000	8110	1000-1200	550

直径Diameter:2500mm

型号 Model	ØD (mm)	H (mm)	A (mm)	B (mm)	C (mm)	K (mm)	P (mm)	L (mm)	L2 (mm)	T (mm)	W (mm)
DSL-W254000	2500	2710	1360	450	710	160	1900	4000	4380	1000-1200	500
DSL-W254500	2500	2710	1360	450	710	160	1900	4500	4940	100-1200	500
DSL-W255000	2500	2710	1360	450	710	160	1900	5000	5440	1000-1200	500
DSL-W256000	2500	2710	625	450	1400	160	1900	6000	6110	1000-1200	500
DSL-W257000	2500	2710	625	450	1400	160	1900	7000	7110	1000-1200	500

直径Diameter:2350mm

型号 Model	ØD (mm)	H (mm)	A (mm)	B (mm)	C (mm)	K (mm)	P (mm)	L (mm)	L2 (mm)	T (mm)	W (mm)
DSL-W254000	2350	2560	1270	300	710	160	1750	4000	4380	1000-1200	500
DSL-W254500	2350	2560	1270	300	710	160	1750	4500	4880	1000-1200	500
DSL-W235000	2350	2560	1270	300	710	160	1750	5000	5440	1000-1200	500
DSL-W236000	2350	2560	720	300	1350	160	1750	6000	6110	1000-1200	500
DSL-W237000	2350	2560	720	300	1350	160	1750	7000	7110	1000-1200	500



直径Diameter:2000mm

型号 Model	ØD (mm)	H (mm)	A (mm)	B (mm)	C (mm)	K (mm)	P (mm)	L (mm)	L2 (mm)	T (mm)	W (mm)
D-HL202500	2000	2220	1090	330	550	160	1490	2500	2730	1100	400
D-HL203000	2000	2220	1090	330	550	160	1490	3000	3230	1100	400
D-HL203500	2000	2220	1090	330	550	160	1490	3500	3730	1100	400
D-HL204000	2000	2220	1090	330	550	160	1490	4000	4230	1100	400
D-HL204500	2000	2220	1090	330	550	160	1490	4500	4730	1100	400

直径Diameter:1800mm

型号 Model	ØD (mm)	H (mm)	A (mm)	B (mm)	C (mm)	K (mm)	P (mm)	L (mm)	L2 (mm)	T (mm)	W (mm)
DSL-W182500	1800	2050	1040	300	550	160	1400	2500	2700	1000	300
DSL-W183000	1800	2050	1040	300	550	160	1400	3000	3200	1000	300
DSL-W183500	1800	2050	1040	300	550	160	1400	3500	3700	1000	300
DSL-W184000	1800	2050	1040	300	550	160	1400	4000	4200	1000	300

### 直径Diameter:1600mm

型号 Model	ØD (mm)	H (mm)	A (mm)	B (mm)	C (mm)	K (mm)	P (mm)	L (mm)	L2 (mm)	T (mm)	W (mm)
DSL-W161900	1600	1830	925	300	450	110	1230	1900	2100	950	250
DSL-W162500	1600	1830	925	300	450	110	1230	2500	2700	950	250
DSL-W163000	1600	1830	925	300	450	110	1230	3000	3200	950	250

### 直径Diameter:1400mm

型号 Model	ØD (mm)	H (mm)	A (mm)	B (mm)	C (mm)	K (mm)	P (mm)	L (mm)	L2 (mm)	T (mm)	W (mm)
DSL-W141900	1400	1600	810	300	400	110	960	1900	2050	750	225
DSL-W142500	1400	1600	810	300	400	110	960	2500	2450	750	225
DSL-W143000	1400	1600	810	300	400	110	960	3000	3150	750	225

### 直径Diameter:1200mm

型号 Model	ØD (mm)	H (mm)	A (mm)	B (mm)	C (mm)	K (mm)	P (mm)	L (mm)	L2 (mm)	T (mm)	W (mm)
DSL-W121900	1200	1390	725	250	340	80	900	1900	2050	550	225
DSL-W122300	1200	1390	725	250	340	80	900	2300	2450	550	225
DSL-W122500	1200	1390	725	250	340	80	900	2500	2650	550	225
DSL-W122700	1200	1390	725	250	340	80	900	2700	2850	550	225
DSL-W123000	1200	1390	725	250	340	80	900	3000	3150	550	225



采用最新的数控多轴玻璃纤维缠绕技术  
Using the latest CNC multi-axis  
fiberglass winding technology



提供从系统设计到现场安装技术支持的全方位客户服务，  
协助客户在安装设备前的检查和监督，也提供可用备件用于  
砂缸的维护保养。

Provide a full range of customer service support from system  
design to on-site installation technical support, assist customers  
in the inspection and supervision before installing the equipment,  
and provide spare parts for the maintenance of sand filters.

# 商用立式过滤器

## COMMERCIAL FILTER

### 最大工作压力

Maximum Working Pressure

250 kpa/36 psi (2.5 bar)

400 kpa/58 psi (4.0 bar)

### 最大测试压力

Factory Testing Pressure

400 kpa/58 psi (4.0 bar)

600 kpa/86 psi (6.0 bar)

### 最高承受温度

Maximum Temperature

50 °C (122 F)

### 建议滤料规格

Size of Gravel

1 m m ~ 2 m m (gravel)

0.5 m m ~ 0.8 m m (sand)



### 产品特点

·收集臂和收集板可供选择。

·透视镜和人孔可供选择。

·过滤管的结构使获得最大的过滤效果。

·防紫外线玻璃纤维缠绕缸体，具有良好的耐化学腐蚀性。

·排气阀和缸内排气管，运行和调试时能自动排放缸内的气体。

·滤水帽的设计确保过滤和反冲洗的水流一致，使滤床性能达到最大化，同时在反冲洗过程中节省25%的水量。



### Product Features

·Lateral and nozzle plate are available in option.

·Sight glass and Manhole are available in option.

·Lateral configuration enhances filtration performance.

·Fiberglass filter body is UV and corrosion resistant.

·Air Release Valve and air tube enable easy release of air during operation and testing.

·Nozzle plate system ensures the same flow for filtration and backwash, ensuring the media bed to reach maximum performance and save up to 25% water during backwash.

### SC1200~SC3000 with lateral

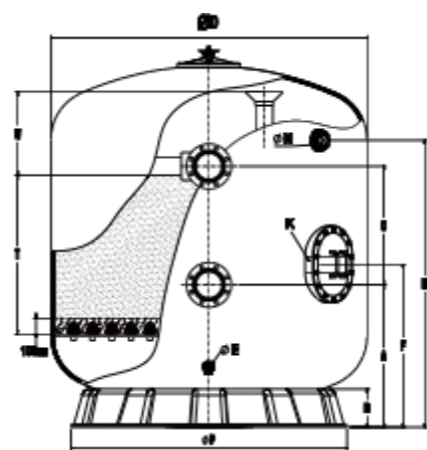
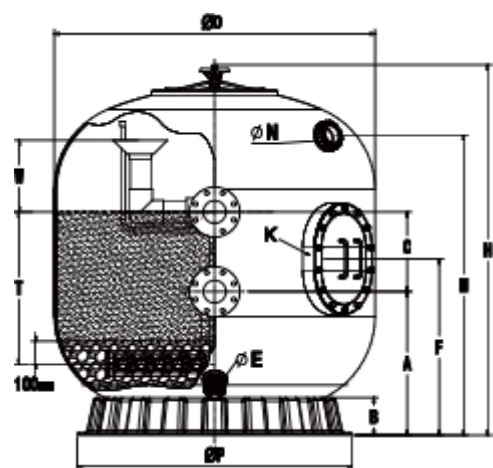
型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	流速 Flow rate (m <sup>3</sup> /h/m <sup>2</sup> )	出入口口径 Inlet&outlet		设计流量 Design Flow (m <sup>3</sup> /h)	过滤面积 Filter Area (m <sup>2</sup> )	所需细砂重 Sand Weight 0.5-0.8mm (kg)	所需粗砂重 Gravel Weight 1-2mm(kg)
				de(mm)	inch				
DSL-SC1200	1200	1420	30	90	3"	34	1.13	750	300
			40	90	3"	45			
			50	110	4"	57			
DSL-SC1400	1420	1670	30	90	3"	46	1.54	1200	500
			40	110	4"	61			
			50	110	4"	77			
DSL-SC1600	1600	1750	30	110	4"	60	2.01	1850	750
			40	160	6"	80			
			50	160	6"	101			
DSL-SC1800	1800	1950	30	110	4"	76	2.54	2500	1050
			40	160	6"	101			
			50	160	6"	127			
DSL-SC2000	2000	2130	30	160	6"	94	3.14	3300	1150
			40	160	6"	125			
			50	160	6"	157			
DSL-SC2200	2200	2350	30	160	6"	114	3.80	4150	1470
			40	160	6"	152			
			50	200	8"	190			
DSL-SC2300	2300	2350	30	160	6"	125	4.15	4900	1600
			40	200	8"	166			
			50	200	8"	208			
DSL-SC2350	2350	2350	30	160	6"	130	4.34	5000	1800
			40	200	8"	175			
			50	200	8"	217			
DSL-SC2500	2500	2450	30	160	6"	147	4.90	6000	2200
			40	200	8"	196			
			50	200	8"	245			
DSL-SC3000	3000	2650	30	200	8"	212	7.07	8600	3300
			40	200	8"	282			
			50	250	10"	354			

### SC1400N~SC3000N with nozzle

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	流速 Flow rate (m <sup>3</sup> /h/m <sup>2</sup> )	出入口口径 Inlet&outlet		设计流量 Design Flow (m <sup>3</sup> /h)	过滤面积 Filter Area (m <sup>2</sup> )	所需细砂重 Sand Weight 0.5-0.8mm (kg)	所需粗砂重 Gravel Weight 1-2mm(kg)
				de(mm)	inch				
DSL-SC1400N	1420	1900	30	90	3"	46	1.54	1800	220
			40	110	4"	61			
			50	110	4"	77			
DSL-SC1600N	1620	2000	30	110	4"	60	2.01	2300	300
			40	160	6"	80			
			50	160	6"	101			
DSL-SC1800N	1830	2100	30	110	4"	76	2.54	2900	360
			40	160	6"	101			
			50	160	6"	127			
DSL-SC2000N	2030	2200	30	160	6"	94	3.14	3600	440
			40	160	6"	125			
			50	160	6"	157			
DSL-SC2300N	2300	2350	30	160	6"	125	4.15	4800	580
			40	200	8"	166			
			50	200	8"	208			
DSL-SC2500N	2500	2450	30	160	6"	147	4.90	5700	680
			40	200	8"	196			
			50	200	8"	245			
DSL-SC3000N	3000	2650	30	200	8"	212	7.07	8250	980
			40	200	8"	282			
			50	250	10"	354			

DSL-SC1200N~DSL-SC3000N with lateral

DSL-SC1400N~DSL-SC3000N with nozzle



Model	ØD (mm)	H (mm)	A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	K (mm)	M (mm)	N (mm)	ØP (mm)	T (mm)	W (mm)
DSL-SC1200	1200	1420	560	180	340	60	740	180*180	1150	80	1010	600	300
DSL-SC1400	1400	1670	650	190	350	60	800	300*400	1250	80	1240	700	300
DSL-SC1600	1600	1750	680	215	450	60	870	300*400	1450	80	1450	800	320
DSL-SC1800	1800	1950	730	215	550	60	910	300*400	1650	80	1610	850	320
DSL-SC2000	2000	2130	800	240	550	60	930	300*400	1700	80	1800	900	350
DSL-SC2200	2200	2350	900	240	600	60	1070	300*400	1750	80	1800	1000	400
DSL-SC2300	2300	2350	940	240	600	60	940	300*400	1800	80	2010	1000	400
DSL-SC2350	2350	2350	940	240	600	60	1070	300*400	1800	80	2010	1000	400
DSL-SC2500	2500	2450	960	240	600	60	1100	300*400	1900	80	2010	1050	400
DSL-SC3000	3000	2650	1020	350	600	60	1130	300*400	2150	80	2650	1100	450

Model	ØD (mm)	H (mm)	A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	K (mm)	M (mm)	N (mm)	ØP (mm)	T (mm)	W (mm)
DSL-SC1400N	1420	1900	700	190	550	40	850	180*180	1400	80	1240	1000	300
DSL-SC1600N	1620	2000	810	215	550	40	900	300*400	1500	80	1450	1000	320
DSL-SC1800N	1830	2100	850	215	550	40	980	300*400	1600	80	1610	1000	320
DSL-SC2000N	2030	2200	900	240	550	40	1030	300*400	1650	80	1800	1000	350
DSL-SC2300N	2300	2350	940	240	600	40	1070	300*400	1800	80	2010	1000	400
DSL-SC2500N	2500	2450	960	240	600	40	1100	300*400	1900	80	2010	1000	400
DSL-SC3000N	3000	2650	1020	350	600	40	1130	300*400	2000	80	2650	1000	400

产品细节  
Product Details



检测口  
Manhole



透视镜  
Sight Glass



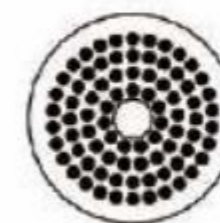
顶盖  
Cover Lid



压力表板  
Pressure Control  
Manometer Panel



收集板  
Nozzle System



收集臂  
Lateral System



# 商用深层过滤器

## COMMERCIAL DEEP BED SAND FILTER

- 防紫外线玻璃纤维缠绕缸体，具有良好的耐化学腐蚀性。
- 0.8~1.2米的滤床深度能提升过滤效果。
- 过滤管间细密的缝隙更好地防止滤材和灰尘微粒的进入。
- 透视镜和底排沙设备可供选择。
- 滤水帽的设计使滤床性能达到最大化，同时在反冲洗过程中节省25%的水量。
- 过滤管和滤水帽可供选择。
- 配有出入口法兰连接或配备六向阀门。
- Fiberglass filter body is UV and corrosion Resistant.
- 0.8~1.2M BED depth for finer filtration.
- Lateral with tight gaps are able to keep out filter media and dirt particles.
- Sight glass and Sand drain are available in option.
- Nozzle plate system ensures maximum performance and save up to 25% of backwash water.
- Lateral and nozzle plate are available in option.
- Flange or 6way multiport valve are available in option.



**最大工作压力**  
Maximum Working Pressure  
250 kpa/36 psi (2.5 bar)  
400 kpa/58 psi (4.0 bar)

**最大测试压力**  
Factory Testing Pressure  
400 kpa/58 psi (4.0 bar)  
600 kpa/86 psi (6.0 bar)

**最高承受温度**  
Maximum Temperature  
50 °C (122 F)

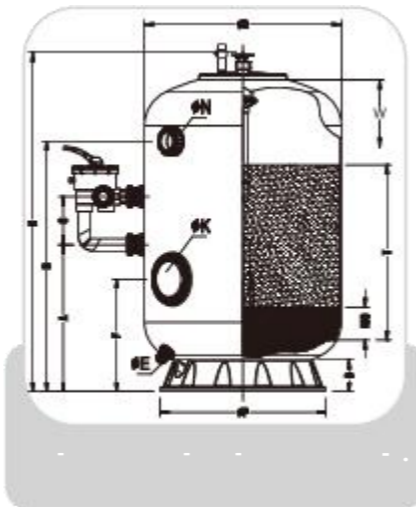
**建议滤料规格**  
Size of Gravel  
1 m m ~ 2 m m (gravel)  
0.5 m m ~ 0.8 m m (sand)  
收集臂和收集板可供选择



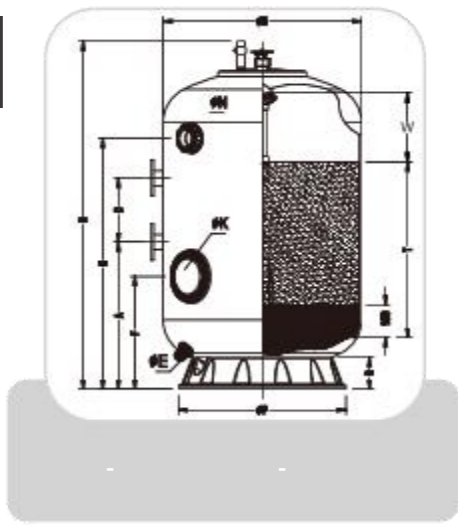
型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m³/h)	过滤面积 Filter Area (m²)	出入口口径 Inlet&outlet	所需细砂重 Sand Weight 0.5-0.8mm (kg)	所需粗砂重 Gravel Weight 1-2mm(kg)
DSL-SCS15800A	800	1600	20.0	0.50	2"/63	455	170
DSL-SCS15900A	900	1600	25.6	0.64	2"/63	585	230
DSL-SCS151000A	1000	1600	31.6	0.79	2"/63	720	270
DSL-SCS151200A	1200	1600	40.0	1.13	2"/63	1030	450
DSL-SCS151200A-2.5	1200	1600	45.2	1.13	2.5"/75	1030	450
DSL-SCS20800A	800	2100	15.0	0.50	2"/63	770	170
DSL-SCS20900A	900	2100	19.0	0.64	2"/63	990	230
DSL-SCS201000A	1000	2100	23.7	0.79	2"/63	1220	270
DSL-SCS201200A	1200	2100	30.0	1.13	2"/63	1740	450
DSL-SCS201200A-2.5	1200	2100	33.9	1.13	2.5"/75	1740	450

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m³/h)	过滤面积 Filter Area (m²)	出入口口径 Inlet&outlet	所需细砂重 Sand Weight 0.5-0.8mm (kg)	所需粗砂重 Gravel Weight 1-2mm(kg)
DSL-SCS15800	800	1600	20.0	0.50	2"/63	455	170
DSL-SCS15900	900	1600	25.6	0.64	2"/63	585	230
DSL-SCS151000	1000	1600	31.6	0.79	2"/63	720	270
DSL-SCS151200	1200	1600	45.2	1.13	3"/90	1030	450
DSL-SCS151400	1400	1600	61.6	1.54	3"/90	1100	500
DSL-SCS20800	800	2100	15.0	0.50	2"/63	770	170
DSL-SCS20900	900	2100	19.0	0.64	2"/63	990	230
DSL-SCS201000	1000	2100	23.7	0.9	2"/63	1220	270
DSL-SCS201200	1200	2100	33.9	1.13	3"/90	1740	450
DSL-SCS201400	1400	2100	46.2	1.54	3"/90	2100	500

型号 Model	DSL-SCS 15800A	DSL-SCS 15900A	DSL-SCS 151000A	DSL-SCS 151200A	DSL-SCS 151200 A-2.5	DSL-SCS 20800A	DSL-SCS 20900A	DSL-SCS 201000A	DSL-SCS 201200A	DSL-SCS 201200 A-2.5
ØD(mm)	800	900	1000	1200	1200	800	900	1000	1200	1200
H(mm)	1600	1600	1600	1600	1600	2100	2100	2100	2100	2100
A(mm)	700	700	700	700	700	1000	1000	1000	1000	1000
B(mm)	150	150	150	180	180	150	150	150	180	180
C(mm)	220	220	220	220	230	220	220	220	220	230
ØE(mm)	40	40	40	40	40	40	40	40	40	40
F(mm)	520	520	520	600	600	520	520	520	600	600
ØK(mm)	180	180	180	180	180	180	180	180	180	180
M(mm)	1120	1120	1120	1120	1120	1600	1600	1600	1600	1600
ØN(mm)	80	80	80	80	80	80	80	80	80	80
ØP(mm)	790	790	790	1010	1010	790	790	790	1010	1010
T(mm)	800	800	800	800	800	1200	1200	1200	1200	1200
W(mm)	350	350	350	350	350	400	400	400	400	400



Model	DSL-SCS 15800	DSL-SCS 15900	DSL-SCS 151000	DSL-SCS 151200	DSL-SCS 151400	DSL-SCS 20800	DSL-SCS 20900	DSL-SCS 201000	DSL-SCS 201200	DSL-SCS 201400
ØD(mm)	800	900	1000	1200	1400	800	900	1000	1200	1400
H(mm)	1600	1600	1600	1600	16500	2100	2100	2100	2100	2100
A(mm)	550	550	550	650	650	800	800	800	800	720
B(mm)	150	150	150	180	190	150	150	150	180	190
C(mm)	350	350	350	350	350	350	350	350	350	350
ØE(mm)	40	40	40	40	40	40	40	40	40	40
F(mm)	520	520	520	600	600	520	520	520	600	600
ØK(mm)	180	180	180	180	180	180	180	180	180	180
M(mm)	1180	1200	1160	1100	1120	1650	1650	1650	1650	1650
ØN(mm)	80	80	80	80	80	80	80	80	80	80
ØP(mm)	790	790	790	1010	1240	790	790	790	1010	1240
T(mm)	800	800	800	800	800	1200	1200	1200	1200	1200
W(mm)	350	350	350	350	350	400	400	400	400	400



# 商用深层过滤器

## COMMERCIAL DEEP BED SAND FILTER

**最大工作压力**  
Maximum Working Pressure  
250 kpa/36 psi (2.5 bar)  
400 kpa/58 psi (4.0 bar)

**最大测试压力**  
Factory Testing Pressure  
400 kpa/58 psi (4.0 bar)  
600 kpa/86 psi (6.0 bar)

**最高承受温度**  
Maximum Temperature  
50 °C (122 F)

**建议滤料规格**  
Size of Gravel  
1 m m ~ 2 m m (gravel)  
0.5 m m ~ 0.8 m m (sand)  
收集臂和收集板可供选择



		砂缸高度 Filter Height (mm)	设计流量 Design Flow (m³/h)	过滤面积 Filter Area (m²)	出入口口径 Inlet&outlet	所需细砂重 Sand Weight 0.5-0.8mm (kg)	所需粗砂重 Gravel Weight 1-2mm(kg)
DSL-SCS15800N	800	1600	20.0	0.50	2"/63	455	110
DSL-SCS15900N	900	1600	25.6	0.64	2"/63	585	145
DSL-SCS151000N	1000	1600	31.6	0.79	2"/63	720	175
DSL-SCS151200N	1200	1600	45.2	1.13	3"/90	1030	255
DSL-SCS151400N	1400	1600	61.6	1.54	3"/90	1100	320
DSL-SCS20800N	800	2100	15.0	0.50	2"/63	770	110
DSL-SCS20900N	900	2100	19.0	0.64	2"/63	990	145
DSL-SCS201000N	1000	2100	23.7	0.79	2"/63	1220	175
DSL-SCS201200N	1200	2100	33.9	1.13	3"/90	1740	255
DSL-SCS201400N	1400	2100	46.2	1.54	3"/90	2100	320

Model	DSL-SCS 15800N	DSL-SCS 15900N	DSL-SCS 151000N	DSL-SCS 151200N	DSL-SCS 151400N	DSL-SCS 20800N	DSL-SCS 20900N	DSL-SCS 201000N	DSL-SCS 201200N	DSL-SCS 201400N
ØD(mm)	800	900	1000	1200	1400	800	900	1000	1200	1400
H(mm)	1600	1600	1600	1600	1600	2100	2100	2100	2100	2100
A(mm)	550	550	550	650	650	800	800	800	800	720
B(mm)	150	150	150	180	190	150	150	150	180	190
C(mm)	350	350	350	350	350	350	350	350	350	350
ØE(mm)	40	40	40	40	40	40	40	40	40	40
F(mm)	520	520	520	600	600	520	520	520	600	600
ØK(mm)	180	180	180	180	180	180	180	180	180	180
M(mm)	1120	1120	1120	1120	1120	1600	1600	1600	1600	1600
ØN(mm)	80	80	80	80	80	80	80	80	80	80
ØP(mm)	790	790	790	1010	1240	790	790	790	1010	1240
T(mm)	800	800	800	800	700	1250	1250	1250	1250	1200
W(mm)	350	350	350	350	350	400	400	400	400	400



# 玻璃纤维过滤器

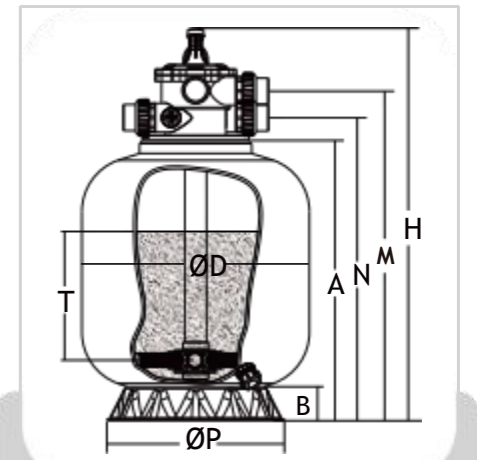
## FIBREGLASS SAND FILTER

- 内胆采用抽真空的新工艺，产品更耐用；
- 配备可以拆卸的颈环，方便维修，降低成本，延长寿命，增加效益；
- 缸体具有防紫外线保护层玻璃纤维缠绕加固；
- 大底排沙和底排水的合用能更好地防止冻裂；
- 配合有监察滤水情况用的清水镜；
- 顶出阀与砂缸紧密地接合。

- Inner tank is adopted evacuation technology to make the filters more durable.
- Equipped with removable bolt type neck for more convenient maintenance, save repair cost.
- UV resistant wound structural fiberglass tanks.
- Large combination sand/water drain for easy winterizing.
- Sight glass for inspection of filtering process.
- Bolt style top mount valve combines with the filter perfectly.



型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m³/h)	过滤面积 Filter Area (m²)	出入口口径 Inlet&outlet	所需砂重 Sand Weight (kg)
DSL-GF-P380	380	720	5	0.11	1.5"/50	24
DSL-GF-P400	400	750	6	0.13	1.5"/50	30
DSL-GF-P450	450	810	8	0.16	1.5"/50	45
DSL-GF-P500	530	870	11	0.22	1.5"/50	80
DSL-GF-P650	630	870	15	0.32	1.5"/50	150
DSL-GF-P650B	630	920	16	0.32	2"/63	150
DSL-GF-P700	700	960	19	0.38	1.5"/50	210
DSL-GF-P700B	700	1010	20	0.38	2"/63	210
DSL-GF-P750	750	1120	22	0.44	2"/63	230
DSL-GF-P800	800	1130	25	0.50	2"/63	260
DSL-GF-P900	900	1270	32	0.64	2"/63	400
DSL-GF-P1000	1000	1340	38.7	0.79	2"/63	600
DSL-GF-P1100	1100	1460	43	0.95	2"/63	800
DSL-GF-P1200	1200	1540	51	1.13	2"/63	900
DSL-GF-P1400	1400	1750	68	1.53	2"/63	1400



DSL-GF-P380~DSL-GF-P1400

Model	DSL-GF -P380	DSL-GF -P400	DSL-GF -P450	DSL-GF -P500	DSL-GF -P650	DSL-GF -P650B	DSL-GF -P700	DSL-GF -P700B	DSL-GF -P750	DSL-GF -P800	DSL-GF -P900	DSL-GF -P1000	DSL-GF -P1100	DSL-GF -P1200	DSL-GF -P1400
ØD(mm)	380	400	450	530	630	630	700	700	750	800	900	1000	1100	1200	1400
H(mm)	720	770	815	870	935	940	1005	1010	1120	1130	1270	1340	1460	1540	1750
A(mm)	470	520	565	620	685	685	755	755	820	830	970	1040	1160	1240	1450
B(mm)	73	73	75	75	95	95	95	95	95	150	150	150	180	180	180
M(mm)	579	629	674	729	729	762	823	852	962	972	1112	1182	1302	1392	1592
N(mm)	520	570	615	670	735	760	805	830	882	892	1032	1102	1222	1312	1512
ØP(mm)	315	315	390	390	565	565	565	565	565	790	790	790	1010	1010	1010
T(mm)	140	160	230	260	350	350	440	440	490	490	500	520	570	650	850

# 玻璃纤维过滤器

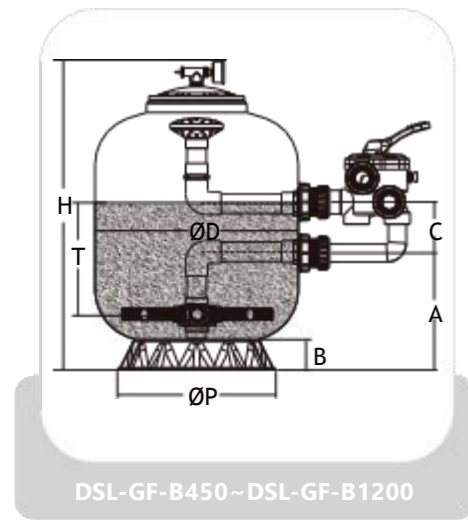
## FIBREGLASS SAND FILTER

**最大工作压力**  
Maximum Working Pressure  
250kpa / 36psi (2.5bar)  
400kpa / 58psi (4.0bar)

**最高承受温度**  
Maximum Temperature  
50 °C (122 F)

**最大测试压力**  
Factory Testing Pressure  
400kpa / 58psi (4.0bar)  
600kpa / 86psi (6.0bar)

**建议滤料规格**  
Size of Gravel  
0.5mm ~ 0.8mm (sand)



DSL-GF-B450~DSL-GF-B1200

- 内胆采用抽真空的新工艺，产品更耐用；
- 配备可以拆卸的颈环，方便维修，降低成本，延长寿命，增加效益；
- 缸体具有防紫外线保护层玻璃纤维缠绕加固。
- 手动排气阀能安全释放压力。
- 大底排沙和底排水的合用能更好地防止冻裂。
- 配合有监察滤水情况用的清水镜。
- 螺丝型砂缸安装起来更加牢固。
- Inner tank is adopted evacuation technology to make the filters more durable.
- Equipped with removable bolt type neck for more convenient maintenance, save repair cost.
- UV resistant wound structural fiberglass tanks.
- Manual safety pressure release.
- Large combination sand/water drain for easy winterizing.
- Sight glass for inspection of filtering process.
- Bolt type design makes the filter installation compactly.

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m <sup>3</sup> /h)	过滤面积 Filter Area (m <sup>2</sup> )	出入口口径 Inlet&outlet	所需砂重 Sand Weight (kg)
DSL-GF-B450	450	665	8	0.16	1.5"/50	50
DSL-GF-B500	500	720	10	0.20	1.5"/50	85
DSL-GF-B650	630	785	15	0.32	1.5"/50	135
DSL-GF-B700	700	855	19	0.38	1.5"/50	200
DSL-GF-B750	750	940	22	0.44	2"/63	230
DSL-GF-B800	800	980	25	0.50	2"/63	260
DSL-GF-B900	900	1070	32	0.64	2"/63	400
DSL-GF-B1000	1000	1190	38.7	0.79	2"/63	600
DSL-GF-B1100	1100	1300	43	0.95	2"/63	800
DSL-GF-B1200	1200	1380	51	1.13	2"/63	920

Model	DSL-GF-B 450	DSL-GF-B 500	DSL-GF-B 650	DSL-GF-B 700	DSL-GF-B 750	DSL-GF-B 800	DSL-GF-B 900	DSL-GF-B 1000	DSL-GF-B 1100	DSL-GF-B 1200
ØD(mm)	450	500	635	700	750	800	900	1000	1100	1200
H(mm)	665	720	785	855	940	980	1070	1190	1300	1380
A(mm)	260	280	310	360	385	385	430	540	650	650
B(mm)	75	75	95	95	95	150	150	150	180	180
C(mm)	125	125	125	125	220	220	220	220	220	220
ØP(mm)	390	390	565	565	565	790	790	790	1010	1010
T(mm)	250	280	300	350	410	410	480	510	560	600

**最大工作压力**  
Maximum Working Pressure  
250kpa / 36psi (2.5bar)  
400kpa / 58psi (4.0bar)

**最高承受温度**  
Maximum Temperature  
50 °C (122 F)

**最大测试压力**  
Factory Testing Pressure  
400kpa / 58psi (4.0bar)  
600kpa / 86psi (6.0bar)

**建议滤料规格**  
Size of Gravel  
0.5mm ~ 0.8mm (sand)

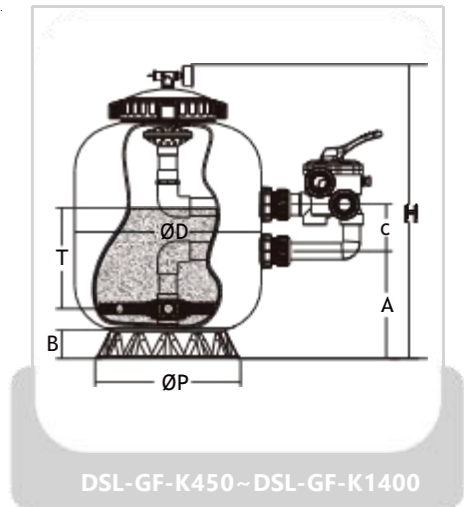


- 缸体具有防紫外线保护层玻璃纤维缠绕加固。
- 手动排气阀能安全释放压力。
- 大底排沙和底排水的合用能更好地防止冻裂。
- 配合有监察滤水情况用的清水镜。
- 大的透明顶盖便于内部查看和清除介质。

- Filter body is UV resistance fiberglass.
- Air release valve can release the air safely.
- The drain can prevent frost cracking.
- Sight glass for inspection of filtered water.
- Top cover is convenient for maintenance.

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m <sup>3</sup> /h)	过滤面积 Filter Area (m <sup>2</sup> )	出入口口径 Inlet&outlet	所需砂重 Sand Weight (kg)
DSL-GF-K450	450	680	8	0.16	1.5"/50	450
DSL-GF-K500	500	730	10	0.20	1.5"/50	80
DSL-GF-K650	650	790	15	0.32	1.5"/50	130
DSL-GF-K700	700	850	19	0.38	1.5"/50	190
DSL-GF-K750	750	980	22	0.44	2"/63	230
DSL-GF-K800	800	1010	25	0.50	2"/63	260
DSL-GF-K900	900	1100	32	0.64	2"/63	400
DSL-GF-K1000	1000	1160	36	0.79	2"/63	600
DSL-GF-K1050	1050	1230	38.7	0.86	2"/63	700
DSL-GF-K1100	1100	1260	43	0.95	2"/63	800
DSL-GF-K1200	1200	1340	51	1.13	2"/63	920
DSL-GF-K1400	1400	1570	68	1.53	2"/63	1400

应该是DSL-GF-K



DSL-GF-K450~DSL-GF-K1400

Model	DSL-GF-K 450	DSL-GF-K 500	DSL-GF-K 650	DSL-GF-K 700	DSL-GF-K 750	DSL-GF-K 800	DSL-GF-K 900	DSL-GF-K 1000	DSL-GF-K 1050	DSL-GF-K 1100	DSL-GF-K 1200	DSL-GF-K 1400
ØD(mm)	450	500	630	700	750	800	900	1000	1050	1100	1200	1400
H(mm)	680	730	790	850	980	1010	1100	1160	1230	1260	1340	1570
A(mm)	260	280	310	360	385	385	430	460	500	540	600	700
B(mm)	75	75	95	95	120	150	150	150	150	180	180	180
C(mm)	125	125	125	125	220	220	220	220	220	220	220	220
ØP(mm)	390	390	565	565	565	790	790	790	790	1010	1010	1010
T(mm)	250	280	300	350	400	420	480	510	530	560	600	630

# 玻璃纤维过滤器

## FIBREGLASS SAND FILTER

**最大工作压力**  
Maximum Working Pressure  
250kpa / 36psi (2.5bar)  
400kpa / 58psi (4.0bar)

**最高承受温度**  
Maximum Temperature  
50 °C(122 F)

**最大测试压力**  
Factory Testing Pressure  
400kpa / 58psi (4.0bar)  
600kpa / 86psi (6.0bar)

**建议滤料规格**  
Size of Gravel  
0.5mm ~ 0.8mm (sand)

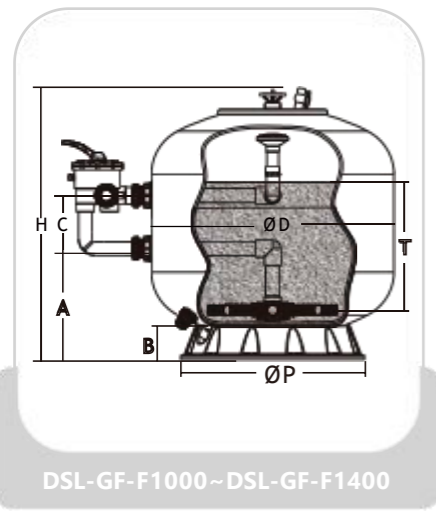


**最大工作压力**  
Maximum Working Pressure  
250kpa / 36psi (2.5bar)  
400kpa / 58psi (4.0bar)

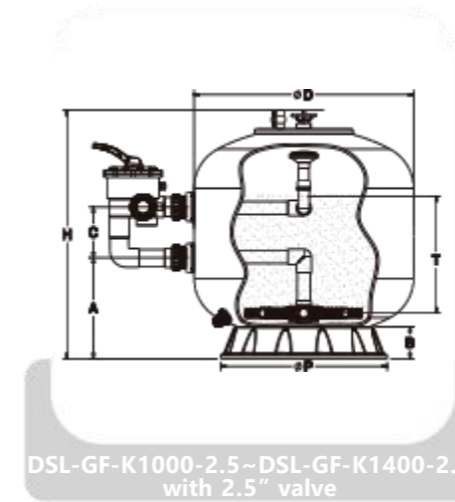
**最高承受温度**  
Maximum Temperature  
50 °C(122 F)

**最大测试压力**  
Factory Testing Pressure  
400kpa / 58psi (4.0bar)  
600kpa / 86psi (6.0bar)

**建议滤料规格**  
Size of Gravel  
0.5mm ~ 0.8mm (sand)



- 缸体具有防紫外线保护层玻璃纤维缠绕加固。
- 手动排气阀能安全释放压力。
- 大底排沙和底排水的合用能更好地防止冻裂。
- 配合有监察滤水情况用的清水镜。
- 大的透明顶盖便于内部查看和清除介质。
- Filter body is UV resistance fiberglass.
- Air release valve can release the air safely.
- The drain can prevent frost cracking.
- Sight glass for inspection of filtered water.
- Top cover is convenient for maintenance.



- 缸体具有防紫外线保护层玻璃纤维缠绕加固。
- 手动排气阀能安全释放压力。
- 大底排沙和底排水的合用能更好地防止冻裂。
- 配合有监察滤水情况用的清水镜。
- 大的透明顶盖便于内部查看和清除介质。
- Filter body is UV resistance fiberglass.
- Air release valve can release the air safely.
- The drain can prevent frost cracking.
- Sight glass for inspection of filtered water.
- Top cover is convenient for maintenance.

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m <sup>3</sup> /h)	过滤面积 Filter Area (m <sup>2</sup> )	入出水口径 Inlet&outlet	所需砂重 Sand Weight (kg)
DSL-GF-F1000	1000	1160	36	0.79	2"/63	600
DSL-GF-F1050	1050	1230	38.7	0.86	2"/63	700
DSL-GF-F1100	1100	1260	43	0.95	2"/63	800
DSL-GF-F1200	1200	1340	51	1.13	2"/63	920
DSL-GF-F1400	1400	1570	68	1.53	2"/63	1400

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m <sup>3</sup> /h)	过滤面积 Filter Area (m <sup>2</sup> )	入出水口径 Inlet&outlet	所需砂重 Sand Weight (kg)
DSL-GF-K1000-2.5	1000	1160	39.5	0.79	2.5"/75	600
DSL-GF-K1050-2.5	1050	1230	43	0.86	2.5"/75	700
DSL-GF-K1100-2.5	1100	1260	47.5	0.95	2.5"/75	800
DSL-GF-K1200-2.5	1200	1340	56.5	1.13	2.5"/75	920
DSL-GF-K1400-2.5	1400	1570	69	1.53	2.5"/75	1400

Model	DSL-GF- F1000	DSL-GF- F1050	DSL-GF- F1100	DSL-GF- F1200	DSL-GF- F1400
ØD(mm)	1000	1050	1100	1200	1400
H(mm)	1160	1230	1260	1340	1570
A(mm)	460	500	540	600	700
B(mm)	150	150	180	180	180
C(mm)	220	220	220	220	220
ØP(mm)	790	790	1010	1010	1010
T(mm)	510	530	560	600	630

型号 Model	DSL-GF-K1000-2.5	DSL-GF-K1050-2.5	DSL-GF-K1100-2.5	DSL-GF-K1200-2.5	DSL-GF-K1400-2.5
ØD(mm)	1000	1050	1100	1200	1400
H(mm)	1160	1230	1260	1340	1570
A(mm)	450	450	540	575	690
B(mm)	150	180	180	180	180
C(mm)	230	230	230	230	230
ØP(mm)	790	790	1010	1010	1010
T(mm)	510	530	560	600	630

# 玻璃纤维过滤器

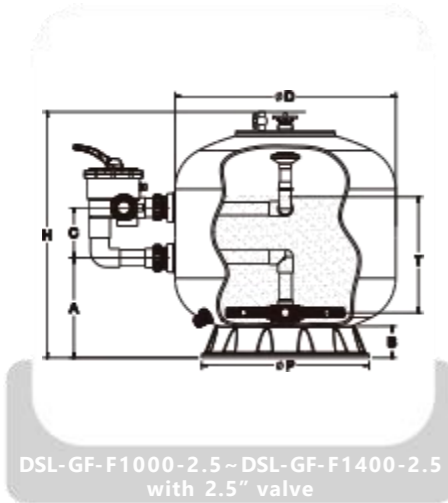
## FIBREGLASS SAND FILTER

**最大工作压力**  
Maximum Working Pressure  
250kpa / 36psi (2.5bar)  
400kpa / 58psi (4.0bar)

**最高承受温度**  
Maximum Temperature  
50 °C (122 F)

**最大测试压力**  
Factory Testing Pressure  
400kpa / 58psi (4.0bar)  
600kpa / 86psi (6.0bar)

**建议滤料规格**  
Size of Gravel  
0.5mm ~ 0.8mm (sand)

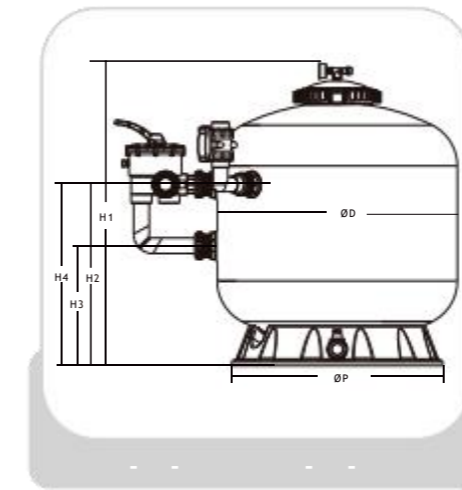


- 缸体具有防紫外线保护层玻璃纤维缠绕加固。
  - 手动排气阀能安全释放压力。
  - 大底排沙和底排水的合用能更好地防止冻裂。
  - 配有有监察滤水情况用的清水镜。
  - 大的透明顶盖便于内部查看和清除介质。
- Filter body is UV resistance fiberglass.
  - Air release valve can release the air safely.
  - The drain can prevent frost cracking.
  - Sight glass for inspection of filtered water.
  - Top cover is convenient for maintenance.

# 生化过滤器

## BIOLOGICAL FILTER

生化过滤器由食品级聚乙烯颗粒或珠子作为滤材。滤材巨大的表面面积可以让细菌和悬浮物附着。它配有多向阀，管道，风泵，控制阀来提供了物理过滤和生物过滤两种。它为养殖池和水族馆提供独特的设计。



Bead filters are closed pressure filter containing food grade polyethylene granules or beads. The form and size of the beads create a large surface on which bacteria and suspended solids can attached it. It provides mechanical and biological filtration at a single unit which complete with bobbin wound filter, 6-way multiport valve, pipings, circulation pump, air blower, control box and base. It has been engineered uniquely for pond and aquarium.

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m <sup>3</sup> /h)	过滤面积 Filter Area (m <sup>2</sup> )	出入口口径 Inlet&outlet	所需砂重 Sand Weight (kg)
DSL-GF-F1000-2.5	1000	1160	39.5	0.79	2.5"/75	600
DSL-GF-F1050-2.5	1050	1230	43	0.86	2.5"/75	700
DSL-GF-F1100-2.5	1100	1260	47.5	0.95	2.5"/75	800
DSL-GF-F1200-2.5	1200	1340	56.5	1.13	2.5"/75	920
DSL-GF-F1400-2.5	1400	1570	69	1.53	2.5"/75	1400

型号 Model	DSL-GF-F1000-2.5	DSL-GF-F1050-2.5	DSL-GF-F1100-2.5	DSL-GF-F1200-2.5	DSL-GF-F1400-2.5
ØD(mm)	1000	1050	1100	1200	1400
H(mm)	1160	1230	1260	1340	1570
A(mm)	450	450	540	575	690
B(mm)	150	180	180	180	180
C(mm)	230	230	230	230	230
ØP(mm)	790	790	1010	1010	1010
T(mm)	510	530	560	600	630

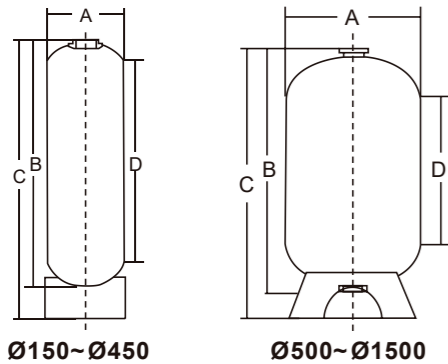
型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	流量 Flow Rate (m <sup>3</sup> /h)	适用鱼池 Pond Size (m <sup>3</sup> /h)	鼓风机 Blower (watt)	可承载鱼量 Fish Load (kg)	滤材 Media (kg)
DSL-BF-B450	450	660	8	6	700	20	18
DSL-BF-B500	500	730	11	10	700	35	30
DSL-BF-B650	650	745	16	30	900	78	50
DSL-BF-B700	700	830	19	34	900	94	75
DSL-BF-B800	800	905	25	52	900	124	100
DSL-BF-B900	900	1005	30	73	1000	172	125
DSL-BF-B1200	1200	1325	42	148	2*1100	310	325

型号 Model	DSL-BF-B450	DSL-BF-B500	DSL-BF-B650	DSL-BF-B700	DSL-BF-B800	DSL-BF-B900	DSL-BF-B1200
ØD(mm)	450	500	630	700	800	900	1200
H1(mm)	660	730	790	885	1020	1110	1350
H2(mm)	385	405	435	520	605	650	820
H3(mm)	260	280	310	300	385	430	600
H4(mm)	385	405	435	480	600	650	820
ØP(mm)	390	390	565	565	790	790	1010

# 生化过滤器

## BIOLOGICAL FILTER

- 采用高性能材料以满足用户各种用途使用要求。
  - 适用于生活用水及废水处理行业，轻工、化工、电子石化制药，食品等各工业领域。
  - Ø200mm-Ø1500mm的玻璃钢罐采用PE吹塑内衬，玻璃纤维树脂缠绕增强成型。
  - Ø700mm以上玻璃钢罐特别配备了破坏负压装置。
  - 耐负压能力强。
- Adopt high-performance material to satisfy customer's different application.
- Apply to water feeding and sewage water treatment, Chemical, Eletronic, Petroleum, Food etc.
- Ø200mm-Ø1500mm filters are made of PE blow molding inner tank with fiberglass.
- Above Ø700mm filters are specially equipped with destruction of negative pressure device.
- Strong ability of pressure - bearing.



**最大工作压力**  
Maximum Working Pressure  
600kpa / 87psi (2.5bar)

**最高承受温度**  
Maximum Temperature  
≤49°C( 122F )

**最大测试压力**  
Factory Testing Pressure  
900kpa / 130psi (9.0bar)

**最大真空度**  
Max Vacuum  
127mmHg

**过滤材料**  
Size of Media  
Silica sand(石英砂)  
Active Carbon(活性炭)



型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	容量 Volume (L)	上开口 (Top opening)	下开口 (Bottom opening)	A (mm)	B (mm)	C (mm)
DSL-BF-P2045	200	450	11.5	2.5"-8NPSM	/	200	430	450
DSL-BF-P2090	200	890	24.8	2.5"-8NPSM	/	200	805	900
DSL-BF-P2011	200	1105	35	2.5"-8NPSM	/	200	1070	1100
DSL-BF-P2590	250	890	38.4	2.5"-8NPSM	/	250	855	900
DSL-BF-P2514	250	1370	50	2.5"-8NPSM	/	250	1430	1400
DSL-BF-P3014	300	1370	70	2.5"-8NPSM	/	300	1430	1450
DSL-BF-P3016	300	1650	100	2.5"-8NPSM	/	300	1630	1650
DSL-BF-P3516	350	1650	130	2.5"-8NPSM	/	350	1630	1650
DSL-BF-P4016	400	1650	180	4"-8UN	/	400	1630	1650
DSL-BF-P4516	400	1650	185	4"-8UN	/	450	1620	1650
DSL-BF-P5018	500	1750	280	4"-8UN	4"-8UN	500	1650	1800
DSL-BF-P6018	600	1850	400	4"-8UN	4"-8UN	600	1650	1850
DSL-BF-P6020	600	2210	460	4"-8UN	4"-8UN	600	1850	200
DSL-BF-P7518	750	1850	650	4"-8UN	4"-8UN	750	1620	1850
DSL-BF-P7520	750	2225	700	4"-8UN	4"-8UN	750	1850	200
DSL-BF-P9020	900	2210	1040	4"-8UN	4"-8UN	900	1950	2000
DSL-BF-P9024	900	2400	1170	4"-8UN	4"-8UN	900	2030	2400
DSL-BF-P10018	1000	1850	1040	4"-8UN	4"-8UN	1000	1650	1850
DSL-BF-P10024	1000	2400	1332	4"-8UN	4"-8UN	1000	2030	2400
DSL-BF-P12024	1200	2400	1909	6"Flange	6"Flange	1200	2000	2400
DSL-BF-P15024	1500	2400	2588	6"Flange	6"Flange	1500	2000	2400

# 胶衣缸过滤器

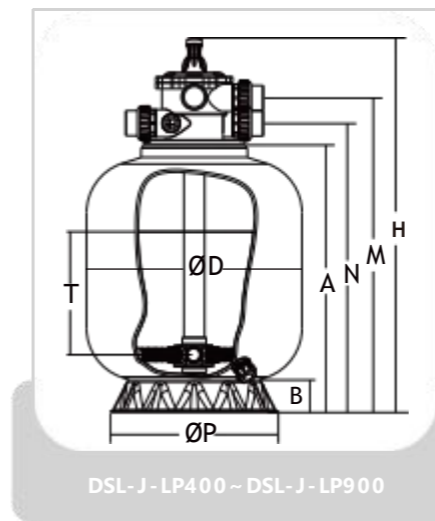
## LAMINATED SAND FILTER

**最大工作压力**  
Maximum Working Pressure  
250kpa / 36psi (2.5bar)

**最高承受温度**  
Maximum Temperature  
5 0 °C( 122F )

**最大测试压力**  
Factory Testing Pressure  
400kpa / 58psi (4.0bar)

**建议滤料规格**  
Size of Gravel  
0.5mm ~ 0.8mm (sand)



- 外表由耐腐蚀胶衣制成的玻璃纤维缸。
- 缸身光滑、颜色艳丽、高亮度。
- 配备六向阀门。
- 具有监察滤水情况用的清水镜。
- 维护方便，易清洁。

- Made of anti-corrosive reinforced laminated polyester.
- Smooth and high brightness appearance.
- 6way multiport valve.
- Sight glass for inspection of filtered wa

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m³/h)	过滤面积 Filter Area (m²)	进出水口径 Inlet&outlet	所需砂重 Sand Weight (kg)
DSL-J-LP400	400	750	6	0.13	1.5"/50	30
DSL-J-LP450	450	815	8	0.16	1.5"/50	45
DSL-J-LP500	500	860	10	0.20	1.5"/50	80
DSL-J-LP650	635	875	15	0.32	1.5"/50	130
DSL-J-LP700	700	1000	19	0.38	1.5"/50	190
DSL-J-LP800	800	1145	25	0.50	2"/63	300
DSL-J-LP900	900	1270	32	0.64	2"/63	450

型号 Model	DSL-J-LP400	DSL-J-LP450	DSL-J-LP500	DSL-J-LP650	DSL-J-LP700	DSL-J-LP800	DSL-J-LP900
ØD(mm)	400	450	500	635	700	800	900
H(mm)	750	815	860	875	980	1145	1275
A(mm)	500	565	610	625	725	845	970
B(mm)	73	75	75	95	95	150	150
M(mm)	609	674	719	734	834	988	1113
N(mm)	550	615	660	675	775	908	1033
ØP(mm)	390	390	390	565	565	790	790
T(mm)	160	230	260	300	400	500	550

# 胶衣缸过滤器

## LAMINATED SAND FILTER

**最大工作压力**  
Maximum Working Pressure  
250kpa / 36psi (2.5bar)

**最高承受温度**  
Maximum Temperature  
5 0 °C( 122F)

**最大测试压力**  
Factory Testing Pressure  
400kpa / 58psi (4.0bar)

**建议滤料规格**  
Size of Gravel  
0.5mm ~ 0.8mm (sand)

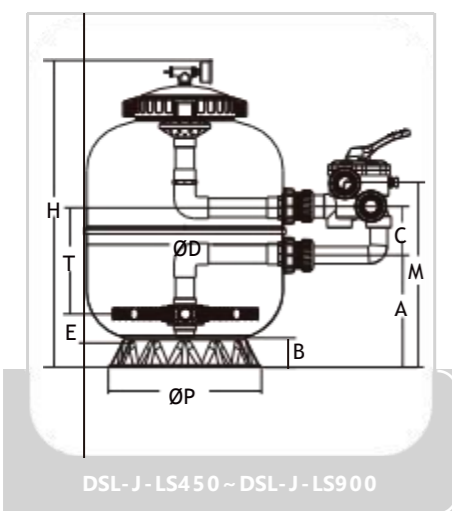


**最大工作压力**  
Maximum Working Pressure  
250kpa / 36psi (2.5bar)

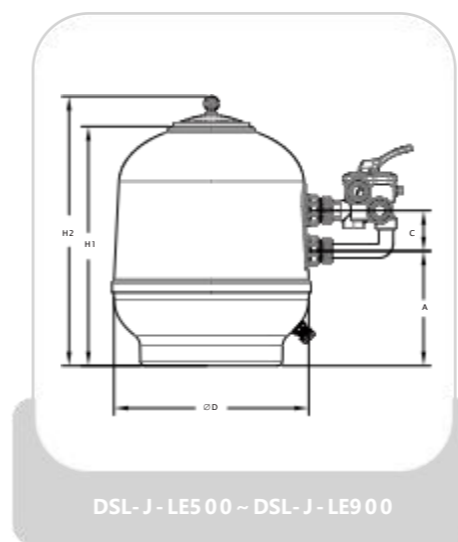
**最高承受温度**  
Maximum Temperature  
5 0 °C( 122F)

**最大测试压力**  
Factory Testing Pressure  
400kpa / 58psi (4.0bar)

**建议滤料规格**  
Size of Gravel  
0.5mm ~ 0.8mm (sand)



- 外表由耐腐蚀胶衣制成的玻璃纤维缸。
  - 缸身光滑、颜色艳丽、高亮度。
  - 配备六向阀门。
  - 具有监察滤水情况用的清水镜。
  - 维护方便，易清洁。
- Made of anti-corrosive reinforced laminated polyester.
  - Smooth and high brightness appearance.
  - 6way multiport valve.
  - Sight glass for inspection of filtered water.
  - Easy maintenace, easy to clean.



- 胶衣缸采用抽真空的新工艺，外观更光滑；
  - 新款的外观设计，让过滤层加高，从而提高过滤效果；
  - 外表由耐腐蚀胶衣制成的玻璃纤维缸；
  - 缸身光滑、颜色艳丽、高亮度；
  - 配备六向阀门；
  - 具有监察滤水情况用的清水镜；
  - 维护方便，易清洁。
- Laminated filter is adopted evacuation technology to make the surface more smooth and bright.
  - New design appearance makes higher filtration bed, and improve the filtration performance.
  - Made of anti-corrosive reinforced laminated polyester.
  - Smooth and high brightness appearance.
  - 6way multiport valve.
  - Sight glass for inspection of filtered water.
  - Easy maintenace, easy to clean.

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m³/h)	过滤面积 Filter Area (m²)	出入口口径 Inlet&outlet	所需砂重 Sand Weight (kg)
DSL-J-LS450	450	660	8	0.16	1.5"/50	45
DSL-J-LS500	500	745	10	0.20	1.5"/50	80
DSL-J-LS650	635	805	15	0.32	1.5"/50	130
DSL-J-LS700	700	885	19	0.38	1.5"/50	190
DSL-J-LS750	750	1000	22	0.44	2"/63	230
DSL-J-LS800	800	1000	25	0.50	2"/63	260
DSL-J-LS900	900	1115	32	0.64	2"/63	400

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m³/h)	过滤面积 Filter Area (m²)	出入口口径 Inlet&outlet	所需砂重 Sand Weight (kg)
DSL-J-LE500	500	750	10	0.2	1.5"/50	85
DSL-J-LE600	600	840	14	0.28	1.5"/50	140
DSL-J-LE750	750	960	22	0.44	2"/63	250
DSL-J-LE900	900	1150	32	0.64	2"/63	400

型号 Model	DSL-J-LS450	DSL-J-LS500	DSL-J-LS650	DSL-J-LS700	DSL-J-LS750	DSL-J-LS800	DSL-J-LS900
ØD(mm)	450	500	635	700	750	800	900
H(mm)	680	730	790	850	980	1000	1115
A(mm)	260	280	310	360	385	385	430
B(mm)	75	75	95	95	150	150	150
C(mm)	125	125	1025	125	220	220	220
M(mm)	444	464	494	544	680	680	725
ØP(mm)	390	390	565	565	790	790	790
T(mm)	250	280	300	350	400	420	480

型号 Model	DSL-J-LE500	DSL-J-LE600	DSL-J-LE750	DSL-J-LE900
ØD(mm)	500	600	750	900
H1(mm)	650	740	860	1050
H2(mm)	750	840	960	1150
A(mm)	315	355	300	400
C(mm)	125	125	220	220

# 胶衣缸过滤器

## BIOLOGICAL FILTER

**最大工作压力**  
Maximum Working Pressure  
250kpa / 36psi (2.5bar)

**最高承受温度**  
Maximum Temperature  
5 0 °C( 122F)

**最大测试压力**  
Factory Testing Pressure  
400kpa / 58psi (4.0bar)

**建议滤料规格**  
Size of Gravel  
0.5mm ~ 0.8mm (sand)

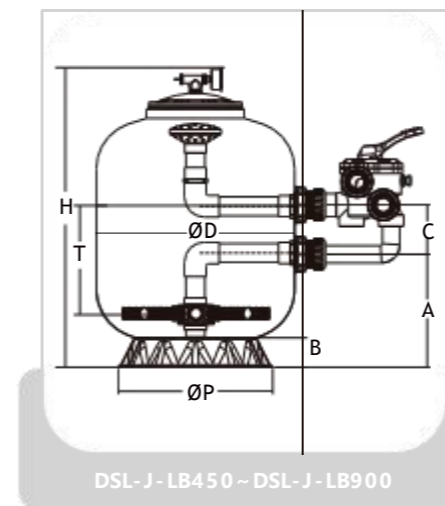


**最大工作压力**  
Maximum Working Pressure  
250kpa / 36psi (2.5bar)

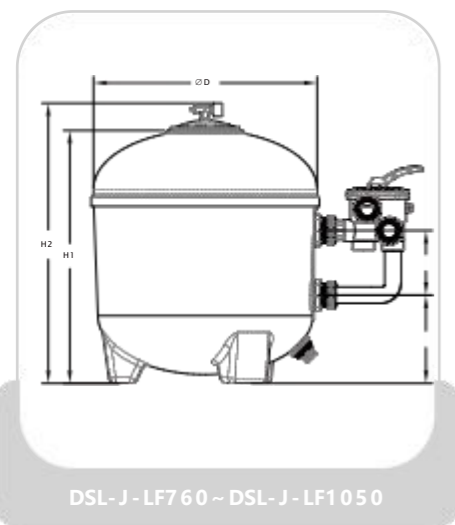
**最高承受温度**  
Maximum Temperature  
5 0 °C( 122F)

**最大测试压力**  
Factory Testing Pressure  
400kpa / 58psi (4.0bar)

**建议滤料规格**  
Size of Gravel  
0.5mm ~ 0.8mm (sand)



- 由玻璃纤维胶衣造成。
- 缸身光滑、高亮度。
- 内置自动排气管及外置手动排气阀有效安全地释放缸体内部压力和气体。
- 螺丝型砂缸安装起来更牢固。
- Made of anti-corrosive reinforced laminated polyester.
- Smooth and high brightness appearance.
- Automatic air bleed inside and air release valve outside.
- can release all interal air safely.



- 胶衣缸采用抽真空的新工艺，外观更光滑；
- 新款的外观设计，让过滤层加高，从而提高过滤效果；
- 外表由耐腐蚀胶衣制成的玻璃纤维缸；
- 缸身光滑、颜色艳丽、高亮度；
- 配备六向阀门；
- 具有监察滤水情况用的清水镜；
- 维护方便，易清洁。
- Laminated filter is adopted evacuation technology to make the surface more smooth and bright.
- New design appearance makes higher filtration bed, and improve the filtration performance.
- Made of anti-corrosive reinforced laminated polyester.
- Smooth and high brightness appearance.
- 6way multiport valve.
- Sight glass for inspection of filtered water.
- Easy maintenace, easy to clean.

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m³/h)	过滤面积 Filter Area (m²)	出入口口径 Inlet&outlet	所需砂重 Sand Weight (kg)
DSL-J-LF760	760	960	22	0.45	2"/63	230
DSL-J-LF900	900	1150	32	0.64	2"/63	400
DSL-J-LF1050	1050	1370	43	0.86	2"/63	800

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m³/h)	过滤面积 Filter Area (m²)	出入口口径 Inlet&outlet	所需砂重 Sand Weight (kg)
DSL-J-LB450	450	660	8	0.16	1.5"/50	65
DSL-J-LB500	530	745	10	0.21	1.5"/50	100
DSL-J-LB650	630	805	15	0.32	1.5"/50	185
DSL-J-LB700	700	885	19	0.38	1.5"/50	245
DSL-J-LB750	750	1000	22	0.44	2"/63	230
DSL-J-LB800	800	1000	25	0.50	2"/63	260
DSL-J-LB900	900	1115	32	0.64	2"/63	400

型号 Model	DSL-J-LF760	DSL-J-LF900	DSL-J-LF1050
ØD(mm)	760	900	1050
H1(mm)	860	1050	1270
H2(mm)	960	1150	1370
A(mm)	300	400	510
C(mm)	220	220	220

型号 Model	DSL-J-LB450	DSL-J-LB500	DSL-J-LB650	DSL-J-LB700	DSL-J-LB750	DSL-J-LB800	DSL-J-LB900
ØD(mm)	450	530	635	700	750	800	900
H(mm)	660	745	805	885	1000	1000	115
A(mm)	260	280	310	360	385	385	430
B(mm)	75	75	95	95	150	150	150
C(mm)	125	125	125	220	220	220	220
ØP(mm)	390	390	565	565	790	790	790
T(mm)	270	310	340	380	400	420	480

# 侧出胶衣深层过滤器

## LAMINATED DEPTH SAND FILTER

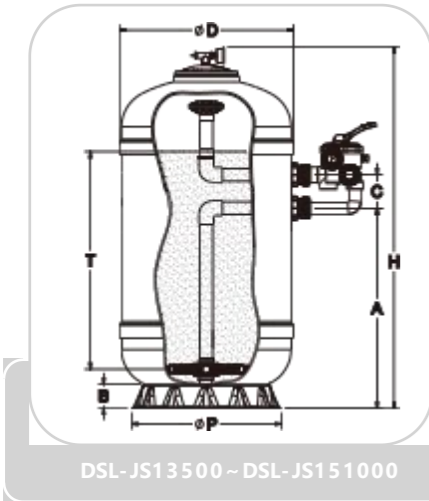


**最大工作压力**  
Maximum Working Pressure  
250kpa / 36psi (2.5bar)

**最高承受温度**  
Maximum Temperature  
50 °C( 122F)

**最大测试压力**  
Factory Testing Pressure  
400kpa / 58psi (4.0bar)

**建议滤料规格**  
Size of Gravel  
0.5mm ~ 0.8mm (sand)



DSL-JS13500 ~ DSL-JS151000

- 外表由耐腐胶衣制成的玻璃纤维缸，具有良好的耐化学腐蚀性能。
- 缸身光滑、颜色艳丽、高亮度。
- 内置自动排气管及外置手动排气阀有效安全地释放缸体内部压力和气体。
- 配备六向阀门。
- 具有监察滤水情况用的清水镜。
- 维护方便，易清洁。
- Made of anti-corrosive reinforced laminated polyester, anti-UV and corrosion resistant.
- Smooth and high brightness appearance.
- Automatic air bleed inside and air release valve outside can release all interal air safely.
- 6way multiport valve.
- Sight glass for inspection of filtered water.
- Easy maintenace, easy to clean.

# 吹塑过滤器

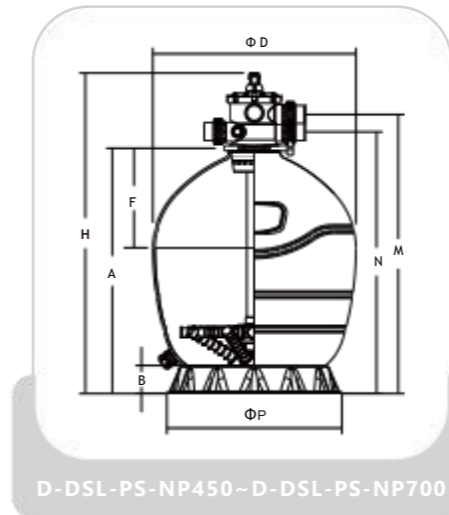
## PLASTIC SAND FILTER



**最大工作压力**  
Maximum Working Pressure  
400kpa / 2.8kg/cm<sup>2</sup>

**最高承受温度**  
Maximum Temperature  
50 °C( 122 F)

**建议滤料规格**  
Size of Gravel  
0.5mm ~ 0.8mm (sand)



D-DSL-PS-NP450 ~ D-DSL-PS-NP700

- 缸体使用高密度聚乙烯材料一体成形；
- 适用于具有不同消毒系统的游泳池，例如盐氯发生器，紫外线消毒器，臭氧系统和化学计量；
- 可用于泳池，水疗和水上功能；
- 易于维护和更换。
- Filter body are made of high density polyethylene material, anti-corrosive safe and envionmental.
- Suitable for pools with different disinfection system such as salt chlorine generator, UV sterilizer, Ozone system and chemical dosing;
- Can be used for Pool, Spa and Water features;
- Easy to maintain and replace.

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m <sup>3</sup> /h)	过滤面积 Filter Area (m <sup>2</sup> )	出入水口径 (inch/mm)	所需细砂重 Sand Weight (kg)	所需粗砂重 Gravel Weight (kg)
DSL-JS13500	540	1350	8	0.20	1.5 "/50	220	-
DSL-JS13650	650	1350	12.8	0.32	1.5 "/50	300	-
DSL-JS13700	710	1350	15.2	0.38	1.5 "/50	420	-
DSL-JS15800	810	1500	20	0.50	2 "/63	460	170
DSL-JS15900	910	1500	25.6	0.64	2 "/63	600	230
DSL-JS151000	1010	1500	31.6	0.79	2 "/63	740	270

型号 Model	DSL-JS13500	DSL-JS13650	DSL-JS13700	DSL-JS15800	DSL-JS15900	DSL-JS151000
ØD(mm)	540	650	710	810	910	1010
H(mm)	1350	1350	1350	1500	1500	1500
A(mm)	750	750	750	900	900	900
B(mm)	75	95	95	150	150	150
C(mm)	125	125	125	220	220	220
ØP(mm)	390	565	565	790	790	790
T(mm)	700	700	700	700	700	700

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m <sup>3</sup> /h)	过滤面积 Filter Area (m <sup>2</sup> )	出入水口径 Inlet&outlet	所需砂重 Sand Weight (kg)
D-DSL-PS-NP450	425	767	8.0	0.14	1.5 "/50	50
D-DSL-PS-NP500	500	890	10	0.19	1.5 "/50	90
D-DSL-PS-NP650	600	983	15	0.27	1.5 "/50	140
D-DSL-PS-NP700	650	1028	19	0.32	1.5 "/50	170

型号 Model	D-DSL-PS-NP450	D-DSL-PS-NP500	D-DSL-PS-NP650	D-DSL-PS-NP700
ØD(mm)	425	500	600	650
H(mm)	767	890	983	1028
A(mm)	526	650	743	787
B(mm)	75	75	75	95
M(mm)	635	758	850	895
N(mm)	579	702	795	839
ØP(mm)	390	390	390	565
F(mm)	195	236	285	319

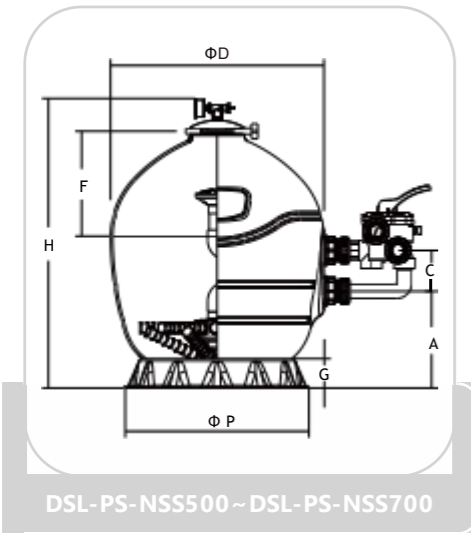
# 吹塑过滤器

## PLASTIC SAND FILTER

**最大工作压力**  
Maximum Working Pressure  
400kpa / 2.8kg/cm<sup>2</sup>

**最高承受温度**  
Maximum Temperature  
5.0 °C ( 1 2 2 F)

**建议滤料规格**  
Size of Gravel  
0.5mm ~ 0.8mm (sand)



DSL-PS-NSS500 ~ DSL-PS-NSS700

- 独特的外形设计和加厚的缸身增强了承压能力;
  - 适用于具有不同消毒系统的游泳池, 例如盐氯发生器, 紫外线消毒器, 臭氧系统和化学计量;
  - 可用于泳池, 水疗和水上功能;
  - 易于维护和更换。
- Unique design and strong body reinforce the pressure endurance.
  - Suitable for pools with different disinfection system such as salt chlorine generator, UV sterilizer, Ozone system and chemical dosing;
  - Can be used for Pool, Spa and Water features;
  - Easy to maintain and replace.

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m <sup>3</sup> /h)	过滤面积 Filter Area (m <sup>2</sup> )	入水口径 Inlet&outlet	所需砂重 Sand Weight (kg)
DSL-PS-NS500	500	736	10	0.19	1.5 "/50	90
DSL-PS-NS650	600	830	15	0.27	1.5 "/50	140
DSL-PS-NS700	650	887	19	0.32	1.5 "/50	170

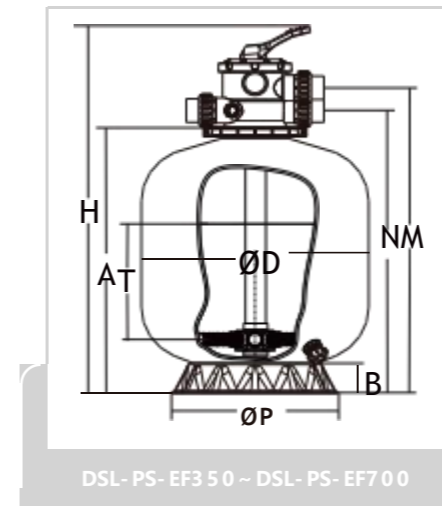
型号 Model	DSL- PS- NS500	DSL- PS- NS650	DSL- PS- NS700
ØD(mm)	500	600	650
H(mm)	736	830	887
A(mm)	241	310	296
C(mm)	125	125	125
G(mm)	75	75	95
ØP(mm)	390	390	565
F(mm)	236	285	319

**最大工作压力**  
Maximum Working Pressure  
250kpa / 30psi (2.0bar)

**最大测试压力**  
Factory Testing Pressure  
300kpa / 44psi (3.0bar)

**最高承受温度**  
Maximum Temperature  
4 0 °C ( 104F)

**建议滤料规格**  
Size of Gravel  
0.5mm ~ 0.8mm (sand)



DSL-PS-EP350 ~ DSL-PS-EP700

- 行夹设计使多向阀可以360度旋转, 方便安装。
  - 公英制合用的PVC管接头。
  - 清水镜能监察反冲洗过程。
- Clamp lock design can allow 360 ° rotation to simplify installation.
  - PVC unions are imperial or metric size.
  - Sightglass can inspect the backwash procedure.

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m <sup>3</sup> /h)	过滤面积 Filter Area (m <sup>2</sup> )	入水口径 Inlet&outlet	所需砂重 Sand Weight (kg)
DSL-PS-EP350	350	745	5	0.10	1.5 "/50	25
DSL-PS-EP400	400	770	6	0.13	1.5 "/50	30
DSL-PS-EP450	450	815	8	0.16	1.5 "/50	45
DSL-PS-EP500	530	860	10	0.22	1.5 "/50	85
DSL-PS-EP650	630	960	15	0.32	1.5 "/50	150
DSL-PS-EP700	700	1030	19	0.38	1.5 "/50	200

型号 Model	DSL-PS-EP350	DSL-PS-EP400	DSL-PS-EP450	DSL-PS-EP500	DSL-PS-EP650	DSL-PS-EP700
ØD(mm)	350	400	450	530	630	700
H(mm)	745	770	815	860	960	1030
A(mm)	485	510	555	600	700	770
B(mm)	73	73	75	75	95	95
M(mm)	609	629	674	719	819	8889
N(mm)	550	570	615	660	760	830
ØP(mm)	320	320	390	390	565	565
T(mm)	150	160	220	260	370	450

# 吹塑过滤器

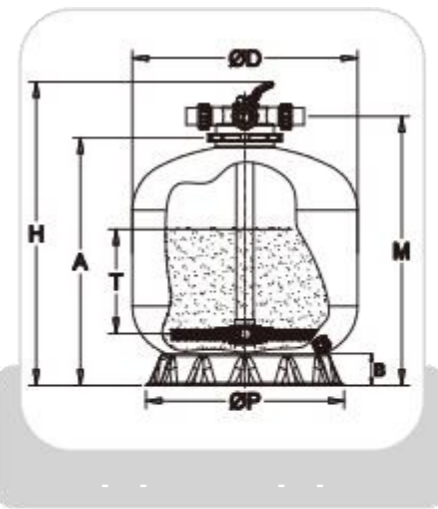
## PLASTIC SAND FILTER

**最大工作压力**  
Maximum Working Pressure  
250kpa / 30psi (2.0bar)

**最高承受温度**  
Maximum Temperature  
40 °C( 104F)

**最大测试压力**  
Factory Testing Pressure  
300kpa / 44psi (3.0bar)

**建议滤料规格**  
Size of Gravel  
0.5mm ~ 0.8mm (sand)



- 缸体采用高密度聚乙烯材料制成，耐腐蚀，更安全和更环保。
- 行夹设计使多向阀可以360度旋转，方便安装。
- 公英制合用的快接PVC管接头。
- 多向阀的清水镜能监察反冲洗过程。
- 经济型4位阀适用于14" ~28" 顶出砂缸。

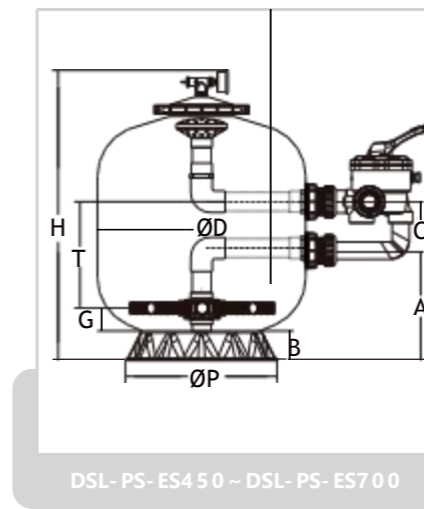
- Filter body are made of high density polyethylene material, anti-corrosive, safe and environmental.
- Clamp lock designed to allow 360degree rotation to simplify installation.
- Removable thread socket PVC unions in imperial or metric size.
- Integral sight glass for backwash clarity confirmation.
- Economic 4-way valve suitable for 14" ~28" top mount filters.

**最大工作压力**  
Maximum Working Pressure  
250kpa / 29psi (2.0bar)

**最高承受温度**  
Maximum Temperature  
40 °C( 104F)

**最大测试压力**  
Factory Testing Pressure  
300kpa / 44psi (3.0bar)

**建议滤料规格**  
Size of Gravel  
0.5mm ~ 0.8mm (sand)



- 缸体采用高密度聚乙烯材料制成，耐腐蚀，更安全和更环保。
- 多向阀的清水镜能监察反冲洗过程。
- 行夹设计使多向阀可以360度旋转，方便安装。
- 公英制合用的快接PVC管接头。

- The tanks are made of high density polyethylene material, corrosive-proof, safe and environmental.
- Sight glass for backwash inspection.
- Clamp lock designed to allow 360° rotation to simplify installation.
- Removable threaded PVC unions both in imperial and metric size.

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m³/h)	过滤面积 Filter Area (m²)	出入口口径 Inlet&outlet	所需砂重 Sand Weight (kg)
DSL-PS-EF350	350	645	5	0.10	1.5"/50	25
DSL-PS-EF400	400	670	6	0.13	1.5"/50	30
DSL-PS-EF450	450	715	8	0.16	1.5"/50	45
DSL-PS-EF500	530	760	10	0.22	1.5"/50	85
DSL-PS-EF650	630	860	15	0.32	1.5"/50	150
DSL-PS-EF700	700	930	19	0.38	1.5"/50	200

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m³/h)	过滤面积 Filter Area (m²)	出入口口径 Inlet&outlet	所需砂重 Sand Weight (kg)
DSL-PS-ES450	450	665	8	0.16	1.5"/50	45
DSL-PS-ES500	530	710	10	0.20	1.5"/50	85
DSL-PS-ES650	630	810	15	0.32	1.5"/50	150
DSL-PS-ES700	700	880	19	0.38	1.5"/50	200

型号 Model	DSL-PS-EF350	DSL-PS-EF400	DSL-PS-EF450	DSL-PS-EF500	DSL-PS-EF650	DSL-PS-EF700
ØD(mm)	350	400	450	530	630	700
H(mm)	645	670	715	760	860	930
A(mm)	485	510	555	600	700	770
B(mm)	73	73	75	75	95	95
M(mm)	545	570	615	660	760	830
ØP(mm)	320	320	390	390	565	565
T(mm)	150	160	220	260	370	450

型号 Model	DSL-PS-ES450	DSL-PS-ES500	DSL-PS-ES650	DSL-PS-ES700
ØD(mm)	450	530	630	700
H(mm)	665	710	810	880
A(mm)	260	280	310	360
B(mm)	75	75	95	95
C(mm)	125	125	125	125
ØP(mm)	390	390	565	565
T(mm)	250	280	300	350

# 纤维胶缸过滤器

## FIBERGLASS WITH PLASTIC SAND FILTER

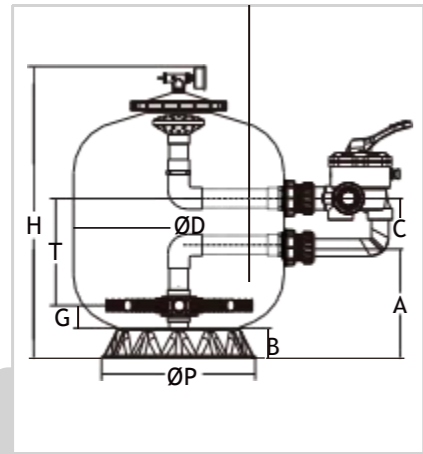


**最大工作压力**  
Maximum Working Pressure  
250kpa / 36psi (2.5bar)

**最高承受温度**  
Maximum Temperature  
40 °C (104F)

**最大测试压力**  
Factory Testing Pressure  
400kpa / 58psi (4.0bar)

**建议滤料规格**  
Size of Gravel  
0.5mm ~ 0.8mm (sand)



DSL-GFJ-ES450~DSL-GFJ-ES700

- 胶内胆采用高密度聚乙烯材料制成,耐腐蚀,更安全和更环保;
- 砂缸外层采用耐腐蚀的玻璃纤维缠绕,能让产品更耐用、更可靠;
- 多向阀的清水镜能监察反冲洗过程;
- 行夹设计使多向阀可以360度旋转,方便安装;
- 公英制合用的快接PVC管接头。
- Inner tanks are made of high density polyethylene material, corrosive-proof, safe and environmental.
- Outer is constructed of polyester resin and non-corrosive fibre-glass winding for its heavy duty performance and reliability.
- Sight glass for backwash clarity inspection.
- Clamp lock designed to allow 360° rotation to simplify installation.
- Removable threaded PVC unions both in imperial and metric size.

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m <sup>3</sup> /h)	过滤面积 Filter Area (m <sup>2</sup> )	入水口径 Inlet&outlet	所需砂重 Sand Weight (kg)
DSL-GFJ-ES450	450	665	8	0.16	1.5"/50	45
DSL-GFJ-ES500	530	710	10	0.20	1.5"/50	85
DSL-GFJ-ES650	630	810	15	0.32	1.5"/50	150
DSL-GFJ-ES700	700	880	19	0.38	1.5"/50	200

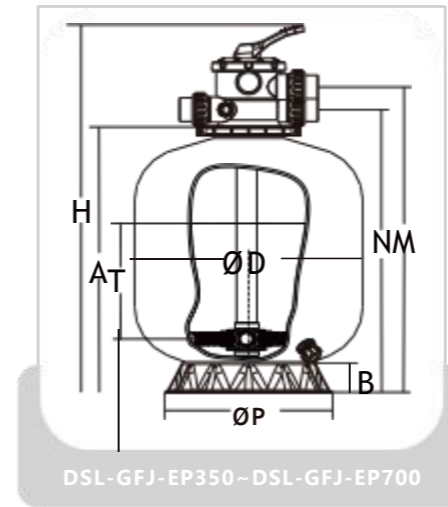
型号 Model	DSL-GFJ- ES450	DSL-GFJ- ES500	DSL-GFJ- ES650	DSL-GFJ- ES700
ØD(mm)	450	530	630	700
H(mm)	665	710	810	880
A(mm)	260	280	310	360
B(mm)	75	75	95	95
C(mm)	125	125	125	125
ØP(mm)	390	390	565	565
T(mm)	250	280	300	350

**最大工作压力**  
Maximum Working Pressure  
250kpa / 36psi (2.5bar)

**最高承受温度**  
Maximum Temperature  
40 °C (104F)

**最大测试压力**  
Factory Testing Pressure  
400kpa / 58psi (4.0bar)

**建议滤料规格**  
Size of Gravel  
0.5mm ~ 0.8mm (sand)



DSL-GFJ-EP350~DSL-GFJ-EP700

- 胶内胆采用高密度聚乙烯材料制成,耐腐蚀,更安全和更环保。
- 砂缸外层采用耐腐蚀的玻璃纤维缠绕。
- 多向阀的清水镜能监察反冲洗过程。
- 行夹设计使多向阀可以360度旋转,方便安装。
- 公英制合用的快接PVC管接头。
- Inner tanks are made of high density polyethylene material, corrosive-proof, safe and environmental.
- Outer is constructed of polyester resin and non-corrosive fibre-glass winding for its heavy duty performance and reliability.
- Sight glass for backwash clarity inspection.
- Clamp lock designed to allow 360° rotation to simplify installation.
- Removable threaded PVC unions both in imperial and metric size.

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m <sup>3</sup> /h)	过滤面积 Filter Area (m <sup>2</sup> )	入水口径 Inlet&outlet	所需砂重 Sand Weight (kg)
DSL-GFJ-EP350	350	745	5	0.10	1.5"/50	25
DSL-GFJ-EP400	400	770	6	0.13	1.5"/50	30
DSL-GFJ-EP450	450	815	8	0.16	1.5"/50	45
DSL-GFJ-EP500	530	860	10	0.22	1.5"/50	85
DSL-GFJ-EP650	630	960	15	0.32	1.5"/50	150
DSL-GFJ-EP700	700	1030	19	0.38	1.5"/50	200

型号 Model	DSL-GFJ-EP350	DSL-GFJ-EP400	DSL-GFJ-EP450	DSL-GFJ-EP500	DSL-GFJ-EP650	DSL-GFJ-EP700
ØD(mm)	350	400	450	530	630	700
H(mm)	745	770	815	860	960	1030
A(mm)	485	510	555	600	700	770
B(mm)	73	73	75	75	95	95
M(mm)	609	629	674	719	819	8889
N(mm)	550	570	615	660	760	830
ØP(mm)	320	320	390	390	565	565
T(mm)	150	160	220	260	370	450

# 纤维胶缸过滤器

## FIBERGLASS WITH PLASTIC SAND FILTER



### 最大工作压力

Maximum Working Pressure  
250kpa / 36psi (2.5bar)

### 最高承受温度

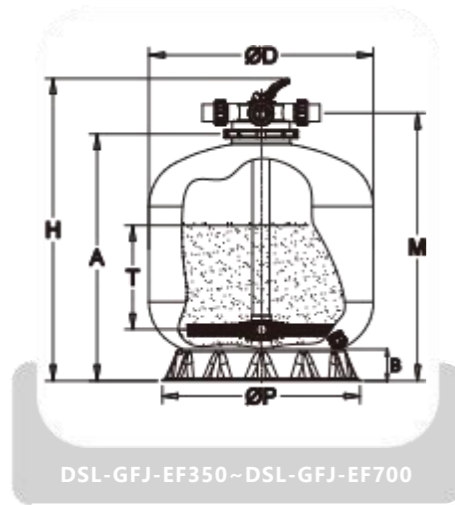
Maximum Temperature  
40 °C( 104F)

### 最大测试压力

Factory Testing Pressure  
400kpa / 58psi (4.0bar)

### 建议滤料规格

Size of Gravel  
0.5mm ~ 0.8mm (sand)



- 缸体采用高密度聚乙烯材料制成，耐腐蚀，更安全和更环保。
- 行夹设计使多向阀可以360度旋转，方便安装。
- 公英制合用的快接PVC管接头。
- 多向阀的清水镜能监察反冲洗过程。
- 经济型4位阀适用于14" ~28" 顶出砂缸。
- Inner tanks are made of high density polyethylene material,corrosive-proof, safe and environmental.
- Outer is constructed of polyester resin and non-corrosive fibre-glass winding for its heavy duty performance and reliability.
- Sight glass for backwash clarity inspection.
- Clamp lock designed to allow 360° rotation to simplify installation.
- Removable threaded PVC unions both in imperial and metric size.
- Economic 4-way valve suitable for 14" ~28" top mount filters.

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m³/h)	过滤面积 Filter Area (m²)	出入口口径 Inlet&outlet	所需砂重 Sand Weight (kg)
DSL-GFJ-EF350	350	645	5	0.10	1.5"/50	25
DSL-GFJ-EF400	400	670	6	0.13	1.5"/50	30
DSL-GFJ-EF450	450	715	8	0.16	1.5"/50	45
DSL-GFJ-EF500	530	760	10	0.22	1.5"/50	85
DSL-GFJ-EF650	630	860	15	0.32	1.5"/50	150
DSL-GFJ-EF700	700	930	19	0.38	1.5"/50	200

型号 Model	DSL-GFJ-EF350	DSL-GFJ-EF400	DSL-GFJ-EF450	DSL-GFJ-EF500	DSL-GFJ-EF650	DSL-GFJ-EF700
ØD(mm)	350	400	450	530	630	700
H(mm)	645	670	715	760	860	930
A(mm)	485	510	555	600	700	770
B(mm)	73	73	75	75	95	95
M(mm)	545	570	615	660	760	830
ØP(mm)	320	320	390	390	565	565
T(mm)	150	160	220	260	370	450

# 臭氧反应罐

## OZONE REACTOR

- 防紫外线保护层玻璃纤维缠绕加固的罐体；
- 罐内有防水，耐臭氧腐蚀涂层；
- 水和臭氧的充分反应可大大提升杀菌效果。
- UV resistant wound structural fiberglass tanks.
- Water proof and ozone corrosion resistant layers in the tank.
- Efficient sterilization while water and ozone are mixing.

### 最大工作压力

Maximum Working Pressure  
250kpa/36psi(2.5bar)  
400kpa/58psi(4.0bar)

### 最高承受温度

Maximum Temperature  
50 °C( 122 F)

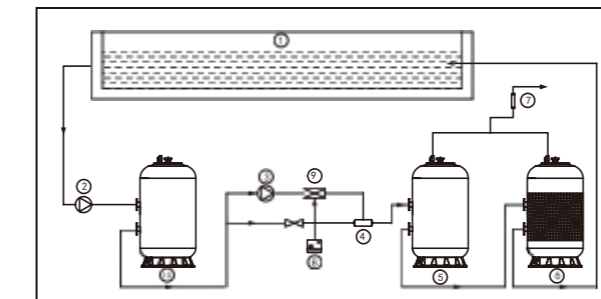
### 最大测试压力

Factory Testing Pressure  
400kpa/58psi(4.0bar)  
600kpa/86psi(6.0bar)



## 臭氧反应罐工作流程

### WORK PROCEDURE OF OZONE REACTOR

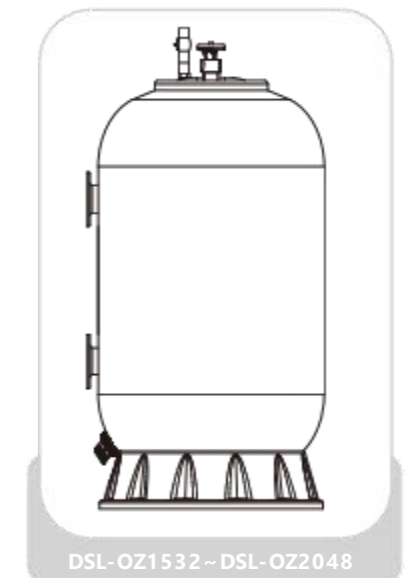


反应公式:  $CT \geq 1.6$ 。臭氧需要量按:  $Po_3 = qc \times O_3$ 。臭氧罐的大小可按:  $V = qc / 60 \times t$ 。式中(C - 投加到水中的臭氧量, t - 臭氧与水所需接触反应的时间, V - 反应罐的容积,  $qc$  - 游泳池的循环水量。)

Reaction formular:  $CT \geq 1.6$ . Ozone demand:  $Po_3 = qc \times O_3$ . Ozone filter size:  $V = qc / 60 \times t$ . (C - the amount of ozone added into water. t - the time about ozone and water reaction. V - the volume about ozone reactor. qc - the circulating water of swimming pool.)

1. POOL 游泳池
2. CIRCULATING PUMP 循环水泵
3. PRESSURIZED PUMP 加压泵
4. ONLINE MIXER 在线混合器
5. OZONE REACTOR 反应罐
6. SUCTION FILTER 吸附过滤器
7. EXHAUST RESOLVER 尾气分解器
8. OZONE DOSING DEVICE 臭氧投加装置
9. OZONE INJECTOR 臭氧注射器
10. SAND FILTER 过滤砂缸

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	出入口口径 Inlet&outlet	反应罐流量 Design Flow (m³/h)	容积 Volume (m³)
DSL-OZ1532	800	1600	63	18	0.63
DSL-OZ1540	1000	1600	63	33	1.12
DSL-OZ1548	1200	1600	90	45	1.53
DSL-OZ2032	800	2100	63	26	0.88
DSL-OZ2040	1000	2100	75	40	1.51
DSL-OZ2048	1200	2100	90	63	2.1



DSL-OZ1532 ~ DSL-OZ2048

# 食水缸

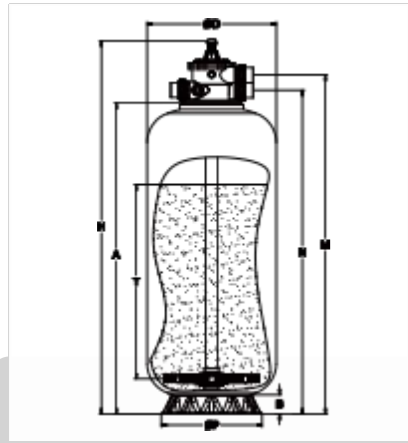
## DEEP BED FIBRGLASS SAND FILTER

**最大工作压力**  
Maximum Working Pressure  
400 kpa/58 psi (4.0 bar)

**最大测试压力**  
Factory Testing Pressure  
600 kpa/86 psi (6.0 bar)

**最高承受温度**  
Maximum Temperature  
50°C (122 F)

**建议滤料规格**  
Size of Gravel  
0.5 mm ~ 0.8 mm (sand)



DSL-FW-HP13400~DSL-FW-HP15900

- 防紫外线保护层玻璃纤维缠绕加固的缸体。
- 长型的缸体使滤床的高度加深，增强过滤效果。
- 使用不同的滤材可以除去水里面不受欢迎的物质如锈迹，泥沙，和其它固体杂质。
- UV resistant wound structural fiberglass tanks.
- Depth filter bed for better filtration performance.
- Using different kinds of filtration media to remove rust, dirt and other solid things in the water.

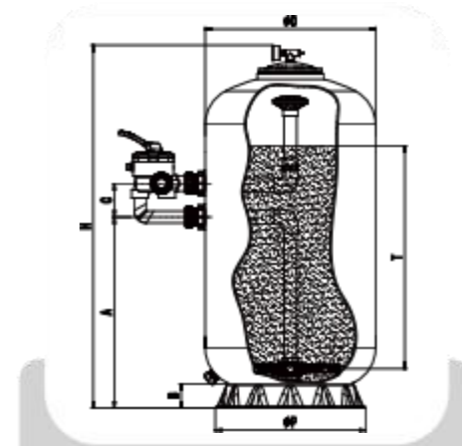


**最大工作压力**  
Maximum Working Pressure  
400 kpa/58 psi (4.0 bar)

**最大测试压力**  
Factory Testing Pressure  
600 kpa/86 psi (6.0 bar)

**最高承受温度**  
Maximum Temperature  
50°C (122 F)

**建议滤料规格**  
Size of Gravel  
0.5 mm ~ 0.8 mm (sand)



DSL-FW-HS10400~DSL-FW-HS13700

- 防紫外线保护层玻璃纤维缠绕加固的缸体。
- 长型的缸体使滤床的高度加深，增强过滤效果。
- 使用不同的滤材可以除去水里面不受欢迎的物质如锈迹，泥沙，和其它固体杂质。
- UV resistant wound structural fiberglass tanks.
- Depth filter bed for better filtration performance.
- Using different kinds of filtration media to remove rust, dirt and other solid things in the water.



型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m³/h)	过滤面积 Filter Area (m²)	入水口径 Inlet&outlet	所需幼砂重 Sand Weight (kg)
DSL-FW-HP13400	400	1300	4.5	0.13	1.5"/50	120
DSL-FW-HP13450	450	1300	5.6	0.16	1.5"/50	150
DSL-FW-HP13500	530	1300	7.0	0.20	1.5"/50	185
DSL-FW-HP13600	630	1300	11.2	0.32	1.5"/50	245
DSL-FW-HP13700	700	1300	13.0	0.37	1.5"/50	345
DSL-FW-HP15400	400	1500	3.9	0.13	1.5"/50	150
DSL-FW-HP15450	450	1500	4.8	0.16	1.5"/50	195
DSL-FW-HP15500	530	1500	6.0	0.20	1.5"/50	240
DSL-FW-HP15600	630	1500	9.6	0.32	1.5"/50	325
DSL-FW-HP15700	700	1500	11.0	0.37	1.5"/50	400
DSL-FW-HP15800	800	1500	15.0	0.50	2"/63	500
DSL-FW-HP15900	900	1500	19.2	0.64	2"/63	590

Model	DSL-FW-HP 13400	DSL-FW-HP 13450	DSL-FW-HP 13500	DSL-FW-HP 13600	DSL-FW-HP 13700	DSL-FW-HP 15400	DSL-FW-HP 15450	DSL-FW-HP 15500	DSL-FW-HP 15600	DSL-FW-HP 15700	DSL-FW-HP 15800	DSL-FW-HP 15900
ØD(mm)	400	450	530	630	700	400	450	530	630	700	800	900
H(mm)	1300	1300	1300	1300	1300	1500	1500	1500	1500	1500	1500	1500
A(mm)	1062	1062	1062	1062	1062	1262	1262	1262	1262	1262	1200	1200
B(mm)	75	75	75	95	95	75	75	75	95	95	150	150
M(mm)	1171	1171	1171	1171	1171	1371	1371	1371	1371	1371	1371	1371
N(mm)	1112	1112	1112	1112	1112	1312	1312	1312	1312	1312	1312	1312
ØP(mm)	390	390	390	565	565	390	390	390	565	565	790	790
T(mm)	650	650	650	630	630	850	850	850	830	830	700	700

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m³/h)	过滤面积 Filter Area (m²)	入水口径 Inlet&outlet	所需幼砂重 Sand Weight (kg)
DSL-FW-HS10400	400	1160	4.5	0.13	1.5"/50	110
DSL-FW-HS10450	450	1160	5.6	0.16	1.5"/50	140
DSL-FW-HS10500	500	1160	7.0	0.20	1.5"/50	170
DSL-FW-HS10600	630	1160	11.2	0.32	1.5"/50	230
DSL-FW-HS10700	700	1160	13.0	0.37	1.5"/50	325
DSL-FW-HS13400	400	1360	3.9	0.13	1.5"/50	140
DSL-FW-HS13450	450	1360	4.8	0.16	1.5"/50	185
DSL-FW-HS13500	500	1360	6.0	0.20	1.5"/50	225
DSL-FW-HS13600	630	1360	9.6	0.32	1.5"/50	310
DSL-FW-HS13700	700	1360	11.0	0.37	1.5"/50	430

Model	DSL-FW-HS 10400	DSL-FW-HS 10450	DSL-FW-HS 10500	DSL-FW-HS 10600	DSL-FW-HS 10700	DSL-FW-HS 13400	DSL-FW-HS 13450	DSL-FW-HS 13500	DSL-FW-HS 13600	DSL-FW-HS 13700
ØD(mm)	400	450	500	630	700	400	450	500	630	700
H(mm)	1160	1160	1160	1160	1160	1360	1360	1360	1360	1360
A(mm)	660	660	660	660	660	860	860	860	860	860
B(mm)	75	75	75	95	95	75	75	75	95	95
C(mm)	125	125	125	125	125	125	125	125	125	125
ØP(mm)	390	390	390	565	565	390	390	390	565	565
T(mm)	600	600	600	580	580	800	800	800	780	780

# 纸芯\硅藻土过滤器

## CARTRIDGE /DIATOMACEOUS EARTH FILTERS



### 最大工作压力

Maximum Working Pressure  
250kpa / 36psi (2.5bar)

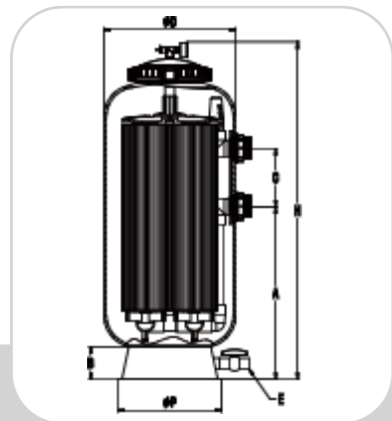
### 最大测试压力

Factory Testing Pressure  
400kpa / 58psi (4.0bar)

### 最高承受温度

Maximum Temperature  
50°C( 122F)

- 缸体具有防紫外线保护层及玻璃纤维缠绕加固。
- 配备2"或63mm的PVC进出口活接。
- 硅藻土缸可配套六向阀门或推阀门。
- 替换型纸芯和硅藻土滤芯容易更换和安装。
- 纸芯分别有225、250、350、450平方尺等规格，可与硅藻土滤芯交换使用。
- 硅藻土滤芯有35、45、75、90平方英尺四种规格，可与纸芯交换使用。
- 宽大的透明顶盖设计可观察缸体里面的过滤情况及方便注入和移除滤材。
- 独特的内部管道设计取代传统的接管。
- 长管型的排水管可排出缸内的杂物。



DSL-CF-KC225-DSL-CF-KC520~DSL-CF-KD35-KD90

- UV inhibited filament wound structural fiberglass tanks.
- 2" or 63mm Inlet/Outlet PVC unions.
- Either 6 way Multiport or Push-Pull valve available for DE models.
- Easy removal or installation of cartridges or DE elements.
- cartridges in 225, 250, 350, 450 Sq. Ft sizes, fully convertible to DE.
- DE elements in 35, 45, 75, 90 Sq. Ft. sizes, fully convertible to Cartridges.
- Large clear lock ring sealed lid for easy interior viewing and media installation/removal.
- Exclusive integral Inlet/Outlet manifold eliminates conventional bulkhead fittings.
- Hose bib drain valve allows removal of tank debris away from mechanical area.

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m³/h)	过滤面积 Filter Area (m²)	出入口口径 Inlet&outlet	硅藻土重量 Diatomite weight (kg)	ØD (mm)	H (mm)	A (mm)	B (mm)	C (mm)	ØD (mm)	E (mm)
DSL-CF-KC225	500	965	19.08	20.9	2"/63	-	500	965	341	125	220	390	32
DSL-CF-KC250	500	965	21.35	23.2	2"/63	-	500	965	341	125	220	390	32
DSL-CF-KC350	500	1270	32.30	35.3	2"/63	-	500	1270	646	125	220	390	32
DSL-CF-KC450	500	1270	34.07	41.8	2"/63	-	500	1270	646	125	220	390	32
DSL-CF-KC520	500	1270	36.50	44.8	2"/63	-	500	1270	646	125	220	390	32
DSL-CF-KD35	500	965	15.90	3.25	2"/63	1.59	500	965	341	125	220	390	32
DSL-CF-KD45	500	965	20.44	4.18	2"/63	2.04	500	965	341	125	220	390	32
DSL-CF-KD75	500	1270	34.07	6.97	2"/63	3.40	500	1270	646	125	220	390	32
DSL-CF-KD90	500	1270	41.80	8.36	2"/63	3.08	500	1270	646	125	220	390	32

# 纸芯过滤器

## CARTRIDGE FILTERS



- 结构紧密，轻便灵巧。
- 抗UV的外壳。
- 高强度的大螺母顶盖设计可以更方便的清洗和更换。
- 螺旋款的排气阀能容易排放缸内的气体，同时内部设有排气管，可实现自动排气。
- 高品质的压力表可以方便观察压力的变化。

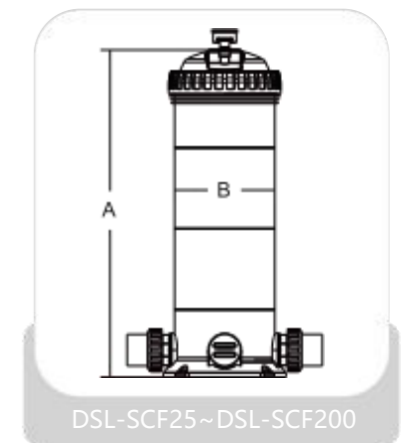
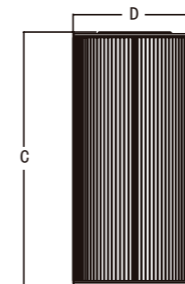
- Compact and light weight.
- UV resistant tank.
- Heavy duty ring-lock lid allows easy cleaning and replacement of the cartridge element.
- Screw type air bleeder for manual removal of air inside the filter tank and include air relief hose to automatically remove air.
- High quality oil filled pressure gauge for easy inspection of the operation pressure.

### 最大工作压力

Maximum Working Pressure  
250kpa / 36psi (2.5bar)

### 最高承受温度

Maximum Temperature  
40°C( 104F)



DSL-SCF25~DSL-SCF200

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m³/h)	过滤面积 Filter Area (m²)	出入口口径 Inlet&outlet	微米 Micron (µm)	A (mm)	B (mm)	C (mm)	D (mm)
DSL-SCF25	225	368.3	5.5	2.25	1.5"/50	≤20	368.3	225	184.5	183
DSL-SCF50	225	548.3	11.4	4.63	1.5"/50	≤20	548.3	225	364.8	183
DSL-SCF75	225	728.3	17.0	7.00	1.5"/50	≤20	728.3	225	544.5	183
DSL-SCF100	225	908.3	22.9	9.40	2"/63	≤20	908.3	225	724.5	183
DSL-SCF150	225	1088.3	33.4	13.72	2"/63	≤20	1088.3	225	904.5	183
DSL-SCF200	225	1268.3	40.9	16.82	2"/63	≤20	1268.3	225	1091.0	183

# 硅藻土过滤器

## DIATOMACEOUS EARTH FILTER



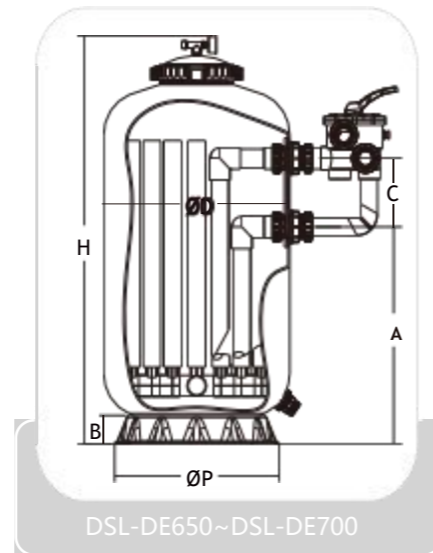
**最大工作压力**  
Maximum Working Pressure  
250kpa / 36psi (2.5bar)  
400kpa / 58psi (4.0bar)

**最大测试压力**  
Factory Testing Pressure  
400kpa / 58psi (4.0bar)  
600kpa / 86psi (6.0bar)

**最高承受温度**  
Maximum Temperature  
50°C (122F)

- 硅藻土缸是目前过滤效果最好的泳池过滤器。
- 硅藻土缸的运行周期可达15天。
- 大容量的过滤棒增大了过滤器的过滤面积。
- 独特的内部过滤棒设计优化了过滤和反冲洗效果。
- 过滤棒必须每一个季度拆卸清洗一次。
- 硅藻土的过滤精度高,能除掉1~2µm微生物。滤后出水浑浊度接近0.1NTU。

- DE filter is the most effective type for water treatment.
- DE filter can be worked about 15 days before backwashing.
- Large-capacity filter rod provide maximum filter surface area for greater dirt-trapping capacity and longer periods between cleaning.
- Unique internal filter rod ensures optimum filtration and backwash efficiency.
- Filter rod should be cleaned manually once per season.
- High filtering precision of D.E power to remove 1~2µm microorganism. The turbidity is about 0.1NTU after filtration.

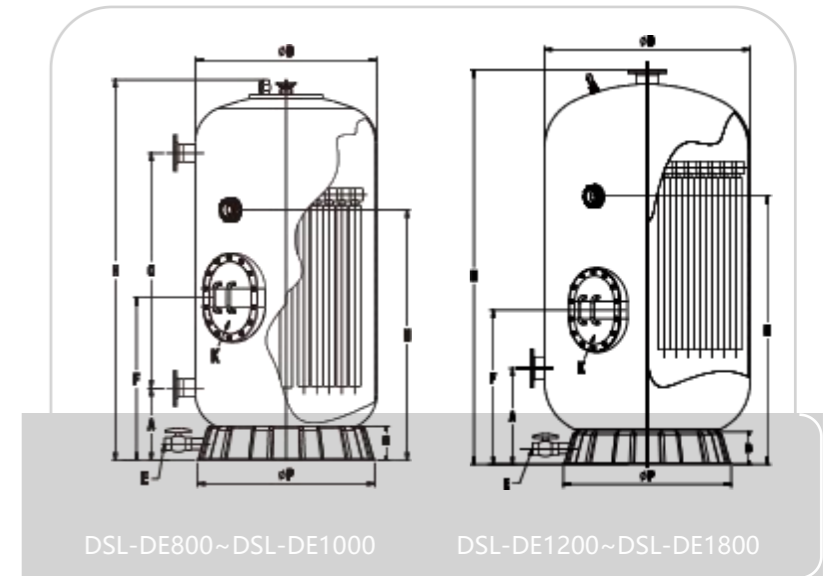


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  - 过滤棒必须每一个季度拆卸清洗一次。
  - 硅藻土的过滤精度高,能除掉1~2µm微生物。滤后出水浑浊度接近0.1NTU。
- DE filter is the most effective type for water treatment.
  - DE filter can be worked about 15 days before backwashing.
  - Large-capacity filter rod provide maximum filter surface area for greater dirt-trapping capacity and longer periods between cleaning.
  - Unique internal filter rod ensures optimum filtration and backwash efficiency.
  - Filter rod should be cleaned manually once per season.
  - High filtering precision of D.E power to remove 1~2µm microorganism. The turbidity is about 0.1NTU after filtration.

**最大工作压力**  
Maximum Working Pressure  
250kpa / 36psi (2.5bar)  
400kpa / 58psi (4.0bar)

**最大测试压力**  
Factory Testing Pressure  
400kpa / 58psi (4.0bar)  
600kpa / 86psi (6.0bar)

**最高承受温度**  
Maximum Temperature  
50°C (122F)



型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m³/h)	过滤面积 Filter Area (m²)	出入口口径 Inlet&outlet	硅藻土重量 Required D.E (kg)	ØD (mm)	H (mm)	A (mm)	B (mm)	C (mm)	ØD (mm)
DSL-DE650	635	1310	18.0	3.64	2"/63	2.2	635	1310	700	95	220	565
DSL-DE700	700	1340	25.0	5.07	2"/63	3.0	700	1340	730	95	220	565

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m³/h)	过滤面积 Filter Area (m²)	出入口口径 Inlet&outlet	硅藻土重量 Required D.E (kg)	ØD (mm)	H (mm)	A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	K (mm)	M (mm)	ØD (mm)
DSL-DE800	800	2100	47.0	9.40	90	5.0	800	2100	400	150	1300	50	900	300*400	1350	790
DSL-DE900	900	2100	55.0	11.00	90	6.0	900	2100	400	150	1300	50	900	300*400	1350	790
DSL-DE1000	1000	2100	75.0	15.00	110	8.0	1000	2100	400	150	1300	50	900	300*400	1350	790
DSL-DE1200	1200	2300	117.0	23.40	110	13.0	1200	2300	500	180	-	50	900	300*400	1400	1010
DSL-DE1400	1400	2350	163.0	32.60	160	19.0	1400	2350	600	165	-	63	900	300*400	1400	1215
DSL-DE1600	1600	2350	203.0	40.60	160	22.0	1600	2350	600	215	-	63	900	300*400	1400	1450
DSL-DE1800	1800	2450	267.0	53.40	200	30.0	1800	2450	650	215	-	63	1000	300*400	1450	1610

# 蛋白分离器

## PROTEIN FRACTIONATOR

海水蛋白质分离器是一种应用于海水循环水维生系统的重要设备。在海水循环水养殖（高密度水产养殖）或海洋馆工程中，水生生物生活产生了大量的粪便等有机杂质。为了去除这些杂质，我们需要将养殖水循环过滤。但一般的过滤器容易堵塞。为了防止这种耗费人工的工序，我们发明了不会堵塞而又能高效去除污物的设备——蛋白质分离器。

蛋白质分离器应用于循环水养殖场,工厂化水产养殖场,海洋馆,水族馆,循环水育苗场,高规格的石斑鱼,龙虾,鲍鱼养殖场等。

Protein skimmer is an important equipment for sea water circulation system. In the water recirculating aqua culture or aquarium project, aquatic organism discharge a lot of waste or other organic impurities. To remove these impurities, we need to clean the water. But generally filters will be blocked. So we design high efficient removal impurities equipment-Protein Skimmer.

Protein Skimmer is applied for circulating water treatment, aquarium, lobster, and abalone farm etc.



### 产品细节

#### Product Details



排污口  
Sewage outlet



入水口法兰  
Water inlet flange



泡沫收集杯  
Bubble collection cup

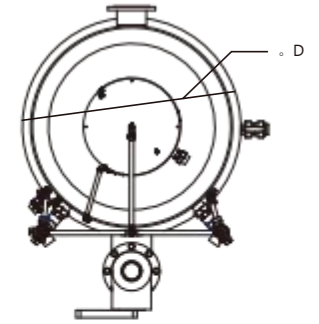
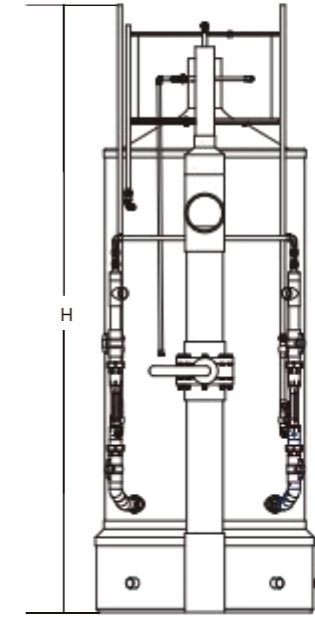


蝶阀  
Butterfly valve

型号 Model	缸体直径 Filter Diameter (mm)	缸体高度 Filter Height (mm)	处理量 Flow Rate (m <sup>3</sup> /h)	滞水时间 Process Retention Time (min)	进/出水口径 In/Outlet (mm)	泡沫排污口 Waste (mm)	文丘里数量 Venturi Qty (pcs)	水泵功率 Pump Power (kw)
DSL-PF-NS400	400	2500	10/7.5	1.5/2	63/90	50	1078*1	0.75
DSL-PF-NS600	400	2700	22/16	1.5/2	90/110	50	1584*1	1.1
DSL-PF-NS800	800	3100	45/34	1.5/2	90/110	50	1584*1	1.5
DSL-PF-NS900	900	3100	55/42	1.5/2	90/140	50	2081	2.2
DSL-PF-NS1000	1000	3600	85/65	1.5/2	110/160	63	1584*2	1.1*2
DSL-PF-NS1200	1200	3600	120/94	1.5/2	160/200	63	2081*2	1.5*2
DSL-PF-NS1400	1400	3800	180/130	1.5/2	200/250	75	2081*2	2.2*2
DSL-PF-NS1600	1600	3800	240/180	1.5/2	250/300	75	2081*3	1.5*3
DSL-PF-NS1800	1800	4000	320/240	1.5/2	250/300	90	2081*3	2.2*3
DSL-PF-NS2000	2000	4000	400/300	1.5/2	200*2/250*2	90	3090*2	7.5*2

### 产品工程图

#### Product Engineering Drawing



型号 Model	DSL-PF-NS 400	DSL-PF-NS 600	DSL-PF-NS 800	DSL-PF-NS 900	DSL-PF-NS 1000	DSL-PF-NS 1200	DSL-PF-NS 1400	DSL-PF-NS 1600	DSL-PF-NS 1800	DSL-PF-NS 2000
H(mm)	2500	2700	3100	3100	3600	3600	3800	3800	4000	4000
ØD(mm)	400	600	800	900	1000	1200	1400	1600	1800	2000



# 蛋白分离器

## PROTEIN FRACTIONATOR

缸体采用HDPE滚塑成型，防UV耐腐蚀，使用寿命长。自成一体化系统，无需额外组装，并有冲洗功能。缸体采用大容量设计，配置触屏控制面板，整体操作简单，高效耐用，能有效节省运维成本，带来更高的经济效益，适应淡水、海水环境使用。

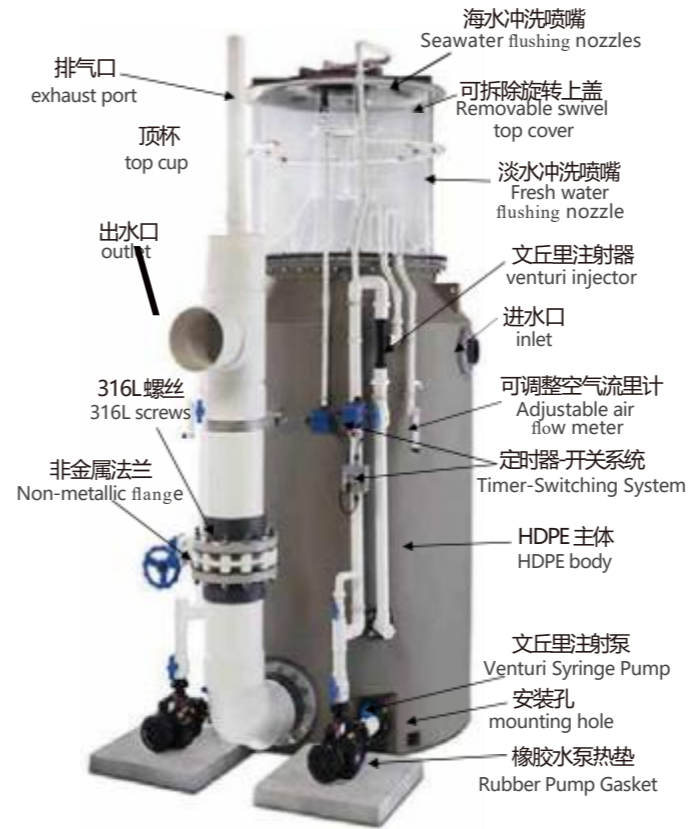
The skimmer body is made of HDPE rotational molding, which is UV and corrosion resistant with durable service life. Self-contained integrated system without additional assembly has a flushing function. The skimmer body adopts a large capacity design and is equipped with a touch-screen control panel. The operation is simple, efficient and durable, which can effectively save operation and maintenance costs, bring higher economic benefits. Protein skimmer applies to fresh water and seawater.



淡水蛋白分离器  
potable water



海水蛋白分离器  
salt water



- 一体化系统，无需额外组装；
- 适应淡水、海水环境，并有冲洗功能；
- 触屏控制面板，操作简单、高效；
- HDPE(高密度聚乙烯)滚塑成型，防UV防腐蚀；
- 可选国际PN16或美标sch80UPVC的管道和球阀；
- 大容量设计，确保水体滞留时间2分钟以上；
- 超高的空气/水比率，高效排除杂物污物；
- 可调整空气流量及防虹吸的臭氧进水口设计；
- 可拆除顶杯上盖设计，维护便利；
- 出水管配置蝴蝶阀设计，可控缸内水位高度及流量；
- 顶盖设有伸缩海水专用喷射头。

- Integrated system without additional assembly;
- Apply to fresh water and sea water environment, and have flushing function;
- Touch screen control panel, simple and efficient operation;
- HDPE (high-density polyethylene) rotational molding, anti-UV and anti-corrosion;
- Option for international PN16 or American standard sch80UPVC pipes and ball valves;
- Large-capacity body design ensures interal water to stay for more than 2 minutes;
- Ultra-high air/water ratio, efficient removal of debris and dirt;
- Adjustable air flow and anti-siphon ozone water inlet design;
- The top cover can be removed for convenient maintenance;
- The outlet pipe is equipped with a butterfly valve design, which can control the height and flow of the water level in the tank;
- The top cover is equipped with a telescopic jet.

型号 Model	设计流量 Max Flow (m <sup>3</sup> /h)		底部直径 Diameter (mm)	主体高度 Body Height (mm)	处理水柱长度 Length of water column (mm)	总高度 Total Height (mm)	总容器容量 Volume (L)	自带射流泵 Venturi Qty (pcs)	反冲洗/电磁阀数量 Backwash/ Electromagnetic valves(pcs)	进水口 尺寸 Inlet	出水口 尺寸 Outlet
	@2 min	@1.5 min									
DSL-PF-NE25	7	9	420	1700	1701.08	2134	226	1*1.1KW	2*50W	Ø50	Ø63
DSL-PF-NE50	14	18	550	1900	1905	2515	452	1*1.1KW	2*50W	Ø63	Ø90
DSL-PF-NE75	24	32	730	1900	1905	2591	797	1*1.5KW	2*50W	Ø63	Ø90
DSL-PF-NE150	40	54	950	1900	1905	2565	1350	1*1.5KW	2*50W	Ø90	Ø110
DSL-PF-NE300	84	112	1350	1950	1955.8	2794	2800	1*1.5KW	2*50W	2*Ø90	Ø160
DSL-PF-NE600	166	222	1650	2440	2590.8	3658	5540	2*1.5KW	2*50W	2*Ø110	Ø225
DSL-PF-NE1000	282	376	2134	2440	2590.8	3658	9407	4*1.5KW	2*50W	2*Ø160	Ø315
DSL-PF-NE2000	344	458	2134	3050	3200.4	4267	11445	4*1.5KW	2*50W	2*Ø225	Ø400

# 胶缸连泵过滤系统

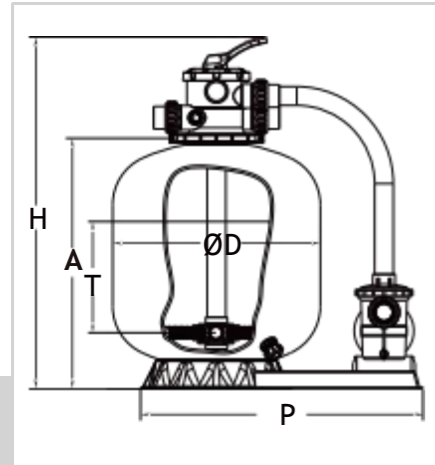
## LAMINATED DEPTH SAND FILTER

**最大工作压力**  
Maximum Working Pressure  
200kpa / 30psi (2.0bar)

**最高承受温度**  
Maximum Temperature  
50 °C( 122F )

**最大测试压力**  
Factory Testing Pressure  
300kpa / 44psi (3.0bar)

**建议滤料规格**  
Size of Gravel  
0.5mm ~ 0.8mm (sand)



DSL-JP-EB350~DSL-JP-EB700

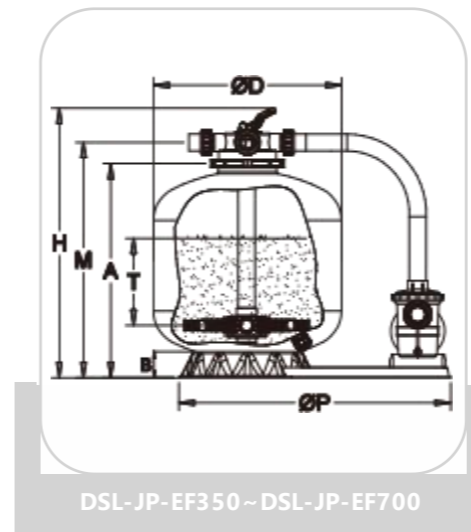
- 安装方便快捷。
- 砂缸和水泵的规格匹配恰当。
- 水泵的超大过滤篮延长使用寿命。
- 配备易安装拆卸的活接。
- 一体化设计的安全底座。
- Fast and easy to install .
- Specifically sized filter and pump combination.
- Large pump strainer basket to extend service periods.
- Union connections for quick installation and servicing.
- Unified pump/filter base for secure system installation.

**最大工作压力**  
Maximum Working Pressure  
200kpa / 30psi (2.0bar)

**最高承受温度**  
Maximum Temperature  
50 °C( 122F )

**最大测试压力**  
Factory Testing Pressure  
300kpa / 44psi (3.0bar)

**建议滤料规格**  
Size of Gravel  
0.5mm ~ 0.8mm (sand)



DSL-JP-EF350~DSL-JP-EF700

- 安装方便快捷。
- 砂缸和水泵的规格匹配恰当。
- 水泵的超大过滤篮延长使用寿命。
- 配备易安装拆卸的活接。
- 一体化设计的安全底座
- 经济型4位阀适用于14" ~28" 顶出砂缸。
- Fast and easy to install .
- Specifically sized filter and pump combination.
- Large pump strainer basket to extend service periods.
- Union connections for quick installation and servicing.
- Unified pump/filter base for secure system installation.
- Enconomic 4-way valve suitable for 14" ~28" top mount filters.

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m³/h)	过滤面积 Filter Area (m²)	出入口口径 Inlet&outlet	所需砂重 Sand Weight (kg)
DSL-JP-EB350	350	745	5	0.10	1.5 "/50	25
DSL-JP-EB400	400	770	6	0.13	1.5 "/50	30
DSL-JP-EB450	450	815	8	0.16	1.5 "/50	45
DSL-JP-EB500	530	860	10	0.20	1.5 "/50	85
DSL-JP-EB650	630	960	15	0.32	1.5 "/50	150
DSL-JP-EB700	700	1030	19	0.38	1.5 "/50	200

型号 Model	DSL-JP-EB350	DSL-JP-EB400	DSL-JP-EB450	DSL-JP-EB500	DSL-JP-EB650	DSL-JP-EB700
ØD(mm)	350	400	450	530	630	700
H(mm)	745	770	815	860	960	1030
A(mm)	485	510	555	600	700	770
P(mm)	575	575	710	710	770	870
T(mm)	150	160	220	260	370	450

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m³/h)	过滤面积 Filter Area (m²)	出入口口径 Inlet&outlet	所需砂重 Sand Weight (kg)
DSL-JP-EF350	350	645	5	0.10	1.5 "/50	25
DSL-JP-EF400	400	670	6	0.13	1.5 "/50	30
DSL-JP-EF450	450	715	8	0.16	1.5 "/50	45
DSL-JP-EF500	530	760	10	0.20	1.5 "/50	85
DSL-JP-EF650	630	860	15	0.32	1.5 "/50	150
DSL-JP-EF700	700	930	19	0.38	1.5 "/50	200

型号 Model	DSL-JP-EF350	DSL-JP-EF400	DSL-JP-EF450	DSL-JP-EF500	DSL-JP-EF650	DSL-JP-EF700
ØD(mm)	350	400	450	530	630	700
H(mm)	645	670	715	760	860	930
A(mm)	485	510	555	600	700	770
B(mm)	73	73	75	75	95	95
M(mm)	565	570	615	660	760	830
ØP(mm)	575	575	710	710	770	870
T(mm)	150	160	220	260	370	450

# 纤维胶缸连泵过滤系统

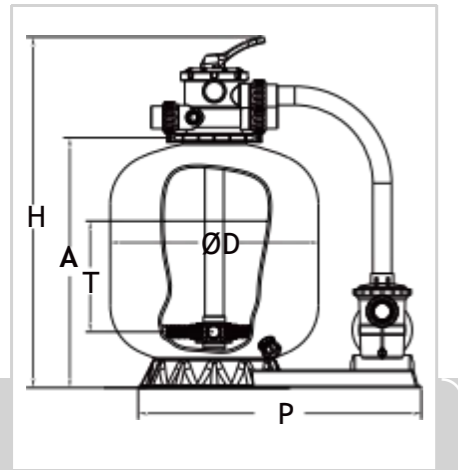
## FIBERGLASS WITH PLASTIC FILTER SYSTEM

**最大工作压力**  
Maximum Working Pressure  
250kpa / 36psi (2.5bar)

**最高承受温度**  
Maximum Temperature  
50 °C( 122F)

**最大测试压力**  
Factory Testing Pressure  
400kpa / 58psi (4.0bar)

**建议滤料规格**  
Size of Gravel  
0.5mm ~ 0.8mm (sand)



DSL-GFJP-EB350~DSL-GFJP-EB700

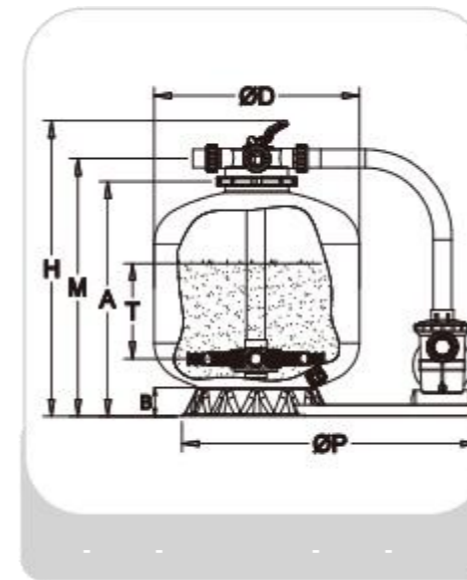
- 安装方便快捷。
- 砂缸和水泵的规格匹配恰当。
- 水泵的毛发收集篮延长使用寿命。
- 配备易安装拆卸的活接。
- 一体化设计的安全底座。
- Fast and easy to install .
- Specifically sized filter and pump combination.
- Large pump strainer basket to extend service periods.
- Union connections for quick installation and servicing.
- Integrated design safety base.

**最大工作压力**  
Maximum Working Pressure  
250kpa / 36psi (2.5bar)

**最高承受温度**  
Maximum Temperature  
50 °C( 122F)

**最大测试压力**  
Factory Testing Pressure  
400kpa / 58psi (4.0bar)

**建议滤料规格**  
Size of Gravel  
0.5mm ~ 0.8mm (sand)



- 安装方便快捷。
- 砂缸和水泵的规格匹配恰当。
- 水泵的毛发收集篮延长使用寿命。
- 配备易安装拆卸的活接。
- 一体化设计的安全底座。
- 经济型4位阀适用于14" ~28" 顶出砂缸。
- Fast and easy set-up, ready to install .
- Specifically sized filter and pump combination.
- The hair collecting basket of the water pump prolongs the service life
- Union connections for quick installation and servicing.
- Integrated design safety base.
- Enconomic 4-way valve suitable for 14" ~28" top mount filters.

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m³/h)	过滤面积 Filter Area (m²)	出入口口径 Inlet&outlet	所需砂重 Sand Weight (kg)
DSL-GFJP-EB350	350	745	5	0.10	1.5"/50	25
DSL-GFJP-EB400	400	770	6	0.13	1.5"/50	30
DSL-GFJP-EB450	450	815	8	0.16	1.5"/50	45
DSL-GFJP-EB500	530	860	10	0.20	1.5"/50	85
DSL-GFJP-EB650	630	960	15	0.32	1.5"/50	150
DSL-GFJP-EB700	700	1030	19	0.38	1.5"/50	200

型号 Model	DSL-GFJP-EB350	DSL-GFJP-EB400	DSL-GFJP-EB450	DSL-GFJP-EB500	DSL-GFJP-EB650	DSL-GFJP-EB700
ØD(mm)	350	400	450	530	630	700
H(mm)	745	770	815	860	960	1030
A(mm)	485	510	555	600	700	770
P(mm)	575	575	710	710	770	870
T(mm)	150	160	220	260	370	450

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m³/h)	过滤面积 Filter Area (m²)	出入口口径 Inlet&outlet	所需砂重 Sand Weight (kg)
DSL-GFJP-EF350	350	645	5	0.10	1.5"/50	25
DSL-GFJP-EF400	400	670	6	0.13	1.5"/50	30
DSL-GFJP-EF450	450	715	8	0.16	1.5"/50	45
DSL-GFJP-EF500	530	760	10	0.20	1.5"/50	85
DSL-GFJP-EF650	630	860	15	0.32	1.5"/50	150
DSL-GFJP-EF700	700	930	19	0.38	1.5"/50	200

型号 Model	DSL-GFJP-EF350	DSL-GFJP-EF400	DSL-GFJP-EF450	DSL-GFJP-EF500	DSL-GFJP-EF650	DSL-GFJP-EF700
ØD(mm)	350	400	450	530	630	700
H(mm)	645	670	715	760	860	930
A(mm)	485	510	555	600	700	770
B(mm)	73	73	75	75	95	95
M(mm)	565	570	615	660	760	830
ØP(mm)	575	575	710	710	770	870
T(mm)	150	160	220	260	370	450

# 纤维胶缸连泵过滤系统

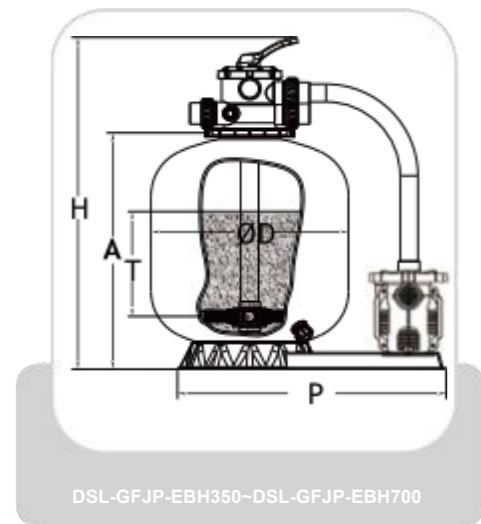
## FIBERGLASS WITH PLASTIC FILTER SYSTEM

**最大工作压力**  
Maximum Working Pressure  
250kpa / 36psi (2.5bar)

**最高承受温度**  
Maximum Temperature  
50 °C( 122F )

**最大测试压力**  
Factory Testing Pressure  
400kpa / 58psi (4.0bar)

**建议滤料规格**  
Size of Gravel  
0.5mm ~ 0.8mm (sand)



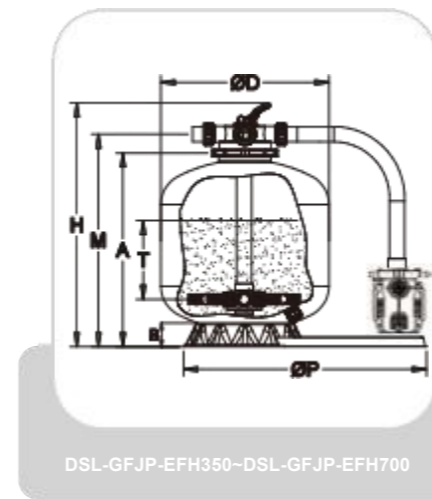
- 安装方便快捷。
- 砂缸和水泵的规格匹配恰当。
- 水泵的毛发收集篮延长使用寿命。
- 配备易安装拆卸的活接。
- 一体化设计的安全底座。
- Fast and easy to install .
- Specifically sized filter and pump combination.
- Large pump strainer basket to extend service periods.
- Union connections for quick installation and servicing.
- Integrated design safety base.

**最大工作压力**  
Maximum Working Pressure  
250kpa / 36psi (2.5bar)

**最高承受温度**  
Maximum Temperature  
50 °C( 122F )

**最大测试压力**  
Factory Testing Pressure  
400kpa / 58psi (4.0bar)

**建议滤料规格**  
Size of Gravel  
0.5mm ~ 0.8mm (sand)



- 安装方便快捷。
- 砂缸和水泵的规格匹配恰当。
- 水泵的毛发收集篮延长使用寿命。
- 配备易安装拆卸的活接。
- 一体化设计的安全底座。
- 经济型4位阀适用于14" ~28" 顶出砂缸。
- Fast and easy set-up, ready to install .
- Specifically sized filter and pump combination.
- The hair collecting basket of the water pump prolongs the service life
- Union connections for quick installation and servicing.
- Integrated design safety base.
- Economic 4-way valve suitable for 14" ~28" top mount filters.

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m³/h)	过滤面积 Filter Area (m²)	出入口口径 Inlet&outlet	所需砂重 Sand Weight (kg)
DSL-GFJP-EBH350	350	745	5	0.10	1.5"/50	25
DSL-GFJP-EBH400	400	770	6	0.13	1.5"/50	30
DSL-GFJP-EBH450	450	815	8	0.16	1.5"/50	45
DSL-GFJP-EBH500	530	860	10	0.22	1.5"/50	85
DSL-GFJP-EBH650	630	960	15	0.32	1.5"/50	150
DSL-GFJP-EBH700	700	1030	19	0.38	1.5"/50	200

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m³/h)	过滤面积 Filter Area (m²)	出入口口径 Inlet&outlet	所需砂重 Sand Weight (kg)
DSL-GFJP-EFH350	350	645	5	0.10	1.5"/50	25
DSL-GFJP-EFH400	400	670	6	0.13	1.5"/50	30
DSL-GFJP-EFH450	450	715	8	0.16	1.5"/50	45
DSL-GFJP-EFH500	530	760	10	0.22	1.5"/50	85
DSL-GFJP-EFH650	630	860	15	0.32	1.5"/50	150
DSL-GFJP-EFH700	700	930	19	0.38	1.5"/50	200

型号 Model	DSL-GFJP-EBH350	DSL-GFJP-EBH400	DSL-GFJP-EBH450	DSL-GFJP-EBH500	DSL-GFJP-EBH650	DSL-GFJP-EBH700
ØD(mm)	350	400	450	530	630	700
H(mm)	745	770	815	860	960	1030
A(mm)	485	510	555	600	700	770
P(mm)	575	575	710	710	770	870
T(mm)	150	160	220	260	370	450

型号 Model	DSL-GFJP-EFH350	DSL-GFJP-EFH400	DSL-GFJP-EFH450	DSL-GFJP-EFH500	DSL-GFJP-EFH650	DSL-GFJP-EFH700
ØD(mm)	350	400	450	530	630	700
H(mm)	645	670	715	760	860	930
A(mm)	485	510	555	600	700	770
B(mm)	73	73	75	75	95	95
M(mm)	545	570	615	660	760	830
ØP(mm)	320	320	390	390	565	565
T(mm)	150	160	220	260	370	450

# 纤维砂缸连泵过滤系统

## FIBERGLASS SAND FILTER SYSTEM

**最大工作压力**  
Maximum Working Pressure  
250kpa / 36psi (2.5bar)

**最高承受温度**  
Maximum Temperature  
50 °C( 122F )

**最大测试压力**  
Factory Testing Pressure  
400kpa / 58psi (4.0bar)

**建议滤料规格**  
Size of Gravel  
0.5mm ~ 0.8mm (sand)

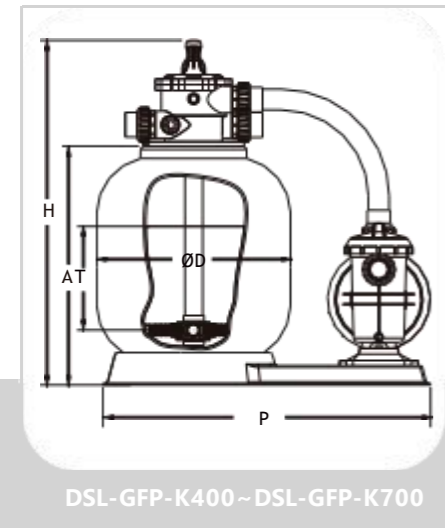


**最大工作压力**  
Maximum Working Pressure  
250kpa / 36psi (2.5bar)

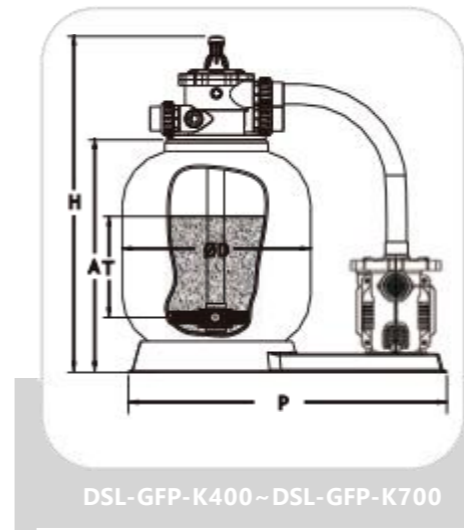
**最高承受温度**  
Maximum Temperature  
50 °C( 122F )

**最大测试压力**  
Factory Testing Pressure  
400kpa / 58psi (4.0bar)

**建议滤料规格**  
Size of Gravel  
0.5mm ~ 0.8mm (sand)



- 安装方便快捷。
- 砂缸和水泵的规格匹配恰当。
- 水泵的超大过滤篮延长使用寿命。
- 配备易安装拆卸的活接。
- 一体化设计的安全底座。
- Fast and easy to install .
- Specifically sized filter and pump combination.
- Large pump strainer basket to extend service periods.
- Union connections for quick installation and servicing.
- Unified pump/filter base for secure system installation.



- 安装方便快捷。
- 砂缸和水泵的规格匹配恰当。
- 水泵的超大过滤篮延长使用寿命。
- 配备易安装拆卸的活接。
- 一体化设计的安全底座。
- Fast and easy to install .
- Specifically sized filter and pump combination.
- Large pump strainer basket to extend service periods.
- Union connections for quick installation and servicing.
- Unified pump/filter base for secure system installation.

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m <sup>3</sup> /h)	过滤面积 Filter Area (m <sup>2</sup> )	入水口径 Inlet&outlet	所需砂重 Sand Weight (kg)
DSL-GFP-K400	400	750	6	0.13	1.5 "/50	30
DSL-GFP-K450	450	810	8	0.16	1.5 "/50	45
DSL-GFP-K500	530	870	10	0.20	1.5 "/50	80
DSL-GFP-K650	630	870	15	0.32	1.5 "/50	130
DSL-GFP-K700	700	960	19	0.38	1.5 "/50	190

型号 Model	砂缸直径 Filter Diameter (mm)	砂缸高度 Filter Height (mm)	设计流量 Design Flow (m <sup>3</sup> /h)	过滤面积 Filter Area (m <sup>2</sup> )	入水口径 Inlet&outlet	所需砂重 Sand Weight (kg)
DSL-GFP-KH400	400	750	6	0.13	1.5 "/50	30
DSL-GFP-KH450	450	810	8	0.16	1.5 "/50	45
DSL-GFP-KH500	530	870	10	0.20	1.5 "/50	80
DSL-GFP-KH650	630	870	15	0.32	1.5 "/50	130
DSL-GFP-KH700	700	960	19	0.38	1.5 "/50	190

型号 Model	DSL-GFP-K400	DSL-GFP-K450	DSL-GFP-K500	DSL-GFP-K650	DSL-GFP-K700
ØD(mm)	400	450	530	630	700
H(mm)	750	810	870	890	960
A(mm)	500	560	620	640	710
P(mm)	575	710	710	770	870
T(mm)	160	230	260	300	400

型号 Model	DSL-GFP-KH400	DSL-GFP-KH450	DSL-GFP-KH500	DSL-GFP-KH650	DSL-GFP-KH700
ØD(mm)	400	450	530	630	700
H(mm)	750	810	870	890	960
A(mm)	500	560	620	640	710
P(mm)	575	710	710	770	870
T(mm)	160	230	260	300	400

# 过滤介质

## Filter medium



作为35年的研发成果，AFM®（活性过滤介质）可作为砂的替代品，适用于所有类型的砂缸中，无需改装。

AFM®由绿色和棕色玻璃制成，采用独特的活化工艺处理进行自消毒，获得卓越的机械和静电过滤性能。

Result of 35 years of Reseach & Development, AFM® (Activated Filter Media) is a direct replacement for sand that can be installed in all types of sand filters without modifications.

Manufactured from green and brown glass, AFM® is exposed to a unique activation process to become self-sterilizing and acquire superior mechanical & electro-static filtration performance.

# AFM®活性过滤介质

## AFM® ACTIVATED FILTER MEDIA



可直接替代石英砂,使用寿命超过10年  
It can directly replace quartz sand and has a service life of more than 10 years



### 独特的优点

- **最安全的水:** 防止病原体的传播(类似加了密码锁)
- **最清澈的水:** 提供稳定的1微米过滤精度
- **最健康的空气:** 防止消毒副产物和氯味的形成
- **最低的运营成本:** 节省反冲洗水和化学药品
- **最可持续的过滤:** 比所有其他过滤介质更持久

### Performance Curves

- The safest water : Prevents the transmission of pathogens (E.g. Crypto)
- The clearest water : Offers a stable 1 micron filtration rate.
- The healthiest air : Prevents the formation of DBPs and chlorine smells.
- The lowest operating costs : Saves backwash water and chemicals.
- The most sustainable filtration : Outlasts all other filter media.

规格 Specifications	类型 Type	粒径 Particle Size	过滤精度 Filtering Accuracy	功能 Functions	包装规格 Packing Specification
0	AFM®	0.25-0.5mm	1µm(97%)	超精细过滤层 Hyperfine Filter Layer	25KG/袋 (Bag)
1	AFM®/ng	0.4-0.8mm	1µm(95%)	主过滤层 Main Filter Layer	25KG/袋 (Bag)
2	AFM®/ng	0.7-2.0mm	5µm	垫层及过滤层 Cushion and Filter Layer	25KG/袋 (Bag)
3	AFM®	2.0-4.0mm	-	垫层 Cushion	25KG/袋 (Bag)

### 强大功能

AFM®ng经过新的活化过程,以增加其表面积并使其疏水(非极性)。Dryden Aqua开发了AFM®ng来去除水中的有机油脂、微塑料、软水水处理应用,并且显著减少絮凝剂的用量。

### Powerful Function

AFM®ng undergoes a new activation process to increase its surface area and make it hydrophobic (non-polar). Dryden Aqua has developed AFM®ng for the removal of organic oils, micro-plastics, and soft water treatment applications from water, while significantly reducing the use of coagulants.



- 自表面消毒** Self-sterilizing surface  
可抑制细菌生长, 杜绝板结现象 resistant to bacterial growth
- 增加表面积** Increased surface area for  
提高过滤性能, 过滤精度可达1µm superior filtration properties
- 活性表面电荷** Activated surface charge for  
用于吸附微粒和有机物 the adsorption of fine particles and organic matters



- AFM® 0号** 是用于超精细过滤的型号, 它可以在过滤1µm颗粒物时提供高达98%的去除率, 并且不需要投加任何混凝/絮凝剂。
- AFM® 1号** 是主要的过滤型号。AFM® ng可以去除95%左右的1µm粒径的颗粒污染物。如加上混凝和絮凝, 则过滤性能可进一步提升至亚微米级别。
- AFM® 2号** 被用作支撑层。AFM®ng 2号则既可用于支撑, 又可以被用于过滤, 其过滤精度可达5µm。
- AFM® 3号** 是用于覆盖过滤器底部管式布水器并保证过滤器在过滤时和反洗时拥有合理的水流水力分布的支撑层。

- AFM® No.0** is a model used for ultrafine filtration, which can provide a removal rate of up to 98% when filtering 1 µm particles, and does not require the addition of any coagulation/flocculation agents.
- AFM® No.1** is the main filtration model. AFM®ng can remove approximately 95% of particle pollutants with a size of 1 µm. If coagulation and flocculation are added, the filtration performance can be further improved to the submicron level.
- AFM® No.2** is used as a support layer. AFM®ng No.2 can be used for both support and filtration, with a filtration accuracy of up to 5 µm.
- AFM® No.3** is a support layer used to cover the bottom tubular water distributor of the filter and ensure that the filter has a reasonable hydraulic distribution of water flow during filtration and backwashing.

### 砂缸-装AFM®滤料量 (25KG/包)

Sand Cylinder-AFM® Filter Material Capacity (25KG/ Pack)

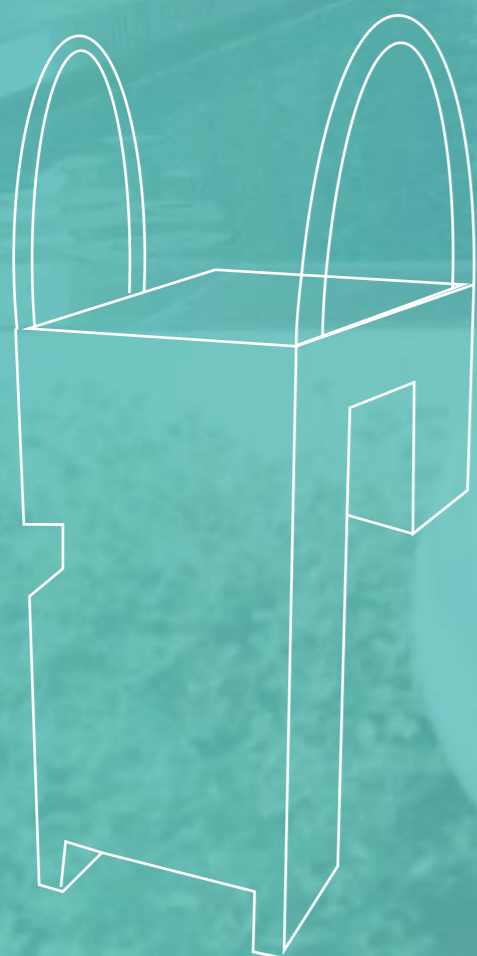
砂缸尺寸 Size of Sand Cylinder	单台砂缸 过滤面积 (m²) Filter Area of Single Sand Cylinder	滤料层 厚度 (m) Thickness of Filter Layer	对应AFM®滤料 量 (KG) Corresponding AFM® Filter Material	包 Pack (25KG/包)	AFMng 1# [0.4-0.8mm]	AFMng 2# [0.7-2.0mm]	AFM 3# [2.0-4.0mm]
Φ600	0.28	0.40	150	6	50% (3包)	50% (3包)	0%
Φ700	0.38	0.40	200	8	50% (4包)	50% (4包)	0%
Φ800	0.50	0.40	300	12	50% (6包)	50% (6包)	0%
Φ900	0.64	0.40	350	14	50% (7包)	50% (7包)	0%
Φ1000	0.79	0.40	400	16	50% (8包)	25% (4包)	25% (4包)
Φ1200	1.13	0.70	1,000	40	50% (20包)	25% (10包)	25% (10包)
Φ1400	1.54	0.70	1,400	56	50% (28包)	25% (14包)	25% (14包)
Φ1600	2.01	0.70	1,800	72	50% (36包)	25% (18包)	25% (18包)
Φ1800	2.54	0.70	2,300	92	50% (46包)	25% (23包)	25% (23包)
Φ2000	3.14	0.70	2,800	112	50% (56包)	25% (28包)	25% (28包)
Φ2200	3.80	0.70	3,400	136	50% (68包)	25% (34包)	25% (34包)
Φ2300	4.15	0.70	3,700	148	50% (74包)	25% (37包)	25% (37包)
Φ2400	4.52	0.70	4,000	160	50% (80包)	25% (40包)	25% (40包)
Φ2500	4.91	0.70	4,300	172	50% (86包)	25% (43包)	25% (43包)
Φ2600	5.31	0.70	4,700	188	50% (94包)	25% (47包)	25% (47包)

备注: 滤料层厚度请按照实际项目进行调整。

Note: Please adjust the thickness of filter layer according to the actual project.

# 一体化过滤设备

Integrated filtration  
equipment



# 一体化壁挂式膜过滤器

## INTEGRATED MOUNTED MEMBRANE FILTER



型号 Model	功率Power (KW)	流量Flow rate (m <sup>3</sup> /h)
R11	0.75	11
F15	0.75	15
F22	1.5	25
F15/50	0.55/2.2	15/50

### 特点

- 安装快捷、操作简单,可靠且经济;
- 无管道、无机房,避免了泳池常见的管道漏水问题;
- 界面进水技术,确保表面漂浮物被过滤;
- 箱体使用抗腐蚀材料制作,经久耐用;
- 设备维护简单,且无噪音。可自动开机、关机,普通人员只需简单培训即可上岗操作,无需专业技术人员打理;
- 内置高亮节能水下灯;
- 运行费用低;
- 自带扶梯功能,泳池可免装扶梯;
- 过滤净度高达 6-15 微米;
- 易于维护,特殊的过滤袋清洁方式,只需使用喷水笼头直接冲洗即可。

### Performance:

- Easy to install, easy to operate, reliable and economical.
- No pipe, and machine room, therefore common pipeline leakage problems is avoided.
- Interface inlet technology to ensure floating object is filtered.
- The filter body is made of corrosion resistant material and is durable.
- The equipment is easy to maintain and noise-free. The equipment can be automatically switched on and off, and the ordinary personnel can do the job only with simple training.
- Built in energy saving underwater lamp.
- Low operating cost.
- The equipment is with ladder, so no ladder installation is needed.
- Filter clarity up to 6-15 microns.
- Easy maintenance, special filter bag cleaning way special: rinse with tap water.

# 一体化嵌入式过滤器

## INTEGRATED EMBEDDED MEMBRANE FILTER



型号 Model	功率Power (KW)	流量Flow rate (m <sup>3</sup> /h)
IF15	0.75	15
IF22	1.5	25
IF15/50	0.75/2.2	15/50

### 特点

- 安装快捷、操作简单,可靠且经济;
- 设备安装完后与泳池融为一体,美观大方;
- 无管道、无机房,避免了泳池常见的管道漏水问题;
- 界面进水技术,确保表面漂浮物被过滤;
- 箱体使用抗腐蚀材料制作,经久耐用;
- 设备维护简单,且无噪音。可自动开机、关机,普通人员只需简单培训即可上岗操作,无需专业技术人员打理;
- 内置 LED 高亮节能水下灯;
- 可增加一体化电加热器或者盐水制氯机其中一个设备;运行费用低;
- 过滤净度高达 6-15 微米;
- 易于维护,特殊的过滤袋清洁方式,只需使用喷水笼头直接冲洗即可。

### Performance:

- Easy to install, easy to operate, reliable and economical.
- The equipment can perfectly integrate in the pool body, which makes the whole pool looks more elegant.
- No pipe, and machine room, therefore common pipeline leakage problems is avoided.
- Interface inlet technology to ensure floating object is filtered.
- The filter body is made of corrosion resistant material and is durable.
- The equipment is easy to maintain and noise-free. The equipment can be automatically switched on and off, and the ordinary personnel can do the job only with simple training.
- Built-in energy saving underwater lamp. Either integrated electrical heater or saline chlorination machine can be added in.
- Low operating cost.
- Filter clarity up to 6-15 microns.
- Easy maintenance, special filter bag cleaning way special: rinse with tap water.



# 一体化分离式膜过滤器

## INTEGRATED SEPARATED MEMBRANE FILTER



型号 Model	功率Power (KW)	流量Flow rate (m <sup>3</sup> /h)
PF15	0.75	11
PF22	1.5	15
PF15/50	0.75/2.2	15/50

### 特点

- 设备箱与过滤箱分离式安装,其中设备箱可远距离安装;
- 设备安装完后与泳池融为一体,美观大方;
- 无管道、无机房,避免了泳池常见的管道漏水问题;
- 界面进水技术,确保表面漂浮物被过滤;
- 箱体使用抗腐蚀材料制作,经久耐用;
- 设备维护简单,且无噪音。可自动开机、关机,普通人员只需简单培训即可上岗操作,无需专业技术人员打理;
- 内置 LED 高亮节能水下灯;
- 运行费用低;
- 过滤净度高达 6-15 微米;
- 易于维护,特殊的过滤袋清洁方式,只需使用喷水笼头直接冲洗即可。

### Performance:

- The equipment box and filtration box is separated. The equipment box can be installed far away.
- The equipment can perfectly integrate in the pool body, which makes the whole pool looks more elegant.
- No pipe, and machine room, therefore common pipeline leakage problems is avoided.
- Interface inlet technology to ensure floating object is filtered.
- The filter body is made of corrosion resistant material and is durable.
- The equipment is easy to maintain and noise-free. The equipment can be automatically switched on and off, and the ordinary personnel can do the job only with simple training.
- Built in energy saving underwater lamp.
- Low operating cost.
- Filter clarity up to 6-15 microns.
- Easy maintenance, special filter bag cleaning way special: rinse with tap water.

# 一体化地埋式过滤器

## INTEGRATED BURIED FILTER



### 特点

- 一体化地埋式过滤器以专业、精简、实用的设计替代高投入的机房设计。
- 设备的箱体采用玻璃纤维增强塑胶制成,坚固耐用,具有抗震防压、防腐蚀、耐酸硷等特点。
- 采用优质的泳池水泵以及过滤设备,整个一体化系统遵从传统的砂缸过滤方式,确保泳池水质彻底过滤乾淨。
- 系统内的设备可根据不同类型的池体,池水特性来选择。
- 运行、维护方便,无需专人管理,只需适时地对设备进行维护和保养。

### Performance:

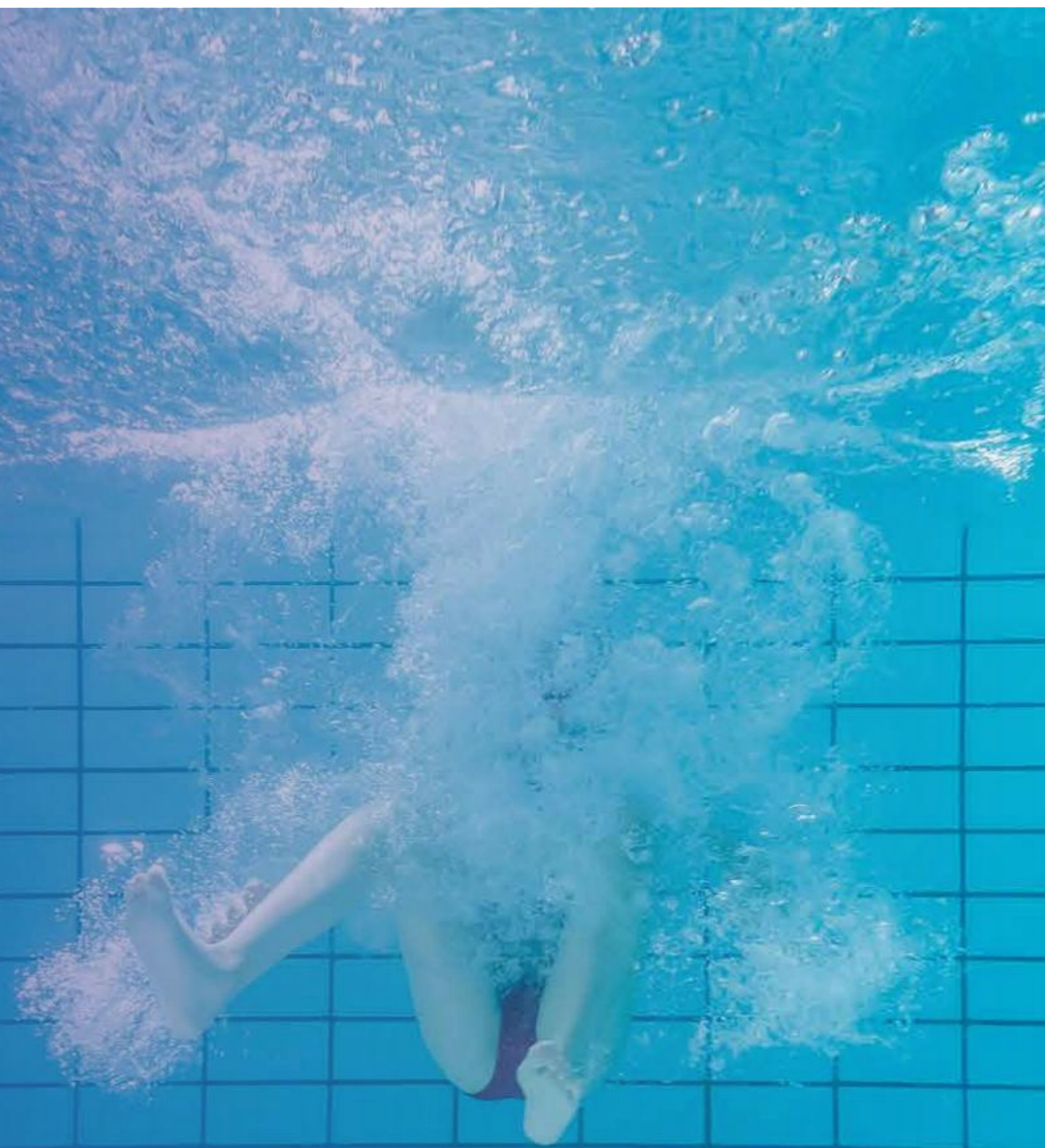
- With its professional, simple and practical design, we recommend the Under Ground Integrative Equipment instead of the expensive machine room.
- The enclosure of the equipment is made by fiber glass enhanced plastic, durable and antiknock, anticorrosion, antacid and so on.
- Use superior pump and filtration system, comply with traditional sand cycle filtration, which make sure the water is totally clean.
- Selection of the equipment components can be customized to your pool style and your special requirement.
- Convenient operation and maintenance, none professional staff for maintenance, only requirement is to service and maintenance timely.

型号 Model	产品描述 Product description	功率 Power (KW)	接管 尺寸 Take over size	水口距地面高度 Height of water outlet from ground H1 (mm)	箱体规格 Case specification L×W×H(mm)	箱体重量 Box weight (Kg)	流量 Flow (m <sup>3</sup> /h)
RS-UG03-C450	Φ450 玻璃纤维砂缸 & 0.5HP 循环水泵 & 管式投药器 Φ450 Fiberglass Sand Cylinder & 0.5HP Circulating Water Pump & Tubular Medication Dispenser	0.37	De63	870	1320*1210*1180	52	7
RS-UG03-S450	Φ450 玻璃纤维砂缸 & 0.5HP 循环水泵 & 盐水制氯机 Φ450 Fiberglass Sand Cylinder & 0.5HP Circulating Water Pump & Brine Chlorination Machine	0.47	De63	870	1320*1210*1180	52	7
RS-UG03-C600	Φ600 玻璃纤维砂缸 & 1HP 循环水泵 & 管式投药器 Φ600 Fiberglass Sand Cylinder & 1HP Circulating Water Pump & Tubular Medication Dispenser	0.75	De63	870	1320*1210*1180	60	14
RS-UG03-S600	Φ600 玻璃纤维砂缸 & 1HP 循环水泵 & 盐水制氯机 Φ600 Fiberglass Sand Cylinder & 1HP Circulating Water Pump & Brine Chlorination Machine	0.85	De63	870	1320*1210*1180	60	14
RS-UG03-C900	Φ900 玻璃纤维砂缸 & 3HP 循环水泵 & 管式投药器 Φ900 Fiberglass Sand Cylinder & 3HP Circulating Water Pump & Tubular Medication Dispenser	2.2	De63	1270	1450*1605*1550	65	30
RS-UG03-S900	Φ900 玻璃纤维砂缸 & 3HP 循环水泵 & 盐水制氯机 Φ900 Fiberglass Sand Cylinder & 3HP Circulating Water Pump & Brine Chlorination Machine	2.3	De63	1270	1450*1605*1550	65	30



# 消毒系统

Disinfection equipment



# 低压紫外杀菌器

## LOW PRESSURE UV STERILIZER



### 产品特性

- HDPE-UV 系列紫外线消毒设备的腔体由抗腐蚀性材质高密度聚乙烯制成，其特点为：强度高，重量轻，耐老化，耐化学腐蚀，抗冲击，抗紫外线，温度适应范围宽，在 -60 至 +60 摄氏度都能保证物理特性不变，腔体寿命可达 50 年。对于处理腐蚀性化学废水、海水、及恶劣气候条件都有良好的适应性。
- 高输出的紫外线灯管，消毒效果极佳。
- 应用领域：中水回用、工业废水处理、化工行业、海水淡水水产养殖、泳池等。

### Product Features

- The chamber of HDPE-UV Series is made of a noncorrosive high density polyethylene material: which guarantees 50 years life span, high intensity, light in weight, aging resistance, chemical rust resistance, shock resistance, UV resistance and accommodates extensive temperature range from -60c to +60c.
- High output UV lamps guarantee the effective disinfection.
- Applications: The HDPE-UV Series accommodate to reclaimed water's reuse, industry wastewater treatment, chemical industry, seawater and fresh water aquaculture, swimming pool, and severe weather condition.

### 设备优点

- HDPE 腔体使用寿命可达 50 年；  
 组合件安装方便快捷，操作简单，使用安全可靠，维护方便；  
 HDPE 为绝缘材料使用更加安全可靠；  
 根据不同的要求，可选择不同的配置：
- 基本配置
  - 带自动紫外光强检测及系统故障报警功能
  - 带 PLC 系统清洗，故障报警等全自动保护控制；可水平或垂直安装 / 组合安装（取决于对空间，抗震等环境要求）。

### Equipment Advantages

- The service life of HDPE cavity can reach 50 years;  
 The installation of composite components is convenient, fast, easy to operate, safe and reliable to use, and easy to maintain;  
 HDPE is a safer and more reliable insulation material for use;  
 According to different requirements, different configurations can be selected:
- Basic configuration
  - Equipped with automatic UV light intensity detection and system fault alarm function
  - Equipped with PLC system cleaning, fault alarm and other fully automatic protection control; can be installed horizontally or vertically/in combination (depending on environmental requirements such as space and seismic resistance).



### 技术参数表 Technical Parameter Table

型号 Model	参考 额定流量 (T/H) Reference Rated Flow	UV 灯 UV Lamp		灯管 型号 Lamp Model	套管尺寸 (mm) Sleeve Size	进 出水口 尺寸 Inlet/Outlet Port Size (mm)	外形尺寸 Size(mm)
		功率 Power (W)	数量 Lamp QTY				
DSL-UV-L39	2.3	39	1	GPH843T5	23*1.5*910	DN25	920*63*130mm
DSL-UV-L80	4.6	80	2	GPH843T5	23*1.5*910	DN32	920*102*280mm
DSL-UV-L120	8	120	3	GPH843T5	23*1.5*910	DN50	920*159*380mm
DSL-UV-L160	12	160	4	GPH843T5	23*1.5*910	DN50	920*159*380mm
DSL-UV-L200	15	200	5	GPH843T5	23*1.5*910	DN50	920*159*380mm
DSL-UV-L240	20	240	3	GPH846T5/HO	23*1.5*910	DN65	920*219*420mm
DSL-UV-L320	25	320	4	GPH846T5/HO	23*1.5*910	DN65	920*159*380mm
DSL-UV-L360	30	360	3	GPH1148T5/HO	23*1.5*1300	DN80	1350*159*480mm
DSL-UV-L480	40	480	4	GPH1148T5/HO	23*1.5*1300	DN100	1350*159*480mm
DSL-UV-L600	50	600	5	GPH1148T5/HO	23*1.5*1300	DN125	1350*219*480mm
DSL-UV-L720	60	720	6	GPH1148T5/HO	23*1.5*1300	DN125	1350*219*480mm
DSL-UV-L960	80	960	6	GPH1554T5/HO	23*1.5*1610	DN150	1650*219*480mm
DSL-UV-L1050	90	1050	7	GPH1554T5/HO	23*1.5*1610	DN150	1650*219*480mm
DSL-UV-L1200	100	1200	8	GPH1554T5/HO	23*1.5*1610	DN150	1650*273*480mm
DSL-UV-L1800	150	1800	12	GPH1554T5/HO	23*1.5*1610	DN200	1650*273*480mm
DSL-UV-L2400	200	2400	14	GPH1554T6/HO	23*1.5*1610	DN200	1650*325*525mm
DSL-UV-L3200	250	3200	10	GPH1554T6/HO	28*1.5*1610	DN250	1630*380*580mm
DSL-UV-L3600	300	3600	12	GPH1554T6/HO	28*1.5*1610	DN250	1630*400*600mm
DSL-UV-L4800	400	4800	16	GPH1554T6I/HO	28*1.5*1610	DN300	1630*550*750mm
DSL-UV-L6000	500	6000	20	GPH1554T6I/HO	28*1.5*1610	DN300	1630*650*850mm

#### 备注:

双端压盖、带视镜及排污阀、不锈钢底座式、单独电控柜、（含有镇流器、灯管指示、累时器、电压表、控制开关）另设计有半自动、全自动、清洗型过流式紫外杀菌设备。

#### Remarks:

Double end gland, with mirror and drain valve, stainless steel base type, separate electrical control cabinet (including ballast, lamp indicator, timer, voltmeter, control switch), also designed with semi-automatic, fully automatic, cleaning type overcurrent ultraviolet sterilization equipment.

# 中压紫外杀菌器

## MEDIUM PRESSURE UV STERILIZER



### 电控

- 碳钢或SS304 不锈钢外壳
- 系统工作状态显示
- 系统故障报警
- 灯管累积工作时间显示
- 工作电压指示
- 系统过热保护
- 腔体内水温在线监测
- 光强参数显示
- 灯管寿命报警
- 流量统计
- 排气、排空状态显示

### Electronic Control

- Carbon steel or SS304 stainless steel shell
- System working status display
- System malfunction alarm
- Accumulated working time display of lamp tube
- Working voltage chamber
- System overheat protection
- Online monitoring of water temperature inside the chamber
- Light intensity parameter display
- Lamp lifespan alarm
- Traffic statistics
- Exhaust and emptying status display



### 腔体

- 316 或304 不锈钢
- 石英玻璃管
- 中压紫外线灯管
- 工作压力：10-16Bar
- 连接方式：法兰
- 自动清洗（可选）
- 远程控制（可选）

### Cavity

- 316 or 304 stainless steel
- Quartz glass tube
- Medium voltage ultraviolet lamp tube
- Work pressure: 10-16 Bar
- Connection method: flange
- Automatic cleaning (optional)
- Remote control (optional)



### 产品优势

#### Advantages

灯管功率高，处理量大，杀菌效率高。

200nm-400nm 多谱段连续的紫外光谱输出。

占地面积小，操作简单。

采用优质的中压紫外线灯管及镇流器，使用寿命长。

High power lamp guarantees a large treatment capacity and high sterilization efficiency;

Multispectral and continuous UV spectrum output of 200nm-400nm;

Small area consumption and simple operation;

UV lamp of medium pressure and ballast in high quality can prolong the service life.



### 316L中压不锈钢紫外线杀菌器参数表

#### Parameter Table of 316L Medium Pressure Stainless Steel UV Sterilizer

型号 Model	额定流量 Flow Rate (T/H)	UV灯 UV Lamp		进出水口尺寸 Inlet/Outlet Port Size(mm)	PLC触摸屏 PLC Touch Screen	UV强度监测仪 UV Intensity Monitor	温度保护 Temperature Protection
		功率 Power (kW)	数量 Lamp QTY				
DSL-UV-M1000	10-20T	1	1	600*360*400mm, DN65	有 ✓	有 ✓	有 ✓
DSL-UV-M1000	35	1	1	600*360*400mm, DN80	有 ✓	有 ✓	有 ✓
DSL-UV-M2000	50-60T	2	1	700*420*450mm, DN100	有 ✓	有 ✓	有 ✓
DSL-UV-M3000	80-100T	3	1	800*420*450mm, DN150	有 ✓	有 ✓	有 ✓
DSL-UV-M4000	150	4	2	700*450*450mm, DN200	有 ✓	有 ✓	有 ✓
DSL-UV-M6000	200-230T	6	2	800*420*450mm, DN200	有 ✓	有 ✓	有 ✓
DSL-UV-M6000	345	6	2	800*500*550mm, DN250	有 ✓	有 ✓	有 ✓
DSL-UV-M9000	500	9	3	800*550*600mm, DN300	有 ✓	有 ✓	有 ✓
DSL-UV-M12000	600	12	4	800*600*650mm, DN350	有 ✓	有 ✓	有 ✓
DSL-UV-M15000	850	15	5	800*600*650mm, DN350	有 ✓	有 ✓	有 ✓
DSL-UV-M15000	1000	15	5	800*700*700mm, DN400	有 ✓	有 ✓	有 ✓
DSL-UV-M18000	1500	18	6	800*700*750mm, DN400	有 ✓	有 ✓	有 ✓

#### 备注:

以上型号都配备有：PLC触摸屏、UV强度检测仪、以及温度保护。

Remarks:

The above models are equipped with PLC touch screens, UV intensity detectors, and temperature protection.

# 监投控水质管理一体机

## WATER QUALITY MANAGEMENT MACHINE



### 让消毒剂不再伤害运营者与游泳者

智能监投控水质管理一体机是一套以在线自动监控为核心，运用现代传感器技术，自动测量技术，自动控制技术，计算机应用技术以及相关的专用分析软件和通讯网络所组成的一个综合性的在线自动监测和控制系统。

### Keep the disinfectant from harming operators and swimmers

The intelligent monitoring and water quality management integrated machine is a comprehensive online automatic monitoring and control system, which is composed of online automatic monitoring, automatic measurement, automatic control, computer application technology, and related specialized analysis software and communication networks, using modern sensor technology and automatic measurement technology.



### 技术参数 Technical Parameter

型号 Model	SWPMC-20	SWPMC-10	SWPMC-5
产品尺寸 L*W*H (mm) Product Size	1062X495X1430	942X475X1215	815X465X1100
适用泳池大小 (推荐) Suitable Pool Size (Recommended)	标池	半标池	小泳池
一次最大投加量 (Kg) Maximum Dosage at One Time	20	10	5
投药桶的容量 (L) The Capacity of the Medicine Bucket	80	50	25
用电功率 (KW) Electric Power Consumption	0.4	0.4	0.4
电压频率 (V/Hz) Voltage Frequency	AC220V,50Hz	AC220V,50Hz	AC220V,50Hz
压力 (Bar) Pressure	3	3	3
重量 (Kg) Weight	140	110	70
外观颜色自定义 Custom Appearance Color			

# 水质监测仪

## WATER QUALITY DETECTOR



**标配五大参数监测**  
Standard with Five Parameters Monitoring

- PH值 (PH Value)
- ORP
- 浊度 (Turbidity)
- 余氯 (Residual Chlorine)
- 水温 (Water Temperature)



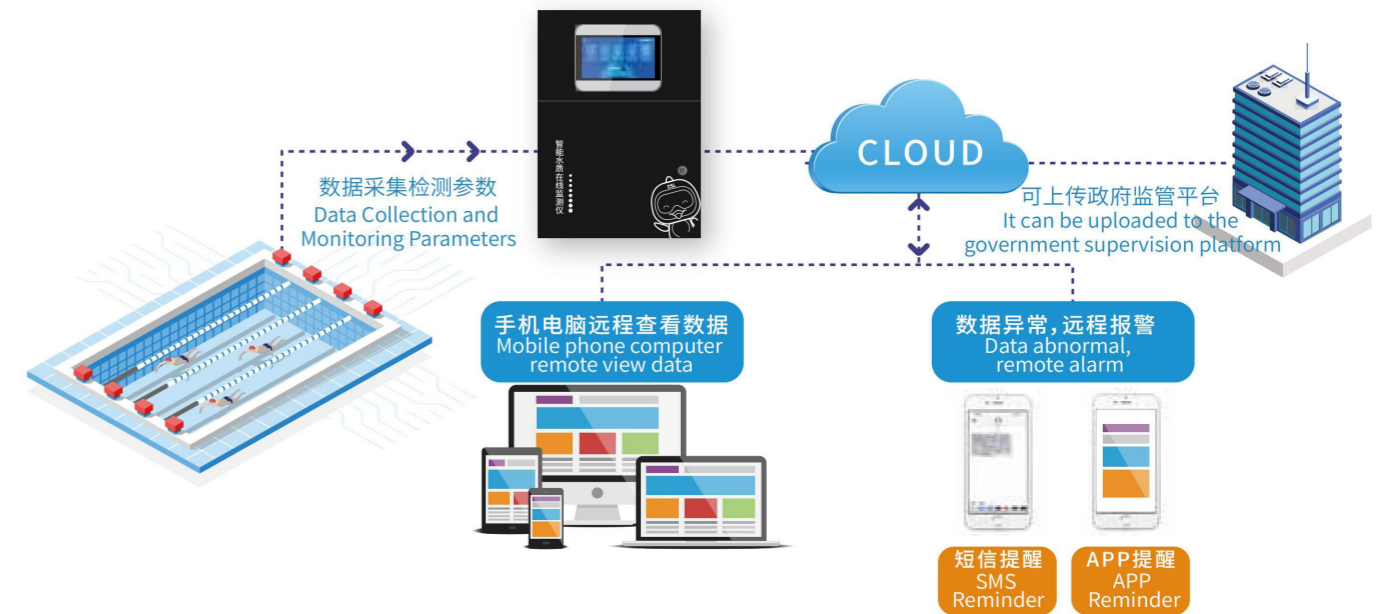
- 物联网数据传输 (IOT Data Transmission)
- 手机远程数据查看 (Mobile Remote Data Viewing)
- 可上传政府监管平台 (It can be uploaded to the government supervision platform)
- 数据异常远程报警 (Remote Alarm for Abnormal Data)

### 10大特点, 售后无忧

专注水质检测解决方案

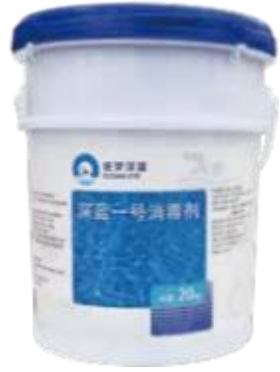
Top 10 Features, Worry Free After-sales Service  
Focusing on Water Quality Monitoring Solutions

- 实时监测 (Real Time Monitoring)
- 测量准确 (Accurate Measurement)
- 手机监控 (Mobile Monitoring)
- 超限报警 (Over Limit Alarm)
- 信号输出 (Signal Output)
- 物联网系统 (IOT)
- 数据储存 (Data Storage)
- IP55防水 (IP55 Waterproof)
- 大屏显示 (Large Screen Display)
- 软件免费升级 (Free Software Upgrade)



# 深蓝1号消毒药剂

## DEEP BLUE 1 DISINFECTANT



特别适用于室内泳池，针对性地解决空气中刺激性气味大，泳池使用时间越久水质越不稳定（主要指余氯、PH、ORP等指标），泳客皮肤痒、起红疹，救生员、教练员呼吸道受刺激，泳池频繁换水，综合运营成本高等问题。

该产品不带有氰尿酸、刺激性化合物，在水中可自然降解无残留。

该产品主要成分 次氯酸钙 Ca(ClO)<sub>2</sub>和专利添加剂， pH值为8接近中性，有效氯含量75%，杀菌能力是三氯异氰尿酸的2~3倍，是传统三氯异氰尿酸、二氯异氰尿酸钠、次氯酸钙、次氯酸钠的升级换代产品。

承诺泳池在正常循环过滤，正常反冲洗套水的前提下，池水中的尿素不超标。

使用方法：用水稀释后手动投加或者用加药泵定量投到泳池中，正常情况下投加量：2~4g/m<sup>3</sup>。

Specially suitable for indoor swimming pools, it addresses issues such as high levels of irritating odors in the air, unstable water quality over time (mainly referring to residual chlorine, pH, ORP, and other indicators), itchy and red rashes on swimmers' skin, respiratory irritation to lifeguards and coaches, frequent water changes in the pool, and high overall operating costs.

This product does not contain cyanuric acid or irritating compounds, and can naturally degrade in water without residue.

The main ingredients of this product are calcium hypochlorite Ca (ClO)<sub>2</sub> and patented additives. The pH value is close to neutral, the effective chlorine content is 75%, and the bactericidal ability is 2-3 times that of trichloroisocyanuric acid. It is an upgraded product of traditional trichloroisocyanuric acid, sodium dichloroisocyanuric acid, calcium hypochlorite, and sodium hypochlorite.

Promise that the urea in the pool water will not exceed the standard under the premise of normal circulation filtration and normal backwashing of the water jacket.

Usage: Dilute with water and manually add or use a dosing pump to quantitatively add to the swimming pool. Under normal circumstances, the dosage should be 2-4 g/m<sup>3</sup>.

# 深蓝2号™消毒药剂

## DARK BLUE NO.2 DISINFECTANT



深蓝2号™消毒药剂是一种强大的多功能消毒产品。它能有效杀灭水中的肠道致病菌、化脓性球菌、常见医院感染菌和致病性酵母菌等各种微生物。尤其在水温超过32°C的情况下，它表现出更稳定、持久的杀菌效果。

因此，该产品主要适用于温泉、浴池、热水池、水育池、理疗池、SPA等高温水池的消毒使用。

Dark Blue No.2™ Disinfectant is a powerful multifunctional disinfectant product. It can effectively kill various microorganisms such as intestinal pathogenic bacteria, pyogenic cocci, common hospital infection bacteria, and pathogenic yeast in water. Especially when the water temperature exceeds 32 °C, it exhibits a more stable and long-lasting bactericidal effect.

Therefore, this product is mainly suitable for disinfection of high-temperature water pools such as hot springs, bathhouses, hot water pools, aquariums, therapy pools, SPA, etc.

### 四大特点 Four Major Characteristics



**无刺激性气味**  
No Irritating Odor

98%以上的成分为溴氯海因，溶解后不会有刺激性气味产生，气味温和，有一种淡淡的草木香味；

More than 98% of the ingredients are bromochlorohydrantoin. After dissolution, there will be no irritating odor produced, and the odor is mild with a faint woody aroma;



**高效杀菌**  
Efficient Sterilization

独特的溴库特性，溴、氯同时杀菌，时期表现出更优的杀菌效果；

Unique bromine storage characteristics, simultaneous sterilization of bromine and chlorine, exhibiting better sterilization effects during the period;



**安全环保**  
Safety and Environmental Protection

本产品可以自然环境下分解，无残留，不会造成环境污染，同时，使用浓度要求较低，对皮肤基本无刺激，使用更安全；

This product can decompose naturally without residue, and will not cause environmental pollution. At the same time, the required concentration is low, and it is basically non-irritating to the skin, making it safer to use;



**药性稳定持久**  
Stable and Long-lasting Medicinal Properties

持续性杀菌能力强，是传统氯系6--10倍，不受水环境pH值的影响，pH应用范围广，在pH6-9之间同样具有良好的杀菌作用。

Strong sustained bactericidal ability, 6-10 times higher than traditional chlorine based systems, unaffected by the pH value of the water environment, with a wide range of pH applications and good bactericidal effect between pH 6-9.

### 主要消毒剂的性能对比 Performance Comparison of Main Disinfectants

产品 Product	pH	有效氯含量 Effective Chlorine Content	氰尿酸残留 Cyanuric Acid Residue	ORP稳定性 ORP Stability	使用量 Usage Amount	余氯需求量 Residual Chlorine Demand	对尿素的影响 The Impact on Urea
深蓝一号 Dark Blue No.1	8.0	75%	无 No	强 Strong	2g/m <sup>3</sup>	0.3-0.5ppm	去尿素 Remove Urea
三氯异氰尿酸 Trichloroisocyanuric Acid	3.2	90%	有 Yes	一般 General	2g/m <sup>3</sup>	0.5-1.0ppm	带入尿素 Bring in Urea
二氯异氰尿酸钠 Sodium Dichloroisocyanurate	6.8	50%	大量 Many	弱 Weak	4g/m <sup>3</sup>	1.0-1.5ppm	带入大量尿素 Bring in a Large Amount of Urea
次氯酸钙 Calcium Hypochlorite	11	65%	无 No	一般 General	4g/m <sup>3</sup>	0.5-1.0ppm	无 No
次氯酸钠 Sodium Hypochlorite	13	10%	无 No	一般 General	50g/m <sup>3</sup>	0.5-1.0ppm	无 No
速溶片 Instant Tablets	7.2	40%	有 Yes	一般 General	5g/m <sup>3</sup>	1.0-1.5ppm	带入尿素 Bring in Urea
			需要辅助的化学药剂 Chemicals that Require Assistance	说明 Description		换水成本 Water Exchange Cost	综合成本 Comprehensive Cost
深蓝一号 Dark Blue No.1			南方地区无需辅助药剂、净水剂 No need for auxiliary drugs or water purifiers in the southern region	无异味 No Odor		较低 Lower	低 Low
三氯异氰尿酸 Trichloroisocyanuric Acid			需要不断投加pH+调节剂、净水剂、除藻剂、冲击剂、尿素去除剂 Continuous addition of pH+ regulators, water purifiers, algae removers, impact agents, and urea removers is required	氯臭 Chlorine Odor		高 High	高 High
二氯异氰尿酸 Sodium Dichloroisocyanurate			净水剂、除藻剂、冲击剂、尿素去除剂 Water purifiers, algae removers, impact agents, and urea removers	氯味较小，稳定性氯剂，使用1~2个月水中氰尿酸超标 Low chlorine odor, stable chlorine agent, excessive cyanuric acid in water after 1-2 months of use		较高 Higher	较高 Higher
次氯酸钙 Sodium Hypochlorite			需不断投加pH-调节剂、净水剂、除藻剂、冲击剂、尿素去除剂 Continuous addition of pH- regulators, water purifiers, algae removers, impact agents, and urea removers is required	氯臭 Chlorine Odor		高 High	高 High
次氯酸钠 Sodium Hypochlorite			需不断投加大量pH-调节剂、净水剂、除藻剂、冲击剂、尿素去除剂 Continuous addition of pH- regulators, water purifiers, algae removers, impact agents, and urea removers is required	刺激性味道 Stimulating Odor		低 Low	低 Low
速溶片(泡腾片) Instant Tablets			净水剂、除藻剂、冲击剂、尿素去除剂 Water purifiers, algae removers, impact agents, and urea removers	刺激性味道，主要成分是三氯pH接近中性 Stimulating odor, mainly composed of trichloride with a pH close to neutral		较高 Higher	较高 Higher



# PH调节剂 (PH-, PH+)

## PH REGULATOR (PH-, PH+)



### PH+调节剂

本品可快速提高碱度避免因水质偏酸而造成的泳池、管道被腐蚀、泳客出现不适等问题。

This product can quickly increase alkalinity to avoid problems such as corrosion of swimming pools and pipelines caused by acidic water quality, and discomfort for swimmers.



### PH-调节剂

泳池水中的PH值偏高偏低都会对泳池产生影响容易变色、浑浊、腐蚀池体、泳客皮肤不适所以需要碱酸粉来升高降低PH以恢复水质的PH值平衡，提高池水舒适度和解决变色、浑浊等问题。

Both high and low pH values in swimming pool water can have an impact on the pool, causing discoloration, turbidity, corrosion of the pool body, and discomfort to swimmers' skin. Therefore, alkaline acid powder is needed to raise and lower the pH value to restore the pH balance of the water quality, improve the comfort of the pool water, and solve problems such as discoloration and turbidity.

### 3大亮点 3 Highlights



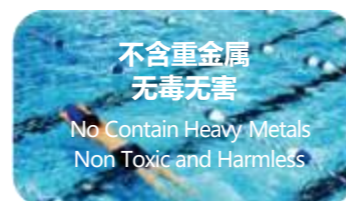
解决水质偏酸性导致的问题，如池体、管道腐蚀，寿命缩短；容易变色，增加氯的活性，增强人体舒适度。

Addressing issues caused by acidic water quality, such as corrosion of pool bodies and pipelines, and shortened lifespan; Easy to change color, increase chlorine activity, enhance human comfort.



水质PH值偏高，会减弱了氯的杀菌效果且游客皮肤代谢物多，使得池水浑浊，影响了游客的舒适体验度。

The high pH value of water quality will weaken the bactericidal effect of chlorine, and there are many metabolites on the skin of tourists, making the pool water turbid and affecting the comfort experience of tourists.



碱酸粉是高科技提取物，具有无毒安全环保功能，对游客安全无害。

Alkali acid powder is a high-tech extract with non-toxic, safe and environmentally friendly functions, which is safe and harmless to tourists.

### 使用方法 Usage



每立方水投放10-15g，可降低1度的PH值  
Adding 10-15g per cubic meter of water can reduce the pH value by 1 degree



每立方水投放15g，可升高1度的PH值  
Adding 15g per cubic meter of water can increase the pH value by 1 degree

# APF

## ALL POLY FLOC



### APF®可用于氯消毒或臭氧消毒的海洋哺乳动物维生系统

APF® for chlorinated and ozonated Zoo and Marine Mammal LSS



APF多聚电解质分子如同一张大鱼网，收集小的胶体和粒子

APF polyelectrolyte molecules act like a big fish net, collecting small colloids and particles



凝聚后的粒子在几分钟内聚集成团

The condensed particles aggregate into clusters within a few minutes

APF®是一种多光谱凝结絮凝剂，能够清除溶液中的污染物质，将细小的悬浮物，如皮肤细胞，细菌等絮凝成大的颗粒物，使其容易被AFM®清除。没有一种凝结或絮凝剂能够去除水中的所有杂质。

APF®使用6种电解质和聚合电解质组合而成，以保证清除最多的杂质。水的溶解成分中80%为氧化物，20%是悬浮固体。被过滤的物质不需要被氧化。当正确的絮凝作用与AFM®共同发生作用时，氧化物减少，氧化还原电位上升。在氯消毒系统中，消毒副产物可减少80%。

APF® is a multi-spectrum coagulant and flocculant that removes pollutants from solution and flocculates fine suspended solids, such as skin cells and bacteria, into large particles that are easily removed by AFM® (Activated Filter Media).

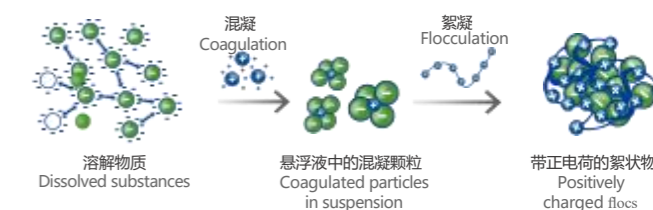
No single flocculant or coagulant can remove everything from the water. APF® is a precise combination of 6 different electrolytes and polyelectrolytes to cover the widest possible range. Dissolved constituents of water make up 80% of the oxidation demand and suspended solids around 20%. Everything that is filtered out does not need to be oxidised. When the correct flocculation is used in combination with AFM®, oxidation demand is reduced and mnRedOx potential increases.

In chlorinated systems unwanted disinfection by-products are reduced by upto 80%.



### 药剂特点

是目前唯一一种可以处理化学溶解物的混凝剂；  
可以使溶解在水中的化学物质析出，为絮凝作准备；  
APF能捕捉大小低至0.1微米的粒子和胶体；  
凝聚成团速率快、沉淀效果好；  
配合AFM®过滤，效果最佳。



### Pharmaceutical Characteristics

It is the only coagulant that can handle chemical dissolved matter; It can precipitate chemical substances dissolved in water, preparing for flocculation;

APF can capture particles and colloids as small as 0.1 microns; It has a fast rate of agglomeration and good sedimentation effect; When used in combination with AFM® filtration, the results are best.

# ACO

## ACTIVE CATALYTIC OXIDATION



ACO®是一种活性催化氧化剂，通过利用自然光中的紫外线，催化形成自由基，增强水中的氧化还原电位。自由基是一种臭氧中的有效成分。跟氯的作用相似，自由基通过氧化作用清除污染物质。但自由基不会产生有毒副产物。ACO®在作用过程中不会被消耗，并起到增强自然反应的作用。在氯消毒系统中，ACO®还能保护氯不受自然光的分解。使用了ACO®的户外泳池中，氯的持久度能够延长3倍。ACO®和氰尿酸的作用相同，但氰尿酸会降低氧化能力，ACO®能够增强水的氧化能力。

ACO® is an Active Catalytic Oxidiser that works by harnessing the natural energy of UV light from the sun to catalyse the formation of free radicals to increase the RedOx potential in the water.

Free radicals are the active ingredients of ozone. They oxidise just like chlorine to remove pollutants but do not form noxious disinfection by-products. ACO® is not consumed in the process, it just makes what happens naturally much more efficient.

In chlorinated systems ACO® also protects chlorine from photolysis by sunlight and makes it last three times longer in outdoor facilities. ACO® does the same as cyanuric acid, but instead of reducing oxidation capacity, ACO® increases the oxidation potential of the water.

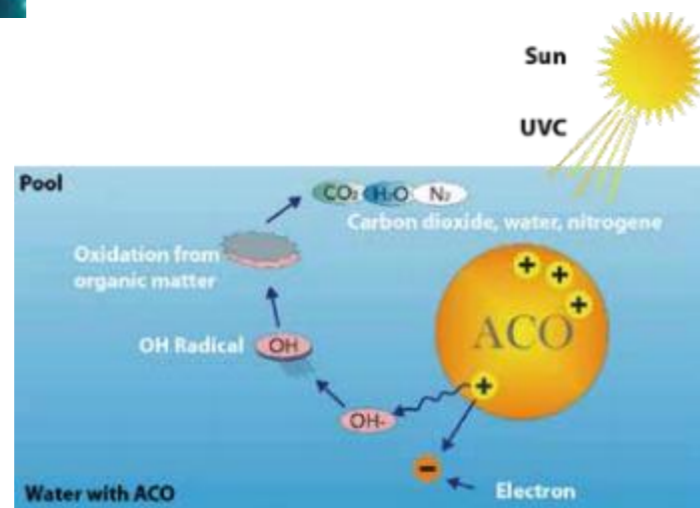
### ACO®的效益

- 不会伤害鱼类的水处理 -- 所有户外的生态系统中，都使用生态型ACO®。
- 水质更干净 -- 自然紫外线对泳池中有机物进行氧化，减少过滤设备的负荷。
- 更健康的水 -- 在氯消毒系统中，自由基氧化作用减少有毒副产物的产生，如三氯胺，氯仿，氯化氰等。
- 高效 -- ACO®能够延长氯和过氧化物的半衰期至300%以上，因而能够节省化学药品的用量。



### The Benefits of ACO®

- Water treatment that does not harm fish - Ecological ACO® is used in all outdoor ecosystems.
- The water quality is cleaner - Natural ultraviolet rays oxidize organic matter in the swimming pool, reducing the load on the filtration equipment.
- Healthier water - In chlorine disinfection systems, free radical oxidation reduces the production of toxic byproducts such as trichloroamine, chloroform, cyanide chloride, etc.
- Efficient - ACO® can extend the half-life of chlorine and peroxides to over 300%, thus saving the amount of chemicals used.



阳光照射越强烈，水质越干净！  
The more the sun shines, the cleaner the water!

# NoPhos

## NO PHOSPHATES



NoPhos contains anhydrous lanthanum chloride, which combines with important nutrients of algae and bacteria to eliminate phosphates and prevent their growth. The target phosphate content is 0.0ppm for swimming pools/water features; Natural swimming pool/pond with a density of 0.05-0.1ppm and a specific gravity of 20L is approximately 24kg.

Usage: Manual dispensing: Add water to the swimming pool once a week through a separator or pipeline, at night. Automatic dispensing: Dilute Nophos with water in a ratio

NoPhos含有无水氯化镧，通过与藻类和细菌的重要营养物质结合，消除磷酸盐，防止藻类和细菌的生长，磷酸盐含量的目标值：游泳池/水景 0.0ppm；天然游泳池/池塘 0.05 -0.1ppm，比重为20L约等于24kg。

使用方法：手动投放：通过分离器或管道每周向游泳池投加一次，时间是晚上。自动投放：按照1：20的比例用水稀释 Nophos，每立方循环水投加剂量为 1ml。

使用剂量：10ml可以结合1g磷酸盐。适用于公共/私人游泳池、池塘、天然游泳池、水景和喷泉。每立方水体投放 1 - 2ml。例如：如果游泳池的体积为80m³，那么每周需要投 80-160 ml 的NoPhos。

of 1:20, with a dosage of 1ml per cubic meter of circulating water.

Dosage: 10ml can be combined with 1g of phosphate. Suitable for public/private swimming pools, ponds, natural swimming pools, water features, and fountains. Add 1-2ml per cubic meter of water. For example, if the volume of the swimming pool is 80m³, then 80-160 ml of NoPhos need to be injected per week.

### √ 消除磷酸盐

防止藻类和细菌生长

### √ Eliminates phosphates

Prevents algae and bacterial growth

### √ 是天然产品

可用于海洋哺乳动物LSS以及鱼类和无脊椎动物系统。无毒且保证纯净！

### √ Is a natural product

Can be used in marine mammal LSS as well as in fish and invertebrate systems. Non-toxic and guaranteed pure!

### √ 是一种凝聚剂

它改善了AFM®和砂滤器的过滤性能

### √ Is a coagulant

It improves the filtration performance of both AFM® and sand filters.

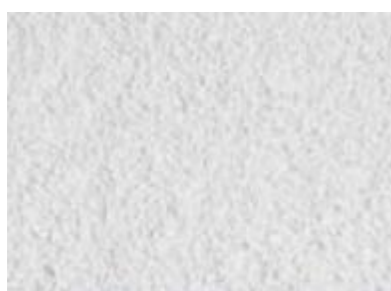


### 作用原理 Principle of action



# 三氯异氰尿酸

## TRICHLOROISOCYANURIC ACID



本品是一种性能优良的杀菌、灭藻剂,在工业方面可作为工业循环水处理剂、氯化处理剂等,在农业方面可作为农作物种子消毒剂、农作物病害防治剂。可广泛用于工业水、游泳池水、饮用水、医院污水及城市污水的处理。在卫生防疫、畜牧水产养殖业等方面均具有很好的应用效果,杀菌消毒作用显著。同时还可以广泛应用于食品加工、奶制品加工、水果保鲜、纤维漂白、日用化工脱色、木材防霉、造纸和电池材料等方面。

This product is a high-performance bactericide and algicide that can be used as an industrial water treatment agent, chlorination agent, etc. in industry, and as a seed disinfectant and crop disease control agent in agriculture. It can be widely used in the treatment of industrial water, swimming pool water, drinking water, hospital wastewater, and urban sewage. It has good application effects in sanitation, livestock and aquaculture, and has significant bactericidal and disinfectant effects. At the same time, it can be widely used in food processing, dairy product processing, fruit preservation, fiber bleaching, daily chemical bleaching, wood preservation, papermaking, and battery materials.

### 主要消毒剂的性能对比 Performance Comparison of Main Disinfectants

项目 Project	指标 Index
有效氯含量, % Effective Chlorine Content, %	90
1%水溶液PH值 PH Value of 1% Aqueous Solution	2.7-3.2
水分含量, % Moisture Content, %	0.5
规格 Specifications	颗粒 (8-30目; 20-60目)、粉末, 片剂 (1g、2g、15g、20g、35g、100g、120g、160g、200g)可以根据客户要求定制 100g、120g、160g、200g可以根据客户要求定制 Particles (8-30 mesh; 20-60 mesh), powders, tablets (1g, 2g, 15g, 20g, 35g, 100g, 120g, 160g, 200g) can be customized according to customer requirements

本产品采用25kg/编织袋;吨袋;25kg/塑料桶;50kg/塑料桶;50kg/纸板桶(可根据客户要求定制)。

This product uses 25kg/woven bags; Ton bag; 25kg/plastic drum; 50kg/plastic drum; 50kg/cardboard drum (available to be customized according to customer requirements).

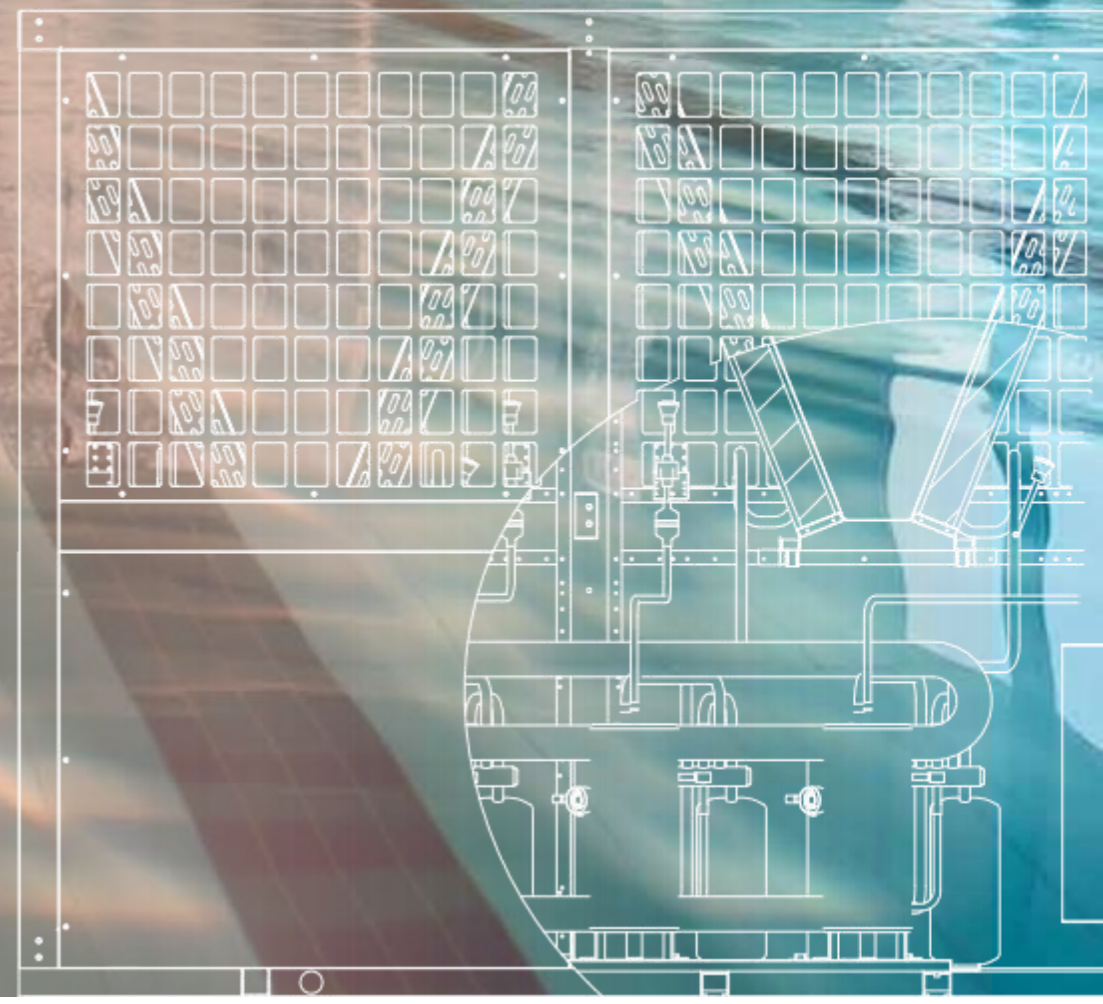


# 泳池热泵

## Heat Pump of Swimming Pool

热泵热水机组利用制冷剂（俗称冷媒或雪种）作介质，输入少量的电能，吸收空气中的热能，产生热水。制冷剂汽化温度低，在  $-40^{\circ}\text{C}$  即可汽化，故它与外界温度存在温差，冷媒在蒸发器内吸收外界温度后汽化成为低温低压的气体，通过压缩机压缩变成高温高压气体，再经冷凝器与水交换热量后，被冷凝成液体，经电子膨胀阀节流降压后变成低温低压的液态，然后在蒸发器中吸收空气中的热量后继续被压缩机吸入，不断循环，制取热水。

Heat pump water heaters use refrigerant (commonly known as refrigerant or snow) as a medium, input a small amount of electric energy, and absorb empty  
The heat energy in the air produces hot water. The vaporization temperature of the refrigerant is low and can be vaporized at  $-40^{\circ}\text{C}$ , so it is warm with the outside world  
There is a temperature difference, the refrigerant in the evaporator absorbs the outside temperature after vaporization into a low temperature and low pressure gas, through  
The compressor compresses into high temperature and high pressure gas, and then exchanges heat with water through the condenser and is condensed into a liquid.  
After the electronic expansion valve throttling and reducing pressure, it becomes a low-temperature and low-pressure liquid, and then absorbs air in the evaporator  
After the heat continues to be inhaled by the compressor, continuous circulation, making hot water.



# 常温型泳池空气源热泵

## Normal Temperature Air Source Heat Pump of Swimming Pool

### 能源高

泳池热泵利用环境中的热能来加热水,而不是直接消耗能源来产生热量。这使得它相对于传统的加热方式(如电热器或燃气加热器)更加节能高效。

### 稳定性

泳池热泵在运行过程中能够稳定地提供一定温度的热水,不受气温、湿度等环境因素的影响,保持水温稳定。

### 适用性广

泳池热泵适用于各种类型和规模的游泳池,包括家庭泳池、酒店泳池、健身中心泳池等,满足不同场景的加热需求。

### High Energy

Heat pump of swimming pool uses the heat energy in the environment to heat water, rather than directly consuming energy to generate heat, which makes it more energy-efficient and efficient compared to traditional heating methods such as electric heaters or gas heaters.

### Stability

The heat pump of swimming pool can provide stable hot water at a certain temperature during operation, unaffected by environmental factors such as temperature and humidity, and maintain stable water temperature.

### Wide Applicability

Heat pump of swimming pool is suitable for various types and sizes of swimming pools, including home pools, hotel pools, fitness center pools, etc., to meet the heating needs of different scenarios.



**100%水电隔离永不漏电**

环保节能**更实用**

钛管抵御氯离子**抗腐强**

100% Water and Electricity Isolation, Never Leakage

Environmental Protection and Energy Conservation are More Practical

Titanium Tube has Strong Resistance to Chloride Ions and Corrosion

DSL-PHP-10  
DSL-PHP-20  
DSL-PHP-30



DSL-PHP-40  
DSL-PHP-50



### 技术参数 Technical Parameter

型号 Model	DSL-PHP-10	DSL-PHP-20	DSL-PHP-30	DSL-PHP-40	DSL-PHP-50	
制热量 (kW) Heating Capacity (kW)	38	80	110	160	200	
额定输入功率 (kW) Rated Input Power (kW)	8.3	17.2	23.8	34.6	43.2	
COP(W/W) COP(W/W)	4.58	4.65	4.62	4.62	4.63	
额定电流 (A) Rated Current (A)	14.8	30.7	42.5	61.8	77.2	
最大输入功率 (kW) Maximum Input Power (kW)	10.8	22.6	31.8	52.2	58.5	
最大输入电流 (A) Maximum Input Current (A)	19.3	40.4	56.8	93.3	104.6	
电源规格 Power Supply Specification	380V 3N ~ /50HZ					
压缩机类型 Compressor Type	全封闭柔性涡旋式压缩机 Fully Enclosed Flexible Vortex Compressor					
换热器 Heat Exchanger	水侧 Water Side	钛泡 Titanium Foam				
	风侧 Wind Side	翅片式换热器 Finned Heat Exchanger				
水系统 Water System	额定出水温度 (°C) Rated Effluent Temperature	28				
	最高出水温度 (°C) Maximum Effluent Temperature	35				
	水流量 (m³/h) Water Discharge (m³/h)	16	34	47	68.5	85
	水阻 (kPa) Water Resistance (kPa)	≤50	≤68	≤68	≤90	≤90
进出水口尺寸 Water Inlet and Outlet Dimensions	DN50 内牙 DN50 Inner Teeth	∅90×3" 活接 ∅90×3" Union	∅90×3" 活接 ∅90×3" Union	∅140×5" 法兰 ∅140×5" Flange	∅140×5" 法兰 ∅140×5" Flange	
风机类型 / 出风形式 Fan Type/ Wind Outlet Type	高效轴流风机 / 顶出风 High Efficiency Axial Flow Fan / Top Wind Outlet					
防触电等级 Anti-electric Shock Level	I类 Level I					
使用环境温度 (°C) Operating Environment Temperature	-7~43					
制冷剂 Refrigerant	R22					
噪音 (dB (A)) Noise dB (A)	68	68	72	72	74	
设备重量 (kg) Equipment Weight (kg)	320	560	620	1200	1350	
产品尺寸 (L*W*H) mm Product Size (L * W * H) mm	1430*760*1100	2050*1200*2200	2050*1200*2200	2050*2000*2200	2050*2000*2200	

备注:

(1)执行标准:《JB/T 11969-2014 游泳池用空气源热泵热水机》。

(2)额定制热量是在室外干/湿球温度20/15°C,池水温度26°C进28°C出的标准工况下测试数据。

(3)产品持续更新,若产品因改良而致使参数规格改变,则以铭牌参数为准。

(4)泡池水温要求38°C~42°C,可非标定制。

产品的外观和颜色,以最终到货实物为准。

Remark:

(1) Execution standard: JB/T 11969-2014 air source heat pump water heater for swimming pools.

(2) The customized heat capacity is tested under standard operating conditions with outdoor dry/wet bulb temperature of 20/15°C and pool water temperature of 26°C to 28°C.

(3) The product is continuously updated. If the parameters and specifications of the product change due to improvement, the nameplate parameters shall prevail.

(4) The water temperature requirement for the bubble tank is 38°C~42°C, and non-standard customization is available.

# 低温型泳池空气源热泵

## Low Temperature Air Source Heat Pump of Swimming Pool

### 适应低温

超低温泳池热泵具有在极端低温条件下运行的能力,甚至可以在零下的温度下工作。这使得它们适用于寒冷地区或寒冷季节的室外游泳池。

### 稳定性强

超低温泳池热泵通常采用先进的制冷技术和设计,以确保在极端低温环境下仍然能够稳定运行,并提供稳定的加热效果。

### 耐低温材料

这些热泵通常采用耐低温材料和设计,以确保在低温环境下不会受到损坏或性能下降。

### Low Temperature Adaptation

The ultra-low temperature heat pump of swimming pool has the ability to operate under extreme low temperature conditions, and can even work at temperatures below zero. This makes them suitable for outdoor swimming pools in cold regions or cold seasons.

### Strong Stability

Ultra low temperature heat pump of swimming pool typically uses advanced refrigeration technology and design to ensure stable operation in extreme low temperature environments and provide stable heating effects.

### Low Temperature Resistant Material

These heat pumps typically use low-temperature resistant materials and designs to ensure that they will not be damaged or experience performance degradation in low-temperature environments.

**-25°C** 正常工作

能效提升 **20%**

**自动除霜**

Normal Operation at -25°C

Energy Efficiency Increased by 20%

Automatic Defrosting



## 技术参数表 Technical Specification

型号 Model	DSL-DPHP-10	DSL-DPHP-20A	DSL-DPHP-30	DSL-DPHP-40	DSL-DPHP-50	
制热量 (kW) Heating Capacity (kW)	38	95	110	160	200	
额定输入功率 (kW) Rated Input Power (kW)	8.9	18.6	25.2	36.8	45.5	
COP(W/W) COP(W/W)	4.27	5.11	4.37	4.35	4.40	
额定电流 (A) Rated Current (A)	15.9	33.2	45.0	65.8	81.3	
最大输入功率 (kW) Maximum Input Power (kW)	11.8	24.3	34.8	58.8	64.5	
最大输入电流 (A) Maximum Input Current (A)	21.1	43.4	62.2	105.1	115.3	
电源规格 Power Supply Specification	380V 3N ~ /50HZ					
压缩机类型 Compressor Type	全封闭柔性涡旋式压缩机 Fully Enclosed Flexible Vortex Compressor					
换热器 Heat Exchanger	水侧 Water Side	钛泡 Titanium Foam				
	风侧 Wind Side	翅片式换热器 Finned Heat Exchanger				
水系统 Water System	额定出水温度 (°C) Rated Effluent Temperature	28				
	最高出水温度 (°C) Maximum Effluent Temperature	35				
	水流量 (m³/h) Water Discharge (m³/h)	16	34	47	68.5	85
	水阻 (kPa) Water Resistance (kPa)	≤ 50	≤ 68	≤ 68	≤ 90	≤ 90
	进出水口尺寸 Water Inlet and Outlet Dimensions	DN50 内牙 DN50Inner Teeth	DN65 内牙 DN50Inner Teeth	∅ 110×4" 法兰 ∅110×4" Flange	∅ 140×5" 法兰 ∅140×5" Flange	∅ 140×5" 法兰 ∅140×5" Flange
风机类型 / 出风形式 Fan Type/ Wind Outlet Type	高效轴流风机 / 顶出风 High Efficiency Axial Fan / Top Outlet Fan					
防触电等级 Anti-electric Shock Level	I 类 Level I					
使用环境温度 (°C) Operating Environment Temperature	-25~43°C					
制冷剂 Refrigerant	R22	R410A	R22	R22	R22	
噪音 (dB (A)) Noise dB (A)	68	68	72	72	74	
设备重量 (kg) Equipment Weight (kg)	430	700	760	1350	1500	
产品尺寸 (L*W*H) mm Product Size (L * W * H) mm	1200*1100*2200	2370*1180*2200	2050*1700*2200	2195*2142*2200	2195*2142*2200	

备注:

- (1) 执行标准:《JB/T 11969-2014 游泳池用空气源热泵热水机》。
  - (2) 额定制热量是在室外干/湿球温度20/15°C,池水温度26°C进28°C出的标准工况下测试数据。
  - (3) 产品持续更新,若产品因改良而致使参数规格改变,则以铭牌参数为准。
  - (4) 泡池水温要求38°C~42°C,可非标定制。
- 产品的外观和颜色,以最终到货实物为准。

Remark:

- (1) Execution standard: JB/T 11969-2014 air source heat pump water heater for swimming pools.
- (2) The customized heat capacity is tested under standard operating conditions with outdoor dry/wet bulb temperature of 20/15°C and pool water temperature of 26°C to 28°C.
- (3) The product is continuously updated. If the parameters and specifications of the product change due to improvement, the nameplate parameters shall prevail.
- (4) The water temperature requirement for the bubble tank is 38°C~42°C, and non-standard customization is available.

# 别墅泳池专用空气源变频热泵

## Air Source Variable Frequency Heat Pump of Dedicated Villa Swimming Pool

### 直流变频技术

采用稀土永磁电机技术,宽转速范围调整,正弦波调速技术,低频电机效率提高10%。

### 安装灵活

采用三面进风顶出风的设计,可满足不同场景的安装要求。采用了静音技术风机,其静音效果可以低至40分贝。

### APP控制

配备Wi-Fi连接及远程控制功能。与APP应用程序相结合,用户可以轻松、自由地控制热泵机组。

### 超静音运行

减震降噪,运行声音低至40dB(A)@1m

### DC Frequency Conversion Technology

Adopting rare earth permanent magnet motor technology, wide speed range adjustment, sine wave speed regulation technology, low-frequency motor efficiency is increased by 10%.

### Flexible Installation

Adopting a three-side air inlet and top outlet design, it can meet the installation requirements of different scenarios. The fan adopts silent technology, and its silent effect can be as low as 40 decibels.

### APP Control

Wi-Fi connection and remote control function are equipped. Combined with the APP application, users can easily and freely control the heat pump unit.

### Ultra Quiet Operation

Shock absorption and noise reduction, with a running sound as low as 40dB (A) @ 1m



### 技术参数表 Technical Specification

型号 Model	DSL-PHP-4BP	DSL-PHP-6BP	DSL-PHP-8BP	DSL-PHP-10BP
性能条件 Performance Conditions	空气温度:27°C, 进水/出水温度:26°C/28°C, 湿度80% Air Temperature:27°C, Water Inlet/Outlet Temperature: 26°C/28°C, Humidity80%			
制热量 (kW) Heating Capacity (kW)	4.86~17.12	7.84~26.09	8.54~30.08	11.21~40.06
功率 (kW) Power (kW)	0.30~2.83	0.48~4.29	0.53~4.98	0.69~6.00
COP(W/W) COP (W/W)	16.20~6.05	16.33~6.08	16.11~6.04	16.24~6.67
性能条件 Performance Conditions	性能条件: 空气温度:15°C, 进水温度:26°C, 湿度:70% Performance Conditions: Air Temperature:15°C, Water Inlet Temperature: 26°C, Humidity70%			
加热能力 (kW) Heating Capacity (kW)	3.97~12.41	6.14~18.05	6.20~20.84	9.12~27.72
功率 (kW) Power (kW)	0.56~2.44	0.86~3.55	0.87~4.05	1.30~5.32
COP (W/W) COP (W/W)	7.09~5.08	7.14~5.08	7.12~5.15	7.02~5.21
电源规格 Power Supply Specification	220V 1N ~ /50HZ		380V 3N ~ /50HZ	
水系统 Water System	额定出水温度 (°C) Rated Effluent Temperature	28		
	水流量 (m3/h) Water Discharge (m3/h)	7.5	11.5	13
	水阻 (kPa) Water Resistance (kPa)	≤20	≤35	≤38
	进/出水口尺寸 (mm) Water Inlet and Outlet Dimensions	50		
使用环境温度 (°C) Operating Environment Temperature	-15~43			
制冷剂 Refrigerant	R32			
噪音 dB(A) Noise dB (A)	42.5~52.5	46.5~56	48~58	52~61.5
产品尺寸 (L*W*H) mm Product Size (L * W * H) mm	720*730*800	750*730*855	750*730*855	850*810*900

### 备注:

- (1) 执行标准:《JB/T 11969-2014 游泳池用空气源热泵热水机》。
- (2) 额定制热量是在室外干/湿球温度20/15°C,池水温度26°C进28°C出的标准工况下测试数据。
- (3) 产品持续更新,若产品因改良而致使参数规格改变,则以铭牌参数为准。
- (4) 泡池水温要求38°C~42°C,可非标定制。产品的外观和颜色,以最终到货实物为准。

### Remark:

- (1) Execution standard: JB/T 11969-2014 air source heat pump water heater for swimming pools.
- (2) The customized heat capacity is tested under standard operating conditions with outdoor dry/wet bulb temperature of 20/15°C and pool water temperature of 26°C to 28°C.
- (3) The product is continuously updated. If the parameters and specifications of the product change due to improvement, the nameplate parameters shall prevail.
- (4) The water temperature requirement for the bubble tank is 38°C~42°C, and non-standard customization is available.

# Pool specific dehumidification heat pump

泳池专用  
除湿热泵



普派克游泳池用  
除湿热回收热泵，  
专为室内游泳池环境  
而设计的除湿系统。

PoolPak Heat Pump Dehumidifier  
for Pool, Specially Designed  
for Indoor Swimming Pool.

# SWHP SR系列

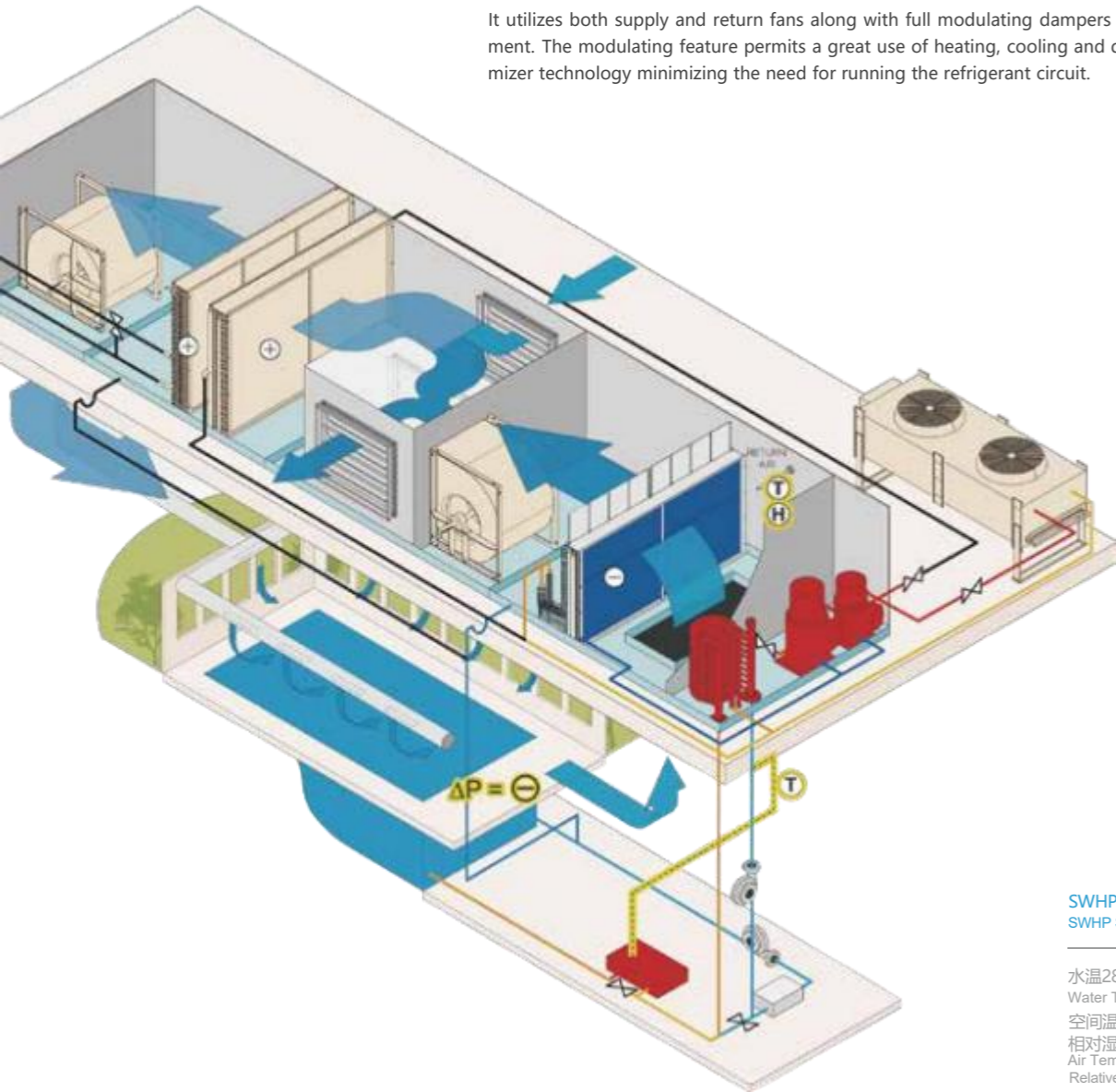
## SWHP SR series

SR 系列设备是现今最有效、最灵活的室内泳池环境控制系统的代表。它同时采用送风、回风风机和全调式风阀，可精确对空气进行控制。这种全调式特征可充分利用加热、制冷和除湿节能技术降低制冷程序的运行。

作为最主要产品的 SR 系列设备，在蒸发盘管的下行方向和冷凝盘管的上行方向之间安装了一个混合箱，用于更好的控制空气流。配合对室内环境精确地除湿、加热和通风，SR 系列设备在节能模式、智能节能模式、飞轮空调模式和 CO<sub>2</sub> 通风模式下，可优化能源效率。

The Model SR represents the most capable and flexible indoor pool environmental control system today.

It utilizes both supply and return fans along with full modulating dampers for precise air management. The modulating feature permits a great use of heating, cooling and dehumidification economizer technology minimizing the need for running the refrigerant circuit.



SWHP SR 系列工作原理图  
SWHP SR Series Working Theory

水温 28°C  
Water Temperature 28°C  
空间温度和  
相对湿度 29°C / 65%  
Air Temperature and  
Relative Humidity 29°C / 65%



### SWHP SR系列设备特点

#### Construction Features of SWHP SR Series

- 使用热泵技术，在除湿过程中将能源回收并重新用来加热室内的空气和水；
- 厚聚酯合成纤维的无毒、无过敏可更换式空气过滤器（初、中、高效可选），过滤所有新风和回风；
- 压缩机、游泳池水加热器和控制系统与腐蚀性的空气隔离，与回风有接触的钣金结构件及所有暴露在外部和内部的零部件均采用防腐处理，以防止过快老化，并且易于检修；
- 混合室使用回风 / 送风机和控制漏风少于 1% 的可调节风量的风阀，能够将风量调节阀由 0% 调制到 100%，实现全智能新风节能功能（新风量达到 ASHRAE62.1-2004 通风标准）。
- 设备会根据室内最冷点温度自动设定空气湿度防止室内结露；
- 快速检修口：为方便日常维护，检修口面板采用悬挂式或铰链式（可选配置）。
- 风机可选。

· The PoolPak system is to provide environmental control through the use of heat pump technology. Heat from the warm, humid pool air is recovered for reuse while the air is dehumidified and cooled. The recovered heat is then used to heat the supply air and the water.

· Return and outside air are filtered; The filters are changable, with initial, medium and efficient ones for you choice. They are totally non toxic, non allergenic and not allowed to raise bacteria and fungus.

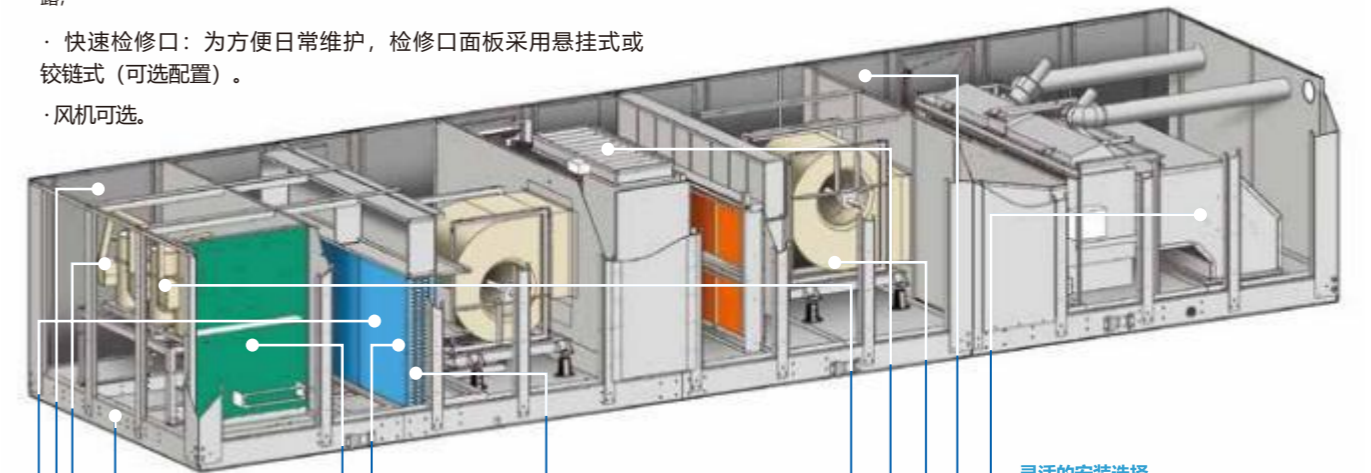
· Compressors, pool water condenser and controller shall be located in compartments isolated from air stream to allow for ease of maintenance and to protect from the corrosive atmosphere.

· Dampers shall be parallel blade, less than 1% leakage, neoprene tipped, anodized-aluminum air foil crosssection dampers. Each damper section shall be operated by a separate motor, factory mounted and wired into the unit control panel; it is capable of modulating the dampers from 0-100%.

· When the cold surface temperature approaches the dewpoint, the PoolPak' s controls automatically reset the humidity set-point downward in order to lower the dewpoint of the air. By lowering the air' s dewpoint, condensate is prevented from forming on the walls.

· Hinged access doors are required on all outdoor installations.

· Fans is optional.



**高效压缩机**  
安装在腐蚀性气流之外的  
标准涡旋式压缩机  
High-Efficiency Compressors  
Standard scroll compressors  
located out of the airstream

**独立式无风段设计以保护重要的组件**  
安装在腐蚀性气流之外的制冷设施和电气部件  
Critical Component Protection  
Refrigeration and electrical components  
Located outside the air stream

**大容量盘管**  
Extended Life, High-Capacity Coils

**工业级传感器**  
Industrial-grade Sensors

**世界级监测和控制系统**  
可通过网络控制  
Worldwide Monitoring  
and Control  
Controller access from any  
location via internet

**节能的池水加热系统**  
铜镍合金管中管式池水冷凝器  
Energy-Saving Pool  
Water Heating  
Cupro-nickel tube-in-tube  
pool water condenser

**无毒、无过敏的过滤网**  
Non-Toxic, Non-Allergenic  
Filtration

**灵活的安装选择**  
外部屋顶、平面、室内机房  
Flexible Mounting Options  
External roof or slab; inside mechanical room

**双层壁板保温外壳**  
Insulation Cover

**后倾式风机 (标配)**  
Fans  
Backward inclined airfoil (standard)

**防渗漏防腐蚀风阀**  
Low-Leakage, Corrosion-Resistant Dampers

**低噪运行**  
Quiet Operation

# SWHP-SR Series Technical Parameter Table

Model	SWHP060SR-A		SWHP080SR-A		SWHP100SR-A		SWHP100SR-B		SWHP140SR-B			
	Heat capacity	Cooling capacity	Heat capacity	Cooling capacity	Heat capacity	Cooling capacity	Heat capacity	Cooling capacity	Heat capacity	Cooling capacity		
Heat/cold output (kW) (Return air 27°C, RH 60%, Water temperature 26°C)	72.9	54.0	89.4	68.2	109.5	82.0	110.4	82.9	156.5	119.5		
Dehumidification (kg/h)	Nominal working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity	Nominal working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity	Nominal working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity	Nominal working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity
	38.0	83.1	121.1	50.0	83.1	133.1	57.0	83.1	140.1	82.0	108.0	190.0
Heat/cold output (kW) (Return air 30°C, RH 60%, Water temperature 28°C)	80.2	59.4	98.3	75.0	120.4	90.2	121.4	91.2	172.2	131.5		
Dehumidification (kg/h)	Design working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity	Design working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity	Design working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity	Design working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity
	52.0	109.0	161.0	69.0	109.0	178.0	71.0	109.0	180.0	109.0	141.7	250.7
Fresh air dehumidification volume corresponds to air volume(m³/h)												
	5400		5400		5400		5400		7020			
Refrigerant model	R410A		R410A		R410A		R410A		R410A			
Air volume range(m³/h)	6700-13500		9300-13500		11000-13500		13500-20000		15200-30500			
Air pressure (Pa) (standard configuration can be customized within the appropriate range)	400		400		400		400		400			
Fan quantity	2		2		2		2		2			
Fan type	Backward centrifugal		Backward centrifugal		Backward centrifugal		Backward centrifugal		Backward centrifugal			
Fan power (kW)	2×5.5 or 2×7.5		2×5.5 or 2×7.5		2×5.5 or 2×7.5		2×7.5 or 2×11		2×11 or 2×15			
Compressor type	Vortex type		Vortex type		Vortex type		Vortex type		Vortex type			
Compressor standard quantity	2		2		2		2		2			
Rated power of single compressor (kW)	9.46		10.58		13.73		13.73		18.5			
Rated current of single compressor (A)	20.7		21.4		27.6		27.6		38			
Locked-rotor current of Single compressor (A)	142		147		197		197		215			
Heat exchanger material	Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type			
Heat exchange (kW)	73 <sup>Nominal work condition</sup>	80 <sup>Design work condition</sup>	90 <sup>Nominal work condition</sup>	98 <sup>Design work condition</sup>	110 <sup>Nominal work condition</sup>	120 <sup>Design work condition</sup>	110 <sup>Nominal work condition</sup>	120 <sup>Design work condition</sup>	157 <sup>Nominal work condition</sup>	172 <sup>Design work condition</sup>		
Water resistance (kPa)	114		114		114		105		110			
Working pressure on water side (MPa)	1.0		1.0		1.0		1.0		1.0			
Maximum water temperature (°C)	40		40		40		40		40			
Water flow (m³/h)	12.5 <sup>Nominal work condition</sup>	13.7 <sup>Design work condition</sup>	15.5 <sup>Nominal work condition</sup>	16.8 <sup>Design work condition</sup>	19 <sup>Nominal work condition</sup>	20.5 <sup>Design work condition</sup>	19 <sup>Nominal work condition</sup>	20.5 <sup>Design work condition</sup>	27 <sup>Nominal work condition</sup>	29.5 <sup>Design work condition</sup>		
Connection size	de63		de63		de63		de63		de63			
Air filter (standard)	G4 primary filter		G4 primary filter		G4 primary filter		G4 primary filter		G4 primary filter			
Model	ACC060-B		ACC100-B		ACC100-B		ACC100-B		ACC140			
Heat dissipation of outdoor air-cooled condenser (kW)	80		114		114		114		175			
Standard air volume (m³/h)	28000		34000		34000		34000		51000			
Standard quantity fans (sets)	2		2		2		2		3			
Fan type	Axial flow type		Axial flow type		Axial flow type		Axial flow type		Axial flow type			
Fan power (kW)	1.1×2		1.4×2		1.4×2		1.4×2		2.62×3			
Condenser dimensions (L×W×H mm)	1919×1129×996		2192×1295×996		2192×1295×996		2192×1295×996		4128×1125×705			
Condenser weight (kg)	210		226		226		226		320			
Condenser quantity (pcs)	1		1		1		1		1			
Model	WCC060		WCC100		WCC100		WCC100		WCC140			
Heat exchanger material	Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type			
Heat exchange (kW)	80		114		114		114		175			
Water resistance (kPa)	50		110		110		110		110			
Working pressure on water side (MPa)	1.0		1.0		1.0		1.0		1.0			
Inlet and outlet water temperature (°C)	30/35		30/35		30/35		30/35		30/35			
Water flow (m³/h)	13.7		19.5		19.5		19.5		30			
Connection size (mm)	DN40		DN50		DN50		DN50		DN65			
Condenser weight (kg)	103		200		200		200		260			
Condenser quantity (pcs)	1		1		1		1		1			
Condenser dimensions (L×W×H mm)	1080×670×744		1030×896×1354		1030×896×1354		1030×896×1354		1150×996×1454			
Model	WCC060		WCC100		WCC100		WCC100		WCC140			
Heat exchanger material	Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type			
Heat exchange (kW)	80		114		114		114		175			
Water resistance (kPa)	50		110		110		110		110			
Working pressure on water side (MPa)	1.0		1.0		1.0		1.0		1.0			
Inlet and outlet water temperature (°C)	7.0/12		7.0/12		7.0/12		7.0/12		7.0/12			
Water flow (m³/h)	13.7		19.5		19.5		19.5		30			
Connection size (mm)	DN40		DN50		DN50		DN50		DN65			
Condenser weight (kg)	103		200		200		200		260			
Condenser quantity (pcs)	1		1		1		1		1			
Condenser dimensions (L×W×H mm)	1080×670×744		1030×896×1354		1030×896×1354		1030×896×1354		1150×996×1454			
Model	WCC060		WCC100		WCC100		WCC100		WCC140			
Heat exchanger material	Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type			
Heat exchange (kW)	80		114		114		114		175			
Water resistance (kPa)	50		110		110		110		110			
Working pressure on water side (MPa)	1.0		1.0		1.0		1.0		1.0			
Inlet and outlet water temperature (°C)	7.0/12		7.0/12		7.0/12		7.0/12		7.0/12			
Water flow (m³/h)	13.7		19.5		19.5		19.5		30			
Connection size (mm)	DN40		DN50		DN50		DN50		DN65			
Condenser weight (kg)	103		200		200		200		260			
Condenser quantity (pcs)	1		1		1		1		1			
Condenser dimensions (L×W×H mm)	1080×670×744		1030×896×1354		1030×896×1354		1030×896×1354		1150×996×1454			
Model	WCC060		WCC100		WCC100		WCC100		WCC140			
Heat exchanger material	Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type			
Heat exchange (kW)	80		114		114		114		175			
Water resistance (kPa)	50		110		110		110		110			
Working pressure on water side (MPa)	1.0		1.0		1.0		1.0		1.0			
Inlet and outlet water temperature (°C)	7.0/12		7.0/12		7.0/12		7.0/12		7.0/12			
Water flow (m³/h)	13.7		19.5		19.5		19.5		30			
Connection size (mm)	DN40		DN50		DN50		DN50		DN65			
Condenser weight (kg)	103		200		200		200		260			
Condenser quantity (pcs)	1		1		1		1		1			
Condenser dimensions (L×W×H mm)	1080×670×744		1030×896×1354		1030×896×1354		1030×896×1354		1150×996×1454			
Model	WCC060		WCC100		WCC100		WCC100		WCC140			
Heat exchanger material	Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type			
Heat exchange (kW)	80		114		114		114		175			
Water resistance (kPa)	50		110		110		110		110			
Working pressure on water side (MPa)	1.0		1.0		1.0		1.0		1.0			
Inlet and outlet water temperature (°C)	7.0/12		7.0/12		7.0/12		7.0/12		7.0/12			
Water flow (m³/h)	13.7		19.5		19.5		19.5		30			
Connection size (mm)	DN40		DN50		DN50		DN50		DN65			
Condenser weight (kg)	103		200		200		200		260			
Condenser quantity (pcs)	1		1		1		1		1			
Condenser dimensions (L×W×H mm)	1080×670×744		1030×896×1354		1030×896×1354		1030×896×1354		1150×996×1454			
Model	WCC060		WCC100		WCC100		WCC100		WCC140			
Heat exchanger material	Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type			
Heat exchange (kW)	80		114		114		114		175			
Water resistance (kPa)	50		110		110		110		110			
Working pressure on water side (MPa)	1.0		1.0		1.0		1.0		1.0			
Inlet and outlet water temperature (°C)	7.0/12		7.0/12		7.0/12		7.0/12		7.0/12			
Water flow (m³/h)	13.7		19.5		19.5		19.5		30			
Connection size (mm)	DN40		DN50		DN50		DN50		DN65			
Condenser weight (kg)	103		200		200		200		260			
Condenser quantity (pcs)	1		1		1		1		1			
Condenser dimensions (L×W×H mm)	1080×670×744		1030×896×1354		1030×896×1354		1030×896×1354		1150×996×1454			
Model	WCC060		WCC100		WCC100		WCC100		WCC140			
Heat exchanger material	Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type			
Heat exchange (kW)	80		114		114		114		175			
Water resistance (kPa)	50		110		110		110		110			
Working pressure on water side (MPa)	1.0		1.0		1.0		1.0		1.0			
Inlet and outlet water temperature (°C)	7.0/12		7.0/12		7.0/12		7.0/12		7.0/12			
Water flow (m³/h)	13.7		19.5		19.5		19.5		30			
Connection size (mm)	DN40		DN50		DN50		DN50		DN65			
Condenser weight (kg)	103		200		200		200		260			
Condenser quantity (pcs)	1		1		1		1		1			
Condenser dimensions (L×W×H mm)	1080×670×744		1030×896×1354		1030×896×1354		1030×896×1354		1150×996×1454			
Model	WCC060		WCC100		WCC100		WCC100		WCC140			
Heat exchanger material	Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type			
Heat exchange (kW)	80		114		114		114		175			
Water resistance (kPa)	50		110		110		110		110			
Working pressure on water side (MPa)	1.0		1.0		1.0		1.0		1.0			
Inlet and outlet water temperature (°C)	7.0/12		7.0/12		7.0/12		7.0/12		7.0/12			
Water flow (m³/h)	13.7		19.5		19.5		19.5		30			
Connection size (mm)	DN40		DN50		DN50		DN50		DN65			
Condenser weight (kg)	103		200		200		200		260			
Condenser quantity (pcs)	1		1		1		1		1			
Condenser dimensions (L×W×H mm)	1080×670×744		1030×896×1354		1030×896×1354		1030×896×1354		1150×996×1454			
Model	WCC060		WCC100		WCC100		WCC100		WCC140			
Heat exchanger material	Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type			
Heat exchange (kW)	80		114		114		114		175		</	

# SWHP-SE Series Technical Parameter Table

Model	SWHP060SE-A		SWHP080SE-A		SWHP100SE-A		SWHP100SE-B		SWHP140SE-B	
	Heat capacity	Cooling capacity	Heat capacity	Cooling capacity	Heat capacity	Cooling capacity	Heat capacity	Cooling capacity	Heat capacity	Cooling capacity
Heat/cold output (kW) (Return air 27°C, RH 60%, Water temperature 26°C)	72.9	54.0	89.4	68.2	109.5	82.0	110.4	82.9	156.5	119.5
Dehumidification (kg/h)	38.0	28.1	50.0	38.1	54.0	41.1	57.0	43.1	82.0	61.0
Heat/cold output (kW) (Return air 30°C, RH 60%, Water temperature 28°C)	80.2	59.4	98.3	75.0	120.4	90.2	121.4	91.2	172.2	131.5
Dehumidification (kg/h)	52.0	39.0	69.0	52.0	81.0	61.0	109.0	81.0	141.7	109.0
Fresh air dehumidification volume corresponds to air volume(m³/h)	5400		5400		5400		5400		7020	
Refrigerant model	R410A		R410A		R410A		R410A		R410A	
Air volume range(m³/h)	6700-13500		9300-13500		11000-13500		13500-20000		15200-30500	
Air pressure (Pa) (standard configuration can be customized within the appropriate range)	400		400		400		400		400	
Fan quantity	1		1		1		1		1	
Fan type	Forward centrifugal		Forward centrifugal		Forward centrifugal		Forward centrifugal		Forward centrifugal	
Fan power (kW)	5.5 or 7.5		5.5 or 7.5		5.5 or 7.5		7.5 or 11		11 or 15	
Air volume range(m³/h)	4300		4300		4300		7200		9000	
Air pressure (Pa) (standard configuration can be customized within the appropriate range)	400		400		400		400		400	
Fan quantity	1		1		1		1		1	
Fan type	Forward centrifugal		Forward centrifugal		Forward centrifugal		Forward centrifugal		Forward centrifugal	
Fan power (kW)	2.2		2.2		2.2		4		4	
Compressor type	Vortex type		Vortex type		Vortex type		Vortex type		Vortex type	
Compressor standard quantity	2		2		2		2		2	
Rated power of single compressor (kW)	9.46		10.58		13.73		13.73		18.5	
Rated current of single compressor (A)	20.7		21.4		27.6		27.6		38	
Locked-rotor current of single compressor (A)	142		147		197		197		215	
Heat exchanger material	Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type	
Heat exchange (kW)	73	80	90	98	110	120	110	120	157	172
Water resistance (kPa)	112		112		112		105		110	
Working pressure on water side (MPa)	1.0		1.0		1.0		1.0		1.0	
Maximum water temperature (°C)	40		40		40		40		40	
Water flow (m³/h)	12.5	13.7	15.5	16.8	19	20.5	19	20.5	27	29.5
Connection size	de63		de63		de63		de63		de63	
Air filter (standard)	G4 primary filter		G4 primary filter		G4 primary filter		G4 primary filter		G4 primary filter	
Model	ACC060-B		ACC100-B		ACC100-B		ACC100-B		ACC140	
Heat dissipation of outdoor air-cooled condenser (kW)	80		114		114		114		175	
Standard air volume (m³/h)	28000		34000		34000		34000		51000	
Standard quantity fans (sets)	2		2		2		2		3	
Fan type	Axial flow type		Axial flow type		Axial flow type		Axial flow type		Axial flow type	
Fan power (kW)	1.1×2		1.4×2		1.4×2		1.4×2		2.62×3	
Condenser dimensions (L×W×H mm)	1919×1129×996		2192×1295×996		2192×1295×996		2192×1295×996		4128×1125×705	
Condenser weight (kg)	210		226		226		226		320	
Condenser quantity (pcs)	1		1		1		1		1	
Model	WCC060		WCC100		WCC100		WCC100		WCC140	
Heat exchanger material	Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type	
Heat exchange (kW)	80		114		114		114		175	
Water resistance (kPa)	50		110		110		110		110	
Working pressure on water side (MPa)	1.0		1.0		1.0		1.0		1.0	
Inlet and outlet water temperature (°C)	30/35		30/35		30/35		30/35		30/35	
Water flow (m³/h)	13.7		19.5		19.5		19.5		30	
Connection size (mm)	DN40		DN50		DN50		DN50		DN50	
Condenser weight (kg)	103		200		200		200		260	
Condenser quantity (pcs)	1		1		1		1		1	
Condenser dimensions (L×W×H mm)	1080×670×744		1030×896×1354		1030×896×1354		1030×896×1354		1150×996×1454	
Model	WCC060		WCC100		WCC100		WCC100		WCC140	
Heat exchanger material	Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type	
Heat exchange (kW)	80		114		114		114		175	
Water resistance (kPa)	50		110		110		110		110	
Working pressure on water side (MPa)	1.0		1.0		1.0		1.0		1.0	
Inlet and outlet water temperature (°C)	7.0/12		7.0/12		7.0/12		7.0/12		7.0/12	
Water flow (m³/h)	13.7		19.5		19.5		19.5		30	
Connection size (mm)	DN40		DN50		DN50		DN50		DN65	
Condenser weight (kg)	103		200		200		200		260	
Condenser quantity (pcs)	1		1		1		1		1	
Condenser dimensions (L×W×H mm)	1080×670×744		1030×896×1354		1030×896×1354		1030×896×1354		1150×996×1454	
Model	WCC060		WCC100		WCC100		WCC100		WCC140	
Heat exchanger material	Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type	
Heat exchange (kW)	80		114		114		114		175	
Water resistance (kPa)	50		110		110		110		110	
Working pressure on water side (MPa)	1.0		1.0		1.0		1.0		1.0	
Inlet and outlet water temperature (°C)	7.0/12		7.0/12		7.0/12		7.0/12		7.0/12	
Water flow (m³/h)	13.7		19.5		19.5		19.5		30	
Connection size (mm)	DN40		DN50		DN50		DN50		DN65	
Condenser weight (kg)	103		200		200		200		260	
Condenser quantity (pcs)	1		1		1		1		1	
Condenser dimensions (L×W×H mm)	1080×670×744		1030×896×1354		1030×896×1354		1030×896×1354		1150×996×1454	
Model	WCC060		WCC100		WCC100		WCC100		WCC140	
Heat exchanger material	Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type	
Heat exchange (kW)	80		114		114		114		175	
Water resistance (kPa)	50		110		110		110		110	
Working pressure on water side (MPa)	1.0		1.0		1.0		1.0		1.0	
Inlet and outlet water temperature (°C)	7.0/12		7.0/12		7.0/12		7.0/12		7.0/12	
Water flow (m³/h)	13.7		19.5		19.5		19.5		30	
Connection size (mm)	DN40		DN50		DN50		DN50		DN65	
Condenser weight (kg)	103		200		200		200		260	
Condenser quantity (pcs)	1		1		1		1		1	
Condenser dimensions (L×W×H mm)	1080×670×744		1030×896×1354		1030×896×1354		1030×896×1354		1150×996×1454	
Model	WCC060		WCC100		WCC100		WCC100		WCC140	
Heat exchanger material	Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type	
Heat exchange (kW)	80		114		114		114		175	
Water resistance (kPa)	50		110		110		110		110	
Working pressure on water side (MPa)	1.0		1.0		1.0		1.0		1.0	
Inlet and outlet water temperature (°C)	7.0/12		7.0/12		7.0/12		7.0/12		7.0/12	
Water flow (m³/h)	13.7		19.5		19.5		19.5		30	
Connection size (mm)	DN40		DN50		DN50		DN50		DN65	
Condenser weight (kg)	103		200		200		200		260	
Condenser quantity (pcs)	1		1		1		1		1	
Condenser dimensions (L×W×H mm)	1080×670×744		1030×896×1354		1030×896×1354		1030×896×1354		1150×996×1454	
Model	WCC060		WCC100		WCC100		WCC100		WCC140	
Heat exchanger material	Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type	
Heat exchange (kW)	80		114		114		114		175	
Water resistance (kPa)	50		110		110		110		110	
Working pressure on water side (MPa)	1.0		1.0		1.0		1.0		1.0	
Inlet and outlet water temperature (°C)	7.0/12		7.0/12		7.0/12		7.0/12		7.0/12	
Water flow (m³/h)	13.7		19.5		19.5		19.5		30	
Connection size (mm)	DN40		DN50		DN50		DN50		DN65	
Condenser weight (kg)	103		200		200		200		260	
Condenser quantity (pcs)	1		1		1		1		1	
Condenser dimensions (L×W×H mm)	1080×670×744		1030×896×1354		1030×896×1354		1030×896×1354		1150×996×1454	
Model	WCC060		WCC100		WCC100		WCC100		WCC140	
Heat exchanger material	Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type	
Heat exchange (kW)	80		114		114		114		175	
Water resistance (kPa)	50		110		110		110		110	
Working pressure on water side (MPa)	1.0		1.0		1.0		1.0		1.0	
Inlet and outlet water temperature (°C)	7.0/12		7.0/12		7.0/12		7.0/12		7.0/12	
Water flow (m³/h)	13.7		19.5		19.5		19.5		30	
Connection size (mm)	DN40		DN50		DN50		DN50		DN65	
Condenser weight (kg)	103		200		200		200		260	
Condenser quantity (pcs)	1		1		1		1		1	
Condenser dimensions (L×W×H mm)	1080×670×744		1030×896×1354		1030×896×1354		1030×896×1354		1150×996×1454	
Model	WCC060		WCC100		WCC100		WCC100		WCC140	
Heat exchanger material	Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type	
Heat exchange (kW)	80		114		114		114		175	
Water resistance (kPa)	50		110		110		110		110	
Working pressure on water side (MPa)	1.0		1.0		1.0		1.0		1.0	
Inlet and outlet water temperature (°C)	7.0/12		7.0/12		7.0/12		7.0/12		7.0/12	
Water flow (m³/h)	13.7		19.5		19.5		19.5		30	
Connection size (mm)	DN40		DN50		DN50		DN50		DN65	
Condenser weight (kg)	103		200		200		200		260	
Condenser quantity (pcs)	1		1		1		1		1	
Condenser dimensions (L×W×H mm)	1080×670×744		1030×896×1354		1030×896×1354		1030×896×1354		1150×996×1454	
Model	WCC060		WCC100		WCC100		WCC100		WCC140	
Heat exchanger material	Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type		Copper-nickel alloy sleeve type	
Heat exchange (kW)	80		114		114		114		175	
Water resistance (kPa)	50		110		110		110		110	
Working pressure on water side (MPa)	1.0		1.0		1.0		1.0		1.0	
Inlet and outlet water temperature (°C)	7.0/12		7.0/12		7.0/12		7.0/12		7.0/12	
Water flow (m³/h)	13.7		19.5		19.5		19.5		30	
Connection size (mm)	DN40		DN50		DN50		DN50		DN65	
Condenser weight (kg)	103		200		200		200		260	
Condenser quantity (pcs)	1		1		1		1		1	
Condenser dimensions (L×W×H mm)	1080×670×744		1030×896×1354		1030×896×1354		1030×896×1354		1150×996×1454	
Model	WCC060		WCC100		WCC100		WCC100		WCC140	
Heat exchanger material	Copper-nickel alloy sleeve									

# SWHP SE系列

## SWHP SE series

普派克 SE 型内置有送风机和排风机。排风机置于蒸发盘管上游的回风管内，排风量约占循环风量的 30% 左右，在蒸发盘管和冷凝盘管之间的风板装有新风口，设备可设定成排风比新风多 10% 左右，以使室内泳池空间产生负压。

The Model SE expands the S model to include a pre-packaged exhaust fan and return air plenum system. The exhaust fan offers better control of air flow because the unit can now exhaust a predetermined amount of air from the poolroom for code requirements and for proper negative pool-room pressurization.

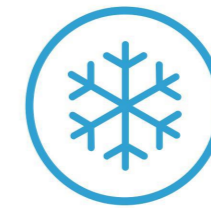


### SWHP SE系列设备特点

#### Construction Features of SWHP SE Series



精确控制相对湿度  
Precision Control  
Relative Humidity



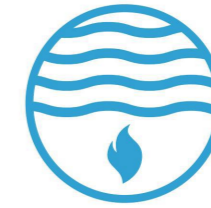
空间制冷  
Space  
Refrigeration



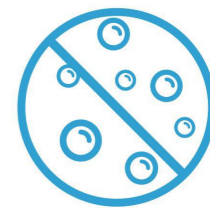
空间采暖  
Space  
Heating



新风与通风  
Fresh Air  
and Ventilation



池水加热  
Pool Water  
Heating



预防结露  
Prevent  
Condensation



**SWHP-S Series Technical Parameter Table**

Model		SWHP060S			SWHP080S			SWHP100S			SWHP140S		
NOMINAL CONDITION	Heat/cold output (kW) (Return air 27°C, RH 60%, Water temperature 26°C)	Heat capacity		Cooling capacity		Heat capacity		Cooling capacity		Heat capacity		Cooling capacity	
		72.9	54.0	89.4	68.2	109.5	82.0	156.5	119.5				
DESIGN CONDITION	Heat/cold output (kW) (Return air 30°C, RH 60%, Water temperature 28°C)	Heat capacity		Cooling capacity		Heat capacity		Cooling capacity		Heat capacity		Cooling capacity	
		80.2	59.4	98.3	75.0	120.4	90.2	172.2	131.5				
Dehumidification (kg/h)		Nominal working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity	Nominal working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity	Nominal working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity	Nominal working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity
Fresh air dehumidification volume corresponds to air volume(m³/h)		540.0			540.0			540.0			702.0		
Fan	Refrigerant model	R410A			R410A			R410A			R410A		
	Air volume range(m³/h)	6700-13500			9300-13500			11000-13500			15200-30500		
	Air pressure (Pa) (standard configuration can be customized within the appropriate range)	400			400			400			400		
	Fan quantity	1			1			1			1		
	Fan type	Backward centrifugal			Backward centrifugal			Backward centrifugal			Backward centrifugal		
	Fan power (kW)	5.5 or 7.5			5.5 or 7.5			5.5 or 7.5			11 or 15		
Compressor	Compressor type	Vortex type			Vortex type			Vortex type			Vortex type		
	Compressor standard quantity	2			2			2			2		
	Rated power of single compressor (kW)	9.46			10.58			13.73			18.5		
	Rated current of single compressor (A)	20.7			21.4			27.6			38		
	Locked-rotor current of single compressor (A)	142			147			197			215		
Pool Water Condenser	Heat exchanger material	Copper-nickel alloy sleeve type			Copper-nickel alloy sleeve type			Copper-nickel alloy sleeve type			Copper-nickel alloy sleeve type		
	Heat exchange (kW)	73 Nominal work condition	80 Design work condition	90 Nominal work condition	98 Design work condition	110 Nominal work condition	120 Design work condition	157 Nominal work condition	172 Design work condition				
	Water resistance (kPa)	114			114			110			110		
	Working pressure on water side (MPa)	1.0			1.0			1.0			1.0		
	Maximum water temperature (°C)	40			40			40			40		
	Water flow (m³/h)	12.5 Nominal work condition	13.7 Design work condition	15.5 Nominal work condition	16.8 Design work condition	19 Nominal work condition	20.5 Design work condition	27 Nominal work condition	29.5 Design work condition				
Air-cooled condenser	Air filter (standard)	G4 primary filter			G4 primary filter			G4 primary filter			G4 primary filter		
	Model	ACC060-B			ACC100-B			ACC100-B			ACC140		
	Heat dissipation of outdoor air-cooled condenser (kW)	80			114			114			175		
	Standard air volume (m³/h)	28000			34000			34000			51000		
	Standard quantity fans (sets)	2			2			2			3		
	Fan type	Axial flow type			Axial flow type			Axial flow type			Axial flow type		
	Fan power (kW)	1.1×2			1.4×2			1.4×2			2.62×3		
	Condenser dimensions (L×W×H mm)	1919×1129×996			2192×1295×996			2192×1295×996			4128×1125×705		
	Condenser weight (kg)	210			226			226			320		
	Condenser quantity (pcs)	1			1			1			1		
Cooling water condenser (30-35°)	Model	WCC060			WCC100			WCC100			WCC140		
	Heat exchanger material	Copper-nickel alloy sleeve type			Copper-nickel alloy sleeve type			Copper-nickel alloy sleeve type			Copper-nickel alloy sleeve type		
	Heat exchange (kW)	80			114			114			175		
	Water resistance (kPa)	50			110			110			110		
	Working pressure on water side (MPa)	1.0			1.0			1.0			1.0		
	Inlet and outlet water temperature (°C)	30/35			30/35			30/35			30/35		
	Water flow (m³/h)	13.7			19.5			19.5			30		
	Connection size (mm)	DN40			DN50			DN50			DN65		
	Condenser weight (kg)	103			200			200			260		
	Condenser quantity (pcs)	1			1			1			1		
Chilling water condenser (7-12°)	Model	WCC060			WCC100			WCC100			WCC140		
	Heat exchanger material	Copper-nickel alloy sleeve type			Copper-nickel alloy sleeve type			Copper-nickel alloy sleeve type			Copper-nickel alloy sleeve type		
	Heat exchange (kW)	80			114			114			175		
	Water resistance (kPa)	50			110			110			110		
	Working pressure on water side (MPa)	1.0			1.0			1.0			1.0		
	Inlet and outlet water temperature (°C)	7.0/12			7.0/12			7.0/12			7.0/12		
	Water flow (m³/h)	13.7			19.5			19.5			30		
	Connection size (mm)	DN40			DN50			DN50			DN65		
	Condenser weight (kg)	103			200			200			260		
	Condenser quantity (pcs)	1			1			1			1		
Bulk-in coil	Built-in coil	Copper tube aluminum fin			Copper tube aluminum fin			Copper tube aluminum fin			Copper tube aluminum fin		
	Heat exchange (kW)	90			90			90			170×2		
	Water resistance (kPa)	16.84			16.84			16.84			69		
	Heat source (°C)	60/50			60/50			60/50			60/50		
	Water flow (m³/h)	7.8			7.8			7.8			15		
	Connection size	DN40			DN40			DN40			DN40		
Modularization	Dehumidifier operating power (V/P/Hz)	380/3/50			380/3/50			380/3/50			380/3/50		
	Distribution power circuit breaker current (A)	100			125			160			250		
	Dehumidifier dimensions (mm)	4400×1484×1500			4400×1484×1500			4400×1484×1500			4940×2540×1675		
	Modular segment quantity	2			2			2			2		
	Return air section size (mm)	1670×1484×1500			1670×1484×1500			1670×1484×1500			2005×2540×1675		

SWHP190S		SWHP220S			SWHP300S			SWHP340S			
Heat capacity		Cooling capacity		Heat capacity		Cooling capacity		Heat capacity		Cooling capacity	
179.0		134.0		218.9		164.0		315.0		241.0	
Nominal working condition dehumidify capacity		Fresh air dehumidify capacity		Nominal working condition dehumidify capacity		Fresh air dehumidify capacity		Nominal working condition dehumidify capacity		Fresh air dehumidify capacity	
93.0		108.0		111.0		153.8		167.0		193.8	
Design working condition dehumidify capacity		Fresh air dehumidify capacity		Design working condition dehumidify capacity		Fresh air dehumidify capacity		Design working condition dehumidify capacity		Fresh air dehumidify capacity	
124.0		141.7		146.0		201.8		221.0		254.3	
Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity	
201.0		201.0		264.8		264.8		360.8		377.8	
Heat capacity		Cooling capacity		Heat capacity		Cooling capacity		Heat capacity		Cooling capacity	
196.9		147.4		240.8		180.4		346.5		265.1	
Nominal working condition dehumidify capacity		Fresh air dehumidify capacity		Nominal working condition dehumidify capacity		Fresh air dehumidify capacity		Nominal working condition dehumidify capacity		Fresh air dehumidify capacity	
702.0		1000.0		146.0		347.8		221.0		497.3	
Design working condition dehumidify capacity		Fresh air dehumidify capacity		Design working condition dehumidify capacity		Fresh air dehumidify capacity		Design working condition dehumidify capacity		Fresh air dehumidify capacity	
124.0		141.7		146.0		201.8		221.0		254.3	
Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity	
702.0		1000.0		264.8		347.8		360.8		377.8	
Heat capacity		Cooling capacity		Heat capacity		Cooling capacity		Heat capacity		Cooling capacity	
179.0		134.0		218.9		164.0		315.0		241.0	
Nominal working condition dehumidify capacity		Fresh air dehumidify capacity		Nominal working condition dehumidify capacity		Fresh air dehumidify capacity		Nominal working condition dehumidify capacity		Fresh air dehumidify capacity	
93.0		108.0		111.0		153.8		167.0		193.8	
Design working condition dehumidify capacity		Fresh air dehumidify capacity		Design working condition dehumidify capacity		Fresh air dehumidify capacity		Design working condition dehumidify capacity		Fresh air dehumidify capacity	
124.0		141.7		146.0		201.8		221.0		254.3	
Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity	
201.0		201.0		264.8		264.8		360.8		377.8	
Heat capacity		Cooling capacity		Heat capacity		Cooling capacity		Heat capacity		Cooling capacity	
196.9		147.4		240.8		180.4		346.5		265.1	
Nominal working condition dehumidify capacity		Fresh air dehumidify capacity		Nominal working condition dehumidify capacity		Fresh air dehumidify capacity		Nominal working condition dehumidify capacity		Fresh air dehumidify capacity	
702.0		1000.0		146.0		347.8		221.0		497.3	
Design working condition dehumidify capacity		Fresh air dehumidify capacity		Design working condition dehumidify capacity		Fresh air dehumidify capacity		Design working condition dehumidify capacity		Fresh air dehumidify capacity	
124.0		141.7		146.0		201.8		221.0		254.3	
Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity	
702.0		1000.0		264.8		347.8		360.8		377.8	
Heat capacity		Cooling capacity		Heat capacity		Cooling capacity		Heat capacity		Cooling capacity	
179.0		134.0		218.9		164.0		315.0		241.0	
Nominal working condition dehumidify capacity		Fresh air dehumidify capacity		Nominal working condition dehumidify capacity		Fresh air dehumidify capacity		Nominal working condition dehumidify capacity		Fresh air dehumidify capacity	
93.0		108.0		111.0		153.8		167.0		193.8	
Design working condition dehumidify capacity		Fresh air dehumidify capacity		Design working condition dehumidify capacity		Fresh air dehumidify capacity		Design working condition dehumidify capacity		Fresh air dehumidify capacity	
124.0		141.7		146.0		201.8		221.0		254.3	
Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity	
201.0		201.0		264.8		264.8		360.8		377.8	
Heat capacity		Cooling capacity		Heat capacity		Cooling capacity		Heat capacity		Cooling capacity	
196.9		147.4		240.8		180.4		346.5		265.1	
Nominal working condition dehumidify capacity		Fresh air dehumidify capacity		Nominal working condition dehumidify capacity		Fresh air dehumidify capacity		Nominal working condition dehumidify capacity		Fresh air dehumidify capacity	
702.0		1000.0		146.0		347.8		221.0		497.3	
Design working condition dehumidify capacity		Fresh air dehumidify capacity		Design working condition dehumidify capacity		Fresh air dehumidify capacity		Design working condition dehumidify capacity		Fresh air dehumidify capacity	
124.0		141.7		146.0		201.8		221.0		254.3	
Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity	
702.0		1000.0		264.8		347.8		360.8		377.8	
Heat capacity		Cooling capacity		Heat capacity		Cooling capacity		Heat capacity		Cooling capacity	
179.0		134.0		218.9		164.0		315.0		241.0	
Nominal working condition dehumidify capacity		Fresh air dehumidify capacity		Nominal working condition dehumidify capacity		Fresh air dehumidify capacity		Nominal working condition dehumidify capacity		Fresh air dehumidify capacity	
93.0		108.0		111.0		153.8		167.0		193.8	
Design working condition dehumidify capacity		Fresh air dehumidify capacity		Design working condition dehumidify capacity		Fresh air dehumidify capacity		Design working condition dehumidify capacity		Fresh air dehumidify capacity	
124.0		141.7		146.0		201.8		221.0		254.3	
Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity	
201.0		201.0		264.8		264.8		360.8		377.8	
Heat capacity		Cooling capacity		Heat capacity		Cooling capacity		Heat capacity		Cooling capacity	
196.9		147.4		240.8		180.4		346.5		265.1	
Nominal working condition dehumidify capacity		Fresh air dehumidify capacity		Nominal working condition dehumidify capacity		Fresh air dehumidify capacity		Nominal working condition dehumidify capacity		Fresh air dehumidify capacity	
702.0		1000.0		146.0		347.8		221.0		497.3	
Design working condition dehumidify capacity		Fresh air dehumidify capacity		Design working condition dehumidify capacity		Fresh air dehumidify capacity		Design working condition dehumidify capacity		Fresh air dehumidify capacity	
124.0		141.7		146.0		201.8		221.0		254.3	
Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity	
702.0		1000.0		264.8		347.8		360.8		377.8	
Heat capacity		Cooling capacity		Heat capacity		Cooling capacity		Heat capacity		Cooling capacity	
179.0		134.0		218.9		164.0		315.0		241.0	
Nominal working condition dehumidify capacity		Fresh air dehumidify capacity		Nominal working condition dehumidify capacity		Fresh air dehumidify capacity		Nominal working condition dehumidify capacity		Fresh air dehumidify capacity	
93.0		108.0		111.0		153.8		167.0		193.8	
Design working condition dehumidify capacity		Fresh air dehumidify capacity		Design working condition dehumidify capacity		Fresh air dehumidify capacity		Design working condition dehumidify capacity		Fresh air dehumidify capacity	
124.0		141.7		146.0		201.8		221.0		254.3	
Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity		Total dehumidify capacity	
201.0		201.0		264.8		264.8		360.8		377.8	
Heat capacity		Cooling capacity		Heat capacity		Cooling capacity		Heat capacity		Cooling capacity	
196.9		147.4		240.8		180.4		346.5		265.1	
Nominal working condition dehumidify capacity		Fresh air dehumidify capacity		Nominal working condition dehumidify capacity		Fresh air dehumidify capacity		Nominal working condition dehumidify capacity			

# SWHP-S(SE)-R410A Series Technical Parameter Table

Model		SWHP040S			SWHP050S			SWHP050SL		
NOMINAL CONDITION	Heat/cold output (kW) (Return air 27°C, RH 60%, Water temperature 26°C)	Heat capacity		Cooling capacity		Heat capacity		Cooling capacity		
	Dehumidification (kg/h)	46.9		34.8		58.8		45.1		
		Nominal working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity	Nominal working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity	Nominal working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity
		24.4	55.4	79.7	30.0	55.4	85.4	30.0	55.4	85.4
DESIGN CONDITION	Heat/cold output (kW) (Return air 37°C, RH 60%, Water temperature 28°C)	Heat capacity		Cooling capacity		Heat capacity		Cooling capacity		
	Dehumidification (kg/h)	51.6		38.3		64.7		49.6		
		Design working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity	Design working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity	Design working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity
		26.8	72.7	99.5	37.0	72.7	109.7	37.0	72.7	109.7
Fresh air dehumidification volume corresponds to air volume(m³/h)		3600			3600			3600		
Refrigerant model		R410A			R410A			R410A		
Air volume range(m³/h)		6700-13500			6700-13500			6700-13500		
Fan	Air pressure (Pa) (standard configuration can be customized within the appropriate range)	400			400			400		
	Fan quantity	1			1			1		
	Fan type	Forward centrifugal			Forward centrifugal			Forward centrifugal		
	Fan power (kW)	5.5			5.5			5.5 or 7.5		
	Compressor type	Vortex type			Vortex type			Vortex type		
Compressor	Compressor standard quantity	1			1			1		
	Rated power of single compressor (kW)	12.15			13.73			13.73		
	Rated current of single compressor (A)	22.4			27.6			27.6		
	Locked-rotor current of Single compressor (A)	158			197			197		
Pool Water Condenser	Heat exchanger material	Titanium alloy square shell			Titanium alloy square shell			Titanium alloy square shell		
	Heat exchange (kW)	11			11			11		
	Water resistance (kPa)	15.4			15.4			15.4		
	Working pressure on water side (MPa)	0.8			0.8			0.8		
	Maximum water temperature (°C)	40			40			40		
	Water flow (m³/h)	3.78			3.78			3.78		
Connection size	de50			de50			de50			
Air-cooled condenser	Air filter (standard)	G4 primary filter			G4 primary filter			G4 primary filter		
	Model	ACC4000-B			ACC4000-B			ACC4000-B		
	Heat dissipation of outdoor air-cooled condenser (kW)	55			55			55		
	Standard air volume (m³/h)	14000			14000			14000		
	Standard quantity fans (sets)	2			2			2		
	Fan type	Axial flow type			Axial flow type			Axial flow type		
	Fan power (kW)	0.8×2			0.8×2			0.8×2		
	Condenser dimensions (L×W×H mm)	1832×1083×906			1832×1083×906			1832×1083×906		
	Condenser weight (kg)	122			122			122		
Condenser quantity (pcs)	1			1			1			
Cooling water condenser	Model	WCC4000			WCC4000			WCC4000		
	Heat exchanger material	Copper-nickel alloy sleeve type			Copper-nickel alloy sleeve type			Copper-nickel alloy sleeve type		
	Heat exchange (kW)	55			55			55		
	Water resistance (kPa)	50			50			50		
	Working pressure on water side (MPa)	1.0			1.0			1.0		
	Inlet and outlet water temperature (°C)	30/35			30/35			30/35		
	Water flow (m³/h)	9.45			9.45			9.45		
	Connection size (mm)	DN50			DN50			DN50		
	Condenser weight (kg)	165			165			165		
Condenser quantity (pcs)	1			1			1			
Condenser dimensions (L×W×H mm)	1250×996×954			1250×996×954			1250×996×954			
Chilling water condenser	Model	WCC4000			WCC4000			WCC4000		
	Heat exchanger material	Copper-nickel alloy sleeve type			Copper-nickel alloy sleeve type			Copper-nickel alloy sleeve type		
	Heat exchange (kW)	55			55			55		
	Water resistance (kPa)	50			50			50		
	Working pressure on water side (MPa)	1.0			1.0			1.0		
	Inlet and outlet water temperature (°C)	7.0/12			7.0/12			7.0/12		
	Water flow (m³/h)	9.45			9.45			9.45		
	Connection size (mm)	DN50			DN50			DN50		
	Condenser weight (kg)	165			165			165		
Condenser quantity (pcs)	1			1			1			
Condenser dimensions (L×W×H mm)	1250×996×954			1250×996×954			1250×996×954			
Bulk-in coil	Built-in coil	/			/			Copper tube aluminum fin		
	Heat exchange (kW)	/			/			90		
	Water resistance (kPa)	/			/			16.84		
	Heat source (°C)	/			/			60/50		
	Water flow (m³/h)	/			/			7.8		
	Connection size	/			/			DN40		
Dehumidifier operating power (V/P/Hz)	380/3/50			380/3/50			380/3/50			
Distribution power circuit breaker current (A)	80			80			80			
Dehumidifier dimensions (mm)	2550×1484×1595			2550×1484×1595			3300×1484×1595			
Modularization	Modular segment quantity	2			2			2		
	Return air section size (mm)	1389×1484×1595			1389×1484×1595			1389×1484×1595		
	Air supply section size (mm)	1326×1484×1595			1326×1484×1595			2085×1484×1595		
	Dehumidifier weight (kg)	800			850			950		

SWHP050SE			SWHP050SEL			SWHP070S			SWHP070SE		
Heat capacity		Cooling capacity	Heat capacity		Cooling capacity	Heat capacity		Cooling capacity	Heat capacity		Cooling capacity
58.5		45.1	58.5		45.1	92.7		70.2	92.7		70.2
Nominal working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity	Nominal working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity	Nominal working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity	Nominal working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity
30.0	55.4	85.4	30.0	55.4	85.4	42.0	83.1	125.1	42.0	83.1	125.1
Heat capacity		Cooling capacity	Heat capacity		Cooling capacity	Heat capacity		Cooling capacity	Heat capacity		Cooling capacity
64.7		49.6	64.7		49.6	102.0		77.2	102.0		77.2
Design working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity	Design working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity	Design working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity	Design working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity
37.0	72.7	109.7	37.0	72.7	109.7	52.0	109.0	161.0	52.0	109.0	161.0
3600			3600			5400			5400		
R410A			R410A			R410A			R410A		
6700-13500			6700-13500			9300-14000			9300-14000		
400			400			400			400		
2			2			1			2		
Forward centrifugal			Forward centrifugal			Forward centrifugal			Forward centrifugal		
5.5+2.2			5.5 or 7.5+2.2			5.5 or 7.5			5.5 or 7.5+2.2		
Vortex type			Vortex type			Vortex type			Vortex type		
1			1			1			1		
13.73			13.73			22.51			22.51		
27.6			27.6			46.4			46.4		
197			197			260			260		
Titanium alloy square shell			Titanium alloy square shell			Titanium alloy square shell			Titanium alloy square shell		
11			11			20			20		
15.4			15.4			50			50		
0.8			0.8			0.6			0.6		
40			40			40			40		
3.78			3.78			3.78			3.78		
de50			de50			de50			de50		
G4 primary filter			G4 primary filter			G4 primary filter			G4 primary filter		
ACC4000-B			ACC4000-B			ACC100-B			ACC100-B		
55			55			114			114		
14000			14000			34000			34000		
2			2			2			2		
Axial flow type			Axial flow type			Axial flow type			Axial flow type		
0.8×2			0.8×2			1.4×2			1.4×2		
1832×1083×906			1832×1083×906			2192×1295×996			2192×1295×996		
122			122			226			226		
1			1			1			1		
WCC4000			WCC4000			WCC100			WCC100		
Copper-nickel alloy sleeve type			Copper-nickel alloy sleeve type			Copper-nickel alloy sleeve type			Copper-nickel alloy sleeve type		
55			55			114			114		
50			50			110			110		
1.0			1.0			1.0			1.0		
30/35			30/35			30/35			30/35		
9.45			9.45			19.5			19.5		
DN50			DN50			DN50			DN50		
165			165			200			200		
1			1			1			1		
1250×996×954			1250×996×954			1030×896×1354			1030×896×1354		
WCC4000			WCC4000			WCC100			WCC100		
Copper-nickel alloy sleeve type			Copper-nickel alloy sleeve type			Copper-nickel alloy sleeve type			Copper-nickel alloy sleeve type		
55			55			114			114		
50			50			110			110		
1.0			1.0			1.0			1.0		
7.0/12			7.0/12			7.0/12			7.0/12		
9.45			9.45			19.5			19.5		
DN50			DN50			DN50			DN50		
165			165			200			200		
1			1			1			1		
1250×996×954			1250×996×954			1030×896×1354			1030×896×1354		
/			Copper tube aluminum fin			Copper tube aluminum fin			Copper tube aluminum fin		
/			90			90			90		
/			16.84			16.84			16.84		
/			60/50			60/50			60/50		
/			7.8			7.8			7.8		
/			DN40			DN40			DN40		
380/3/50			380/3/50			380/3/50			380/3/50		
80			80			100			100		
2550×1484×1595			2550×1484×1595			3580×1484×1595			3580×1484×1595		
2			2			2			2		
1389×1484×1595			1389×1484×1595			1697×1484×1595			1697×1484×1595		
1326×1484×1595			1326×1484×1595			2085×1484×1595			2017×1484×1595		
800			850			1500			1600		

# AW系列

## AW series

专为小型的室内泳池设计，如酒店、理疗池或私家游泳池设计，PoolComPak-AW 是舒适和经济投资的理想方案。

PoolComPak 包含了许多标准普派克设备的功能，但设备布置更紧凑。普派克的控制系统可以把热量分配到空气和水中，而 PoolComPak 设备通过回收的能源能满足 80% 的泳池水加热要求。许多业主反映他们的 PoolComPak 系统在三至五年之内就收回了所有投资。

PoolComPak 系统采用更容易隐蔽的设计。所有通风和回风能像家用加热器那样用管道联接，使回风均匀地溢向墙和窗。可安置于墙上的 TD-3000 控制器（新款为 ECCPCP），使操作更简单。PoolComPak 能提供更舒适的空调功能，作为家用设备也更容易维护。所有设备提供一年零件质保，并且有全国的售后服务网络支持。

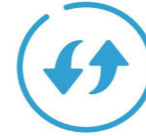
The PoolComPak AWW/AWH was designed for smaller indoor pool applications and manages the delicate balance of space temperature and humidity by using the least amount of energy possible. It's available in a vertical, indoor configuration and a horizontal model for either indoor or outdoor installation. The PoolComPak is a packaged system delivering dehumidification, pool water and air heating, ventilation and air conditioning in a single unit. AW series is used widely in Hotel/Motel, residential Indoor Pools, and Health & Therapy. A PoolPak will typical pay for itself within 3 to 5 years from unit startup.

The PoolComPak system uses more subtle design. All ventilation and return air can be connected by piping like a home heater, so that the return air is evenly spread to the wall and window. The TD-3000 controller (new version is eccp CP) that will be placed on the wall makes the operation easier. PoolComPak can provide more comfortable air conditioning functions. As a household equipment it is easier to maintain. All equipment are provided a one-year spare parts warranty, and has the national after-sales service network support.



### AW系列设备特点

#### Construction Features of AW Series



高效率长寿命的铜 - 镍合金材料的换热器，用回收的热量来加热游泳池水。

High - efficiency, long - life heat exchanger of copper - nickel alloy material heats the pool water with recovered heat.



为防止发霉，排水盘可以排掉冷凝水。

Moisture collected during the dehumidification process can be returned to the pool via the filter system (if allowed by code) or drained to the sewer.



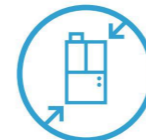
高效率的封闭式涡旋压缩机或定速往复热泵压缩机放置在与气流相隔的隔间内。外喷涂防腐材料的镀锌钢板增加抗腐蚀性。

The compressor and controls shall be located in a compartment out of the air stream. Surfaces adjacent to the coil compartment shall be insulated with insulation to prevent condensation. The cabinet shall be fabricated out of a minimum of 20 gauges G90 galvanized steel, non-corrosive, non-fouling.



镀锌钢板经过降噪处理。

Galvanized steel, non-corrosive, non-fouling and noise reduction.



小尺寸配置占用更小的机房，能在屋顶安装，新风罩组件可选用。垂直机型占用更小的空间，并且更适合放在游泳池过滤器和水泵的机房内。

Horizontal and Vertical Configurations - Fits Anywhere (installed on external roof or slab or inside mechanical room) .

AWV4000 For 160-250m<sup>2</sup>

AWV3500 For 110-165m<sup>2</sup>

AWV2600 For 85-115m<sup>2</sup>

AWV1800 For 60-95m<sup>2</sup>

AWV1200 For 30-70m<sup>2</sup>

哪一个型号更适合您的泳池?  
Which Type Is More Suitable  
For Your Pool?

# AW Series Technical Parameter Table

Model		AW1200			AW1800					
NOMINAL CONDITION	Heat/cold output (kW) (Return air 27°C, RH 60%, Water temperature 26°C)	Heat capacity		Cooling capacity		Heat capacity		Cooling capacity		
		21.2		15.5		32.9		25.1		
	Dehumidification (kg/h)	Nominal working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity	Nominal working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity			
DESIGN CONDITION	Heat/cold output (kW) (Return air 30°C, RH 65%, Water temperature 28°C)	Heat capacity		Cooling capacity		Heat capacity		Cooling capacity		
		23.3		17.1		36.2		27.6		
	Dehumidification (kg/h)	Nominal working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity	Nominal working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity			
Fresh air dehumidification volume corresponds to air volume(m³/h)		850			1360					
Refrigerant model		R410A			R410A					
Fan	Air volume range(m³/h)	2200-3600			3500-6800					
	Air pressure (Pa) (standard configuration can be customized within the appropriate range)	400			400					
	Fan quantity	1			1					
	Fan type	Forward centrifugal			Forward centrifugal					
	Fan power (kW)	1.5			3					
Compressor	Compressor type	Vortex type			Vortex type					
	Compressor standard quantity	1			1					
	Rated power of single compressor (kW)	5.7			7.8					
	Rated current of single compressor (A)	9.8			14.4					
	Locked-rotor current of Single compressor (A)	75			111					
Pool Water Condenser	Heat exchanger material	Copper-nickel alloy sleeve type			Copper-nickel alloy sleeve type					
	Heat exchange (kW)	3.4			5.3					
	Water resistance (kPa)	72			80					
	Working pressure on water side (MPa)	0.8			0.8					
	Maximum water temperature (°C)	40			40					
	Water flow (m³/h)	1.8			2.7					
	Connection size	de32			de32					
Air-cooled condenser Option 1:	Air filter (standard)	G4 primary filter			G4 primary filter					
	Model	ACC1200-B			ACC1800-B					
	Heat dissipation of outdoor air-cooled condenser (kW)	20			29					
	Standard air volume (m³/h)	4000			7500					
	Standard quantity fans (sets)	1			1					
	Fan type	Axial flow type			Axial flow type					
	Fan power (kW)	0.25			0.8					
	Condenser dimensions (L×W×H mm)	940×867×870			1032×958×906					
	Condenser weight (kg)	68			75					
	Condenser quantity (pcs)	1			1					
Cooling water condenser Option 2:	Model	WCC1200			WCC1800					
	Heat exchanger material	Copper-nickel alloy sleeve type			Copper-nickel alloy sleeve type					
	Heat exchange (kW)	20			29					
	Water resistance (kPa)	50			50					
	Working pressure on water side (MPa)	1.0			1.0					
	Inlet and outlet water temperature (°C)	30/35			30/35					
	Water flow (m³/h)	3.5			5					
	Connection size (mm)	DN32			DN32					
	Condenser weight (kg)	50			80					
	Condenser quantity (pcs)	1			1					
Chilling water condenser Option 3:	Model	WCC1200			WCC1800					
	Heat exchanger material	Copper-nickel alloy sleeve type			Copper-nickel alloy sleeve type					
	Heat exchange (kW)	20			29					
	Water resistance (kPa)	50			50					
	Working pressure on water side (MPa)	1.0			1.0					
	Inlet and outlet water temperature (°C)	7.0/12			7.0/12					
	Water flow (m³/h)	3.5			5					
	Connection size (mm)	DN32			DN32					
	Condenser weight (kg)	50			80					
	Condenser quantity (pcs)	1			1					
Dehumidifier operating power (V/P/Hz)		380/3/50			380/3/50					
Distribution power circuit breaker current (A)		25			40					
Dehumidifier dimensions (mm): AWV		1052×914×1293			1197×988×1586					

AW2600			AW3500			AW4000					
Heat capacity		Cooling capacity		Heat capacity		Cooling capacity		Heat capacity		Cooling capacity	
39.5		29.3		48.6		37.0		58.0		44.5	
Nominal working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity		Nominal working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity		Nominal working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity	
23.0	43.5	66.5		32.0	45.7	77.7		39.0	55.4	94.4	
Heat capacity		Cooling capacity		Heat capacity		Cooling capacity		Heat capacity		Cooling capacity	
43.5		32.2		53.5		40.7		63.8		49.0	
Nominal working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity		Nominal working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity		Nominal working condition dehumidify capacity	Fresh air dehumidify capacity	Total dehumidify capacity	
24.0	57.1	81.1		34.0	60.0	94.0		40.0	72.7	112.7	
2830			2970			3600					
R410A			R410A			R410A					
3900-10500			5900-13500			6700-13500					
400			400			400					
1			1			1					
Forward centrifugal			Forward centrifugal			Forward centrifugal					
4			5.5			5.5					
Vortex type			Vortex type			Vortex type					
1			1			1					
10.2			11.6			13.5					
18.3			20.8			26.3					
118			140			174					
Copper-nickel alloy sleeve type			Copper-nickel alloy sleeve type			Copper-nickel alloy sleeve type					
7.2			10.0			11.7					
102			124			130					
0.8			0.8			0.8					
40			40			40					
3.7			5.2			6.1					
de32			de32			de32					
G4 primary filter			G4 primary filter			G4 primary filter					
ACC2600-B			ACC4000-B			ACC4000-B					
40			55			55					
8000			14000			14000					
2			2			2					
Axial flow type			Axial flow type			Axial flow type					
0.25×2			0.8×2			0.8×2					
1582×868×906			1832×1083×906			1832×1083×906					
108			122			122					
1			1			1					
WCC2600			WCC4000			WCC4000					
Copper-nickel alloy sleeve type			Copper-nickel alloy sleeve type			Copper-nickel alloy sleeve type					
40			55			55					
50			50			50					
1.0			1.0			1.0					
30/35			30/35			30/35					
7			9.45			9.45					
DN32			DN50			DN50					
85			165			165					
1			1			1					
1030×656×854			1250×996×954			1250×996×954					
WCC2600			WCC4000			WCC4000					
Copper-nickel alloy sleeve type			Copper-nickel alloy sleeve type			Copper-nickel alloy sleeve type					
40			55			55					
50			50			50					
1.0			1.0			1.0					
7.0/12			7.0/12			7.0/12					
7			9.45			9.45					
DN32			DN50			DN50					
85			165			165					
1			1			1					
1030×656×854			1250×996×954			1250×996×954					
380/3/50			380/3/50			380/3/50					
50			63			80					
1236×1322×1885			1274×1728×1595			1274×1728×1595					

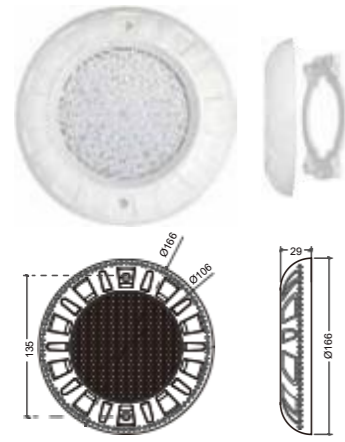
# 水下灯系列

Underwater light  
series



# 壁挂式水下灯

## PH REGULATOR (PH-, PH+)



DSL-WUL166



DSL-WUL168

可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters	产品特性 Product Features
DSL-WUL166-L6-A	6W		√	√	√	防水等级: IP68 镜片材质: PC 带菱角防炫目 光束度: 120° 工作温度: -20°C~48°C 适用于普通池高 / 高温池 Waterproof Grade: IP68 Lens Material: PC with Water Chestnut Anti-glare	灯体材质: ABS+UV Lamp Body Material  可选材质: 不锈钢 304/316L Optional Material: Stainless Steel 304/316L
DSL-WUL166-L12-A	12W	12V/24V	√	√	×		
DSL-WUL168-L6-S	6W	(AC/DC)	√	√	√		
DSL-WUL166-L12-S	12W		√	√	×		

## DSL-WUL295S-A/DSL-WUL295H-A



DSL-WUL295S-A

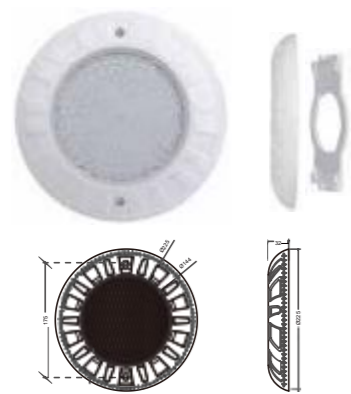
DSL-WUL295H-A

DSL-WUL295SV-A

DSL-WUL295HV-A

可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters	产品特性 Product Features
	12W		√	√	√		
DSL-WUL295S-A	18W		√	√	×	防水等级: IP68 灯体材质: ABS+UV 镜片材质: PC 带菱角防炫目	光束度: 120° Beam Intensity: 120°
DSL-WUL295SV-A	25W		√	√	×		
	35W	12V/24V	√	√	×		
	12W	(AC/DC)	√	√	√		
DSL-WUL295H-A	18W		√	√	×		光束度: 45°
DSL-WUL295HV-A	25W		√	√	×		Beam Intensity: 45°
	35W		√	√	×		

## DSL-WUL225/DSL-WUL238



DSL-WUL225



DSL-WUL238

可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters
DSL-WUL225-L12-A	12W		√	√	√	防水等级: IP68 灯体材质: ABS+UV 镜片材质: PC 带菱角防炫目 光束度: 120° Waterproof Grade: IP68 Lens Material: PC with Water Chestnut Anti-glare Beam Intensity: 120°
DSL-WUL225-L18-A	18W	12V/24V	√	√	×	
DSL-WUL238-L18-A	18W	(AC/DC)	√	√	×	
DSL-WUL238-L25-A	25W		√	√	×	

## DSL-WUL230S-S/DSL-WUL230H-S



DSL-WUL230S-S

DSL-WUL230H-S

可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters	产品特性 Product Features
DSL-WUL230S-S	7W	12V/24V (AC/DC)	√	√	×	防水等级: IP68 灯体材质: 不锈钢 304/316L 镜片材质: PC 可选边框颜色: 蓝色 / 白色 Waterproof Grade: IP68	光束度: 120° Beam Intensity: 120°
	12W		√	√	×		
	18W		√	√	×		
DSL-WUL230H-S	9W		√	√	√		光束度: 45° Beam Intensity: 45°
	12W		√	√	×		
	18W		√	√	×		

# 壁挂式水下灯

## PH REGULATOR (PH-, PH+)

### DSL-WUL300S-S/DSL-WUL300H-S



DSL-WUL300S-S

DSL-WUL300H-S

可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters	产品特性 Product Features
DSL-WUL300S-S	12W	12V/24V	√	√	√	防水等级: IP68 灯体材质: 不锈钢 304/316L 镜片材质: PC 可选边框颜色: 蓝色 / 白色	光束度: 120° Beam Intensity:120°
	18W		√	√	×		
	25W		√	√	×		
	35W		√	√	×		
DSL-WUL300H-S	12W	12V/24V	√	√	√	Waterproof Grade:IP68 Lamp Body Material: Stainless Steel 304/316L Lens Material: PC Optional Border Color: Blue/White	光束度: 45° Beam Intensity:45°
	18W		√	√	×		
	25W		√	√	×		
	35W		√	√	×		

### DSL-WUL152-S/DSL-WUL218-S

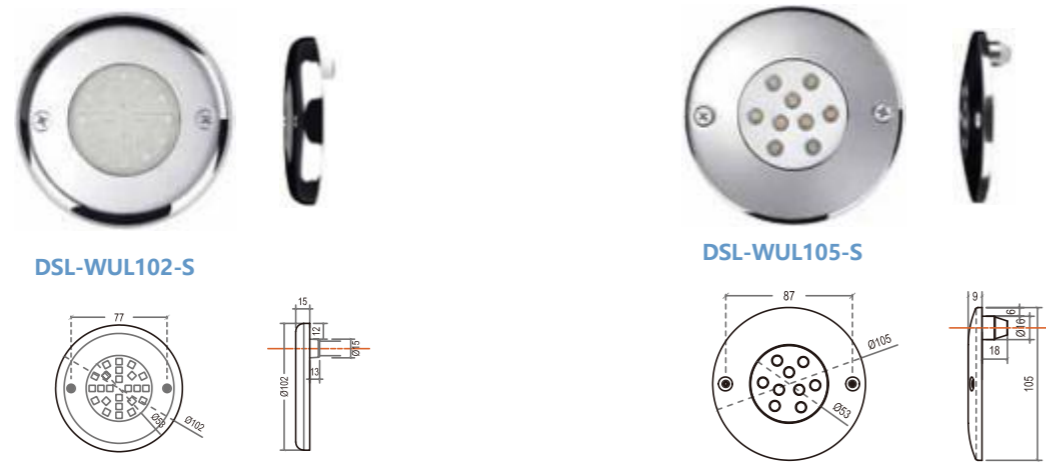


DSL-WUL152-S

DSL-WUL218-S

可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters	产品特性 Product Features
DSL-WUL152-S	12W	12V	√	√	√	防水等级: IP68 灯体材质: 不锈钢 304/316L 镜片材质: PC 可选边框颜色: 蓝色/白色	Waterproof Grade:IP68 Lamp Body Material: Stainless Steel 304/316L Lens Material: PC Optional Border Color: Blue/White
	18W		√	√	×		
DSL-WUL218-S	12W	(AC/DC)	√	√	√	光束度: 120° 防水工艺: 全灌胶	Beam Intensity: 120° Waterproof Process: Fully Filled with Adhesive
	18W		√	√	×		
	25W		√	√	×		

### DSL-WUL102-S/DSL-WUL105-S



DSL-WUL102-S

DSL-WUL105-S

可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters	产品特性 Product Features
DSL-WUL102-S	5W	12V(AC/DC)	√	√	×	防水等级: IP68 灯体材质: 不锈钢 304/316L 防水工艺: 全灌胶 光束度: 120°	镜片材质: PC Lens Material:PC
DSL-WUL105-S	9W	12V(DC)	√	√	×	Waterproof Grade:IP68 Lamp Body Material: Stainless Steel 304/316L Waterproof Process: Fully Filled with Adhesive Beam Intensity: 120°	镜片材质: / Lens Material:/

### DSL-WUL180S-S/DSL-WUL180H-S



DSL-WUL180S-S

DSL-WUL180H-S

可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters	产品特性 Product Features
DSL-WUL180S-S	9W	12V/24V	√	√	√	镜片材质: PC	光束度: 120° Beam Intensity:120°
	18W		√	√	×		
DSL-WUL180H-S	9W	(AC/DC)	√	√	×	Optional Border Color: Blue/White	. . .
	18W		√	√	×		

# 壁挂式水下灯

## PH REGULATOR (PH-, PH+)

### DSL-WUL220-S/DSL-WUL220-A



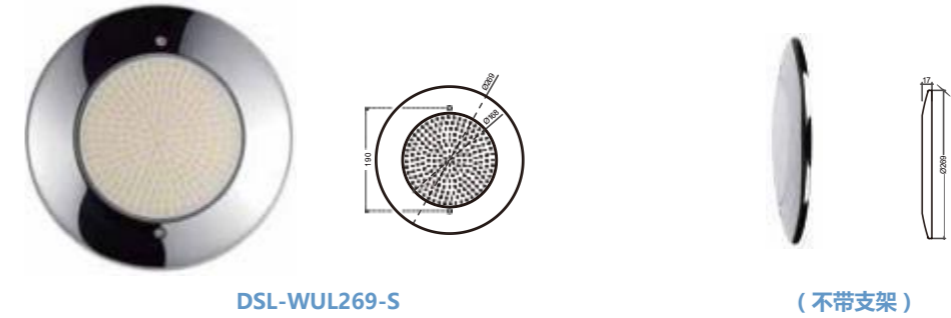
可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters	产品特性 Product Features
	12W	12V(AC/DC)	√	√	√		
	18W		√	√	×		
	25W		√	√	×		
	12W	12V(DC)	√	√	√		
	18W	√	√	×			
	25W	√	√	×			

### DSL-WUL228-S/DSL-WUL298-S



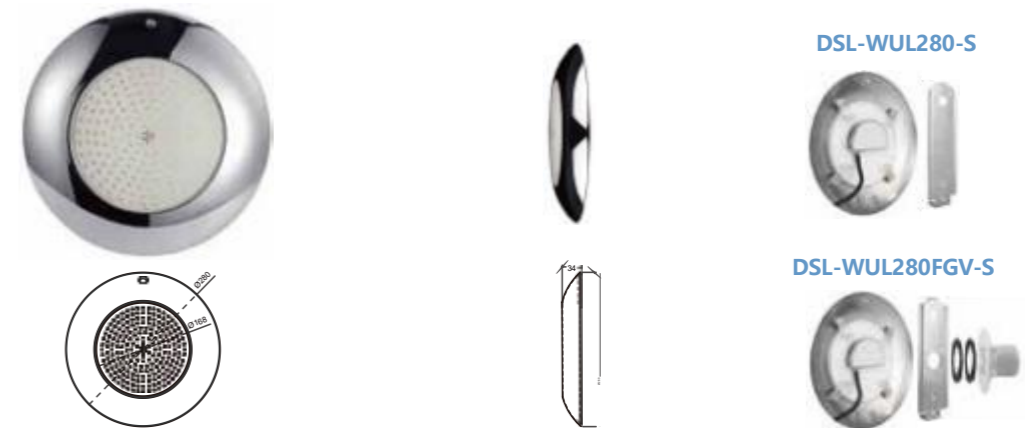
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DSL-WUL228-S	12W	12V/24V (AC/DC)	√	√	√	防水等级: IP68 灯体材质: 不锈钢 304/316L 镜片材质: PC 光束度: 120°
	18W		√	√	×	可选边框颜色: 蓝色 / 白色 防水工艺: 全灌胶
	18W		√	√	√	
DSL-WUL298-S	25W		√	√	×	Waterproof Grade: IP68 Lamp Body Material: Stainless Steel 304/316L Lens Material: PC Beam Intensity: 120°
	35W		√	√	×	Optional Border Color: Blue/White Waterproof Process: Fully Filled with Adhesive

### DSL-WUL269-S



可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters
DSL-WUL269-S	18W	12V/24V (AC/DC)	√	√	×	防水等级: IP68 灯体材质: 不锈钢 304/316L 镜片材质: PC
	25W		√	√	×	光束度: 120° 防水工艺: 全灌胶 Waterproof Grade: IP68
	35W		√	√	×	Lamp Body Material: Stainless Steel 304/316L Lens Material: PC Beam Intensity: 120° Waterproof Process: Fully Filled with Adhesive

### DSL-WUL280-S/DSL-WUL280FGV-S



可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters
DSL-WUL280-S	12W	12V/24V (AC/DC)	√	√	√	防水等级: IP68 灯体材质: 不锈钢 304/316L 镜片材质: PC 光束度: 120°
	18W		√	√	×	防水工艺: 全灌胶
	25W		√	√	×	Waterproof Grade: IP68 Lamp Body Material: Stainless Steel 304/316L Lens Material: PC Beam Intensity: 120°
DSL-WUL280FGV-S	35W		√	√	×	Waterproof Process: Fully Filled with Adhesive

# 壁挂式水下灯

## PH REGULATOR (PH-, PH+)

### DSL-WUL200-A/DSL-WUL220V-A/DSL-WUL200FGV-A



可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters	
DSL-WUL200-A	12W	12V/24V	√	√	√	防水等级: IP68 灯体材质: ABS+UV 镜片材质: PC	Waterproof Grade: IP68 Lamp Body Material: ABS+UV Lens Material: PC
	18W	(AC/DC)	√	√	×	防水工艺: 全灌胶 光束度: 120°	Waterproof Process: Fully Filled with Adhesive Beam Intensity 120°

### DSL-WUL270-A/DSL-WUL270V-A DSL-WUL270FG-A/DSL-WUL270FGV-A



可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters	
DSL-WUL270-A	12W		√	√	√	防水等级: IP68	Waterproof Grade: IP68
DSL-WUL270V-A	18W	12V/24V	√	√	×	灯体材质: ABS+UV 镜片材质: PC	Lamp Body Material: ABS+UV Lens Material: PC
DSL-WUL270FG-A DSL-WUL270FGV-A	25W 35W	(AC/DC)	√	√	×	防水工艺: 全灌胶 光束度: 120°	Waterproof Process: Fully Filled with Adhesive Beam Intensity 120°

### DSL-WUL242-A/DSL-WUL242V-A/DSL-WUL242FGV-A



可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters	
DSL-WUL242-A	12W		√	√	√	防水等级: IP68	Waterproof Grade: IP68
	18W	12V/24V	√	√	×	灯体材质: ABS+UV 镜片材质: PC	Lamp Body Material: ABS+UV Lens Material: PC
DSL-WUL242V-A DSL-WUL242FGV-A	25W 35W	(AC/DC)	√	√	×	防水工艺: 全灌胶 光束度: 120°	Waterproof Process: Fully Filled with Adhesive Beam Intensity 120°

### DSL-WUL290-A/DSL-WUL290V-A DSL-WUL290FG-A/DSL-WUL290FGV-A



可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters	
DSL-WUL290-A	12W		√	√	√	防水等级: IP68	Waterproof Grade: IP68
DSL-WUL290V-A	18W	12V/24V	√	√	×	灯体材质: ABS+UV 镜片材质: PC	Lamp Body Material: ABS+UV Lens Material: PC
DSL-WUL290FG-A DSL-WUL290FGV-A	25W 35W	(AC/DC)	√	√	×	防水工艺: 全灌胶 光束度: 120°	Waterproof Process: Fully Filled with Adhesive Beam Intensity 120°

# 壁挂式水下灯

## PH REGULATOR (PH-, PH+)

### DSL-WUL200-S/DSL-WUL200V-A/DSL-WUL200FGV-A



可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters
DSL-WUL200-S	12W	12V/24V (AC/DC)	√	√	√	防水等级: IP68 灯体材质: 不锈钢 304/316L 镜片材质: PC 防水工艺: 全灌胶 光束度: 120° Waterproof Grade: IP68 Lamp Body Material: Stainless Steel 304/316L Lens Material: PC Waterproof Process: Fully Filled with Adhesive Beam Intensity 120°
DSL-WUL200V-S	18W		√	√	×	
DSL-WUL200FGV-S	18W	√	√	×		

### DSL-WUL228-S/DSL-WUL298-S



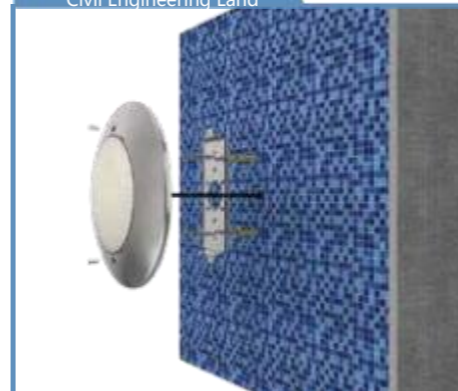
可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters
DSL-WUL270-S	12W	12V/24V (AC/DC)	√	√	√	防水等级: IP68 灯体材质: 不锈钢 304/316L 镜片材质: PC 防水工艺: 全灌胶 光束度: 120° Waterproof Grade: IP68 Lamp Body Material: Stainless Steel 304/316L Lens Material: PC Waterproof Process: Fully Filled with Adhesive Beam Intensity 120°
DSL-WUL270V-S	18W		√	√	×	
DSL-WUL270FG-S	25W	√	√	×		
DSL-WUL270FGV-S	35W	√	√	×		

### DSL-WUL290-S/DSL-WUL290V-S DSL-WUL290FG-S/DSL-WUL290FGV-S



可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters
DSL-WUL290-S	12W	12V/24V (AC/DC)	√	√	√	防水等级: IP68 灯体材质: 不锈钢 304/316L 镜片材质: PC 防水工艺: 全灌胶 光束度: 120° Waterproof Grade: IP68 Lamp Body Material: Stainless Steel 304/316L Lens Material: PC Waterproof Process: Fully Filled with Adhesive Beam Intensity 120°
DSL-WUL290V-S	18W		√	√	×	
DSL-WUL290FG-S	25W	√	√	×		
DSL-WUL290FGV-S	35W	√	√	×		

(1) 土建地  
Civil Engineering Land



(2) 胶膜池 (V)  
Glue Film Pool (V)



(3) 玻纤池 (FG) —— WM01  
Fiberglass Pool —— WM01



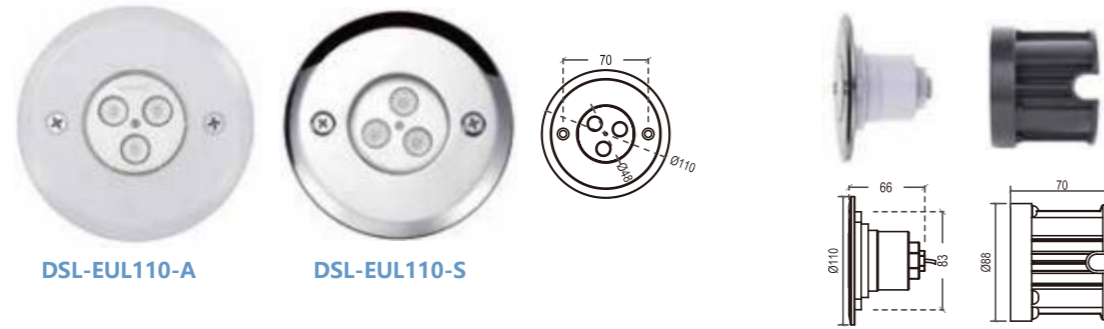
(3) 胶膜池&玻纤池 (FGV) —— WM03  
Glue Film Pool & Fiberglass Pool (FGV) —— WM03



# 嵌入式水下灯

## EMBEDDED UNDERWATER LIGHT

### DSL-EUL110-A/DSL-EUL110-S



可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters	产品特性 Product Features
DSL-EUL110-A	3W	12V/24V (AC/DC)	√	√	×	防水等级: IP68 镜片材质: PC 工作温度: -20°C~48°C 适用于普通池 / 高温池 光束度: 15° 30° 45° 60°	灯体材质: ABS+UV 面盖材质: PC Lamp Body Material:ABS+UV Cover Material:PC
DSL-EUL110-S						Waterproof Grade:IP68 Lens Material: PC Working Temperature:-20°C~480°C Suitable for Regular Swimming Pools/High-temperature Pools Beam Intensity: 15° 30° 45° 60°	灯体材质: ABS+UV 面盖材质: 不锈钢 316L Lamp Body Material:ABS+UV Cover Material: Stainless Steel 316L

### DSL-EUL195-A/DSL-EUL195-S



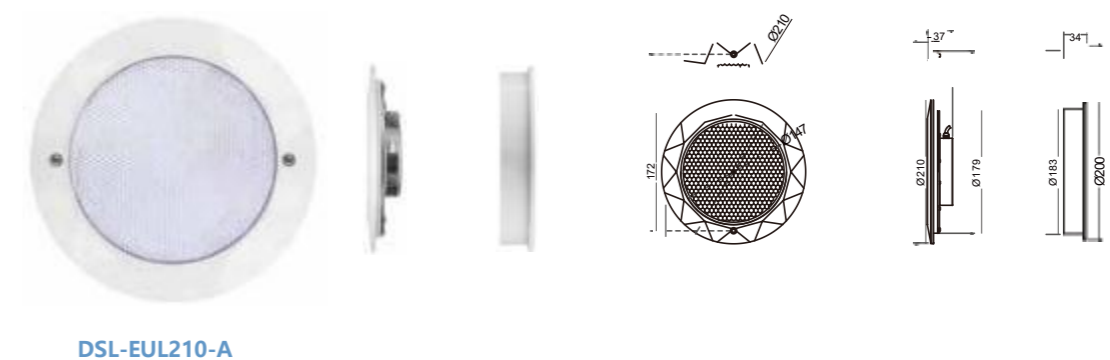
可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters	产品特性 Product Features
DSL-EUL195-A	12W	12V/24V (AC/DC)	√	√	×	防水等级: IP68 镜片材质: PC 工作温度: -20°C~48°C 适用于普通池 / 高温池 光束度: 15° 30° 45° 60°	灯体材质: ABS+UV 面盖材质: PC Lamp Body Material:ABS+UV Cover Material:PC
DSL-EUL195-S						Waterproof Grade:IP68 Lens Material: PC Working Temperature:-20°C~480°C Suitable for Regular Swimming Pools/High-temperature Pools Beam Intensity: 15° 30° 45° 60°	灯体材质: ABS+UV 面盖材质: 不锈钢 316L Lamp Body Material:ABS+UV Cover Material: Stainless Steel 316L

### DSL-EUL165-A/DSL-EUL165-S



可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters	产品特性 Product Features
DSL-EUL165-A	6W	12V/24V (AC/DC)	√	√	×	防水等级: IP68 镜片材质: PC 工作温度: -20°C~48°C 适用于普通池 / 高温池 光束度: 15° 30° 45° 60°	灯体材质: ABS+UV 面盖材质: PC Lamp Body Material:ABS+UV Cover Material:PC
DSL-EUL165-S						Waterproof Grade:IP68 Lens Material: PC Working Temperature:-20°C~480°C Suitable for Regular Swimming Pools/High-temperature Pools Beam Intensity: 15° 30° 45° 60°	灯体材质: ABS+UV 面盖材质: 不锈钢 316L Lamp Body Material:ABS+UV Cover Material: Stainless Steel 316L

### DSL-EUL210-A

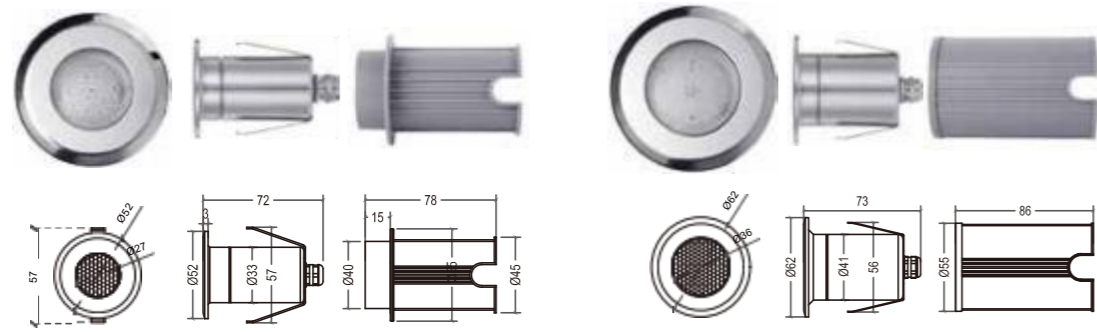


可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters
DSL-EUL210-A	12W	12V/24V (AC/DC)	√	√	×	防水等级: IP68 灯体材质: ABS+UV 镜片材质: PC 带菱角防炫目 光束度: 120°
	18W		√	√	×	
	25W		√	√	×	

# 嵌入式水下灯

## EMBEDDED UNDERWATER LIGHT

### DSL-EUL110-A/DSL-EUL110-S

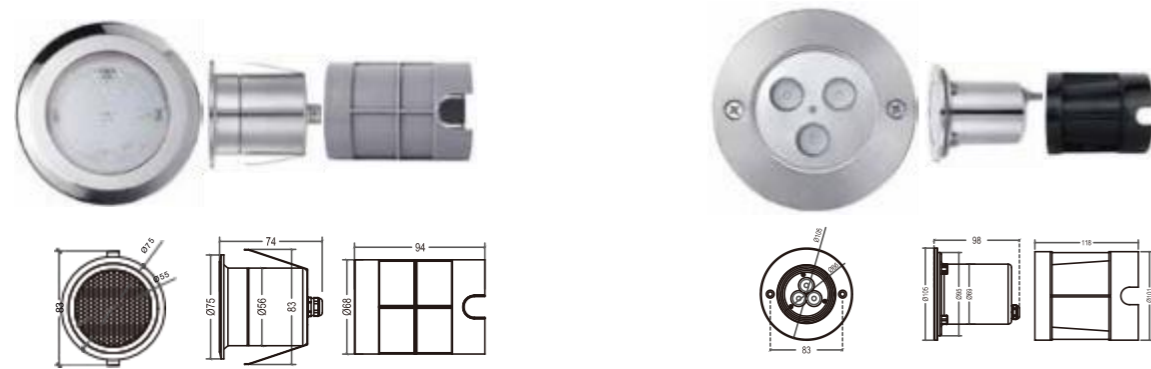


DSL-EUL52-S

DSL-EUL62-S

可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters	产品特性 Product Features
DSL-EUL52-A	3W	12V/24V (AC/DC)	√	×	×	防水等级: IP68 Lamp Body Material: Stainless Steel 304/316L 镜片材质: 钢化玻璃 光束度: 120°	光束度: 120° Beam Intensity: 120°
	6W		√	×	×		
DSL-EUL62-A	3W	12V/24V (AC/DC)	√	√	×	防水等级: IP68 Lamp Body Material: Stainless Steel 304/316L 镜片材质: 钢化玻璃 光束度: 120°	光束度: 15° 30° 45° 60° Beam Intensity: 15° 30° 45° 60°
	6W		√	√	×		

### DSL-EUL75-S/DSL-EUL105-S



DSL-EUL75-S

DSL-EUL105-S

可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters	产品特性 Product Features
DSL-EUL75-S	3W	12V/24V (AC/DC)	√	√	√	防水等级: IP68 灯体材质: 不锈钢 304/316L 镜片材质: 钢化玻璃	光束度: 120° Beam Intensity: 120°
	9W		√	√	×		
	18W		√	×	×		
DSL-EUL105-S	6W	12V/24V (AC/DC)	√	√	√	防水等级: IP68 Lamp Body Material: Stainless Steel 304/316L Lens Material: Tempered Glass	光束度: 15° 30° 45° 60°
	12W		√	√	×		

### DSL-EUL110-S/DSL-EUL110H-S



DSL-EUL110-S

DSL-EUL110H-S

可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters	产品特性 Product Features
DSL-EUL110-S	5W	12V/24V (AC/DC)	√	√	×	防水等级: IP68 灯体材质: 不锈钢 304/316L 镜片材质: 钢化玻璃 工作温度: -20°C~48°C Waterproof Grade: IP68 Lamp Body Material: Stainless Steel 304/316L Lens Material: Tempered Glass Working Temperature: -20°C~48°C	光束度: 120° Beam Intensity: 120°
DSL-EUL110H-S	3W		√	√	√		
	9W		√	×	×		
	18W		√	×	×		

### DSL-EUL160-S/DSL-EUL160H-S



DSL-EUL160-S

DSL-EUL160H-S

可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters	产品特性 Product Features
	10W	12V/24V (AC/DC)	√	√	×	防水等级: IP68 灯体材质: 不锈钢 304/316L 镜片材质: 钢化玻璃 工作温度: -20°C~48°C 适用于普通池 / 高温池 Waterproof Grade: IP68 Lamp Body Material: Stainless Steel 304/316L Lens Material: Tempered Glass Working Temperature: -20°C~48°C Suitable for Regular Swimming Pools/High-temperature Pools	光束度: 100° Beam Intensity: 100°
	9W		√	√	√		
	12W		√	√	×		光束度: 15° 30° 45° 60°
	25W		√	×	×		

# 嵌入式水下灯

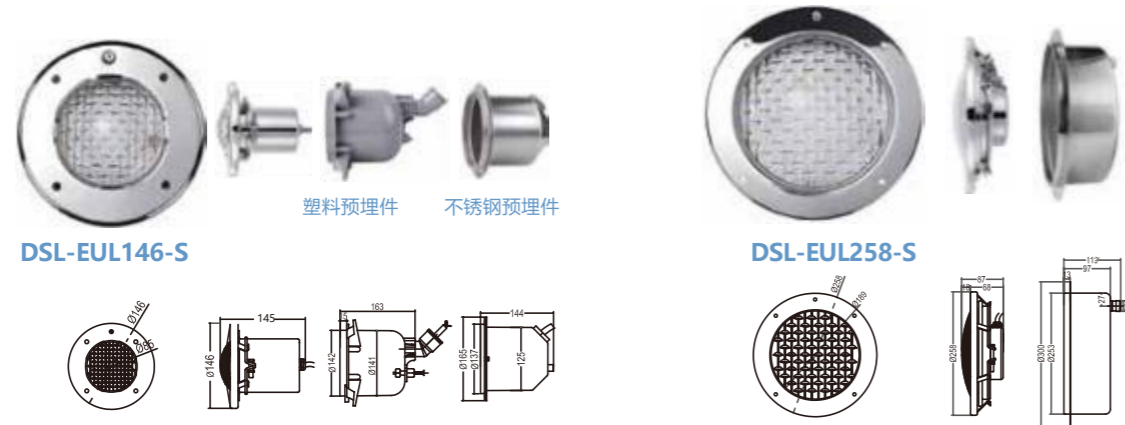
## EMBEDDED UNDERWATER LIGHT

### DSL-EUL190-S/DSL-EUL190H-S



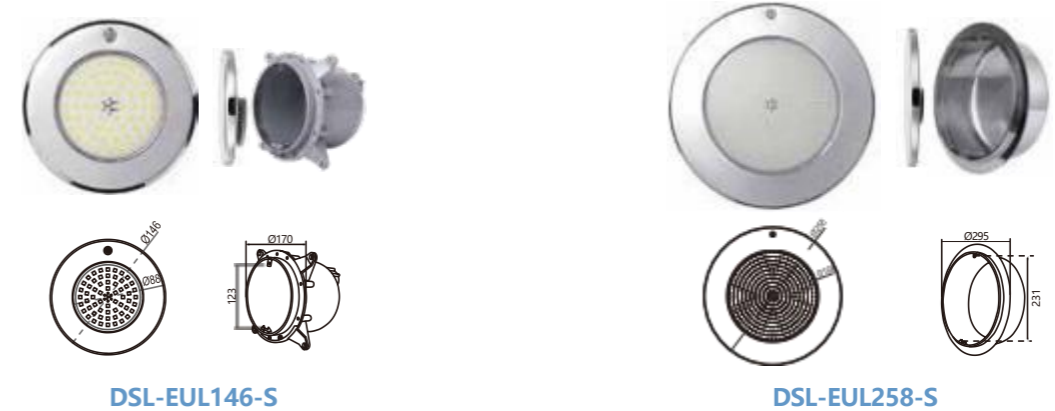
可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters	产品特性 Product Features
DSL-EUL190-S	15W	12V/24V (AC/DC)	√	√	×	防水等级: IP68 灯体材质: 不锈钢 304/316L 镜片材质: 钢化玻璃 工作温度: -20°C~48°C 适用于普通池 / 高温池	光束度: 100° Beam Intensity: 100°
DSL-EUL190H-S	12W		√	√	√	Waterproof Grade: IP68 Lamp Body Material: Stainless Steel 304/316L Lens Material: Tempered Glass Working Temperature: -20°C~48°C Suitable for Regular Swimming Pools/High-temperature Pools	光束度: 15° 30° 45° 60° Beam Intensity: 15° 30° 45° 60°
	18W		√	√	×		
	30W		√	√	×		

### DSL-EUL146-S/DSL-EUL258-S



可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters	产品特性 Product Features
DSL-EUL146-S	12W	12V/24V (AC/DC)	√	√	√	防水等级: IP68 灯体材质: 不锈钢 304/316L 镜片材质: 钢化玻璃 光束度: 120°	光束度: 120°
	18W		√	√	×		
	25W		√	√	×		
DSL-EUL258-S	18W	12V/24V (AC/DC)	√	√	√	Waterproof Grade: IP68 Lamp Body Material: Stainless Steel 304/316L Lens Material: Tempered Glass Beam Intensity: 120°	光束度: 15° 30°
	35W		√	√	×		
DSL-EUL258-S	50W	(AC/DC)	√	×	×		Beam Intensity:

### DSL-EUL146-S/DSL-EUL258-S



可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters
DSL-EUL146-S	12W	12V/24V (AC/DC)	√	√	×	防水等级: IP68 灯体材质: 不锈钢 304/316L 镜片材质: 钢化玻璃
DSL-EUL258-S	18W		√	√	×	Waterproof Grade: IP68 Lamp Body Material: Stainless Steel 304/316L Lens Material: PC
	25W		√	√	×	防水工艺: 全灌胶
	35W		√	√	×	光束度: 120°

### DSL-EUL195K-S/DSL-EUL195-S



可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters	产品特性 Product Features
DSL-EUL195K-S	12W	12V/24V (AC/DC)	√	√	√	防水等级: IP68	光束度: 15° 30°
	18W		√	√	√		
	25W		√	√	×		
DSL-EUL195-S	9W	12V/24V (AC/DC)	√	√	√	Lamp Body Material: Stainless	Beam Intensity:
	12W		√	√	×		
DSL-EUL195-S	35W		√	√	×		

# 嵌入式水下灯

## EMBEDDED UNDERWATER LIGHT

### DSL-EUL270K-S/DSL-EUL270H-S



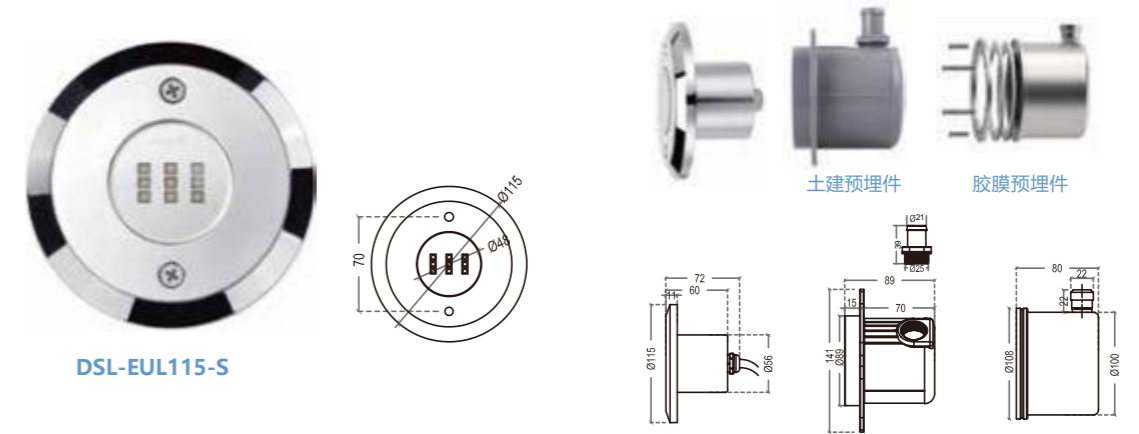
可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters	产品特性 Product Features	
DSL-EUL75-S	18W	12V/24V (AC/DC)	√	√	√	Waterproof Grade:IP68	Beam Intensity:90°	
	35W		√	√	√			
	50W		√	√	×			
DSL-EUL258-S	18W		√	√	√			45° 60°
	25W		√	√	×			
	35W		√	√	×			
50W	√	×	×					

### DSL-EUL270-A/DSL-EUL282-A



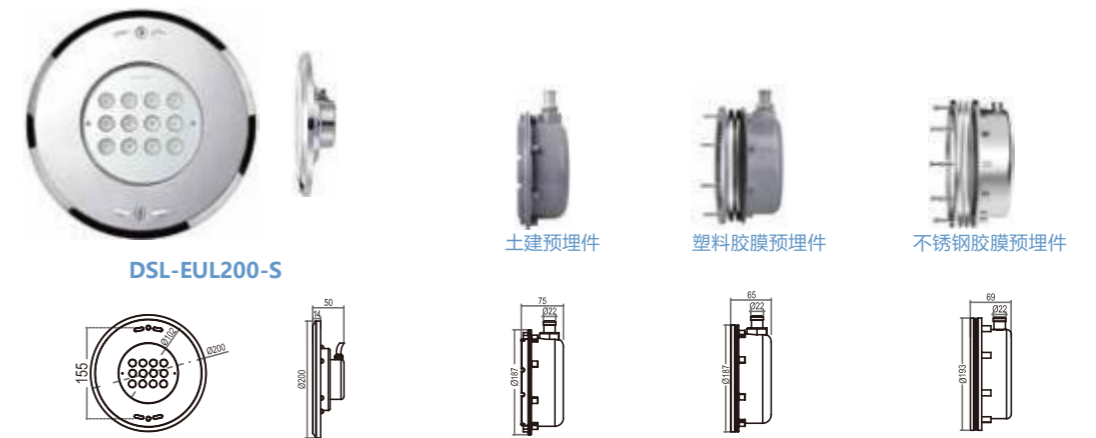
可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters	产品特性 Product Features	
DSL-EUL270S-A	18W	12V/24V (AC/DC)	√	√	√	Waterproof Grade:IP68 Lamp Body Material: Stainless Steel 304/316L Lens Material: Tempered Glass Beam Intensity:120°	可选材质: 不锈钢 304/316L Optional Material: Stainless Steel 304/316L	
	25W		√	√	×			
	35W		√	√	×			
DSL-EUL282-A	18W		√	√	√			45° 60°
	25W		√	√	×			
	35W		√	√	×			

### DSL-EUL146-S/DSL-EUL258-S



可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters
DSL-EUL115-S	12W	12V/24V (AC/DC)	√	√	√	防水等级: IP68 灯体材质: 不锈钢 304/316L 镜片材质: 钢化玻璃 光束度: 120°
	18W		√	√	×	
	25W		√	×	×	

### DSL-EUL200-S

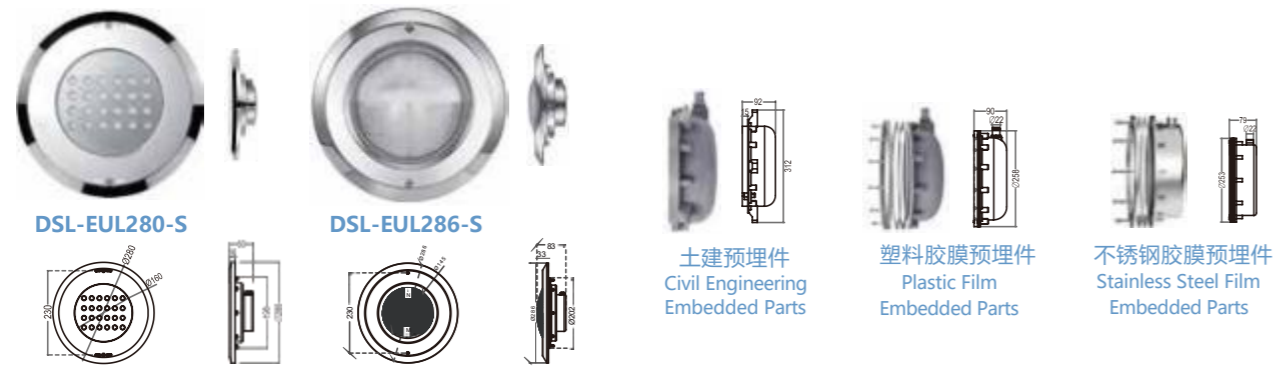


可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters
DSL-EUL200-S	18W	12V/24V (AC/DC)	√	√	√	防水等级: IP68 灯体材质: 不锈钢 304/316L 镜片材质: 钢化玻璃 光束度: 15° 30° 45° 15X50°
	35W		√	√	√	
	50W		√	√	×	

# 嵌胶膜式水下灯

## GLUE EMBEDDING MODE UNDERWATER LIGHT

### DSL-EUL280-S/DSL-EUL286-S



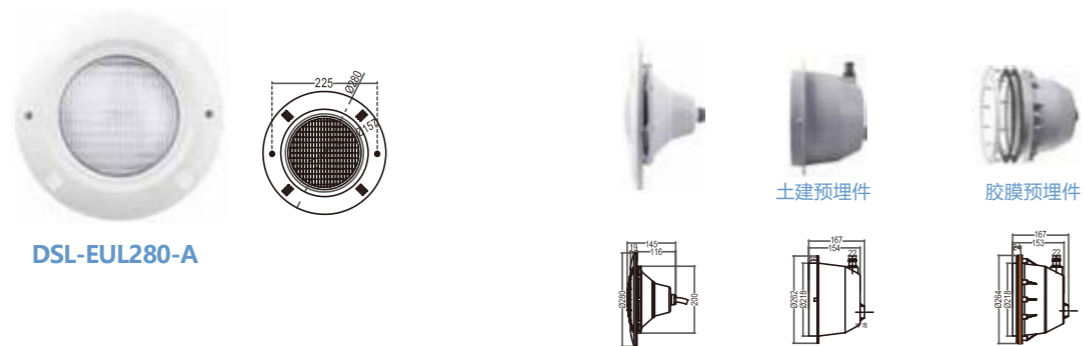
可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters	产品特性 Product Features
DSL-EUL280-S	18W	12V/24V (AC/DC)	√	√	√	灯体材质: 不锈钢 304/316L	
	35W		√	√	×		
	50W		√	×	×		
	80W		√	×	×		
DSL-EUL286-S	18W		√	√	√		
	35W		√	√	×		
	50W		√	×	×		

### DSL-EUL290-A

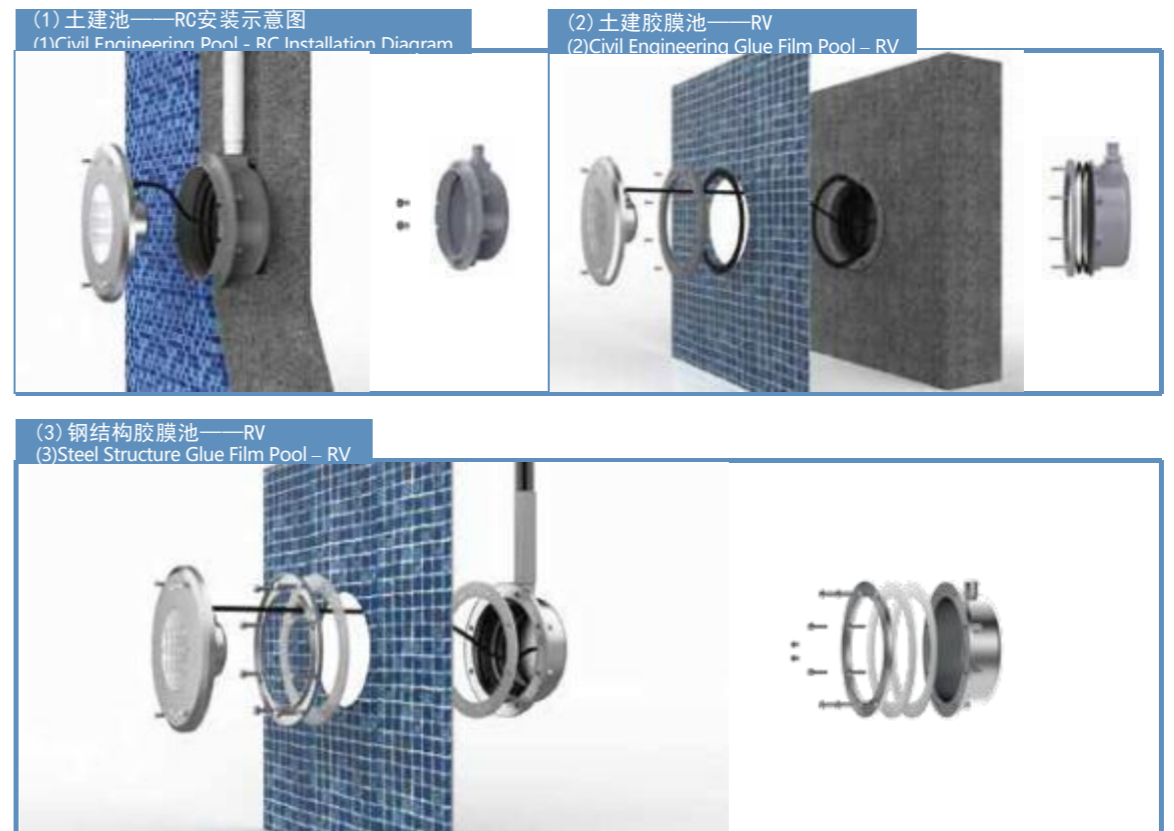


可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters
DSL-EUL290-A	18W	12V/24V (AC/DC)	√	√	√	防水等级: IP68 Waterproof Grade: IP68
	25W		√	√	×	灯体材质: ABS+UV Lamp Body Material: ABS+UV
	35W		√	√	×	镜片材质: PC 带菱角防炫目 Lens Material: PC with Water Chestnut Anti-glare
	50W		√	×	×	光束度: 120° Beam Intensity: 120°

### DSL-EUL280-A

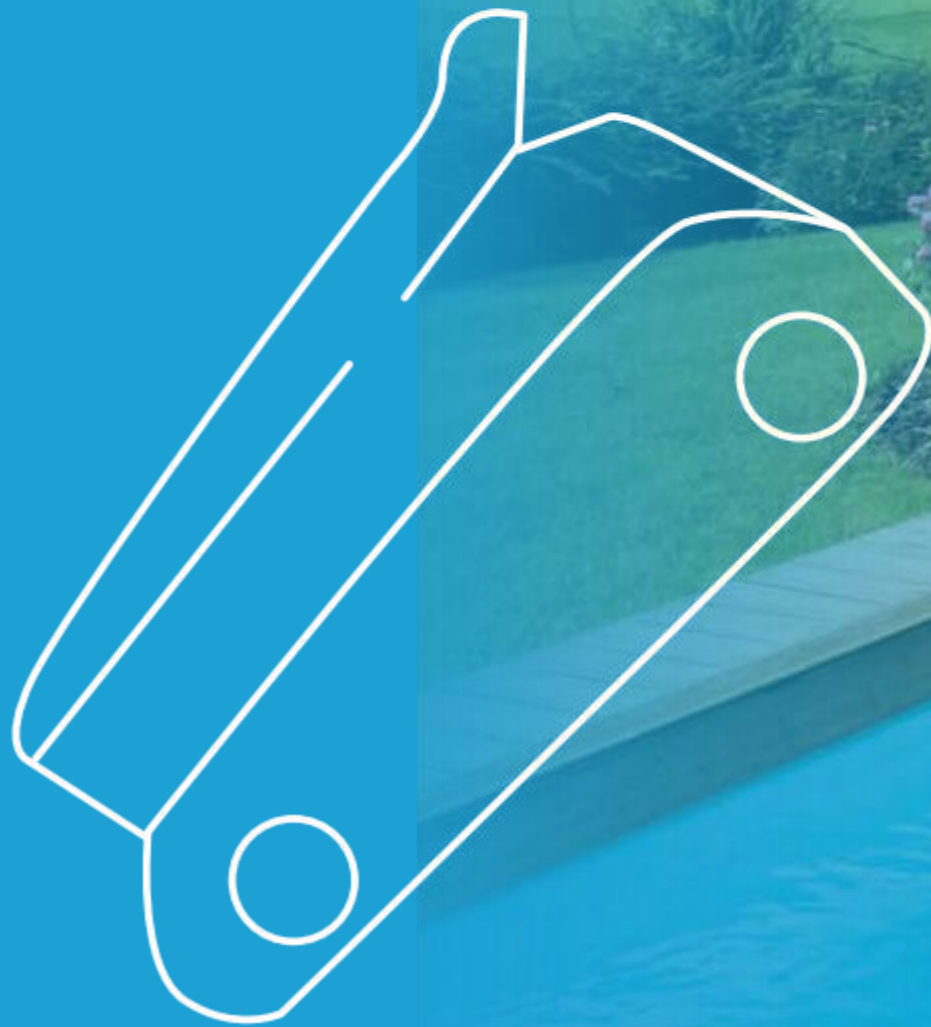


可选型号 Optional Model	功率 Power	电压 Voltage	白光 / 暖白 White/Warm White	RGB	RGBW	基本参数 Basic Parameters
DSL-EUL280-A	18W	12V/24V (AC/DC)	√	√	√	防水等级: IP68 Waterproof Grade: IP68
	25W		√	√	×	灯体材质: ABS+UV Lamp Body Material: ABS+UV
	35W		√	√	×	镜片材质: PC 带菱角防炫目 Lens Material: PC with Water Chestnut Anti-glare
	50W		√	×	×	光束度: 120° Beam Intensity: 120°



清洁用品

Cleaning supplies



# 清洁工具



豪华铝柄胶池刷18" /45cm  
Luxury Aluminum Handle Rubber Pool Brush 18 "/45cm



标准胶池刷18" /45cm  
Standard Glue Pool Brush 18 "/45cm



10寸钢丝刷  
10 Inch Wire Brush



成人救生衣  
Adult Life Jacket



救生绳  
Lifeline



救生板  
Rescue Board



颈托  
Neck Brace



四件套动物浮水温度计  
Four-piece Animal Float Thermometer



18寸钢丝刷  
18 Inch Wire Brush



标准型浅水叶网  
Standard Shallow Water Mesh



标准型深水叶网  
Standard Deep Water Mesh



浮水温度计  
Float Thermometer



验水盒  
Water Testing Box



超蓝澄清剂  
Ultra Blue Clarifying Agent



超蓝除藻剂  
Ultra Blue Algae Remover



PH.OTO  
PH.OTO



加强型浅水叶网  
Enhanced Shallow Water Mesh



加强型深水叶网  
Enhanced Deep Water Mesh



三角透明吸池头  
Triangular Transparent Suction Head



专业泳池消毒剂  
Professional Swimming Pool Disinfectant



PE吸池喉  
15/30m  
PE Suction Pool Throat 15/30m



双层吸池喉  
15/30m  
Double Layer Suction Pool Throat 15/30m



救生钩  
Escape Hook



新款救生钩  
New Escape Hook



15" 24" 加重加厚  
可旋转吸池头  
15 "24" Thickened and Rotatable Suction Head



14" 19"  
铝合金弹性吸池头  
14 "19" Aluminum Alloy Elastic Suction Head



14" 19"  
直板弹性带刷吸池头  
14 "19" Straight Elastic Band Brush Suction Pool Head



19"  
可旋转加强型吸池头  
19 "Rotatable Reinforced Suction Head



硬塑、泡沫救生圈  
Hard Plastic and Foam Life Buoy



伸缩杆3/5/7/8/9m  
Expansion Rod 3/5/7/8/9m



新款不锈钢吸盘  
New Stainless Steel Suction Cups



不锈钢小推车  
Stainless Steel Trolley

# 全自动水底吸尘器

## 智能无线泳池清洁机器人 INTELLIGENT CORDLESS ROBOTIC POOL CLEANER

-  自主建图  
Autonomous Mapping
-  智能路径规划  
Intelligent Path Planning
-  超强吸力  
Super Suction
-  适应各种泳池  
Adaptable to All Complex Pools
-  400平方米内的泳池  
Recommended for Pools Up to 400 m<sup>2</sup>



### 5种清洁模式

- 智能清洁模式
- 池壁清洁模式
- 遥控清洁模式
- 池底清洁模式
- 全面清洁模式



The Smart Clean Mode  
The Floor Clean Mode  
The Wall Clean Mode  
The All-Round Clean Mode  
The Remote Clean Mode

满足手动操作的要求，以满足特定的清洁需求。  
Satisfies Manual Operation Needs to Meet Specific Cleaning Requirements.

### 技术参数 Technical Parameters

型号 model	DSL10-01 DSL10-01
推荐泳池面积 Recommended Pool Area	≤400平方米 m <sup>2</sup> (4305 ft <sup>2</sup> )
防水等级 Protection Level	IPX8 IPX8
工作水深 Operating Water Depth	0.4-3 米 0.4-3 m (1.3-9.8 ft)
工作环境温度 Ambient Operating Temperature	5 °C-45 °C 5 °C-45 °C (41°F-113 °F)
储存环境温度 Ambient Storage Temperature	0 °C-55 °C 0 °C-55 °C (32 °F-131 °F)
浮标缆长度 Buoy Cable Length	3.3 米 3.3 m (10.8 ft)
最大功率 Maximum Power	140 w 140 w
电池容量 Battery Capacity	28600 mAh/10.95 v 28600 mAh/10.95 v

充电输入 Charging Voltage	AC 100-240 V 50/60 Hz AC 100-240 V 50/60 Hz
续航时间 Running Time at Full Battery	180分钟(强劲吸力) /400分钟(节能吸力) 180-Min Running Time (Strong mode) 400-Min Running Time (Energy saving mode)
充电时间 Water Pump Flow Rate	约 3.5 小时 About 3.5 h
水泵流量 Charging Time	21 立方米/小时 18 m <sup>3</sup> /h (4755 GPH)
过滤盒容量 Filter Box Capacity	4.5 升 4.5 L
滤网精度 Filter Precision	70 微米/180 微米 70 μm/180 μm
机器人重量 Robot Weight	11.5 千克 11.5 kg (25.3 lbs)
机器人尺寸 Robot Dimension	L38.2 *W46.3 *H25.5 cm L38.2 *W46.3 *H25.5 cm

### 水线停泊，方便回收

一次清洁完毕，或电量低于 5% 时，自动停靠池边。  
可一键自动水线停泊，方便回收。  
Upon cleaning completion or when the battery falls below 5%, it automatically docks by the poolside. A one-button auto-waterline docking feature makes for easy recovery.



## 全池建图规划导航系统 POOL MAPPING AND NAVIGATION SYSTEM

Geoguru  
TECHNOLOGY

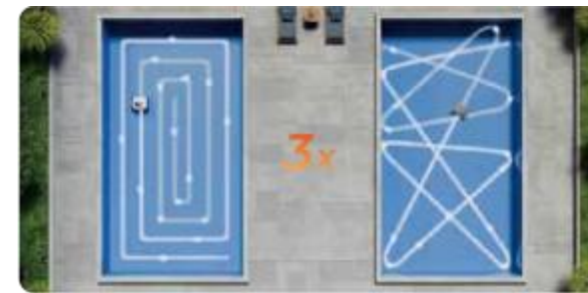


### 双智能路径技术

行业领先的 S 路径规划设计，适用各种泳池类型，确保完全清洁您的泳池、池底、池壁和水线。

### Dual Smart Path Technology

Featuring industry-leading S-path planning design, is suitable for all types of pools. It ensures a thorough cleaning of your pool, including the floor, walls, and waterline.



### AI 建图再清洁实现高效清洁

Map First, Clean Later, Efficiency Cleaning



### 卓越路径规划，清洁不留死角

Superior Path Planning - No Corner Left Unturned

## 刷、吸、滤3合1，强大的清洁性能 SCRUB, SUCTION, FILTER 3-IN-1 FOR POWERFUL CLEANING

### 强大吸力电机，吸走所有脏污

采用 100 W 高性能电机，强劲的 21m<sup>3</sup> 每小时吸力，能轻松吸附直径为 3 厘米、重量为 20 克的石子和长度 20 厘米的大树叶，实现彻底清洁。

### Powerful Motor Produces a Strong Suction

Powered by a high-performance 100W motor, it produces a strong suction of 21m<sup>3</sup>/h(4755 GPH), easily adsorbs stones with a diameter of 3cm and a weight of 20g and large leaves with a length of 20cm for thorough cleaning.



100 w  
高性能电机  
Powerful Motor

21 m<sup>3</sup>/h  
强劲吸力  
Strong Suction



### 差速式主动型滚刷，清除顽固碎屑

搭载主动双前置高速滚刷，3.3 倍差速设计，有效去除顽固的碎屑。

### Differential Active Brush to Remove Stubborn Debris

The DSL10-01 features dual-front high-speed rolling brushes with 3.3x differential speed design to effectively remove stubborn debris.

# 泳池配件

Attachment



# 泳池配件

## POOL ACCESSORIES

### 撇池渣器 Skimmer

#### 胶膜池撇池渣器RS-2005 Adhesive Film Pool Skimmer RS-2005



产品型号 Product Model	产品名称 Product Name	包装尺寸 Packaging Size (cm)	个/箱 PCS/box	重量 Weight
RS-2005	胶膜池撇渣器 Adhesive Film Pool Skimmer	74.5x47x33	6	12kg

#### 土建池撇渣器RS-1096 Civil Engineering Pool Skimmer RS-1096



产品型号 Product Model	产品名称 Product Name	规格 Specifications	包装尺寸 Packaging Size (cm)	个/箱 PCS/box	重量 Weight
RS-1096	撇渣器 Skimmer	1.5寸内插 /2寸外插 1.5-inch Internal / 2-inch External	70x41.5x61.5	12	16kg

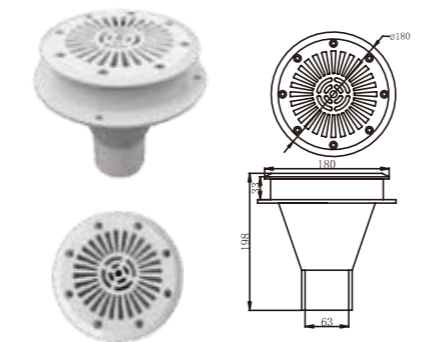
### 胶膜池水口 Adhesive Film Pool Water Outlet



接2寸外牙  
Connecting 2-Inch External Teeth

#### 2850V主排水器 (适用于胶膜池) 2850V Main Drain (Suitable for Adhesive Film Pool)

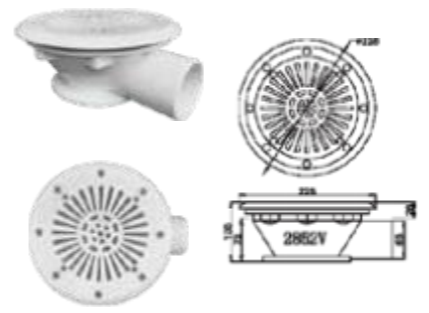
产品型号 Product Model	产品名称 Product Name	颜色 Color	材料 Material	包装尺寸 Packaging Size	个/箱 PCS/box	重量 Weight
2850V	主排水器 Main Drain	白色 White	ABS+PVC	54.3 x48.5x48.8cm	12	13.48kg



内接2寸公制PVC管  
Internally Connected 2-inch  
Metric System PVC Pipe

#### 2851V主排水器 (适用于胶膜池) 2851V Main Drain (Suitable for Adhesive Film Pool)

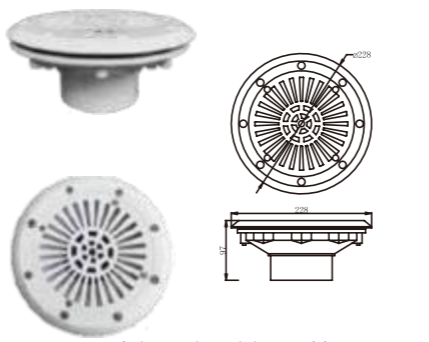
产品型号 Product Model	产品名称 Product Name	颜色 Color	材料 Material	包装尺寸 Packaging Size	个/箱 PCS/box	重量 Weight
2851V	主排水器 Main Drain	白色 White	ABS+PVC	62 x44x45cm	12	12kg



内接2寸公制PVC管  
Internally Connected 2-inch  
Metric System PVC Pipe

#### 2852V主排水器 (适用于胶膜池) 2852V Main Drain (Suitable for Adhesive Film Pool)

产品型号 Product Model	产品名称 Product Name	颜色 Color	材料 Material	包装尺寸 Packaging Size	个/箱 PCS/box	重量 Weight
2852V	直插式底排 Direct Insertion Bottom Row	白色 White	ABS+PVC	53x49x57cm	20	20kg



直插4寸公制PVC管  
Insert a 4-inch metric PVC pipe

#### 2853V直插式主排水器 (适用于胶膜池) 2853V In-line main drainer (Suitable for Adhesive Film Pool)

产品型号 Product Model	产品名称 Product Name	颜色 Color	材料 Material	包装尺寸 Packaging Size	个/箱 PCS/box	重量 Weight
2853V	主排水器 Main Drain	白色 White	ABS+PVC	49x48x56cm	20	16.2kg



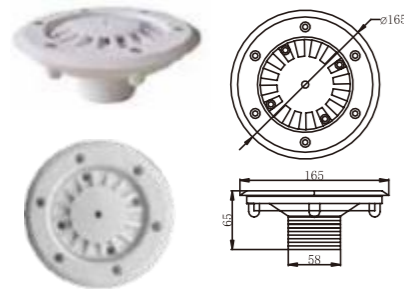
## 胶膜池水口 Adhesive Film Pool Water Outlet



1.5寸内插/2寸外接  
1.5-inch Internal / 2-inch External

2825V直插式回水口 (适用于胶膜池)  
2825V Direct Insertion Backwater Port (Suitable for Adhesive Film Pool)

产品型号 Product Model	产品名称 Product Name	颜色 Color	材料 Material	包装尺寸 Packaging Size	个/箱 PCS/box	重量 Weight
2825V	直插式胶膜池回水口 Direct Insertion Backwater Port	白色	ABS+PVC	50x40x38.5cm	48	19.6kg



1.5寸公英制通用 (外接2寸内牙)  
1.5 Inch Metric System and Imperial Units Universal  
(External 2-inch Internal Teeth)

2825V回水口 (适用于胶膜池)  
2825V Backwater Port (Suitable for Adhesive Film Pool)

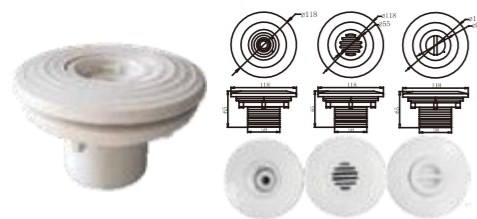
产品型号 Product Model	产品名称 Product Name	颜色 Color	材料 Material	包装尺寸 Packaging Size	个/箱 PCS/box	重量 Weight
2825V	回水口 Backwater Port	白色	ABS+PVC	50x41x29.5cm	48	18.92kg



1.5寸内插/2寸外接  
1.5-inch Internal / 2-inch External

1006V直插式回水口 (适用于胶膜池)  
1006V Direct Insertion Backwater Port (Suitable for Adhesive Film Pool)

产品型号 Product Model	产品名称 Product Name	颜色 Color	材料 Material	包装尺寸 Packaging Size	个/箱 PCS/box	重量 Weight
1006V	直插式胶膜池回水口 Direct Insertion Backwater Port	白色	ABS+PVC	42x42x25cm	48	13.32kg



1.5寸公英制通用 (外接2寸内牙)  
1.5 Inch Metric System and Imperial Units Universal  
(External 2-inch Internal Teeth)

1006V回水口 (适用于胶膜池)  
1006V Backwater Port (Suitable for Adhesive Film Pool)

产品型号 Product Model	产品名称 Product Name	颜色 Color	材料 Material	包装尺寸 Packaging Size	个/箱 PCS/box	重量 Weight
1006V	回水口 Backwater Port	白色	ABS+PVC	42x42x25cm	48	16.44kg

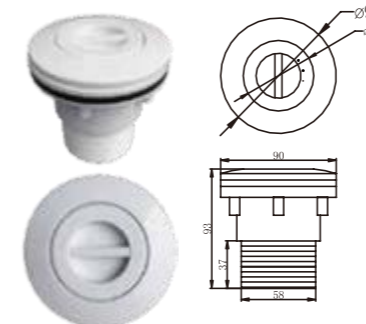
## 胶膜池水口 Adhesive Film Pool Water Outlet



1.5寸公英制通用 (外接2寸内牙)  
1.5 Inch Metric System and Imperial Units Universal  
(External 2-inch Internal Teeth)

1005V回水口 (适用于胶膜池)  
1005V Backwater Port (Suitable for Adhesive Film Pool)

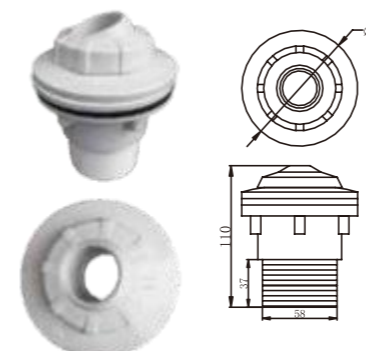
产品型号 Product Model	产品名称 Product Name	颜色 Color	材料 Material	包装尺寸 Packaging Size	个/箱 PCS/box	重量 Weight
1005V	回水口 Backwater Port	白色	ABS+PVC	40x30x28cm	48	16.44kg



1.5寸公英制通用 (外接2寸内牙)  
1.5 Inch Metric System and Imperial Units Universal  
(External 2-inch Internal Teeth)

2827V吸污口 (适用于胶膜池)  
2827V Suction Port (Suitable for Adhesive Film Pool)

产品型号 Product Model	产品名称 Product Name	颜色 Color	材料 Material	包装尺寸 Packaging Size	个/箱 PCS/box	重量 Weight
2827V	吸污口 Suction Port	白色	ABS+PVC	45x36x30cm	60	12.7kg



1.5寸公英制通用 (外接2寸内牙)  
1.5 Inch Metric System and Imperial Units Universal  
(External 2-inch Internal Teeth)

2828V喷嘴 (适用于胶膜池)  
2828V Injector (Suitable for Adhesive Film Pool)

产品型号 Product Model	产品名称 Product Name	颜色 Color	材料 Material	包装尺寸 Packaging Size	个/箱 PCS/box	重量 Weight
2828V	喷嘴 Injector	白色	ABS+PVC	45x36x35cm	60	13.96kg

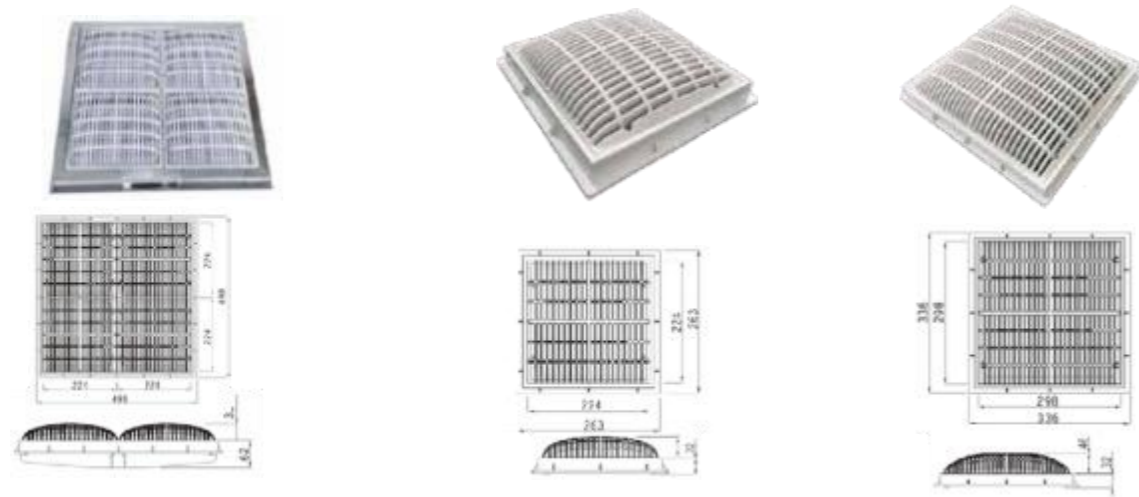


1.5寸公英制通用 (外接2寸内牙)  
1.5 Inch Metric System and Imperial Units Universal  
(External 2-inch Internal Teeth)

2829V池壁回水器 (适用于胶膜池)  
2829V Pool Wall Backwater Device (Suitable for Adhesive Film Pool)

产品型号 Product Model	产品名称 Product Name	颜色 Color	材料 Material	包装尺寸 Packaging Size	个/箱 PCS/box	重量 Weight
2829V	池壁回水器 Pool Wall Backwater Device	白色	ABS+PVC	45x36x30cm	60	12.06kg

## 防吸安全主排水口 Anti-suction Safety Main Drainage Outlet



型号 Model	尺寸 Size	厚度 Thickness	材质 Material	颜色 Colors	额定流量 Rated Flow Rate (m <sup>3</sup> /h)	包装尺寸 Packaging Size (cm)	箱 Box	重量 Weight (kg)
RS-FDP-9	9x9 263mmx263mm	70	工程ABS+UV	白色 White	23	59x30x85	20	24
RS-FDP-12	12x12 336mmx336mm	78	Engineering ABS+UV		36	73.5x36x46.5	10	19
RS-FDP-18	18x18 500mmx500mm	100	不锈钢+ABS Stainless Steel+ABS		93	500x500	1	6.5

### 产品特点

- 弧形造型，整个弧形面都可以排水，可有效防止人的肢体、胸腹、身体等被底排吸入而造成的危险。
- 底排的最高点与底平面的高度差大于或等于 1，符合 VGB 法案。能通过 ANSI/APSP-16 的标准测试，符合大多数国家的泳池底排安全标准。
- 材质上乘、防紫外线、耐腐蚀、强度高、不易变色、使用寿命长。
- 多种规格可选，能够满足不同规格泳池对底排流量要求，适用各种水上乐园、水疗馆、私家泳池、商家泳池、标准泳池等场所。

### Product Features

Curved design, the entire curved surface can be drained, effectively preventing the danger of people's limbs, chest, abdomen, body, etc. being sucked in by the bottom drain.

The height difference between the highest point of the bottom row and the bottom plane is greater than or equal to 1, which complies with the VGB Act. Can pass the ANSI/APSP-16 standard test and meet the safety standards of most countries' swimming pool bottoms.

High quality materials, UV protection, corrosion resistance, high strength, not easily discolored, and long service life.

Multiple specifications are available to meet the bottom discharge flow requirements of different swimming pools, suitable for various water parks, spas, private swimming pools, commercial swimming pools, standard swimming pools and other places.

## 防漩涡，防夹发回水口 Anti-vortex, Anti-pinch Backwater Port

### 安装示意图

用在产品上的材料对紫外线具有最强抵抗作用，是目前市场上安全系数最高的排水口。

### Installation Diagram

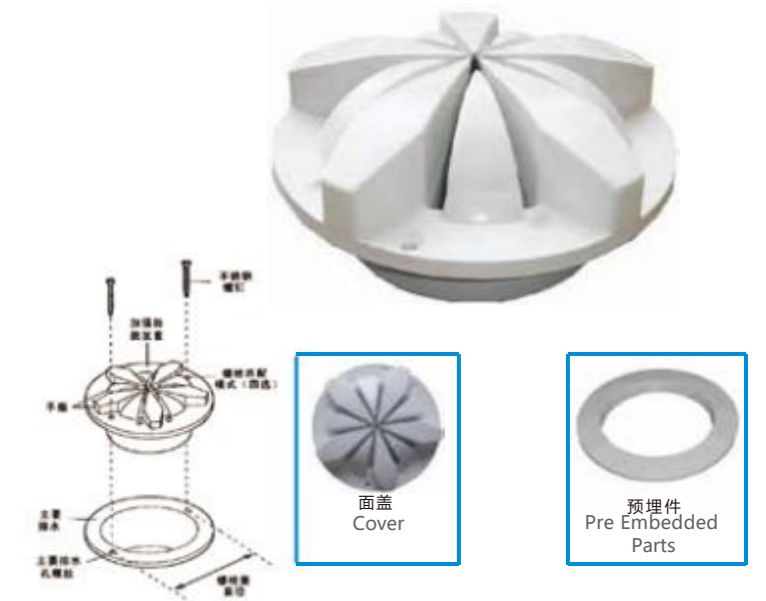
The materials used in the product have the strongest resistance to ultraviolet radiation and are currently the highest safety factor drainage outlet on the market.

### 安装

防夹发装备必须水平安装在游泳池、温泉、浴场、桑拿室和类似的地方，主要的排水道或框架上。

### Installation

Anti-pinch hair equipment must be installed horizontally in swimming pools, hot springs, bathhouses, saunas, and similar places, on the main drainage channels or frames.



### 功能

- 防夹发装备是唯一一种具备防头发缠结设计的排水管盖。当游泳者从排水管中拉起头发时它能自动有效地防止头发缠结。
- 防夹发装置高低不等的设计能防止小孩子的臀部陷入，也能防止孩子被伤害。
- 圆顶和高低不平的设计使防夹发装置能防止小孩被排水管真空吸入，也消除身体陷入总排水管的危险（见图 3）防夹发装置比当前任何一种排水管盖更有效。
- 防夹发装备上的缝隙小于 8mm（见图 4），根据（SAE）的研究，这能防止小孩的手指和脚趾被夹住，泳池上的玩具也不能通过。
- 防夹发装备能保护儿童安全。高低不等的设计使人坐在上面或站在上面非常不舒服，因此可以避免承受过多重力而与总排水管脱离。



### Functions

Anti-hair clip equipment is the only type of drainage pipe cover designed to prevent hair tangling. When swimmers pull their hair up from the drain, it can automatically and effectively prevent hair tangling.

The uneven design of the anti-pinch hair device can prevent children's buttocks from getting stuck and also prevent them from being injured.

The dome and uneven design of the anti-pinch device prevent children from being vacuum sucked into the drainage pipe and eliminate the risk of their bodies getting stuck in the main drainage pipe (see Figure 3). The anti-pinch device is more effective than any current drainage pipe cover.

The gap on the anti-pinch hair equipment is less than 8mm (see Figure 4). According to SAE research, this can prevent children's fingers and toes from being caught, and toys in the swimming pool cannot pass through.

Anti-pinch hair equipment can protect children's safety. The uneven design makes it very uncomfortable for people to sit or stand on it, so it can avoid bearing too much weight and detaching from the main drainage pipe.

# 溢水器 Overflow Device

## 直插式出入水器 Direct Insertion Water Inlet and Outlet



	产品名称 Product Name	产品外径 Product Outer Diameter	配管规格 Piping Specifications	数量(件) Quantity (pcs)	包装尺寸 Packaging Size	重量 Weight
公制 (GB)	新款1.2寸公制直插式可出入口 New 1.2 Inch Metric System Direct Insertion Water Inlet and Outlet	Φ36mm	外径Φ40mm-1.0mpapvc管 External Diameter Φ40mm-1.0mpapvcPipe	100	46.5x46x31.6cm	7.62kg
	新款1.5寸公制直插式可出入口 New 1.5 Inch Metric System Direct Insertion Water Inlet and Outlet	Φ45mm	外径Φ50mm-1.0mpapvc管 External Diameter Φ50mm-1.0mpapvcPipe	100	46.5x46x31.6cm	10.3kg
	新款2寸公制直插式可出入口 New 2 Inch Metric System Direct Insertion Water Inlet and Outlet	Φ57mm	外径Φ63mm-1.0mpapvc管 External Diameter Φ63mm-1.0mpapvcPipe	100	46.5x46x31.6cm	11.26kg
	新款2.5寸公制直插式可出入口 New 2.5 Inch Metric System Direct Insertion Water Inlet and Outlet	Φ66.8mm	外径Φ75mm-1.0mpapvc管 External Diameter Φ75mm-1.0mpapvcPipe	100	46.5x46x31.6cm	14.6kg
	新款3寸公制直插式可出入口 New 3 Inch Metric System Direct Insertion Water Inlet and Outlet	Φ80.9mm	外径Φ90mm-1.0mpapvc管 External Diameter Φ90mm-1.0mpapvcPipe	60	46.5x46x31.6cm	11.1kg
	新款4寸公制直插式可出入口 New 4 Inch Metric System Direct Insertion Water Inlet and Outlet	Φ100.7mm	外径Φ110mm-1.0mpapvc管 External Diameter Φ110mm-1.0mpapvcPipe	60	46.5x46x31.6cm	15.76kg
英制 (BS)	新款1.5寸公制直插式可出入口 New 1.5Inch Metric System Direct Insertion Water Inlet and Outlet	Φ43mm	外径Φ48mm-D级1.5PVC管 External Diameter Φ48mm-DLevel 1.0mpapvcPipe	100	46.5x46x31.6cm	10.6kg
	新款2寸公制直插式可出入口 New 2 Inch Metric System Direct Insertion Water Inlet and Outlet	Φ54mm	外径Φ60mm-D级2PVC管 External Diameter Φ60mm-DLevel 2mpapvcPipe	100	46.5x46x31.6cm	10.78kg
	新款2.5寸公制直插式可出入口 New 2.5 Inch Metric System Direct Insertion Water Inlet and Outlet	Φ68mm	外径Φ75mm-C级2.5PVC管 External Diameter Φ75mm-CLevel 2.5mpapvcPipe	100	46.5x46x31.6cm	14.8kg
	新款3寸公制直插式可出入口 New 3 Inch Metric System Direct Insertion Water Inlet and Outlet	Φ80mm	外径Φ88.5mm-C级3PVC管 External Diameter Φ88.5mm-CLevel 3mpapvcPipe	60	46.5x46x31.6cm	11.54kg
	新款4寸公制直插式可出入口 New 4 Inch Metric System Direct Insertion Water Inlet and Outlet	Φ104.6mm	外径Φ114mm-C级4PVC管 External Diameter Φ114mm-CLevel 4mpapvcPipe	60	46.5x46x31.6cm	15.7kg

## RS-1019直插式溢水器 RS-1019Direct Insertion Overflow Device



产品型号 Product Model	产品尺寸 Product Name	颜色 Color	材料 Material	包装尺寸 Packaging Size (cm)	个/箱 PCS/box	重量 Weight
RS-1019	1.5寸公制 1.5 Inch Metric System	白色 White	ABS	45.5x36x29	100	7.44
	2寸公制 2 Inch Metric System	白色 White	ABS	45.5x36x29	100	9.26
	2.5寸公制 2.5 Inch Metric System	白色 White	ABS	59x44.5x31.5	100	13.54
	3寸公制 3 Inch Metric System	白色 White	ABS	46x45.5x35.5	80	12.4

## RS-1022直插式清洁口 RS-1022Direct Insertion Cleaning Port



产品型号 Product Model	产品名称 Product Name	颜色 Color	材料 Material	包装尺寸 Packaging Size (cm)	个/箱 PCS/box
RS-1022	直插式清洁口 Direct Insertion Cleaning Port	白色 White	ABS	45.5x36x29	100

## RS-1434直插式喷嘴 RS-1434Direct Insertion Nozzle



产品型号 Product Model	产品名称 Product Name	颜色 Color	材料 Material	包装尺寸 Packaging Size (cm)	个/箱 PCS/box
RS-1434	直插式喷嘴 Direct Insertion Nozzle	白色 White	ABS	45.5x36x29	100

## RS-1425出入水泥口 RS-1425Entrance and Exit of Cement Port



产品型号 Product Model	产品尺寸 Product Name	颜色 Color	材料 Material	包装尺寸 Packaging Size (cm)	个/箱 PCS/box	重量 Weight
RS-1425	1.5寸公制 1.5 Inch Metric System	白色 White	ABS	53x42x38	100	14.7kg
RS-1425	2寸公制 2 Inch Metric System	白色 White	ABS	53x42x38	100	16.4kg

## 溢水器 OverBow Device

### 主排水RS-1030 Main Drainage RS-1030



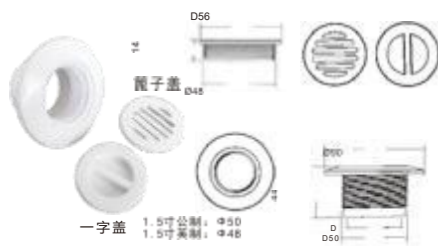
产品型号 Product Model	产品名称 Product Name	颜色 Color	材料 Material	包装尺寸 Packaging Size (cm)	个/箱 PCS/box
RS-1030	主排水 Main Drainage	白色 White	ABS	52x37x27	50

### 溢水器RS-1019 OverBow Device RS-1019



产品型号 Product Model	产品名称 Product Name	颜色 Color	材料 Material	包装尺寸 Packaging Size (cm)	个/箱 PCS/box
RS-1019	溢水器 OverBow Device	白色 White	ABS	53x47x39	100

### RS-1022清洁口 Cleanout RS-1022



产品型号 Product Model	产品名称 Product Name	颜色 Color	材料 Material	包装尺寸 Packaging Size (cm)	个/箱 PCS/box	重量 Weight
RS-1022	清洁口 Cleanout	白色 White	ABS	45x35x24	100	/
RS-1022-1	清洁口-密封盖 Cleanout-Sealing Cover	白色 White	/	/	/	7.4kg
RS-1022-2	清洁口-篦子盖 Cleanout-Grille Cover	白色 White	/	/	/	7.4kg

## 主排格栅 Main grille

### 主排格栅RS-1029(可代替1030) Main Grille RS-1029



产品型号 Product Model	产品名称 Product Name	颜色 Color	材料 Material	规格 Specifications (cm)	包装尺寸 Packaging Size (cm)	个/箱 PCS/box
RS-1029	主排格栅 Main Grille	白色 White	ABS	16.2x16.2	41x36x41	40

### 主排格栅RS-1031 Main Grille RS-1031



产品型号 Product Model	产品名称 Product Name	颜色 Color	材料 Material	包装尺寸 Packaging Size (cm)	个/箱 PCS/box
RS-1031	主排格栅 Main Grille	白色 White	ABS	41x36x41	20

### RS-1032主排格栅 Main Grille RS-1032



产品型号 Product Model	产品名称 Product Name	颜色 Color	材料 Material	包装尺寸 Packaging Size (cm)	个/箱 PCS/box
RS-1032	主排格栅 Main Grille	白色 White	ABS	63x41x33	20

## 主排格栅 Main grille

### 主排格栅RS-1032大号 Main Grille RS-1032



产品型号 Product Model	产品名称 Product Name	颜色 Color	材料 Material	规格 Specifications (cm)	包装尺寸 Packaging Size (cm)	个/箱 PCS/box
RS-1032大号	主排格栅 Main Grille	白色 White	ABS	33.5x33.5	70x36x40.5	20

### 主排格栅RS-1033 Main Grille RS-1033



产品型号 Product Model	产品名称 Product Name	颜色 Color	材料 Material	规格 Specifications (cm)	包装尺寸 Packaging Size (cm)	个/箱 PCS/box
RS-1033	主排格栅 Main Grille	白色 White	ABS	49x49	76x51.5x52.5	10

## 喷嘴 Nozzle

### 按摩喷嘴RS-1434 Massage Nozzle RS-1434



产品型号 Product Model	产品名称 Product Name	颜色 Color	材料 Material	规格 Specifications (cm)	个/箱 PCS/box
RS-1434	按摩喷嘴 Massage Nozzle	白色 White	ABS	45x36x32	25

### 直插式按摩喷嘴RS-1439 Direct Insertion Massage Nozzle



产品型号 Product Model	产品名称 Product Name	颜色 Color	材料 Material	规格 Specifications (cm)	个/箱 PCS/box	重量 Weight
RS-1439	直插式按摩 喷嘴 Direct Insertion Massage Nozzle	白色 White	ABS	46x32x25	48	12kg

### 激流喷嘴RS-1450T Torrent Nozzle



产品型号 Product Model	产品名称 Product Name	规格 Specifications (cm)	包装尺寸 Packaging Size (cm)	个/箱 PCS/box	重量 Weight
RS-1450T	激流喷嘴	1.5寸公英制通用 1.5 Inch Metric System and Imperial Units Universal	81x34x40	20	12.6kg



# 格栅 Grille

## 棱形转角 Angular Corner



产品名称 Product Name	规格 Specifications	材料 Material	个/箱 PCS/box	包装尺寸 Packaging Size (cm)
棱形格栅转角 Angular Grille Corner	18cm	ABS	40	50x47x26.5
	20cm	ABS	40	52x51x26.5
	25cm	ABS	30	62x38x38
	30cm	ABS	20	71.5x38.5x26.5
	35cm	ABS	20	49x38x37
	40cm	ABS	14	58.5x46x33

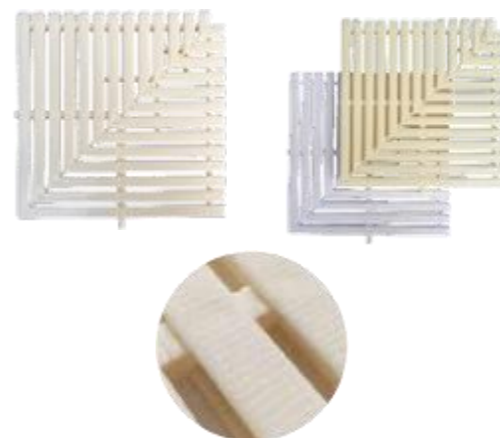
## 高级宽面格栅 Advanced Wide Grille



产品规格 Product Name	材料 Material	颜色 Color	长 Length (cm)	宽 Width (cm)	高 Height (cm)	箱 box	重量 Weight (KG)	包装尺寸 (cm) Packaging Size
18cm	ABS	骨色 Bone Color	18	2.4	2.4	20	28.2	53x48x29
20cm	ABS	骨色 Bone Color	20	2.4	2.4	20	29.8	53x53x29.5
25cm	ABS	骨色 Bone Color	25	2.4	2.4	10	20.3	53x38.5x29
30cm	ABS	骨色 Bone Color	30	2.4	2.4	10	22.5	53x48x29
35cm	ABS	骨色 Bone Color	35	2.4	2.4	10	25	55x54x28.5

颜色可按客户要求定制  
Colors can be customized according to customer requirements

## 宽面转角 Wide Corner



产品名称	规格	材料	个/箱	包装尺寸 (cm)
宽面格栅转角	18cm	ABS	40	50x47x26.5
	20cm	ABS	40	52x51x26.5
	25cm	ABS	30	62x38x38
	30cm	ABS	20	71.5x38.5x26.5
	35cm	ABS	20	49x38x37

## 新款波浪形三接口防滑格栅 New Wave Shaped Three Interface Anti Slip Grille



产品规格 Product Name	材料 Material	颜色 Color	长 Length (cm)	宽 Width (cm)	高 Height (cm)	箱 box	重量 Weight (KG)	包装尺寸 (cm) Packaging Size
18cm	ABS	骨色 Bone Color	18	2.3	2.4	20	25.63	65x53x29.5
20cm	ABS	骨色 Bone Color	20	2.3	2.4	20	28.52	69x53x30
25cm	ABS	骨色 Bone Color	25	2.3	2.4	10	17.32	53x45.5x29
30cm	ABS	骨色 Bone Color	30	2.3	2.4	10	21.80	56x53x28

颜色可按客户要求定制

## 高级T字形格栅 Advanced T-shaped Grille



产品规格 Product Name	材料 Material	颜色 Color	长 Length (cm)	宽 Width (cm)	高 Height (cm)	箱 box	重量 Weight (KG)	包装尺寸 (cm) Packaging Size
12cm浴缸专用 12cm Bathtub SpeciPc	ABS	骨色 Bone Color	12	1.3	2.3	20	14.3	53x35x23
13cm浴缸专用 13cm Bathtub SpeciPc	ABS	骨色 Bone Color	13	1.3	2.3	20	16.18	53x35x23



## 格栅 Grille

### 高级锯齿形格栅 Advanced Serrated Grille



产品规格 Product Name	材料 Material	颜色 Color	长 Length (cm)	宽 Width (cm)	高 Height (cm)	箱 box	重量 Weight (KG)	包装尺寸 (cm) Packaging Size
18cm	ABS	白色 White	18	2.8	2.9	10	19.9	53x38x31
20cm	ABS	白色 White	20	2.8	2.9	10	22	53x42x31
25cm	ABS	白色 White	25	2.8	2.9	10	26.3	53x40x36.5
30cm	ABS	白色 White	30	2.8	2.9	10	33.2	53.5x47x37.5
高级三接口 Advanced Three Interfaces								
18cm	ABS	白色 White	18	2.7	2.9	10	19	53x38x31
20cm	ABS	白色 White	20	2.7	2.9	10	20.5	53x42x31
25cm	ABS	白色 White	25	2.7	2.9	10	24.4	53x40x36.5
30cm	ABS	白色 White	30	2.7	2.9	10	31.6	53.5x47x37.5
颜色可按客户要求定制 Colors can be customized according to customer requirements								

### 防滑地垫 Non-slip Mat



#### 产品介绍

防滑地席用于游泳池岸边，游泳池更衣室，游泳池冲凉房，桑拿洗浴间等场所的防滑设备。防滑地席是用全新的PP、PPO制作，底采用天然橡胶和塑料螺丝锁钉而成。柔韧性好，可任意裁剪，不易折损，防滑性高，足感舒适，铺设方便，闲置不用时可以收卷起来方便保存。

产品规格 Product Name	材料 Material	长 Length (cm)	宽 Width (cm)	高 Height (cm)	箱 box	重量 Weight (KG)	包装尺寸 (cm) Packaging Size
防滑地席 Non-slip Mat	10m <sup>2</sup>	10	1	1	20	52	41x41x103
颜色和长度可按客户要求定制 Colors can be customized according to customer requirements							

### 白色工字形格栅 Advanced Serrated Grille



产品规格 Product Name	材料 Material	颜色 Color	长 Length (cm)	宽 Width (cm)	高 Height (cm)	箱 box	重量 Weight (KG)	包装尺寸 (cm) Packaging Size
15cm	PP	白色	15	1.3	2.3	20	20.9	53x41x25
18cm	PP	白色	18	1.3	2.3	20	25.2	54x47.5x26
20cm	PP	白色	20	1.3	2.3	20	26.2	53x53x25
25cm	PP	白色	25	1.3	2.3	10	16.3	53.5x38.5x26
30cm	PP	白色	30	1.3	2.3	10	20.8	53x46x26
颜色和长度可按客户要求定制 Colors can be customized according to customer requirements								



# 泳道线

## LANE LINE

### Φ11cm普通形泳道线 (防划伤)

#### Φ11cm Ordinary Lane Line (Scratch Resistant)



长度 Length	包装尺寸 (cm) Packaging Size (cm)	重量 Weight	直径 Diameter	颜色 Color
25m	130x50x48	≥17.5kg	Φ11cm	橘红, 蓝, 黄三种色 (颜色和长度可订做) Orange, blue, and yellow (colors and lengths can be customized)
50m	183x60x55	≥35kg		

### Φ12cm六棱形泳道线 (防划伤)

#### Φ12cm Hexagonal Lane Line (Scratch Resistant)



长度 Length	包装尺寸 (cm) Packaging Size (cm)	重量 Weight	直径 Diameter	颜色 Color
25m	130x52x55	≥31.4kg	Φ12cm	红, 蓝, 黄三种色 (颜色和长度可订做) Red, blue, and yellow (colors and lengths can be customized)
50m	186x65x60	≥62.8kg		

### Φ11cm圆形泳道线 (防划伤)

#### Φ11cm Circular Lane Line (Scratch Resistant)



长度 Length	包装尺寸 (cm) Packaging Size (cm)	重量 Weight	直径 Diameter	颜色 Color
25m	130x50x50	≥19.9kg	Φ11cm	橘红, 蓝, 黄三种色 (颜色和长度可订做) Orange, blue, and yellow (colors and lengths can be customized)
50m	188x60x56	≥39.8kg		

### Φ15cm风车形泳道线 (防划伤)

#### Φ15cm Windmill Shaped Lane Line (Scratch Resistant)



长度 Length	包装尺寸 (cm) Packaging Size (cm)	重量 Weight	直径 Diameter	颜色 Color
25m	127x94x59	≥42.8kg	Φ15cm	红, 蓝, 黄三种色 (颜色和长度可订做) Red, blue, and yellow (colors and lengths can be customized)
50m	130x96x100	≥85.6kg		

### 新款Φ12cm六棱形泳道线 (防划伤)

#### New Φ12cm Hexagonal Lane Line (Scratch Resistant)



长度 Length	包装尺寸 (cm) Packaging Size (cm)	重量 Weight	直径 Diameter	颜色 Color
25m	130x52x55	≥28.8kg	Φ12cm	橘红, 蓝, 黄三种色 (颜色和长度可订做) Orange, blue, and yellow (colors and lengths can be customized)
50m	188x65x60	≥56.3kg		

### Φ15cm六棱形泳道线 (防划伤)

#### Φ15cm Hexagonal Lane Line (Scratch Resistant)



长度 Length	包装尺寸 (cm) Packaging Size (cm)	重量 Weight	直径 Diameter	颜色 Color
25m	127x94x59	≥48.5kg	Φ15cm	红, 蓝, 黄三种色 (颜色和长度可订做) Red, blue, and yellow (colors and lengths can be customized)
50m	130x96x100	≥97kg		

# 出发台

## STARTING PLATFORMS

### Φ6cm螺旋形泳道线 (防划伤)

#### Φ6cm Spiral Lane Line (Scratch Resistant)



长度 Length	包装尺寸 (cm) Packaging Size (cm)	重量 Weight	直径 Diameter	颜色 Color
25m	86x45x39	≥12kg	Φ6cm L20CM	红, 蓝, 黄, 白四种色 (颜色和长度可订做) Red, blue, yellow, and white (colors and lengths can be customized)
50m	96x71x39.5	≥26.4kg		

### 赛事专用出发台

#### Event Specific Departure Platform



### Φ9cm螺旋形泳道线 (防划伤)

#### Φ12cm Spiral Lane Line (Scratch Resistant)



长度 Length	包装尺寸 (cm) Packaging Size (cm)	重量 Weight	直径 Diameter	颜色 Color
25m	96x71x45.5	≥16.5kg	Φ9cm L20CM	红, 蓝, 黄, 白四种色 (颜色和长度可订做) Red, blue, yellow, and white (colors and lengths can be customized)
50m	150x60x60	≥33kg		

### 专业比赛型出发台加高款

#### Professional Competition Type Departure Platform with High-end Design



### 泳道线配件

#### Lane Line Accessories



红色塑料收紧器  
Red Plastic Tightener



红色带防护套  
加重型收紧器  
Red Belt with Protective  
Cover and Heavy-duty  
Tightener



红色带防护套拉钩  
Red with Protective Cover  
and Hook



泳线池身挂钩位  
Swimming Line Pool  
Body Hook Position



挂钩位  
Hook Position

### 专业比赛型出发台加宽款

#### Professional Competition Type Widened Departure Platform



## CFT2出发台

### CET2 Departure Platform



- (1)出发台符合FINA国际泳联(2017-2021)FR2.7条的规定。
- (2)产品采用改性FRP增强复合纤维制成，主体颜色为白色，终身防腐。
- (3)出发台的后端配有五档蹬脚起跳装置，运动员可以根据自己的需要调节蹬脚起跳装置的位置。
- (4)出发台起跳面板长740mm/宽560mm,出发端高度400mm,出发端和水平面角度为9度。
- (5)出发台的台面采用树脂砂防滑工艺制成。防滑性能好，且易于更换，满足训练及比赛的要求。
- (6)出发台起跳面板可安装各类电动计时设备，如：欧米茄、科罗拉多、数智体育等。
- (7)调节后蹬脚板具有快速拆装专利功能。
- (8)出发台表面印有醒目的《规范安全使用警示中英文标语》。固定锁螺丝外盖，拆卸方便，产品总重为55公斤。

- (1) The departure platform complies with the regulations of FINA International Swimming Federation (2017-2021) FR2.7.
- (2) The product is made of modified FRP reinforced composite fibers, with a main color of white and lifelong anti-corrosion.
- (3) The rear end of the departure platform is equipped with a five speed kickoff device, and athletes can adjust the position of the kickoff device according to their needs.
- (4) The take-off panel of the departure platform is 740mm long and 560mm wide, with a height of 400mm at the starting end and an angle of 9 degrees between the starting end and the horizontal plane.
- (5) The tabletop of the departure platform is made of resin sand anti slip technology. Good anti slip performance and easy replacement, meeting the requirements of training and competition.
- (6) The take-off panel of the departure platform can be equipped with various electric timing devices, such as Omega, Colorado, and Smart Sports.
- (7) The adjustable footrest has a patented function for quick disassembly and assembly.
- (8) The surface of the departure platform is printed with a prominent Standard Safety Use Warning in Chinese and English Slogan. The fixed lock screw cover is easy to disassemble, and the total weight of the product is 55 kilograms.

## CFT2升级款出发台

### CFT2 Upgraded Departure Platform



- (1)出发台符合FINA国际泳联(2017-2021)FR2.7条的规定。
- (2)产品采用乙烯基酯耐氯FRP增强复合纤维制成，主体颜色为白色，终身防腐。
- (3)出发台的后端配有五档蹬脚起跳装置，运动员可以根据自己的需要调节蹬脚起跳装置的位置。
- (4)出发台起跳面板长740mm/宽560mm,出发端高度400mm,出发端和水平面角度为9度。
- (5)出发台的台面采用树脂砂防滑工艺制成，防滑性能好，能满足比赛的要求。
- (6)出发台起跳面板可安装各类电动计时设备，如：欧米茄、科罗拉多、数智体育等。
- (7)调节后蹬脚板具有快速拆装专利功能。
- (8)出发台表面印有醒目的《规范安全使用出发台警示中英文标语》。

- (1) The departure platform complies with the regulations of FINA International Swimming Federation (2017-2021) FR2.7.
- (2) The product is made of vinyl ester chlorine resistant FRP reinforced composite fiber, with a main color of white and lifelong anti-corrosion.
- (3) The rear end of the departure platform is equipped with a five speed kickoff device, and athletes can adjust the position of the kickoff device according to their needs.
- (4) The take-off panel of the departure platform is 740mm long and 560mm wide, with a height of 400mm at the starting end and an angle of 9 degrees between the starting end and the horizontal plane.
- (5) The tabletop of the departure platform is made of resin sand anti slip technology, which has good anti slip performance and can meet the requirements of the competition.
- (6) The take-off panel of the departure platform can be equipped with various electric timing devices, such as Omega, Colorado, and Smart Sports.
- (7) The adjustable footrest has a patented function for quick disassembly and assembly.
- (8) The surface of the departure platform is printed with a prominent Standard Safety Use Warning of Departure Platform in Chinese and English Slogan.

## CFT3训练型出发台

### CFT3 Training Departure Platform



- (1)出发台符合FINA国际泳联(2017-2021)FR2.7条的规定。
- (2)产品底座采用进口PE军用改性高强度材质模压成型，面板采用乙烯基酯耐氯FRP增强复合纤维制成，终身防腐，底座颜色可按客户要求定制。
- (3)出发台面板的后端（可选配）固定式蹬脚板（标配不带）。
- (4)出发台起跳面板长740mm/宽500mm,出发端高度400mm,出发端和水平面角度为9度，前端配有可拆装仰泳出发把手。
- (5)出发台面板表面采用树脂砂防滑工艺制成，防滑性能好，能满足比赛及训练的要求。
- (6)出发台面板表面可安装电动计时出发判断器，如：科罗拉多、数智体育等。
- (7)出发台表面印有醒目的《规范安全使用出发台警示中英文标语》。

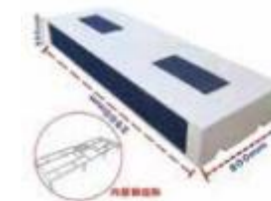
- (1) The departure platform complies with the regulations of FINA International Swimming Federation (2017-2021) FR2.7.
- (2) The product base is made of imported PE military-modified high-strength material by molding, and the panel is made of vinyl ester chlorine-resistant FRP reinforced composite fibers, which are corrosion-resistant for life. The base color can be customized according to customer requirements.
- (3) The rear end of the departure platform panel (optional) has a fixed footrest board (not included as standard).
- (4) The take-off panel of the starting platform is 740mm long and 500mm wide, with a height of 400mm at the starting end. The angle between the starting end and the horizontal plane is 9 degrees, and the front end is equipped with a detachable backstroke starting handle.
- (5) The surface of the departure platform panel is made of resin sand anti slip technology, which has good anti slip performance and can meet the requirements of competitions and training.
- (6) The surface of the departure platform panel can be equipped with electric timing departure judgment devices, such as Colorado, Smart Sports, etc.
- (7) The surface of the departure platform is printed with a prominent Standard Safety Use Warning of Departure Platform in Chinese and English Slogan.

## 出发台垫高台

### Departure Platform with Elevated Platform

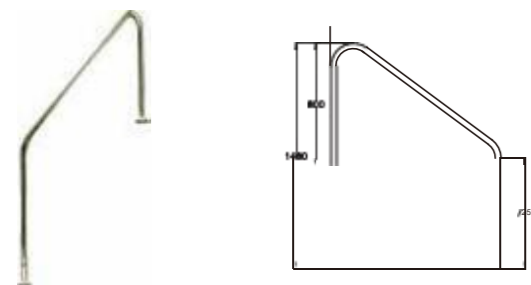
产品介绍：出发台垫高台，长度2500宽度800高度300，内部为25×25,304材质，1.0厚度方管，内置3.0厚度不锈钢304方盘，整体外壳由树脂纤维色浆等材料合成，称为玻璃钢。垫高表面做有条纹颗粒防滑以及ABS格栅，前置ABS格栅，左右两边都预留搬抬孔，以及膨胀螺丝定位孔，后置出发台固定锁螺丝外盖，拆卸方便，产品总重为55公斤。

Product Introduction: The departure platform is equipped with a high platform, with a length of 2500, a width of 800, and a height of 300. The interior is made of 25 × 25304 material, with a 1.0-thick square tube and a built-in 3.0-thick stainless steel 304 square plate. The overall shell is composed of resin fiber color paste and other materials, called fiberglass. The raised surface is equipped with striped particles for anti slip and ABS grille. The front ABS grille has reserved lifting holes on both sides, as well as expansion screw positioning holes. The rear departure platform is fixed with a screw cover for easy disassembly. The total weight of the product is 55 kilograms.

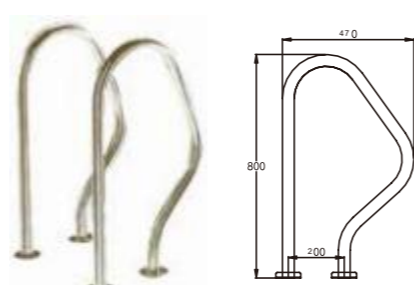


# 水扶梯

## WATER ESCALATOR



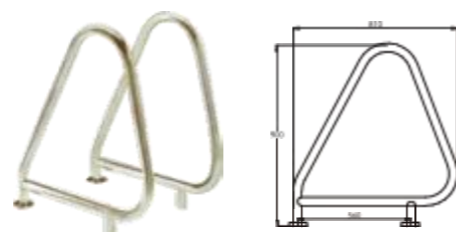
SP-3001  
扶手 Handrail  
1120x1480mm



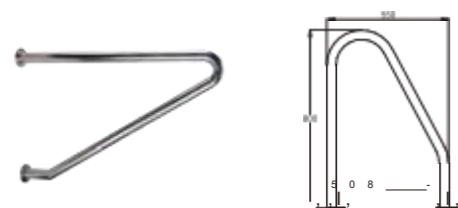
SP-3032B  
扶手 Handrail  
470x800mm



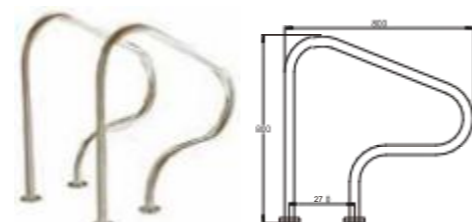
SP-3002  
扶手 Handrail  
1250x800mm



SP-3033  
扶手 Handrail  
810x900mm



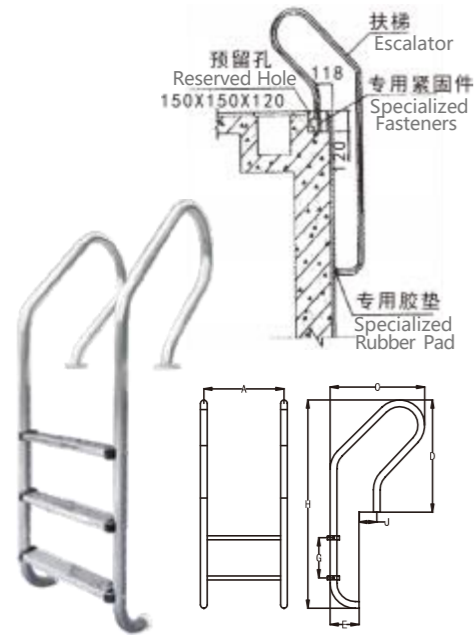
SP-3003  
不锈钢扶手 Handrail  
508x800mm



SP-3003  
扶手 Handrail  
800x800mm

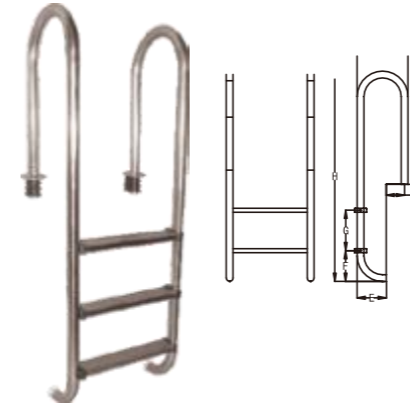


## 扶梯系列 Escalator Series



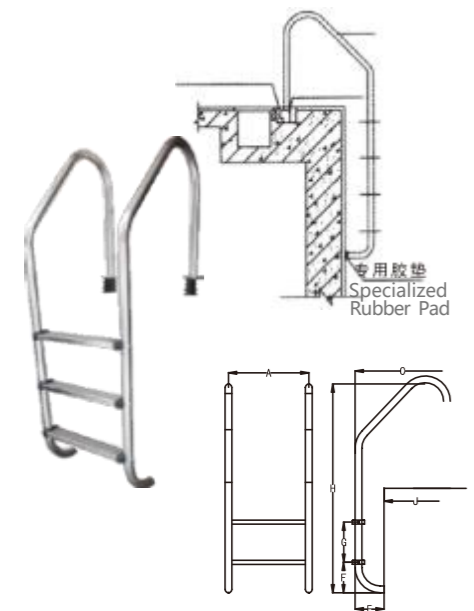
产品型号 Model	产品名称 Product Name	直径 Diameter	材料 Material	重量 Weight	体积 Volume	包装尺寸 Packaging Size (cm)
RS-SF-215	2阶扶梯 2Step Escalator	42	304#	10.5	0.078	142x6x66
RS-SF-315	3阶扶梯 3Step Escalator	42	304#	11.5	0.078	168x6x66
RS-SF-415	4阶扶梯 4Step Escalator	42	304#	12.5	0.09	193x6x71
RS-SF-515	5阶扶梯 5Step Escalator	42	304#	13.5	0.1	220x6x66

型号 Model	H	C	D	E	F	G	A	J
RS-SF-215	1300	592	700	180	190	250	500	110
RS-SF-315	1550	592	700	180	190	250	500	110
RS-SF-415	1800	592	700	180	190	250	500	110
RS-SF-515	2050	592	700	180	190	250	500	110



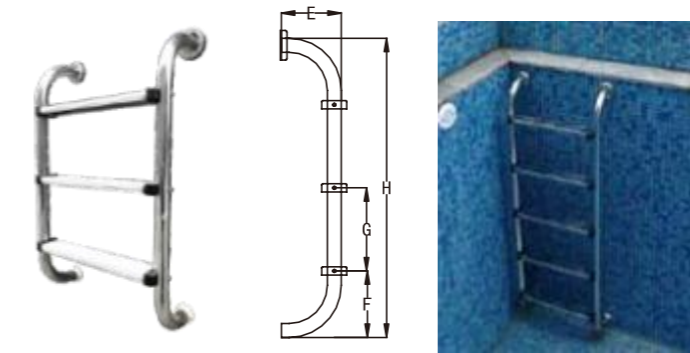
产品型号 Model	产品名称 Product Name	直径 Diameter	材料 Material	重量 Weight	体积 Volume	包装尺寸 Packaging Size (cm)
RS-MU-215	2阶扶梯 2Step Escalator	42	304#	10.5	0.078	142x6x66
RS-MU-315	3阶扶梯 3Step Escalator	42	304#	11.5	0.078	168x6x66
RS-MU-415	4阶扶梯 4Step Escalator	42	304#	12.5	0.09	193x6x71
RS-MU-515	5阶扶梯 5Step Escalator	42	304#	13.5	0.1	220x6x66

型号 Model	H	C	D	E	F	G	A	J
RS-MU-215	1300	314	700	180	190	250	500	113
RS-MU-315	1550	314	700	180	190	250	500	113
RS-MU-415	1800	314	700	180	190	250	500	113
RS-MU-515	2050	314	700	180	190	250	500	113



产品型号 Model	产品名称 Product Name	直径 Diameter	材料 Material	重量 Weight	体积 Volume	包装尺寸 Packaging Size (cm)
RS-SL-215	2阶扶梯 2Step Escalator	42	304#	10.5	0.078	142x6x66
RS-SL-315	3阶扶梯 3Step Escalator	42	304#	11.5	0.078	168x6x66
RS-SL-415	4阶扶梯 4Step Escalator	42	304#	12.5	0.09	193x6x71
RS-SL-515	5阶扶梯 5Step Escalator	42	304#	13.5	0.1	220x6x66

型号 Model	H	C	D	E	F	G	A	J
RS-SL-215	1300	592	700	180	190	250	500	390
RS-SL-315	1550	592	700	180	190	250	500	390
RS-SL-415	1800	592	700	180	190	250	500	390
RS-SL-515	2050	592	700	180	190	250	500	390



型号 Model	H	C	D	E
RS-SL-215	1300	592	700	180
RS-SL-315	1550	592	700	180
RS-SL-415	1800	592	700	180
RS-SL-515	2050	592	700	180



型号 Model	踏板 Pedal	A	B	C	D	E	F
RS-SA2+2	2+2	950	1400	250	850	315	500
RS-SA3+3	3+3	1250	1650	250	1100	315	500
RS-SA4+4	4+4	1550	1900	250	1350	315	500
RS-SA5+5	5+5	1850	2150	250	1600	315	500