

BILANDA

BILANDA

BILANDA

**SPECIALIZED MANUFACTURER OF WATER
TREATMENT EQUIPMENT**

Guangzhou Blenda Water Treatment Equipment Co., LTD
Add: Hengyi Science and Innovation Industrial Park, Nanhai District,
Foshan City, Guangdong Province





Company Profile

Guangdong Bilande Water Treatment Equipment Co., Ltd. is a professional manufacturer integrated with research, design, production and sales, owning its independent brand Bilande.

We provide complete energy-saving and eco-friendly water treatment solutions for swimming pools, water parks, spas, saunas, aquaculture farms and aquariums across the globe.

Backed by seasoned engineers and academic research strengths, we operate a modern factory covering over 25,000 square meters, equipped with fully automated production lines and a professional technical workforce.

All products are manufactured in compliance with international standards with unified brand styling. We independently develop a full range of plastic sand filters suitable for household, commercial and industrial usage.

Upholding the philosophy of premium quality, technological innovation and sustainable development, we deliver stable, cost-effective and dependable water treatment equipment for clients worldwide.

20⁺

Experienced Staff

150⁺

Professional
Technicians

300⁺

Premium Products

25000_{m²}

Production &
Research Base

Core Product Range

Bilanda boasts a full-spectrum product lineup covering all key water treatment processes.

Our filtration series includes plastic sand filters, fiberglass sand filters, stainless steel sand filters, hair collectors and various high-efficiency precision filters. We also supply complete disinfection systems, intelligent control units, circulating water pumps, pool accessories as well as sauna supporting facilities.

Custom OEM and ODM services are available to meet diverse global market demands.

Core Technical Advantages

We integrate IoT, advanced new materials and intelligent control technology into our products.

Equipped with self-developed cloud management system, our devices support remote monitoring, automatic operation and intelligent fault alert via mobile phones. Optimized backwash design saves up to 80% water and cuts daily maintenance costs greatly.

Adopting eco-friendly physical sterilization and renewable filter media technology largely reduces chemical usage, achieving energy-saving and environmentally friendly operation. Supported by multiple technical patents, we keep upgrading products towards trouble-free, maintenance-free and high-efficiency performance.

Quality Assurance

We stick to high quality, timely delivery and reasonable pricing principles. Supported by automated production lines and complete mould development capacity, we ensure stable supply of equipment in all specifications.

Corporate Philosophy & Vision

We adhere to the concepts of environmental protection, energy saving, sustainability and intelligent control. Focusing on integrity, innovation, superior quality and win-win cooperation, we provide one-stop services from solution design to after-sales support.

Committed to leading the upgrading of water treatment industry, we aim to set new industry standards for intelligent water management solutions. We sincerely look forward to establishing long-term stable cooperation with global partners, delivering reliable Chinese intelligent manufacturing products worldwide.

P.01

7

PUMP

CP SERIES | HIGH FLOW CIRCULATING WATER PUMP
BP SERIES | HIGH PERFORMANCE WATER PUMP
YP SERIES | SUPER SILENT WATER PUMP
SP SERIES CIRCULATING WATER PUMP
SPS SERIES CIRCULATING WATER PUMP

P.03

31

STAINLESS STEEL FILTER

STU SERIES TOP MOUNT SAND FILTER
STK SERIES SIDE MOUNT FLANGE SAND FILTER
SCSF SERIES LARGE SAND FILTER
SHWF SERIES COMMERCIAL LARGE SAND FILTER
MULTI-FUNCTIONAL VALVE
MULTI-FUNCTIONAL VALVE ACCESSORIES
SAND FILTER ACCESSORIES

P.05

47

SWIMMING POOL ACCESSORIES

LANE LINE
POOL LADDER / HANDRAIL
STARTING BLOCK
POOL GRATING
POOL WATER CIRCULATION FITTINGS
UNDERWATER LIGHT

P.07

67

DISINFECTION EQUIPMENT

AUTOMATIC DOSER
WATER QUALITY TESTER
OZONE GENERATOR
ULTRAVIOLET STERILIZER
COPPER-SILVER ION WATER PURIFICATION SYSTEM
SILIPHOS TANK

P.02

21

PLASTIC SAND FILTER

TT SERIES TOP MOUNT SAND FILTER
TT SERIES SIDE MOUNT SAND FILTER
TM SERIES TOP MOUNT SAND FILTER
TM SERIES SIDE MOUNT SAND FILTER
TF SERIES SAND FILTER
TF-C SERIES SAND FILTER & PUMP COMBO
HT600 AUTOMATIC VALVE FILTER
HTS600 AUTOMATIC VALVE FILTER
HTA13600 AUTOMATIC VALVE FILTER
HTB13600 AUTOMATIC VALVE FILTER

P.04

41

PRECISION FILTER

AUTOMATIC SEDIMENT FILTER
PERLITE REGENERATIVE FILTER
FIBER BALL PRECISION FILTER
PVC FILTER

P.06

61

SWIMMING POOL CLEANING & LIFESAVING SUPPLIES

POOL CLEANING TOOLS
SUCTION CLEANER SET
HAIR COLLECTOR
LIFESAVING PRODUCTS

P.08

73

SPA PRODUCTS

SPA PRODUCTS
SAUNA ACCESSORIES

01

PUMP



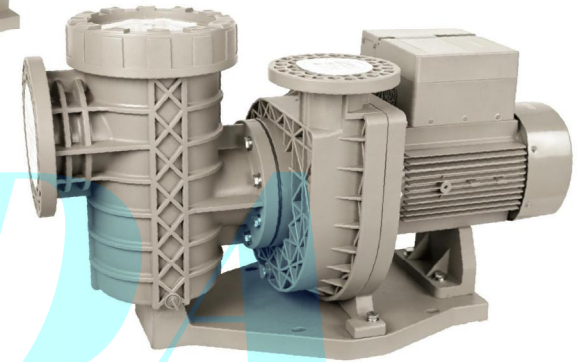
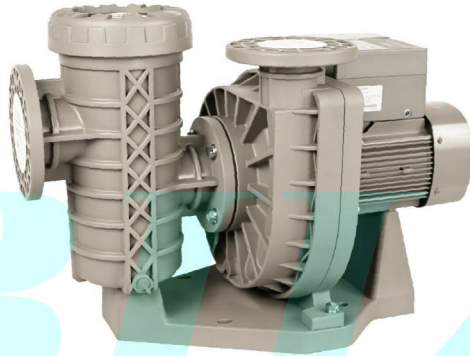
CP Series Large Flow Circulation Pump



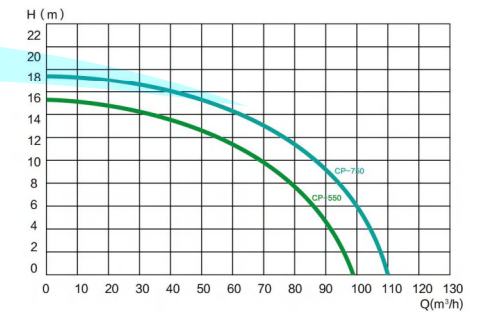
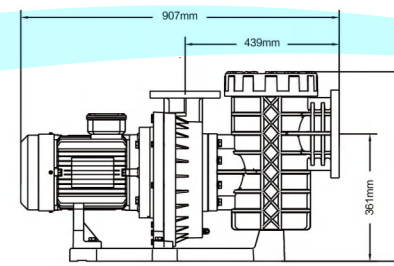
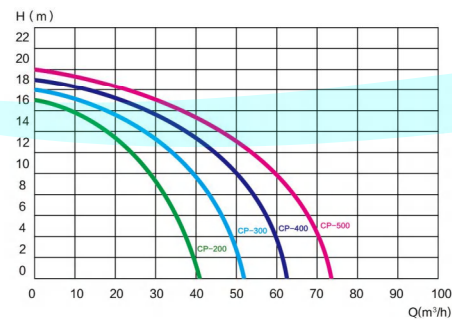
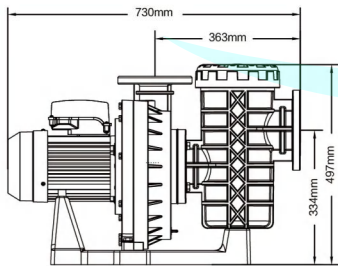
- Low noise design
- Energy Saving Up To 50%
- Corrosion and High Temp Resistant
- 316 Stainless Steel Motor Shaft and Spring
- Class F Insulated Motor, IP55 Waterproof Grade
- Applicable to pools, hot springs, aquariums, etc.

CP200-500

CP550-750



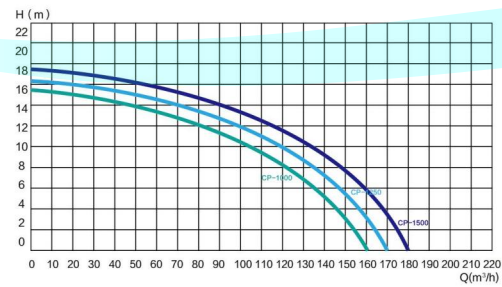
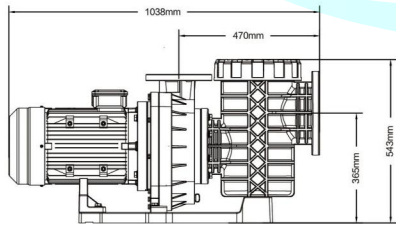
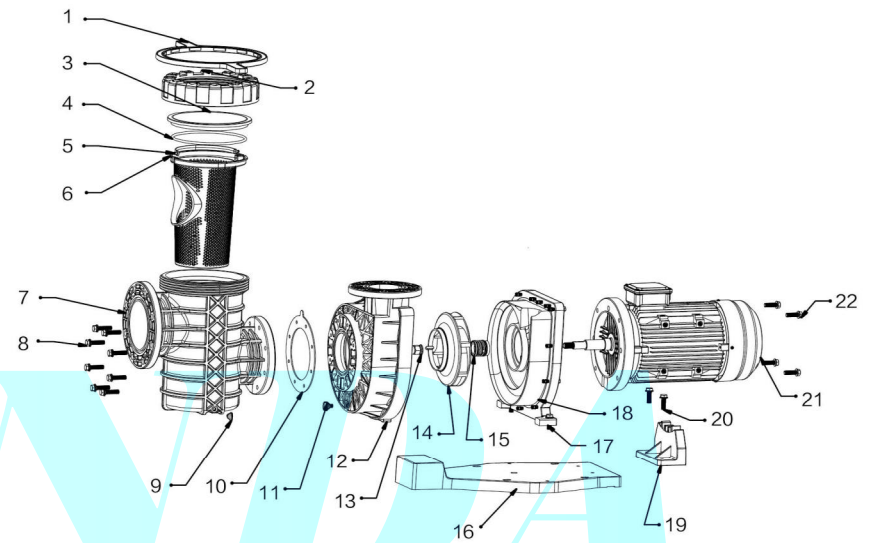
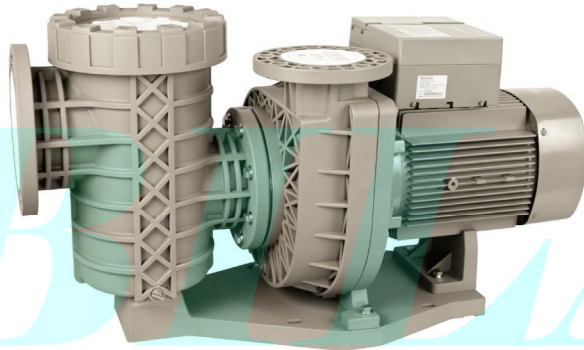
BILANDA



Model	Voltage (V)	Frequency (Hz)	Rated Power (kW)	Horsepower (HP)	Rotational speed (RPM)	H-max (m)	Q-max (m³/h)	Pipe diameter (inlet/outlet)
CP-200	380	50	1.5	2.0	1450	16	41	DN80 / DN65
CP-300	380	50	2.2	3.0	1450	17	52	DN80 / DN65
CP-400	380	50	3.0	4.0	1450	18	64	DN80 / DN65
CP-500	380	50	3.8	5.0	1450	19	74	DN80 / DN65

Model	Voltage (V)	Frequency (Hz)	Rated Power (kW)	Horsepower (HP)	Rotational speed (RPM)	H-max (m)	Q-max (m³/h)	Pipe diameter (inlet/outlet)
CP-550	380	50	4.0	5.5	1450	16	99	DN125 / DN80
CP-750	380	50	5.5	7.5	1450	18	110	DN125 / DN80

CP1000-1500

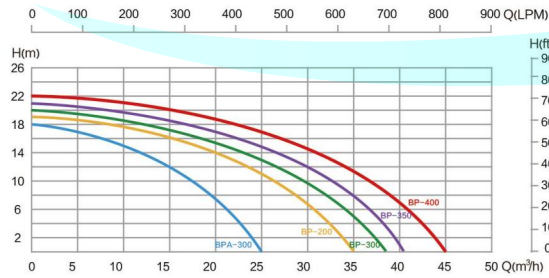
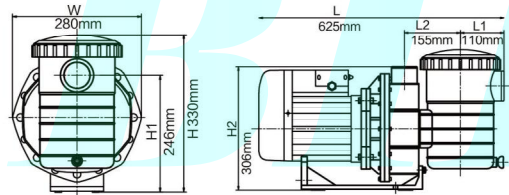


Model	Voltage (V)	Frequency (Hz)	Rated Power (kW)	Horsepower (HP)	Rotational speed (RPM)	H-max (m)	Q-max (m³/h)	Pipe diameter (inlet/outlet)
CP-1000	380	50	7.5	10.0	1450	16	161	DN150 / DN100
CP-1250	380	50	9.0	12.5	1450	17	170	DN150 / DN100
CP-1500	380	50	11.0	15.5	1450	18	180	DN150 / DN100

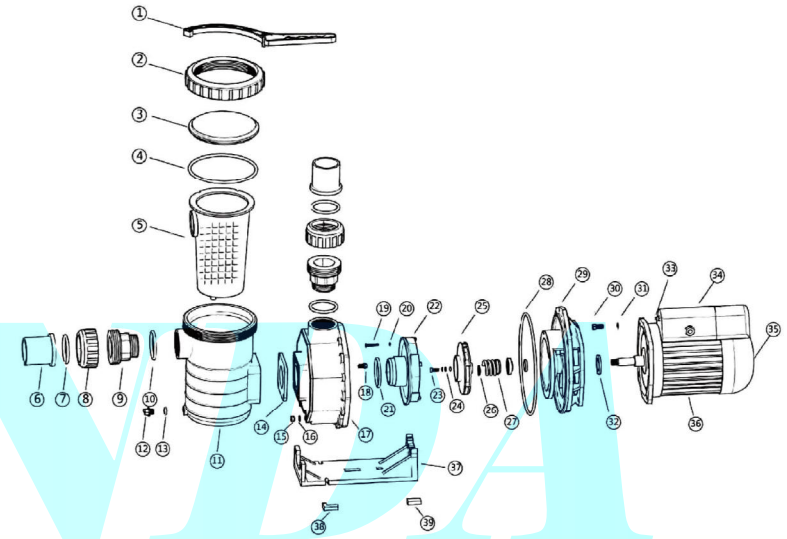
CP Series Pump Exploded View

- | | | |
|-------------------------|--------------------|---------------------------|
| 01 Nut Special Wrench | 09 Screw plug | 17 Pump Body Fixing Screw |
| 02 Big Nut | 10 Flat washer | 18 Flange |
| 03 Transparent cover | 11 Drain Screw | 19 Basement |
| 04 Sealing ring | 12 Pump Body | 20 Fixing Screw |
| 05 Filter Basket Handle | 13 Lock Bolts | 21 Motor |
| 06 Filter basket | 14 Impeller | 22 Motor Fixing Screw |
| 07 Barre | 15 Mechanical seal | |
| 08 Lock Bolts | 16 Basement | |

BP Series Swimming Pool & Spa Pump



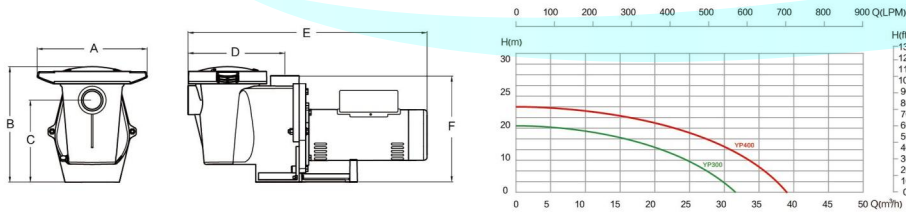
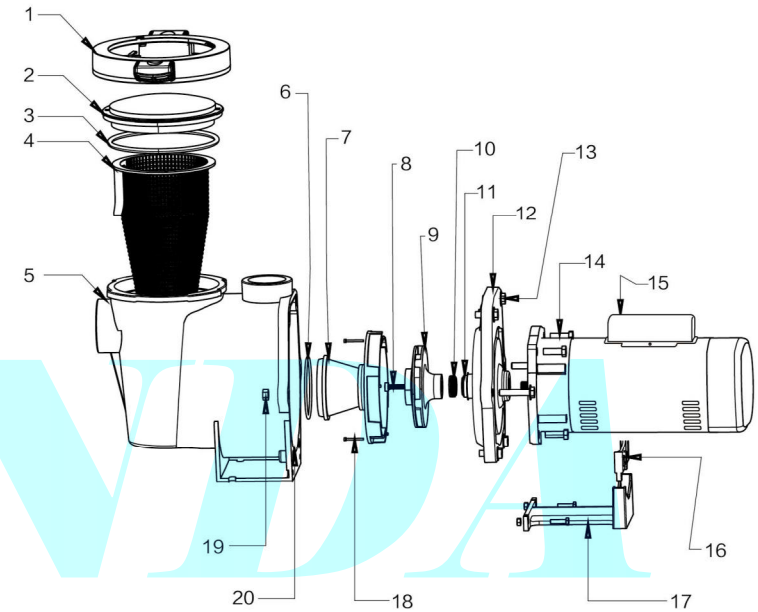
Model	Voltage (V)	Frequency (Hz)	Rated Power (kW)	Horsepower (HP)	H-max (m)	Q-max (m³/h)	Pipe diameter (inch/mm)
BPA-300	220	50	2.2	3.0	19	38	2.0"/60/63
BP-200	220	50	1.5	2.0	19	35	2.0"/60/63
BP-300	220/380	50	2.2	3.0	20	38	2.0"/60/63
BP-350	220/380	50	2.6	3.5	21	40	2.0"/60/63
BP-400	380	50	3.0	4.0	22	45	2.0"/60/63



BP Series Pump Exploded View

- | | |
|-------------------------------|-------------------------------|
| 01 Plastic Spanner | 21 O'ring |
| 02 Lid Lock Ring | 22 Diffuser |
| 03 Lid | 23 Screw |
| 04 O'ring | 24 Gasket |
| 05 Basket Strainer | 25 Impeller |
| 06 Union Bushing(Metric/Inch) | 26 Gasket |
| 07 O'ring | 27 Shaft Seal |
| 08 Union Nut | 28 O'ring |
| 09 Union | 29 Flange |
| 10 O'ring | 30 Screw |
| 11 Hair collector | 31 Gasket |
| 12 Drain Plug | 32 Throw Water Ring |
| 13 O'ring | 33 Electric Current Safeguard |
| 14 Gasket | 34 Junction Box |
| 15 Screw | 35 Ventilation Hood |
| 16 Gasket | 36 Motor |
| 17 Pump Body | 37 Base |
| 18 Screw | 38 Base Cushion |
| 19 Screw | 39 Base Cushion |
| 20 Gasket | |

YP Series High-Performance Ultra Quiet Pump



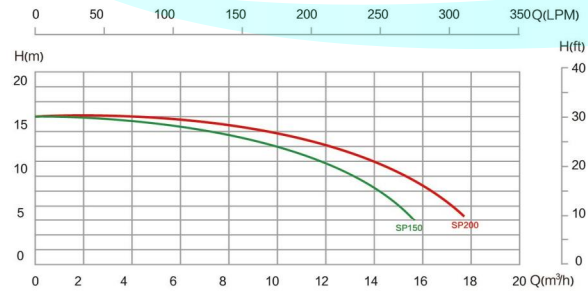
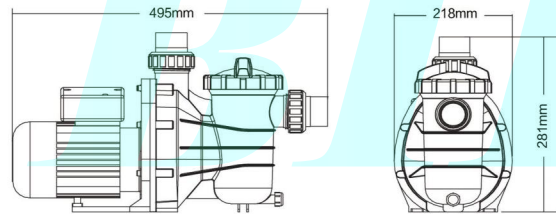
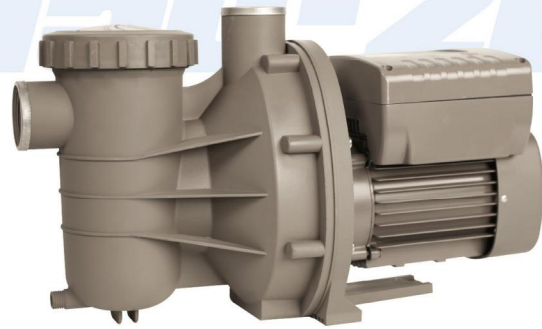
Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
YP-300	310	325	330	275	675	300
YP-400	310	325	330	275	675	400

Model	Voltage (V)	Rated Power (kW)	Horsepower (HP)	H-max (m)	Q-max (m³/h)	Pipe diameter (inch/mm)
YP-300	380	2.2	3.0	18	31	2.0"/60/63
YP-400	380	3.0	4.0	22	38	2.0"/60/63

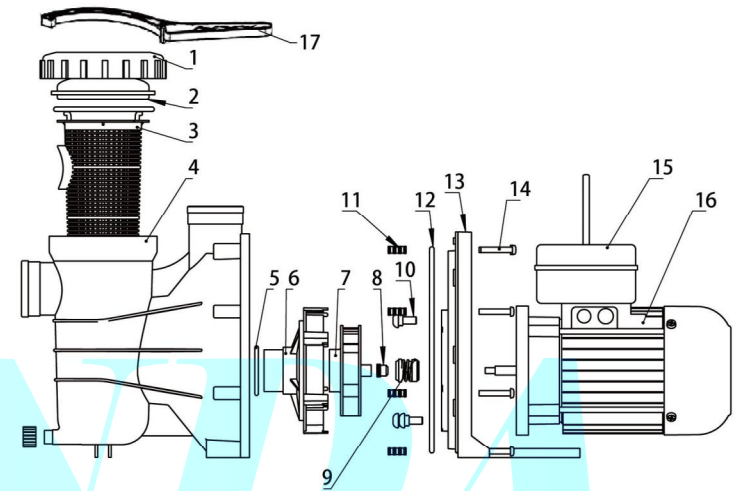
YP Series Pump Exploded View

- | | |
|--|-----------------------------|
| 01 Water collecting chamber nut | 11 Seal spring end |
| 02 Transparent cover | 12 Pump body flange |
| 03 Seal ring of water collecting chamber | 13 Locking screw |
| 04 Filter screen | 14 Pump locking screw |
| 05 Pump body | 15 Motor |
| 06 Guide vane seal ring | 16 Motor fixing clip |
| 07 Guide vane | 17 Motor base |
| 08 Impeller fixing screw | 18 Guide vane fixing screw |
| 09 Impeller | 19 Locking nut of pump body |
| 10 Seal ceramic end | 20 Pump body seal ring |

SP Series



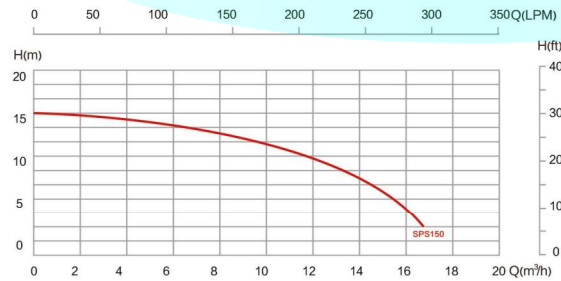
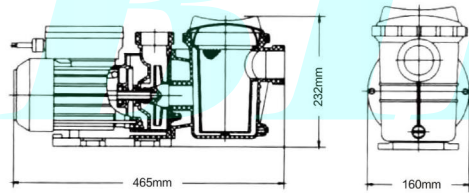
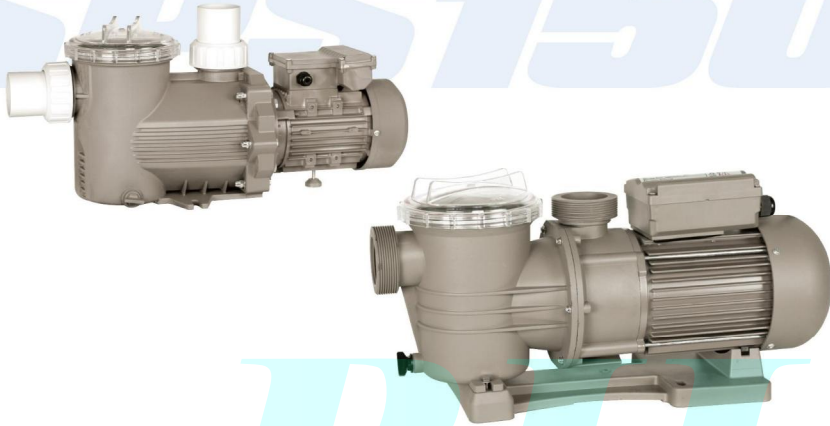
Model	Voltage (V)	Rated Power (kW)	Horsepower (HP)	H-max (m)	Q-max (m³/h)	Pipe diameter (inch/mm)
SP-150	220	1.1	1.5	16	16	1.5"/48/50
SP-200	220	1.5	2.0	16	18	1.5"/48/50



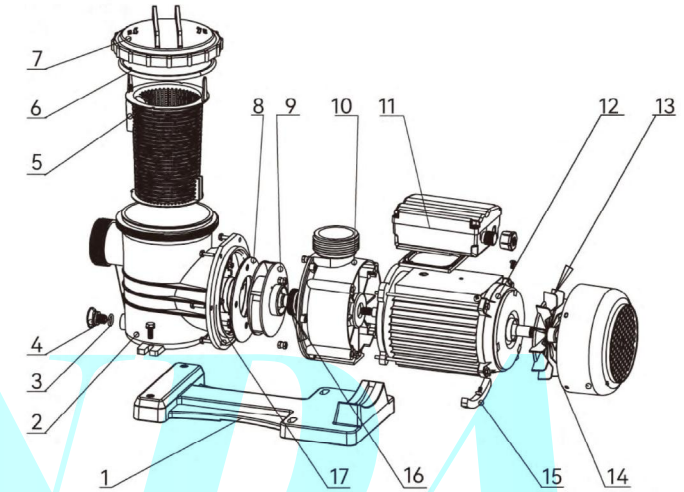
SP Series Pump Exploded View

- 01 Base
- 02 Transparent cover
- 03 Filter basket
- 04 Pump body
- 05 Sealing ring
- 06 Water diffuser
- 07 Impeller
- 08 Impeller screw
- 09 Mechanical seal
- 10 Screw
- 11 Nut
- 12 Sealing ring
- 13 Fran
- 14 Screw
- 15 Junction box
- 16 Motor
- 17 Wrench

SPS Series



Model	Voltage (V)	Rated Power (kW)	Horsepower (HP)	H-max (m)	Q-max (m³/h)	Pipe diameter (inch/mm)
SPS-150	220	1.1	1.5	15	16.5	1.5"/48/50



SPS Series Pump Exploded View

- | | |
|-------------------------------|----------------------------|
| 01 Base | 10 Pump body |
| 02 Barrel body | 11 Junction boxes |
| 03 Drain seal ring | 12 Motor |
| 04 Drain | 13 Cooling fan |
| 05 Filter | 14 Air hood |
| 06 Clear cover seal ring | 15 Motor securing cassette |
| 07 Transparent cover | 16 Mechanical seal |
| 08 Water diffuser cover plate | 17 Sealing ring |
| 09 Impeller | |

02

PLASTIC SAND FILTER



Made of high-density polyethylene (HDPE), the plastic sand filter tank adopts integral blow molding structure without welding seams. It effectively prevents leakage issues resulted from seam aging and uneven stress, ensuring excellent tightness and stable pressure bearing capacity.

Filled mainly with quartz sand filter media, this equipment is widely applicable to villa pools, water parks, aquaculture, industrial circulating water and sewage treatment. It purifies water efficiently by intercepting and adsorbing suspended solids, colloids and organic contaminants.



Tank body is made of HDPE material, featuring pressure resistance, corrosion resistance and lightweight design, with rated water pressure resistance up to 250kPa.

Control valves include 4-way, 5-way and 6-way multi-port types. It switches between filtration, backwashing, forward washing and draining with easy operation.

Collection system: Distributor at tank bottom and collector at top ensure even water flow through filter media, preventing flow dead zones and short circuit.

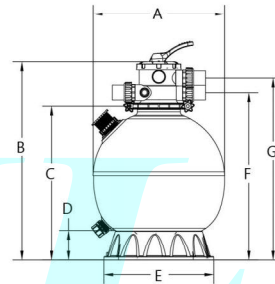
Auxiliary components include inlet & outlet connectors, pressure gauge, air vent and drain port, facilitating pressure monitoring, air release and routine maintenance.

TT Series Top-mount Sand Filter



Material
HDPE

Normal Working Pressure
2.5kg (250kPa/36psi/2.5bar)



Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
TT500 (20")	500	770	600	120	425	650	700
TT600 (24")	600	870	700	120	425	750	800
TT700 (28")	700	950	780	130	570	830	890
TT800 (32")	800	1120	900	130	570	960	1050
TT900 (36")	900	1250	1020	150	715	1090	1180
TT1000 (40")	1000	1300	1080	150	715	1150	1230
TT1100 (44")	1100	1420	1200	175	880	1275	1360
TT1200 (48")	1200	1520	1300	175	880	1370	1450

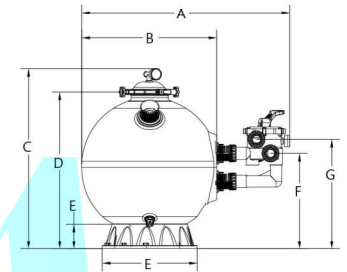
Model	Valve Connection Size (inch/mm)	Filter Area (m ²)	Flow Rate (m ³ /h)	Sand weight (kg)	Pool Volume (m ³)
TT500 (20")	1.5"/48/50	0.2	10	100	65-95
TT600 (24")	1.5"/48/50	0.28	14	160	95-130
TT700 (28")	1.5"/48/50	0.38	19	220	130-165
TT800 (32")	2.0"/60/63	0.5	25	300	185-200
TT900 (36")	2.0"/60/63	0.64	30	400	200-240
TT1000 (40")	2.0"/60/63	0.78	35	650	240-265
TT1100 (44")	2.0"/60/63	0.95	44	680	265-300
TT1200 (48")	2.0"/60/63	1.13	50	700	300-360

TT Series Side-mount Sand Filter



Material
HDPE

Normal Working Pressure
2.5kg (250kPa/36psi/2.5bar)



Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)
TT500 (20")	830	700	770	600	120	390	390	450
TT600 (24")	930	800	870	700	120	430	430	490
TT700 (28")	1030	880	950	800	130	460	460	520
TT800 (32")	1150	1000	1120	900	130	580	580	650
TT900 (36")	1250	1130	1250	1020	150	650	650	730
TT1000 (40")	1360	1180	1300	1080	150	650	650	730
TT1100 (44")	1460	1300	1420	1200	175	730	730	800
TT1200 (48")	1560	1450	1520	1300	175	800	800	890

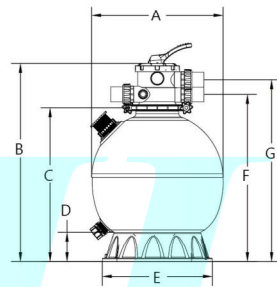
Model	Valve Connection Size (inch/mm)	Filter Area (m ²)	Flow Rate (m ³ /h)	Sand weight (kg)	Pool Volume (m ³)
TT500 (20")	1.5"/48/50	0.2	10	100	65-95
TT600 (24")	1.5"/48/50	0.28	14	160	95-130
TT700 (28")	1.5"/48/50	0.38	19	220	130-165
TT800 (32")	2.0"/60/63	0.5	25	300	185-200
TT900 (36")	2.0"/60/63	0.64	30	400	200-240
TT1000 (40")	2.0"/60/63	0.78	35	650	240-265
TT1100 (44")	2.0"/60/63	0.95	44	680	265-300
TT1200 (48")	2.0"/60/63	1.13	50	700	300-360

TM Series Top-mount Sand Filter



Material
HDPE / Fiberglass

Normal Working Pressure
2.5kg (250kPa/36psi/2.5bar)



Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)
TM500 (20")	500	770	600	120	425	650	700
TM600 (24")	600	870	700	120	425	750	800
TM700 (28")	700	950	780	130	570	830	890
TM800 (32")	800	1120	900	130	570	960	1050
TM900 (36")	900	1250	1020	150	715	1090	1180
TM1000 (40")	1000	1300	1080	150	715	1150	1230
TM1100 (44")	1100	1420	1200	175	880	1275	1360
TM1200 (48")	1200	1520	1300	175	880	1370	1450

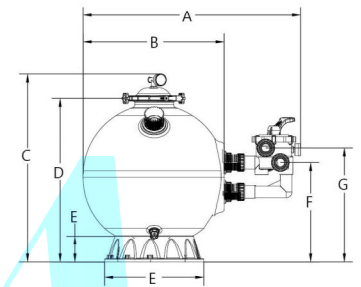
Model	Valve Connection Size (inch/mm)	Filter Area (m ²)	Flow Rate (m ³ /h)	Sand weight (kg)	Pool Volume (m ³)
TM500 (20")	1.5"/48/50	0.2	10	100	65-95
TM600 (24")	1.5"/48/50	0.28	14	160	95-130
TM700 (28")	1.5"/48/50	0.38	19	220	130-165
TM800 (32")	2.0"/60/63	0.5	25	300	185-200
TM900 (36")	2.0"/60/63	0.64	30	400	200-240
TM1000 (40")	2.0"/60/63	0.78	35	650	240-265
TM1100 (44")	2.0"/60/63	0.95	44	680	265-300
TM1200 (48")	2.0"/60/63	1.13	50	700	300-360

TM Series Side-mount Sand Filter



Material
HDPE / Fiberglass

Normal Working Pressure
2.5kg (250kPa/36psi/2.5bar)



Model	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)
TM500 (20")	830	700	770	600	120	390	390	450
TM600 (24")	930	800	870	700	120	430	430	490
TM700 (28")	1030	880	950	800	130	460	460	520
TM800 (32")	1150	1000	1120	900	130	580	580	650
TM900 (36")	1250	1130	1250	1020	150	650	650	730
TM1000 (40")	1360	1180	1300	1080	150	650	650	730
TM1100 (44")	1460	1300	1420	1200	175	730	730	800
TM1200 (48")	1560	1450	1520	1300	175	800	800	890

Model	Valve Connection Size (inch/mm)	Filter Area (m ²)	Flow Rate (m ³ /h)	Sand weight (kg)	Pool Volume (m ³)
TM500 (20")	1.5"/48/50	0.2	10	100	65-95
TM600 (24")	1.5"/48/50	0.28	14	160	95-130
TM700 (28")	1.5"/48/50	0.38	19	220	130-165
TM800 (32")	2.0"/60/63	0.5	25	300	185-200
TM900 (36")	2.0"/60/63	0.64	30	400	200-240
TM1000 (40")	2.0"/60/63	0.78	35	650	240-265
TM1100 (44")	2.0"/60/63	0.95	44	680	265-300
TM1200 (48")	2.0"/60/63	1.13	50	700	300-360

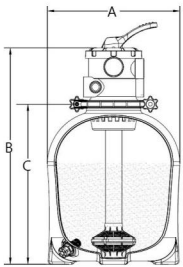
TF Series Sand Filter



Material
HDPE

Normal Working Pressure
2.5kg (250kPa/36psi/2.5bar)

Model	Valve Connection Size (inch/mm)	Filter Area (m ²)	Flow Rate (m ³ /h)	Sand weight (kg)	Pool Volume (m ³)
TF250 (10")	1.5"/48/50	0.05	5	18	1-14
TF300 (12")	1.5"/48/50	0.07	6	20	14-28
TF350 (14")	1.5"/48/50	0.1	7	35	28-40
TF400 (16")	1.5"/48/50	0.12	8	55	40-50



Model	4-way Function Valve			5-way Function Valve			6-way Function Valve		
	A (mm/inch)	B (mm)	C (mm)	A (mm/inch)	B (mm)	C (mm)	A (mm/inch)	B (mm)	C (mm)
TF250 (10")	250 (10")	365	460	250 (10")	365	500	250 (10")	365	535
TF300 (12")	300 (12")	380	470	300 (12")	380	515	300 (12")	380	550
TF350 (14")	350 (14")	440	530	350 (14")	440	575	350 (14")	440	610
TF400 (16")	400 (16")	490	580	400 (16")	490	625	400 (16")	490	660

TF-C Series Sand Filter & Pump Combo



Material
HDPE

Normal Working Pressure
2.5kg (250kPa/36psi/2.5bar)

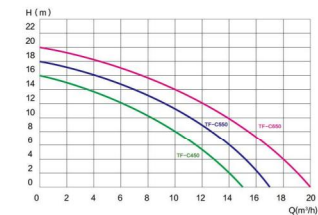


Model	Pump	Horsepower (HP)	Valve Connection Size (inch/mm)	Q-max (m ³ /h)	H-max (m)	Sand weight (kg)
TF-C250 (10")	BTS-250	1/4	1.5"/48/50	5	8	18
TF-C300 (12")	BTS-300	1/3	1.5"/48/50	6	8	20
TF-C350 (14")	STA-350	1/2	1.5"/48/50	7	9	35
TF-C400 (16")	STA-400	3/5	1.5"/48/50	8	9	55



Material
HDPE

Normal Working Pressure
2.5kg (250kPa/36psi/2.5bar)



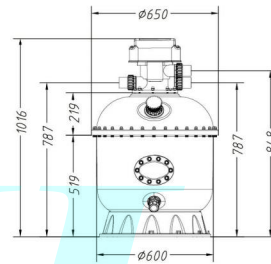
Model	Pump	Horsepower (HP)	Valve Connection Size (inch/mm)	Q-max (m ³ /h)	H-max (m)	Sand weight (kg)
TF-C450 (18")	STA-450	3/4	1.5"/48/50	15	15	80
TF-C550 (20")	STA-550	1	1.5"/48/50	17	17	140
TF-C650 (24")	STA-650	1/2	1.5"/48/50	20	19	210

HT600 Automatic Valve Filter



Material
HDPE

Normal Working Pressure
2.5kg (250kPa/36psi/2.5bar)



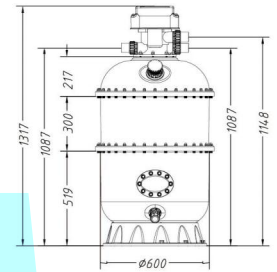
Model	Process	Filter Area (m ²)	Valve Connection Size (inch/mm)	Q-max (m ³ /h)	Sand weight (kg)	Pool Volume (m ³)
HT600	Injection Molding	0.28	1.5"/48/50	14	180	95-130

HTA13600 Automatic Valve Filter



Material
HDPE

Normal Working Pressure
2.5kg (250kPa/36psi/2.5bar)



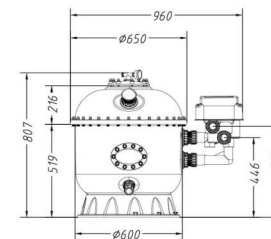
Model	Process	Filter Area (m ²)	Valve Connection Size (inch/mm)	Q-max (m ³ /h)	Sand weight (kg)	Pool Volume (m ³)
HTA13600	Injection Molding	0.28	1.5"/48/50	14	180	95-130

HTS600 Automatic Valve Filter



Material
HDPE

Normal Working Pressure
2.5kg (250kPa/36psi/2.5bar)



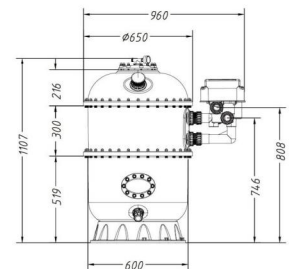
Model	Process	Filter Area (m ²)	Valve Connection Size (inch/mm)	Q-max (m ³ /h)	Sand weight (kg)	Pool Volume (m ³)
HTS600	Injection Molding	0.28	1.5"/48/50	14	330	95-130

HTB13600 Automatic Valve Filter



Material
HDPE

Normal Working Pressure
2.5kg (250kPa/36psi/2.5bar)



Model	Process	Filter Area (m ²)	Valve Connection Size (inch/mm)	Q-max (m ³ /h)	Sand weight (kg)	Pool Volume (m ³)
HTB13600	Injection Molding	0.28	1.5"/48/50	14	330	95-130

03

STAINLESS STEEL FILTER

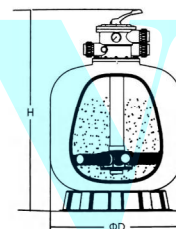


STU Series Top-mount Sand Filter



Material	Normal Working Pressure	Max Temp
SS	2.5kg (250kPa/36psi/2.5bar)	45°C (113 F)

Model	Specification (mm)	Pipe diameter (inch/mm)	Filtration area (m²)	Flow (m³/h)	Sand quantity (kg)	Pool volume (m³)
STU400	Φ400*500*1.5	1.5"/50	0.11	7	40	42-50
STU500	Φ500*600*1.5	1.5"/50	0.2	12	100	50-65
STU600	Φ600*700*2.0	1.5"/50	0.25	14	160	65-80
STU650	Φ650*750*2.0	1.5"/50	0.30	16	180	80-130
STU700	Φ700*800*2.0	1.5"/50	0.37	19	220	130-165
STU800	Φ800*900*2.0	2.0"/63	0.50	25	300	165-185
STU900	Φ900*1000*2.0	2.0"/63	0.64	30	400	185-240
STU1000	Φ1000*1100*3.0	2.0"/63	0.79	35	650	240-280
STU1200	Φ1200*1410*3.0	2.0"/63	1.13	50	700	280-360

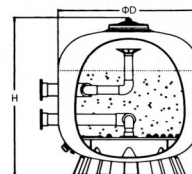


STK Series Side-mount Sand Filter



Material	Normal Working Pressure	Max Temp
SS	2.5kg (250kPa/36psi/2.5bar)	45°C (113 F)

Model	Specification (mm)	Pipe diameter (inch/mm)	Filtration area (m²)	Flow (m³/h)	Sand quantity (kg)	Pool volume (m³)
STK600	Φ600*700*2.0	1.5"/50	0.28	15	160	65-95
STK650	Φ650*750*2.0	1.5"/50	0.30	17.4	180	80-130
STK700	Φ700*800*2.0	1.5"/50	0.37	18.5	220	130-165
STK800	Φ800*1000*2.0	2.0"/63	0.50	25	300	165-200
STK900	Φ900*1100*2.0	2.0"/63	0.64	30	400	200-240
STK1000	Φ1000*1200*3.0	2.0"/63	0.78	35	650	240-285
STK1200	Φ1200*1400*3.0	2.0"/63	1.13	56	700	285-330



SCSF Series Side-mount Flange Sand Filter

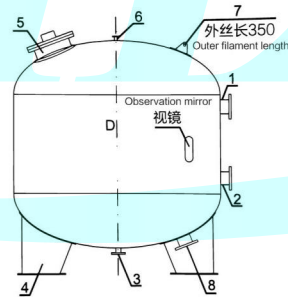


Material
AISI 304 SS

Normal Working Pressure
4.0kg

Max Temp
45°C (113°F)

No.	Name
1	Inlet Port
2	Outlet Port
3	Air Outlet
4	Support Bracket
5	Inspection Port
6	Air Vent Port
7	Lifting Lug
8	Sewage Outlet



Model	Specification (mm)	Pipe diameter (inch)	Filtration area (m²)	Flow (m³/h)	Sand quantity (kg)	Pool volume (m³)
SCSF1200	φ1200*1400*3.0	3.0	1.13	55	700/300	270-360
SCSF1400	φ1400*1600*4.0	4.0	1.54	61	1200/500	360-480
SCSF1600	φ1600*1800*4.0	4.0	2.01	80	1850/750	480-640
SCSF1800	φ1800*2000*4.0	6.0	2.54	101	2500/1050	640-800
SCSF2000	φ2000*2200*4.0	6.0	3.14	125	3300/1150	800-1000
SCSF2300	φ2300*2350*4.0	8.0	3.9	166	4900/1600	1000-1300
SCSF2500	φ2500*2650*4.0	8.0	4.91	246	6000/2200	1400-1600

SHWF Series Horizontal Sand Filter

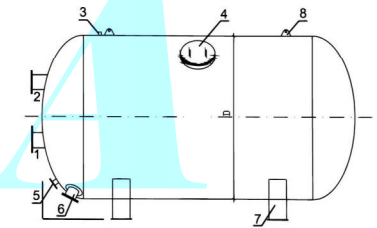


Material
AISI 304 SS

Normal Working Pressure
4.0kg

Max Temp
45°C (113°F)

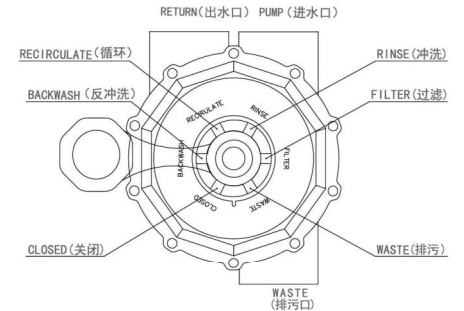
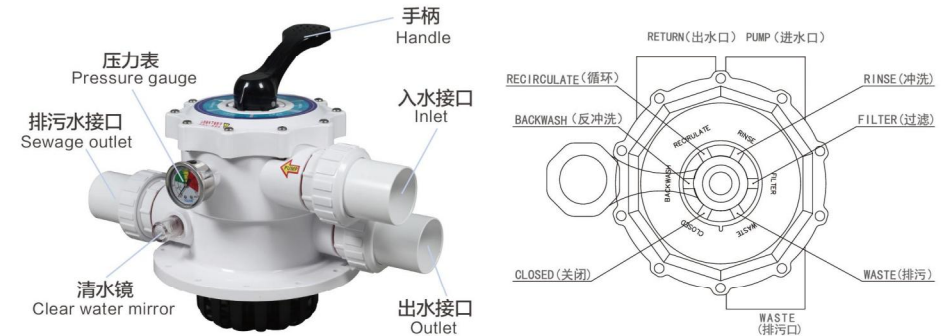
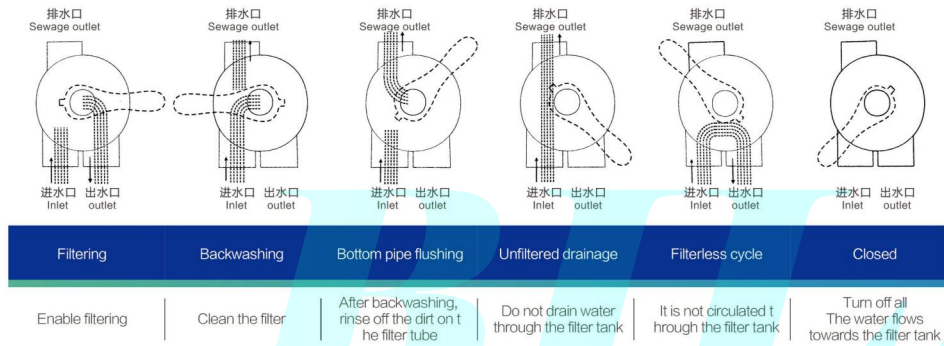
No.	Name	No.	Name
1	Outlet Port	5	Sewage Outlet
2	Inlet Port	6	sand discharge outlet
3	Air Outlet	7	Support Bracket
4	Inspection Port	8	Lifting Lug



Model	Specification (mm)	Pipe diameter (inch)	Filtration area (m²)	Flow (m³/h)
SHWF122500	φ1200*2500*4.0	4.0	2.65	79
SHWF123000	φ1200*3000*4.0	4.0	3.21	96
SHWF123500	φ1200*3500*4.0	4.0	3.77	113
SHWF142500	φ1400*2500*4.0	4.0	3.02	91
SHWF143000	φ1400*3000*4.0	4.0	3.67	110
SHWF143500	φ1400*3500*4.0	4.0	4.32	127
SHWF162500	φ1600*2500*4.0	6.0	3.36	101
SHWF163000	φ1600*3000*4.0	6.0	4.10	123
SHWF163500	φ1600*3500*4.0	6.0	5.12	150
SHWF164000	φ1600*4000*4.0	6.0	5.92	164
SHWF183000	φ1800*3000*4.0	6.0	4.58	137
SHWF183500	φ1800*3500*4.0	6.0	5.41	162
SHWF184000	φ1800*4000*4.0	6.0	6.10	183

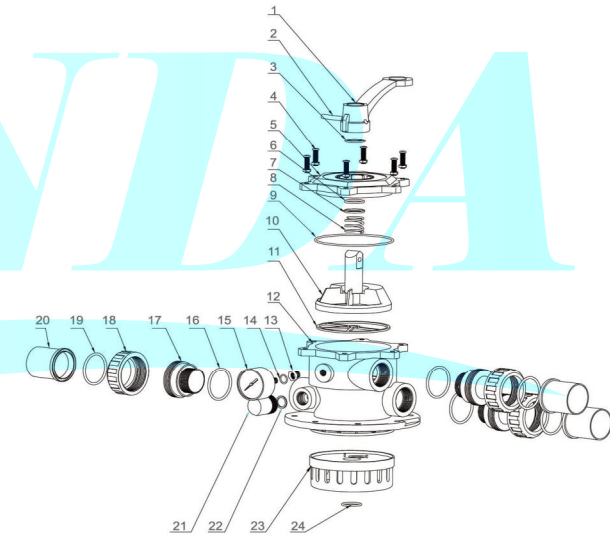
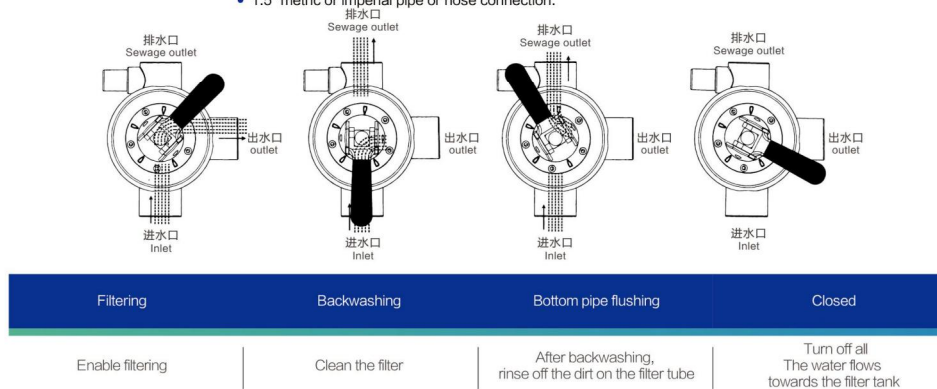
6 Functional valves

- The multi-directional valve is made of high-strength ABS material, which is of high strength and equipped with a valve handle that is flexible and easy to operate.
- By changing the connection mode and diameter of the internal channels of the valve, the water flow can be guided to follow different paths, thereby achieving different functions. By rotating or pulling the valve handle, it drives the valve core or water distributor and other components inside the valve to rotate or move, connecting the water inlet with different water outlets, or changing the direction of the water flow inside the valve, thereby controlling whether the water flows into the filtration process, undergoes backwashing, is directly discharged or circulates, etc.
- The multi-directional valve is equipped with a clear water mirror, allowing for the observation of backwashing conditions.
- Metric or imperial pipe fittings or hose connections.



4 Functional valves

- It is suitable for small sand tanks and is mainly used for filtration in medium and small swimming pools, private swimming pools, landscape water treatment, etc.
- Easy to install and convenient for pipeline positioning.
- Simple operation, 4-function multi-directional valve.
- It can achieve four functions: normal filtration, backwashing, bottom pipe flushing and filtration shutdown.
- The maximum working pressure is 2bar.
- The maximum test pressure is 3bar.
- The maximum operating temperature range is 50° C.
- The maximum flow rate is 16m³/h.
- 1.5 "metric or imperial pipe or hose connection.



Disassembly diagram of the multi-functional valve

- | | | |
|------------------------|--|--|
| 01. Handle | 09. O-ring for the top cover | 17. Live connected external wire |
| 02. Handle fixing pin | 10. Water distribution wheel | 18. Live threaded nut |
| 03. Large hard gasket | 11. Plum blossom rubber ring | 19. Live straight pipe sealing gasket |
| 04. Top cover screws | 12. Main body of the sand cylinder head | 20. Live connection straight pipe |
| 05. Top cover | 13. Pressure gauge core repair | 21. Transparent cup |
| 06. Shaft sealing ring | 14. Small rubber ring of pressure gauge | 22. Sealing gasket for transparent cups |
| 07. Small hard gasket | 15. Pressure gauge | 23. Bottom water distribution cover |
| 08. Spring | 16. Threaded O-ring with external thread | 24. Eight-claw vertical pole rubber ring |

Top-mount the 6-Functional valves (fixed with screws)

Connection method
Screw fixation

Materials
Imported ABS engineering plastic

Maximum temperature
45°C (113°F)

Factory test pressure
400kPa / 0.4KG



Model	Specification	Function
Top-mount the 1.5 cylinder head	Three sets of 1.5 "connectors and pressure gauges	Filter, backwash, drain, rinse, recycle, close
Top-mount the 2.0 cylinder head	Three sets of 2.0 "connectors and pressure gauges	Filter, backwash, drain, rinse, recycle, close

Top-mount the 6-Functional valves (fixed by the clamping ring)

Connection method
Clamping ring fixation

Materials
Imported ABS engineering plastic

Maximum temperature
45°C (113°F)

Factory test pressure
400kPa / 0.4KG



Model	Specification	Function
Top-mount the 1.5 cylinder head	Three sets of 1.5 "connectors and pressure gauges	Filter, backwash, drain, rinse, recycle, close

Side-mount 6-Functional valves (pipe joint)

Connection method
Pipe joint

Materials
Imported ABS engineering plastic

Maximum temperature
45°C (113°F)

Factory test pressure
400kPa / 0.4KG



Model	Specification	Function
Side-mount the 1.5 cylinder head	Three sets of 1.5 "connectors and pressure gauges	Filter, backwash, drain, rinse, recycle, close
Side-mount the 2.0 cylinder head	Three sets of 2.0 "connectors and pressure gauges	Filter, backwash, drain, rinse, recycle, close

Top-mount the 4-Functional valves (fixed by the clamping ring)

Connection method
Clamping ring fixation

Materials
Imported ABS engineering plastic

Maximum temperature
45°C (113°F)

Factory test pressure
400kPa / 0.4KG



Model	Specification	Function
Top-mount the 1.5 cylinder head	Three sets of 1.5 "connectors and pressure gauges	Filter, backwash, drain, rinse, recycle, close

Multi functional valve accessories



Handle

Handle latch

1.5" cylinder head cover

2.0" cylinder head cover

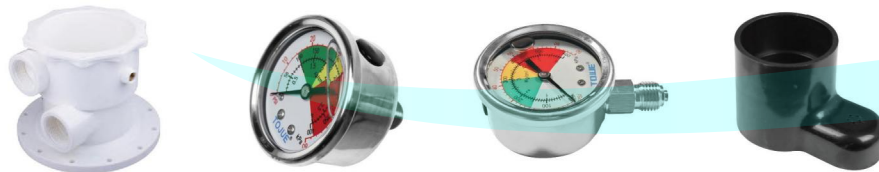


Water divider

Water distributor sealing ring

Spring of the water distributor shaft

Water distributor shaft gasket



Cylinder head main body

Horizontal oil pressure gauge for top sand cylinder filter

Horizontal oil pressure gauge for side sand cylinder filter

Top out 2-inch cylinder head water separating layer



Top out the 1.5-inch cylinder headwater separating layer

Top out cylinder head water distribution basket

Observation mirror

Drainage screw

Union (Common in metric and imperial systems)

Sand cylinder accessories



1.5" octopus lid

2.0" octopus lid

1.5" octopus

2.0" octopus

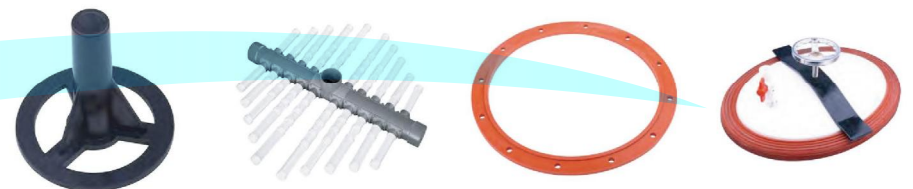


Bottom sand discharge port

1.5" octopus filter tube

2.0" octopus filter tube

Octopus filter tube



Central tube positioning column

Large sand tank water distributor

Top ring sealing ring (silicone)

Top cover of large sand cylinder



Large sand cylinder water distributor

Observation mirror

Large sand cylinder pressure gauge

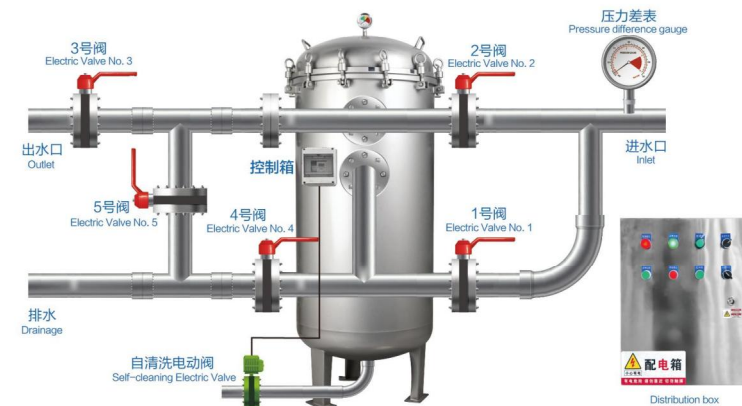
Large sand cylinder side inspection opening

04

PRECISION FILTER



Automatic Sediment Filter



Electric Valve Function

Function	Electric Valve No. 1	Electric Valve No. 2	Electric Valve No. 3	Electric Valve No. 4	Electric Valve No. 5
Filtering	ON	OFF	ON	OFF	OFF
Backwashing	OFF	ON	OFF	ON	OFF
Bottom pipe flushing	ON	OFF	OFF	OFF	ON

Custom pressure parameter setting inside distribution box

Function	Timing
Filtering	24 hours
Backwashing	5 minutes
Bottom pipe flushing (start when the pressure difference reaches 0.5 kilograms)	1 minute

Model	Diameter (mm)	Height (mm)	Thickness (mm)	Inlet and outlet pipe diameters (DN)	Pressure (MPa)	Flow (m³/h)
No. 2, 1 bag	220	1250	1.5	DN50 inner wire	0.6	5-20
No. 2, 2 bags	400	1400	2.0	DN65 flange	0.6	10-60
No. 2, 3 bags	450	1420	2.0	DN80 flange	0.6	15-90
No. 2, 4 bags	500	1430	2.0	DN100 flange	0.6	20-120
No. 2, 5 bags	550	1900	2.0	DN125 flange	0.6	25-150
No. 2, 6 bags	600	1900	3.0	DN125 flange	0.6	30-180
No. 2, 7 bags	700	1900	3.0	DN150 flange	0.6	35-240
No. 2, 8 bags	700	1900	4.0	DN200 flange	0.6	40-270
No. 2, 10 bags	800	1900	4.0	DN250 flange	0.6	50-300
No. 2, 14 bags	1000	1900	4.0	DN250 flange	0.6	70-340

Perlite regenerative filter

Product Features

- **High filtration accuracy** It can retain suspended substances as low as 1 micron, keeping turbidity below 0.1NTU. It can filter out bacteria, viruses, Cryptosporidium and other parasites, providing drinking water purity.
- **Energy conservation and environmental protection** Through system Settings, the activation and regeneration operation is automatically completed. Compared with traditional sand cylinder filters, it can save 90% of water and electricity, and also reduce the usage of water treatment chemicals by 30%.
- **Small floor space** Large filtration area, about four times that of traditional sand cylinders. Under the same filtration flow rate, the floor space is only one fifth of that of traditional sand cylinder filters, which can save the floor space of the machine room.
- **High degree of automation** Equipped with an advanced fully automatic control system, it supports Internet + remote monitoring, allowing you to check the real-time operation status of the equipment at any time.



Model	Pool size (m³)	Filtration area (m²)	Flow (m³/h)	Inlet and outlet pipe diameter (mm)	Sewage pipe diameter (mm)	Diameter/Height (mm)
JH-377JM-D	30-40	3.8	18.6	DN50	DN40	415/1100
JH-500JM-D	50-60	7.5	36.8	DN65	DN40	590/1250
JH-600JM-D	75-95	10.9	53.4	DN80	DN50	690/1280
JH-700JM-D	100-150	15.4	75.5	DN80	DN50	790/1350
JH-800JM-D	180-220	21.25	104.1	DN100	DN65	890/1400
JH-900JM-D	250-300	26.9	131.8	DN100	DN80	990/1450
JH-1000JM-D	350-420	34	166.6	DN125	DN80	1090/1500
JH-1200JM-D	450-500	51.8	253.8	DN150	DN100	1290/1550
JH-1400JM-D	550-600	69.7	341.5	DN150	DN100	1490/1280

Model	Pool size (m³)	Filtration area (m²)	Flow (m³/h)	Inlet and outlet pipe diameter (mm)	Sewage pipe diameter (mm)	Diameter/Height (mm)
JH-500JM-L	80-120	15.1	74	DN80	DN50	590/1950
JH-600JM-L	150-200	21.8	106.8	DN100	DN50	690/2100
JH-700JM-L	250-350	23.7	151.9	DN125	DN65	790/2150
JH-800JM-L	400-480	42.1	206.3	DN150	DN65	890/2200
JH-900JM-L	550-650	53.8	263.6	DN150	DN80	990/2300
JH-1000JM-L	700-850	68	333.2	DN200	DN80	1090/2400
JH-1200JM-L	900-1150	102.4	501.8	DN200	DN100	1290/2550
JH-1400JM-L	1200-1400	139.4	683.1	DN250	DN100	1490/2700

※ Filters of various specifications can be customized according to site conditions

Fiber ball precision filter

Product Features

The backwashing effect of traditional fiber ball filters is enhanced by the rotation of the agitator during backwashing. This product adopts multi-hole side water inlet backwashing during backwashing. The rotating water flow in the container drives the fiber balls to fully rotate and collide with each other, achieving a thorough backwashing effect. This reduces the wear of the fiber balls, completely solves the problem of fiber ball loss, and also reduces the problem of affecting usage due to the maintenance of the stirring motor during long-term use. The drain port of the filter is preset separately, which also solves the problem that the backwash residues in the pipeline return to the filter when switching from backwashing to normal filtration.

Application field

- Precision filtration of swimming pool circulating water and hot spring bathing water; Precise filtration of sediment and face sand in well water; Advanced treatment of domestic water Boiler feed water treatment Domestic sewage treatment.
- Pre-filtration of pure water; Desalination and filtration of seawater and brackish water; Urban sewage treatment filtration Rainwater recycling and filtration.
- Filtration for Marine aquaculture, freshwater aquaculture and other aquaculture water. The material of the seawater filter is 316 stainless steel.
- It is applicable to various industrial circulating water such as tap water, domestic water, as well as the recycling, utilization and filtration treatment of wastewater.



Model	Diameter (mm)	Height (mm)	Product weight (KG)	Filter material weight (KG)	Caliber (mm)	Flow (m³/h)
φ 800	800	2000	160	40	DN80	60
φ 1000	1000	2120	240	60	DN100	90
φ 1200	1200	2320	310	80	DN150	130
φ 1400	1400	2480	390	110	DN200	180



Characteristics of fiber ball filter media

- The modified fiber balls of the filter material have a larger specific surface area and finer filament diameter. The specific surface area is as high as 2000 m²/g, so the pores of the filter layer after the superposition of the spheres are very small, and the porosity of the filter layer after superposition is above 80%. Due to its fine filament diameter (up to 20-50 microns). After being superimposed by water pressure, the pores of its filter layer are small and the porosity is large (equivalent to 3 to 4 times that of sand filtration), thus forming the characteristics of high filtration accuracy and large filtration flow rate of this type of filter material.
- Compared with ordinary fiber balls, modified fiber balls, after modification treatment, have hydrophilic and oleophobic properties. When they come into contact with water, water molecules can penetrate the surface of the fiber balls, forming a water film that separates the fiber balls from the oil. Therefore, backwashing is relatively easy, the water consumption during backwashing is low, the backwashing effect is good, and it is relatively clean.
- Modified fiber balls also feature wear resistance, high-temperature resistance (up to 100° C), and strong chemical stability. This greatly extends the service life of the filter material. Generally, the filter material does not need to be replaced for 10 years.
- Modified fiber balls feature high filtration accuracy, large flow rate, long service life and easy backwashing. They are the preferred product for high-precision water filtration.

PVC Bag Filter



Product Features

- **Strong corrosion resistance** PVC material has good resistance to various chemical substances such as acids, alkalis and salts, and can be used to filter various corrosive fluids in chemical production.
- **High filtration accuracy** It can be matched with filter bags of different precisions. The filtration accuracy range is usually 0.5–200 microns, which can effectively remove suspended solids, particles, colloids and other impurities in chemical fluids.
- **Strong processing capacity** Reasonable structural design, large processing flow per unit filtration area. According to the needs of chemical production, filters of different specifications and quantities can be selected for combination to meet the filtration requirements of large-scale chemical fluids.
- **Easy maintenance** The operation of replacing filter bags is simple and quick. Generally, it only requires closing the relevant valves, opening the top cover of the filter, removing the clogged filter bags, and replacing them with new ones. This can reduce equipment maintenance time and labor costs.

Application field

- **Chemical raw material filtration** In chemical production, it is used to filter various chemical raw material liquids, remove particulate impurities, sediment, etc. in them, ensure the purity of the raw materials, and avoid impurities affecting the efficiency of chemical reactions and product quality.
- **Catalyst recovery** After a chemical reaction, it can be used to separate the catalyst and the product, achieving the recycling and reuse of the catalyst, reducing production costs, and at the same time avoiding the impact of the catalyst on subsequent processes.
- **Solvent filtration** It can remove solid impurities in the solvent, improve the cleanliness of the solvent, prevent impurities from causing damage to production equipment, and is conducive to increasing the recovery rate of the solvent.
- **Wastewater treatment** The wastewater produced in the chemical production process contains impurities such as suspended solids, oils, and chemical agents. The PVC chemical bag filter can conduct preliminary filtration on the wastewater, reducing the load on subsequent treatment processes and facilitating the discharge of wastewater up to standard.

Model	Diameter (mm)	Height (mm)	Thickness (mm)	Inlet and outlet water ports (mm)	Pressure (MPa)	Flow (m³/h)
No. 2, 1 bag	220	1250	1.5	63 Female Thread	0.6	15-20

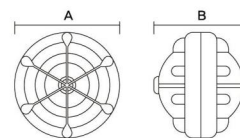


05

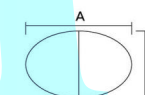
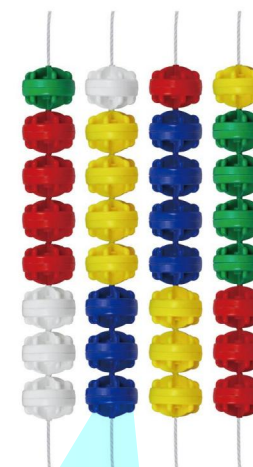
SWIMMING POOL ACCESSORY PRODUCTS



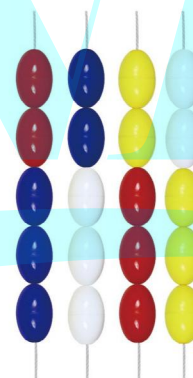
Swimming lane line



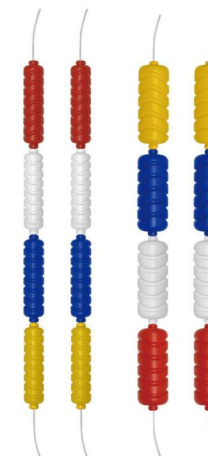
Hexagonal lane line	A	B
120#	120	100
120#	120	125
150#	150	100
150#	150	125



Rugby lane lines	A	B
	125	80

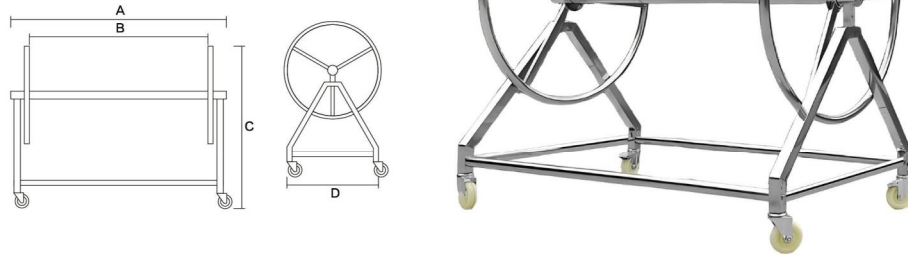


Spiral Lane Line	A	B
60#	60	255
90#	90	255



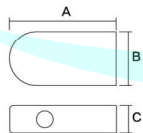
All units above are mm

Swimming lane line retracting vehicle



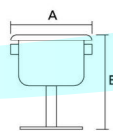
Product name	A	B	C	D
25-meter wire winding vehicle	2620	2450	1320	1050
50-meter wire winding vehicle	3120	2950	1320	1050

Lane line tensioner



Material	A	B	C
Stainless Steel	140	80	45

Swimming lane line base



Material	A	B
Stainless Steel	90	105



Wire clamp



Lane line hook



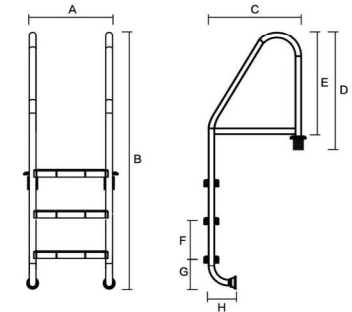
Expansion bolts for lifting rings



Swimming lane line expansion screw fixing plate

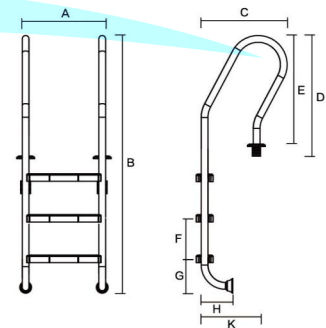
All units above are mm

SL/SLL Pool Ladder



Model	A	B	C	D	E	F	G	H
SL/SLL215	500	1320	700	788	708	300	200	190
SL/SLL315	500	1570	700	788	708	300	200	190
SL/SLL415	500	1820	700	788	708	300	200	190
SL/SLL515	500	2070	700	788	708	300	200	190

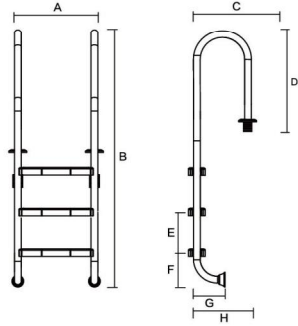
SF/SFF Pool Ladder



Model	A	B	C	D	E	F	G	H	K
SF/SFF215	500	1320	533	709	629	280	200	190	365
SF/SFF315	500	1570	533	709	629	280	200	190	365
SF/SFF415	500	1820	533	709	629	280	200	190	365
SF/SFF515	500	2070	533	709	629	280	200	190	365

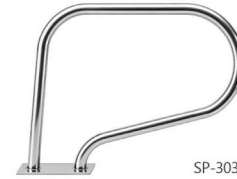
All units above are mm

MU Pool Ladder



MU型	A	B	C	D	E	F	G	H
MU215	550	1300	533	700	250	220	190	360
MU315	550	1550	533	700	250	220	190	360
MU415	550	1800	533	700	250	220	190	360
MU515	550	2050	533	700	250	220	190	360

SP Handrail



SP-3036



SP-3037



SP-3038



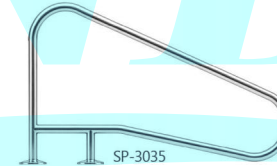
SP-3028



SP-3033



SP-3034

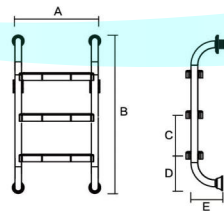


SP-3035



SP-3002

C Pool Ladder



C型	A	B	C	D	E
C-215	550	700	250	220	180
C-315	550	950	250	220	180
C-415	550	1200	250	220	180
C-515	550	1450	250	220	180

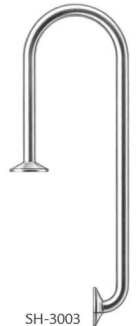
SH Handrail



SH-3001



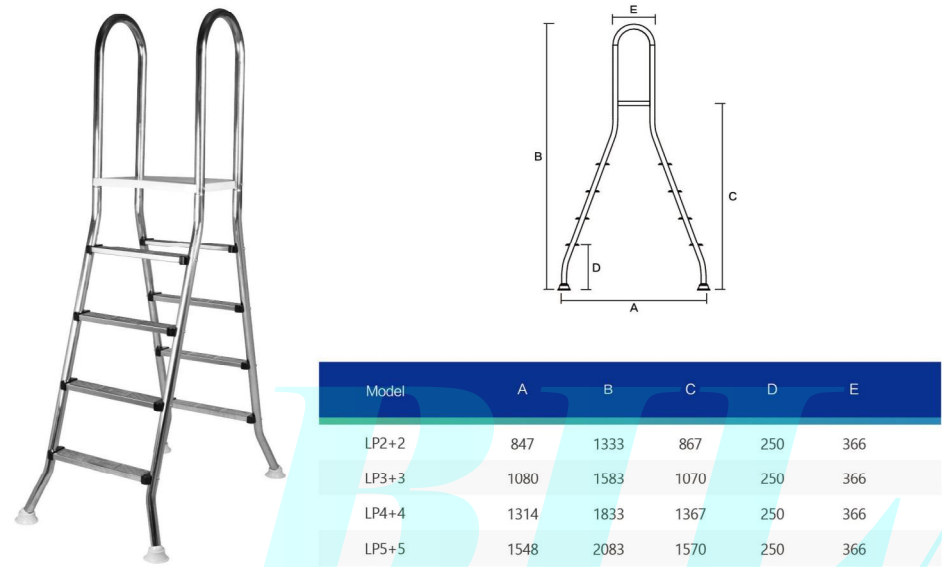
SH-3002



SH-3003

All units above are mm

LP Double-sided Pool Ladder



All units above are mm

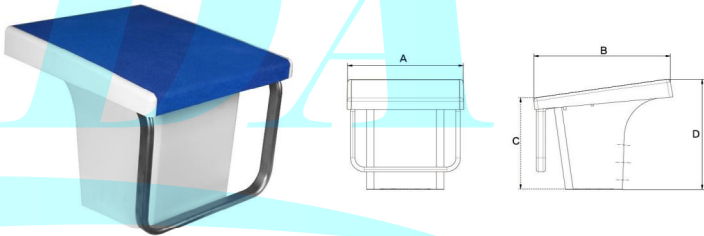
Starting Block

BL-CFT01



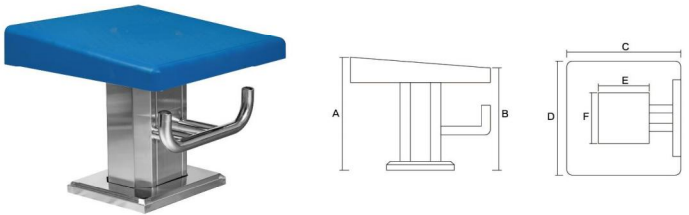
Material	A	B	C	D
Stainless Steel & New Epoxy Resin	560	730	668	335

BL-IS01



Material	A	B	C	D
Stainless Steel & New Epoxy Resin	508	600	400	482

BL-IS02



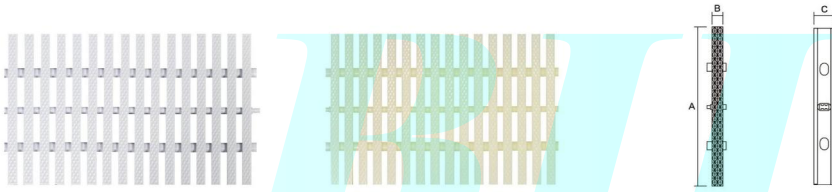
Material	A	B	C	D	E	F
Stainless Steel & New Epoxy Resin	450	380	500	500	230	230

All units above are mm

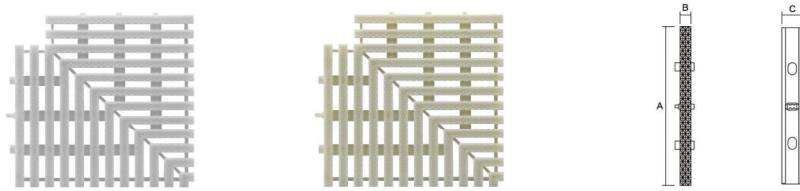
Pool Grating



Two-interface grille (white/beige)	A	B	C
180	180	13	25
250	250	13	25
300	300	13	25

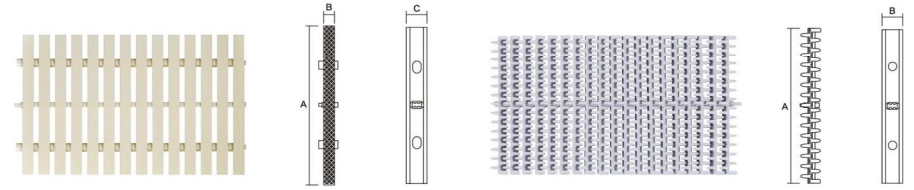


Three-interface grille (white/beige)	A	B	C
180	180	15	25/35
250	250	15	25/35
300	300	15	25/35
350	350	15	25/35



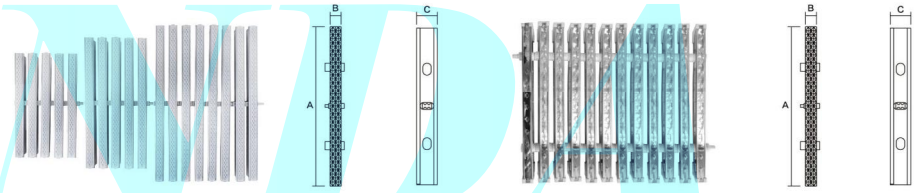
Three-interface grille corner (white/beige)	A	B	C
180	180	15	25
250	250	15	25
300	300	15	25
350	350	15	25

All units above are mm



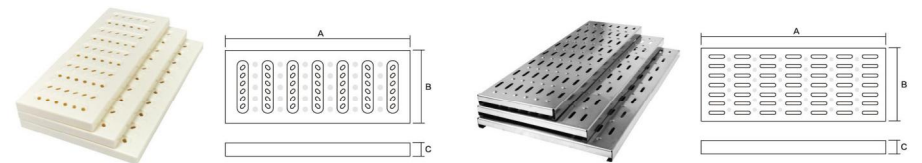
Widening grille (white/beige)	A	B	C
180	180	25	25
250	250	25	25
300	300	25	25

Serrated grille	A	B
180	180	30
250	250	30
300	300	30



Aluminum alloy assembly type	A	B	C
铝合金+PP	180	15	25
铝合金+PP	250	15	25
铝合金+PP	300	15	25

New stainless steel assembly type	A	B	C
304+ABS	180	15	25
304+ABS	250	15	25
304+ABS	300	15	25



ABS slatted grille	A	B	C
200	500	200	25
250	500	250	25
300	500	300	25

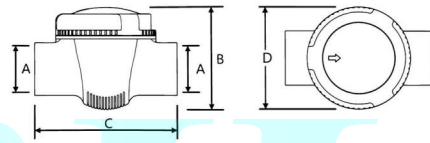
Stainless steel grating	A	B	C
180	580	180	25
200	580	200	25
250	580	250	25
300	580	300	25

All units above are mm

Check valve



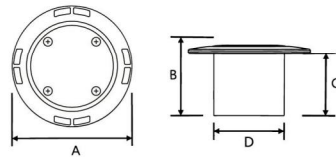
- The transparent upper cover design makes it convenient to observe the flow direction of the liquid.
- The sealing baffle and stainless steel spring have undergone tens of thousands of tests, featuring superior performance and reliable quality.
- The product is made of high-quality anti-corrosion engineering plastics and other materials, resistant to high temperatures and corrosion, and can adapt to temperatures ranging from 5°C to 50°C, as well as acidic or alkaline fluids.
- Both metric and imperial models are available, offering more choices and easier installation.



Model	A	B	C	D
1.5"	60	115	210	125
2.0"	73	130	220	135

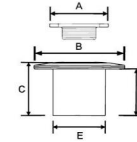
Built-in overflow outlet (Reduce sediment at the bottom of the pool)

- Water flows out from all sides and directly flushes the bottom of the pool.
- Reduce stagnant water areas, lower energy consumption and save chemicals.
- There is a regulating pressure plate inside, making the water flow distribution more uniform.
- Internal insertion bonding is convenient for construction.

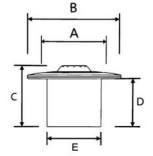
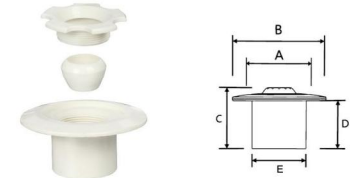


Model	A	B	C	D
1.5"	110	55	45	45
2.0"	110	55	45	57

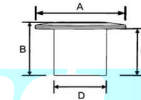
All units above are mm



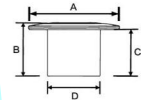
Insert-type Suction Drain	A	B	C	D
1.5"	67	110	55	45
2.0"	67	110	55	45



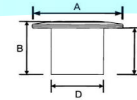
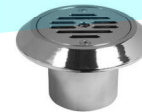
Insert-type Nozzle	A	B	C	D	E
1.5"	67	110	55	45	45
2.0"	67	110	55	45	57



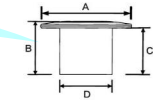
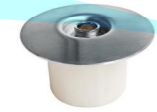
Insert-type Water Inlet	A	B	C	D
1.5"	105	60	47	45
2.0"	125	60	47	57
3.0"	140	60	47	80
4.0"	165	60	47	100



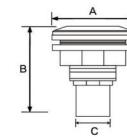
Stainless Steel Insert-type Water Inlet	A	B	C	D
1.5"	105	60	47	45
2.0"	125	60	47	57
3.0"	140	60	47	80
4.0"	165	60	47	100



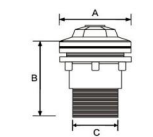
ABS Chrome Plated Water Inlet	A	B	C	D
1.5"	150	60	47	45
2.0"	150	60	47	57



Stainless Steel Insert-type Jet Nozzle	A	B	C	D
1.5"	150	60	47	45
2.0"	150	60	47	57

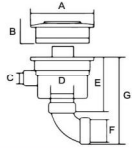


Vinyl Liner Pool Return Fitting	A	B	C
	120	79	50



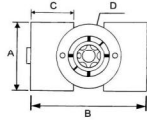
Vinyl Liner Pool Nozzle	A	B	C
	90	114	50

All units above are mm



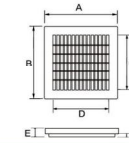
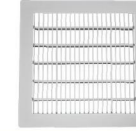
Power Jet Nozzle

A	B	C	D	E	F	G
142	118	22	48	120	48	195



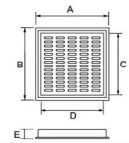
Massage Jet Nozzle

A	B	C	D
95	158	50	86



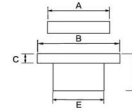
Square Main Drain

Square Main Drain	A	B
200*200	200	200
300*300	300	300



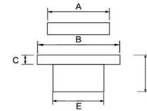
Stainless Steel Square Main Drain

A	B	C	D	E
220	220	200	200	25
320	320	300	300	25



Brass Floor Drain

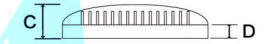
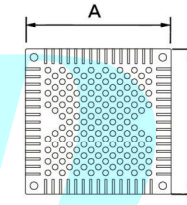
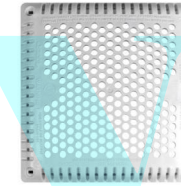
A	B	C	D	E
43	63	35	25	45
62	75	40	20	57
62	75	40	20	68
68	90	40	30	82
86	110	45	35	102
91	125	42	35	150



Stainless Steel Floor Drain

A	B	C	D	E
38	70	6	35	45
48	74	7	40	57
59	90	7	39	68
71	110	7	45	82
91	125	8	45	102
138	166	8	45	150

Anti-Vortex Square Main Drain



Material

A

B

C

D

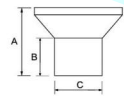
ABS

225

225

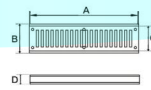
65

30



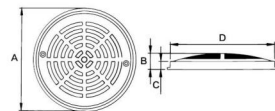
Overflow Outlet

A	B	C	D	E
93	55	70	113	75



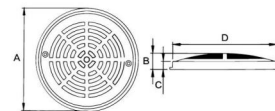
Rectangular Overflow Outlet

A	B	C	D
300	100	83	23



Circular Main Drain

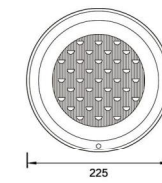
A	B	C	D
200	25	15	185



Stainless Steel Round Main Drain

A	B	C	D
200	25	15	185

Wall-mounted Underwater Light



Model

Type

Power (W)

Voltage (V)

Thickness (mm)

Diameter (mm)

LED Quantity

Cable Length (m)

Useful Life (h)

Light Color

PA-LED252HB	Wall-mounted	6	12	50	230	6	1.5	10000-20000	White Light
PA-LED252HC	Wall-mounted	9	12	50	230	9	1.5	50000-100000	RGB Color Changing
PA-LED546IIB	Wall-mounted	12	12	50	230	12	1.5	10000-20000	White Light
PA-LED546HC	Wall-mounted	15	12	50	230	15	1.5	50000-100000	RGB Color Changing

All units above are mm

All units above are mm

06

CLEANING/LIFE-SAVING EQUIPMENT



Pool Cleaning Tools



All-plastic
Shallow Leaf Net



All-plastic
Deep Leaf Net



Two-color
Pool Vacuum Hose



Pool Water
Test Kit



Rubber Brush



Aluminum Back Brush



Wire Brush



Telescopic Pole



Stainless Steel
Pool Cleaning Trolley



Stainless Steel
Vacuum Head



Flexible Base
Vacuum Head

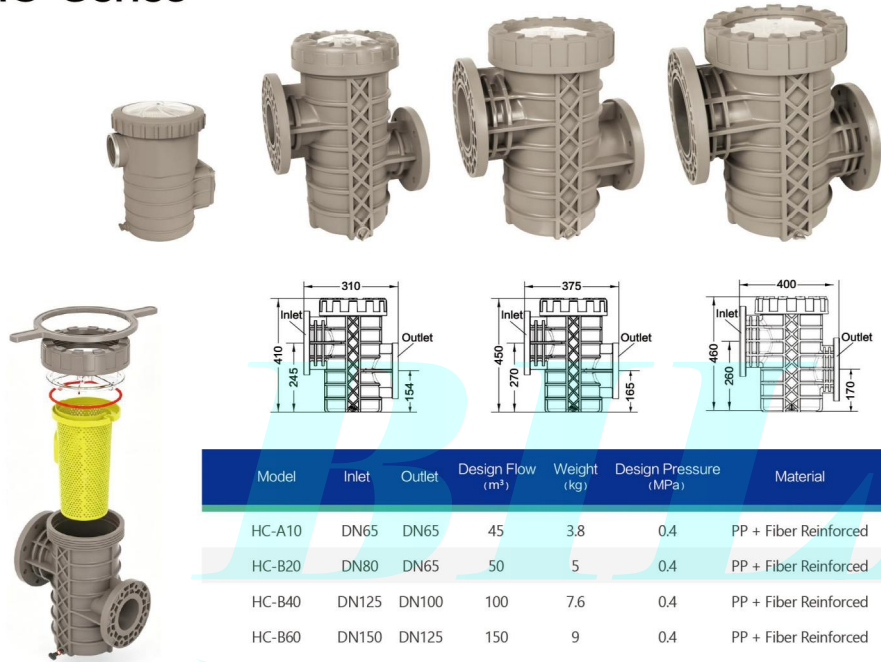


Aluminum
Vacuum Head

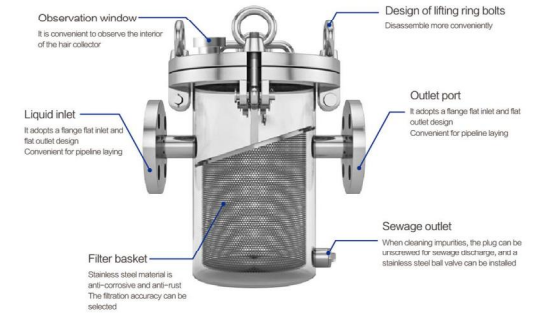
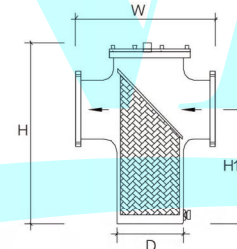
Pool Cleaning Kit



Hair Catcher HC Series



Stainless Steel Quick-Opening Hair Catcher



Model	H (mm)	H1 (mm)	W (MPa)	D (mm)
DN40	370	160	300	160
DN50	370	160	300	160
DN65	450	240	376	220
DN80	450	240	376	220
DN100	510	265	414	220
DN125	535	285	495	275
DN150	580	330	535	310
DN200	630	350	620	330
DN250	630	400	700	430
DN300	800	550	720	480
DN350	850	570	800	530

Model	Inlet (mm/inch)	Outlet (mm/inch)	Filtration Accuracy (mm)	Working Pressure (MPa)	AISI
DN40	40/1.5"	40/1.5"	3	0.25/0.4/0.5	304/316
DN50	50/2.0"	50/2.0"	3	0.25/0.4/0.5	304/316
DN65	65/2.5"	65/2.5"	3	0.25/0.4/0.5	304/316
DN80	80/3.0"	80/3.0"	3	0.25/0.4/0.5	304/316
DN100	100/4.0"	100/4.0"	3	0.25/0.4/0.5	304/316
DN125	125/5.0"	125/5.0"	3	0.25/0.4/0.5	304/316
DN150	150/6.0"	150/6.0"	3	0.25/0.4/0.5	304/316
DN200	200/8.0"	200/8.0"	3	0.25/0.4/0.5	304/316
DN250	250/10"	250/10"	3	0.25/0.4/0.5	304/316
DN300	300/12"	300/12"	3	0.25/0.4/0.5	304/316
DN350	350/14"	350/14"	3	0.25/0.4/0.5	304/316

Life Saving Equipment



Life Jacket



Life Buoy

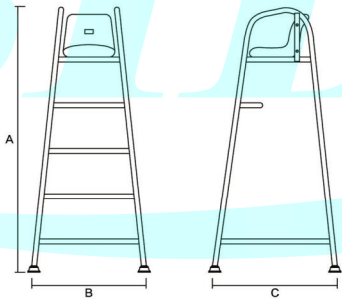


Rescue Stretcher



Rescue Hook

Lifeguard Chair



Model	A	B	C
2-Step	1200	700	760
3-Step	1500	750	830
4-Step	1900	800	930



07

DISINFECTION EQUIPMENT



Automatic Chemical Feeder



Model	Dosing Capacity (lb)
CL-100	4.2
CL-200	9.0
CL-220	9.0
CL-500	50
CL-800	80
CL-1000	100

Blue & White Dosing Pump



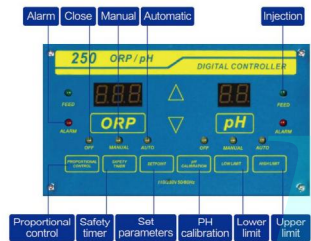
Model	Max Pressure (Bar)	Flow Rate (L/h)	Voltage (V)
C-660P	4.0	13	220
C-6125P	2.1	30	220

SEKO Dosing Pump



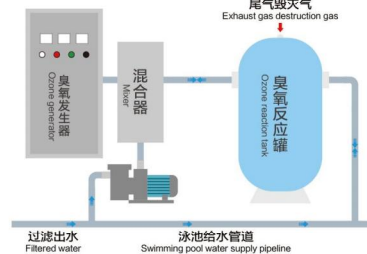
Model	Max Pressure (Bar)	Flow Rate (L/h)	Voltage (V)
600	10.0	9	220
703	10.0	18	220
803	10.0	100	220

Water Quality Tester



ORP Control	Adjustable: 200-995 mV
pH Control	Adjustment Range: 4.0-10.0
ORP Sensor	Platinum Electrode with 10 ft (3 m) Cable
pH Sensor	Glass Electrode with 10 ft (3 m) Cable
Reading Unit	3-digit LED for ORP, 2-digit LED for pH
Dosing Mode	Manual / Automatic / Proportional Operation
Adjustment	Setpoint / Calibration / Limit / Dosing Speed
Parameters	Dosing Mode / Dosing Status / Alarm LED
Safety	Audible / Visual / Remote Alarm / Overflow Limit / Overdose Safety Timer
Mechanical	Polystyrene, 9 x 7 x 4 in (22 x 18 x 10 cm)
Electrical	110 VAC / 230 VAC / 24 VAC (Specify)

Ozone Generator



Model	Power / Voltage	Ozone Output	Applicable Pool Area
CY-5	500W / 220V	5g / h	30-50m ³
CY-10	650W / 220V	10g / h	50-80m ³
CY-20	1250W / 220V	20g / h	80-150m ³
CY-30	1600W / 220V	30g / h	150-300m ³
CY-50	3000W / 220V	50g / h	300-500m ³
CY-80	3500W / 220V	80g / h	500-800m ³
CY-100	4000W / 220V	100g / h	800-1000m ³
CY-160	7000W / 220V	160g / h	1000-1200m ³
CY-200	8000W / 220V	200g / h	1500-1800m ³
CY-240	8000W / 220V	240g / h	1800-2200m ³

Atmospheric Pressure UV Sterilizer



Model	Treatment Flow (T/h)	Power (W)	Tank Dimensions	Port Size
120-2	22-25	240	φ 108*1200	DN50/DN65
120-3	32-35	360	φ 133*1200	DN65/DN80/DN100
120-4	45-50	480	φ 133*1200	DN65/DN80/DN100
120-5	55-60	600	φ 159*1200	DN80/DN100/DN125/DN150
120-6	60-75	720	φ 159*1200	DN80/DN100/DN125/DN150
120-7	80-85	840	φ 219*1200	DN80/DN100/DN125/DN150
120-8	90-95	960	φ 219*1200	DN100/DN125/DN150/DN200

Medium Pressure UV Sterilizer



Model	Treatment Flow (T/h)	Power (W)	Port Size	Configuration
1kW	30	1kW	DN100	Standard Version / Equipped with Siemens PLC / Self-cleaning / On-line Monitoring
3kW	100	3kW	DN150	Standard Version / Equipped with Siemens PLC / Self-cleaning / On-line Monitoring
6kW	200	6kW	DN200	Standard Version / Equipped with Siemens PLC / Self-cleaning / On-line Monitoring
9kW	300	9kW	DN250	Standard Version / Equipped with Siemens PLC / Self-cleaning / On-line Monitoring
12kW	400	12kW	DN300	Standard Version / Equipped with Siemens PLC / Self-cleaning / On-line Monitoring

MESLA Copper-Silver Ion Water Purification System



100% Chemical free water purification system

It saves medicine, water and more peace of mind

- One of the internationally recognized advanced pure physical sterilization and disinfection technologies without chemical components.
- It can quickly kill bacteria, disinfect, remove algae and flocculate.
- The entire series of touch screens are easy and precise to control, eliminating the need for dedicated management.
- Non-corrosive, non-irritating, non-volatile, non-toxic and odorless.
- Long-term stay, lasting protection, safe and energy-saving, economical and practical, healthy and environmentally friendly.
- It can be used for a long time without water change, and the filter material does not need to be replaced for 10 years. The upgraded version is suitable for membrane tanks.
- The communication protocol RS485 Modbus RTU has been signed, and it can be remotely controlled through PLC and mobile phone.
- It is widely applied in: parent-child swimming pools, private swimming pools, school swimming pools, fitness and spa clubs, saunas, hot spring pools, central air conditioning water circulation systems, etc.



E270*2-E270*10



Silver ion sterilizer



Copper and silver ion test kit



ME-20

Silicon phosphorus crystal tank



- **Compact structure** Small external dimensions, convenient for on-site layout and installation. The consumption of silicon phosphorus crystal can be directly observed through the sight glass on the tank body.
- **Smooth water flow** The structure of the inlet and outlet is an upper and lower split type. The material and structure of the mesh plate can maximize the water flow area and ensure reliable operation.
- **Easy installation** The equipment can be installed while the system is running, without affecting the normal operation of the equipment.
- **Pressure-bearing anti-corrosion** The tank body adopts double-sided welding process and overall anti-corrosion treatment, capable of withstanding a pressure of 2 to 6 kilograms.

Model	Diameter (mm)	Height (mm)	Caliber (mm)	Water volume (m³/h)	Stainless steel grade and grade
20KG	220	730	DN40	10-20	304
40KG	300	600	DN50	20-40	304
60KG	300	850	DN50	30-60	304
80KG	350	1000	DN65	60-80	304

Model	Pool area	Controller	Configuration
M-20 Economical all-in-one machine	3	Touchscreen control	One touch screen copper and silver ion unit, one copper test kit, one sand cylinder, and one 1HP circulating pump
M-40 Economical all-in-one machine	3	Touchscreen control	One touch screen copper and silver ion unit, one set of copper test kit, one sand cylinder, and one 1.5HP circulating pump
M-20	3	Touchscreen control	
M-40	3	Touchscreen control	
M-60	3	Touchscreen control	
E-90	3	Touchscreen control	
E-150	3	Touchscreen control	
E-210	3	Touchscreen control	
E-270	3	Touchscreen control	
E-270*2	3	Touchscreen control	
E-270*3	3	Touchscreen control	
E-270*4	3	Touchscreen control	
E-270*5	3	Touchscreen control	
E-270*6	3	Touchscreen control	
E-270*7	3	Touchscreen control	
E-270*8	3	Touchscreen control	
E-270*9	3	Touchscreen control	
E-270*10	3	Touchscreen control	

08

SPA PRODUCTS



Spa Products 304&316



Duckbill Waterfall Outlet

Curved Hook Water Curtain



Duckbill
Massage Jet

Multi-Jet
Massage Jet

Universal Phoenix Tail
Massage Jet

Universal Aerated
Massage Jet

Universal Water Hammer
Massage Jet



Plate Vichy Shower

Pipe Vichy Shower

Floating Bath Bracket

Foot Massage Jet



Bubbling Jet Plate

Round Jet Plate

Square Jet Plate

Floating Bath Jet Plate

Sauna Accessories



Safety Glass Lamp Shade

Model	Specifications(Dia. /H.) (mm)
S	ø 177/95
M	ø 217/100
L	ø 235/120



Model	Specifications(L. / W. / H.) (mm)
S	210/105/95
M	245/130/110
L	280/160/120

New Type Explosion-proof Lamp Shade



Thermo-Hygrometer

Temp. Range (°C)	Hum. Range (%)	Dia. (mm)
0-120	0-100	100

Hourglass



Time Range	Material
15min	Wooden

Sauna Bucket & Ladle



Material
Wooden



SPA Sensor Switch	Dia. (mm)	H. (mm)
Clear	80	50
Blue Crystal	130	100



SPA Time Delay Control Switch
adjustable time
easy operation

Works with temperature control system



Digital Temperature Controller

Model	Suitable for
SNA9	≤ 9kw
SNJ15	≤ 15kw
SNJ18	≤ 18kw



Knob Temperature Controller

Model	Suitable for
SN22	≤ 9kw
SN32	≤ 15kw



Model	A (mm)	B (mm)	C (mm)	D (mm)	Material
Single-Sided Digital Temperature Display	25	25	130	280	Stainless Steel
Dual-Sided Digital Temperature Display	37	110	150	280	Stainless Steel

Sauna Door



Frame Material	Dimensions (mm)	Glass Thickness (mm)
Aluminum Alloy Frame	1850*680	6/8
Aluminum Alloy Frame	1850*780	6/8
Aluminum Alloy Frame	2000*800	6/8

Frame Material	Dimensions (mm)	Glass Thickness (mm)
Solid Wood Frame	1850*680	6/8
Solid Wood Frame	1850*780	6/8
Solid Wood Frame	2000*800	6/8

Sauna Automatic Spray Set



Round Spray Nozzle Long Spray Nozzle Spray Rod Time Delay Control Switch Solenoid Valve Touch Switch

Product Features

- **Easy Operation**
No manual watering needed. Users enjoy sauna comfortably without frequent movement.
- **Precise Humidity Control**
Sensors and control system adjust spray volume per preset humidity, keeping ideal indoor humidity for better comfort and performance.
- **Safe Operation**
Eliminates potential hazards like hot water splashes and improper operation from manual watering.

