



## DERBAL TECHNOLOGY CO.,LTD

📍 China Office: 701A, GuangFa Building, Xihu Road, Xixiang Ave, Shenzhen, China.  
📍 HK Office: Room 63, 7/F, Woon Lee Commercial Building, 7-9 Austin Ave, Tsim Sha  
📞 +86.13546803255  
✉ derbal@derbaltech.com  
🌐 www.derbaltech.com



FOR RESORTS & HOTELS

## SWIMMING POOL POOL ACCESSORIES SPA



# CONTENTS



## Sand Filter category

- 02 Water Fairy Side-Mount Sand Filter
- 03 Production Process of Stainless steel Sand Filter
- 04 Stainless steel Sand Filter
- 05 Water fairy Top-mount Sand Filter
- 06 Water Fairy Side-Mount Sand Filter
- 07 Water Fairy Deep- Sand Filter
- 08 AQUA filter
- 09 "MFS" Side mount filter
- 10 "MFV" Top mount filter
- 11 "H" Series commercial filter
- 13 Butterfly valve for commercial filter
- 14 valve

## Pump series

- 16 CD/CP Water Pump
- 17 "HQS/HQ" Super power
- 18 HL/HLD Water Pump
- 19 Cast iron Pump
- 20 Air pump

## Integrative filter system

- 22 "FL" series filter system
- 23 Integrative Swimming Pool Filter

## Pool Disinfection Series

- 28 Water Quality Monitor
- 29 Dosing pumps
- 30 HO Series salt chlorinator
- 31 Water treatment chemicals
- 32 Water quality testing products
- 33 Ultraviolet light
- 35 Integrative disinfection system
- 36 Dosing machine

## Pool Light Category

- 38 Underwater Light

## Water Heating/Cooling /Dehumidity Series

- 46 "3T" Energy-efficient energy exchanger
- 47 Plate heat exchanger
- 48 B series Heat pump
- 49 A series Heat Pump
- 50 Water Heater
- 52 Chillers

## Swimming pool fitting

- 54 Main drain
- 65 Corner for grating & fix side
- 67 Grating
- 68 Lane rope
- 70 Lane rope Accessories
- 71 Safe float line/float wave/float ball
- 72 PVC liner

## Pool ladder& equipment

- 74 Pool ladder
- 81 Pool handrail
- 84 ladder accessories
- 85 Lifeguard chair
- 86 Lane rope Accessories
- 87 Starting Blocks

## Cleaning supplies

- 90 Clean system
- 93 Cleaning Equipment

## Spa series

- 98 Standard steel spa massage bed
- 101 Spa waterfall
- 104 SPA Waterfall Nozzles
- 106 Spa equipment
- 110 Spa shower
- 111 Aqua Bike
- 114 Aqua Walker
- 115 Underwater Treadmill
- 116 Spa shower
- 119 Water descent
- 123 Jet Swim housing
- 125 SPA controller

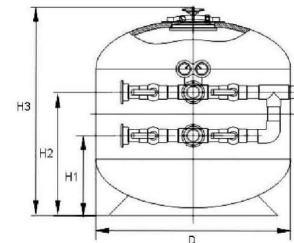


FOR RESORTS & HOTELS



# Sand Filter category »»

## Sand Filter category Water Faery Side-Mount Sand Filter



### FEATURES

Sand filter tank are made of fiber glass wound from reinforced plastic molded. Excellent stability ensure the filter's wearability, preservative and impact resistance. The unique distribution design equalize steady water flow and high efficiency drainage culverts. Easy to install, repair and maintenance. Turbidity less than 2 degrees.



### Technical Characteristics

| Model | Code        | Code | DiameterΦ D(mm) | Inch | Flow (m <sup>3</sup> /h) | Filtration area(m <sup>2</sup> /h) | (H1) (mm) | (H2) (mm) | (H3) (mm) | (WS) Kg | (NW) Kg | (GW) Kg |
|-------|-------------|------|-----------------|------|--------------------------|------------------------------------|-----------|-----------|-----------|---------|---------|---------|
| S1400 | 02001001019 | S-36 | S1400           | 3"   | 56                       | 1.25                               | 650       | 950       | 1480      | 1460    | 116.2   | 130.2   |
| S1600 | 02001002019 | S-37 | S1600           | 3"   | 100                      | 2.01                               | 650       | 950       | 1680      | 2180    | 131.2   | 154.3   |
| S1800 | 02001003019 | S-38 | S1800           | 4"   | 125                      | 2.54                               | 750       | 1100      | 1890      | 3100    | 253.5   | 298.8   |
| S2000 | 02001004019 | S-39 | S2000           | 6"   | 153                      | 3.14                               | 890       | 1290      | 2120      | 4250    | 312.2   | 357.5   |

Note: Height of outfall= height of inlet.

Working pre(kpa):350

## Sand Filter category Production Process of Stainless steel Sand Filter



### RAW MATERIALS

We are ready sufficient raw material for production immediately, that can maximize shorten order lead times. Material in compliance with 304# / 316# stainless steel.

### RAW MATERIAL QUALITY INSPECTION

All raw material have adopted strict quality control before storage. For example, stainless steel products must be used for testing, we eliminate substandard material and ensure our product quality.

### PRESSURE TEST

products must pass the pressure test before delivery in order to achieve the best effect, we provide factory inspection report and certificate.

### ROBOT WELDING

We use advanced robotic automatic welding process, ensure product quality and stability. Welded portion are solid and artistically appearance.

### AUTOMATIC POLISHING

Our company has developed a unique polishing apparatus, facilitating products a bright polishing surface.

### FINISHED PRODUCTS

Most of products are in stock, enabling customers to transfer cargo at any time. Manufactured products are rigorously tested by water pressure, we provide product weighed and photographed according to your requirement.

### TRANSPORTATION

Company has our own delivery fleet, products will be send to the large-scale logistics dedicated site sites by our delivery fleet. we provide efficient and cost-effective logistics consultative services for customers, as well as we provide door-to-door for surrounding cities.

## Sand Filter category Stainless steel Sand Filter

### Top-mount sand filter

Top-mount sand filter is suitable for smaller filtration system. Its small size, easy installation is widely used in villa swimming pool, sauna, spa and other industries.



| Model  | Code        | Specifications | Interlaced | Filter area (m <sup>2</sup> ) | flow (m <sup>3</sup> /h) | Sand loading (kg) |
|--------|-------------|----------------|------------|-------------------------------|--------------------------|-------------------|
| DE600  | 02001001020 | Φ600x700x2     | 1.5        | 0.36                          | 16.4                     | 170               |
| DE700  | 02001002020 | Φ700x800x2     | 1.5        | 0.41                          | 21.3                     | 190               |
| DE800  | 02001003020 | Φ800x900x3     | 2          | 0.51                          | 26.8                     | 300               |
| DE900  | 02001004020 | Φ900x1000 x 3  | 2          | 0.65                          | 32.5                     | 400               |
| DE1000 | 02001005020 | Φ1000x1100 x 3 | 2          | 0.71                          | 38.4                     | 500               |

### Side-mount filte

Tank diameter ranging from 800mm to 2200mm, side-mount filter is mainly used for large filtering system. Its large flow treatment capacity and small occupied space are suitable for the large swimming pool and water park.



| Model  | Code        | Specifications | Interlaced | Filter area (m <sup>2</sup> ) | flow (m <sup>3</sup> /h) | Sand loading (kg) |
|--------|-------------|----------------|------------|-------------------------------|--------------------------|-------------------|
| DC1000 | 02001008019 | Φ1000x1200x3   | 2          | 0.71                          | 38.4                     | 500               |
| DC1200 | 02001009019 | Φ1200x1400x4   | 3          | 1.14                          | 45                       | 1100              |
| DC1400 | 02001010019 | Φ1400x1600x4   | 4          | 1.56                          | 61                       | 1900              |
| DC1600 | 02001011019 | Φ1600x1800x4   | 4          | 2.01                          | 80                       | 2300              |
| DC1800 | 02001012019 | Φ1800x2000x 4  | 6          | 2.54                          | 101                      | 2900              |
| DC2000 | 02001013019 | Φ2000x2200x 4  | 6          | 2.97                          | 125                      | 4600              |
| DC2200 | 02001014019 | Φ2200x2200x5/4 | 8          | 4.10                          | 164                      | 5800              |
| DC2300 | 02001015019 | Φ2300x2300x5/4 | 8          | 4.43                          | 178                      | 6000              |
| DC2500 | 02001016019 | Φ2500x2400x5/4 | 8          | 4.89                          | 195                      | 6700              |

### Large horizontal sand filter

Large horizontal sand filter is commonly used for large pools, aquariums life-support systems. Although its size large, but it possess large water treatment capacity. One large horizontal sand filter can meet the demand of an entire pools filtration, which will be easy for operation and management.



| Model   | Code        | Specifications | Interlaced | Filter area (m <sup>2</sup> ) | Sand loading (kg) |
|---------|-------------|----------------|------------|-------------------------------|-------------------|
| HA 1400 | 02001001021 | Φ1400x3000x4   | 4          | 3.67                          | 110               |
| HA 1400 | 02001002021 | Φ1400x4000x4   | 4          | 4.89                          | 146               |
| HA 1400 | 02001003021 | Φ1400x5000x4   | 4          | 6.11                          | 183               |
| HA 1600 | 02001004021 | Φ1600x3000x4   | 6          | 4.1                           | 123               |
| HA 1600 | 02001005021 | Φ1600x4000x4   | 6          | 5.46                          | 164               |
| HA 1600 | 02001006021 | Φ1600x5000x4   | 6          | 6.83                          | 205               |
| HA 1800 | 02001007021 | Φ1800x3000x4   | 6          | 4.58                          | 137               |
| HA 1800 | 02001008021 | Φ1800x4000x4   | 6          | 6.1                           | 183               |
| HA 1800 | 02001009021 | Φ1800x5000x4   | 6          | 7.63                          | 229               |
| HA 2000 | 02001010021 | Φ2000x3000x4   | 8          | 5.3                           | 159               |
| HA 2000 | 02001011021 | Φ2000x4000x4   | 8          | 7.06                          | 212               |
| HA 2000 | 02001012021 | Φ2000x5000x4   | 8          | 8.83                          | 265               |

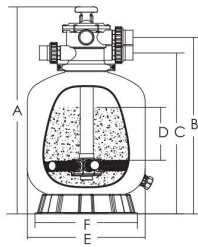
## Sand Filter category Water Faery Top-mount Sand Filter

### FEATURES

Tank: voluble molding of fiber glass reinforced plastics, corrosion resistant, good abrasion resistance, deforming-proof. Uniquely designed distribution make a stable and even water flow to improve drainage system. Easy to install, maintain free. Outlet turbidity: <2FTU.

#### Highlight Features:

- Suggested Installation:
- Domestic In-ground and above groundpool / hot spa tub
- Max operating pressure 36 psi / 2.5 bar
- Max temperature of 43°C (109°F)
- Universal standard of union connection provided
- Suggested size of media : 0.5-0.8mm



### Technical Characteristics

| Item Number | Code        | Diameter Φ E (mm) | Inch | Flow (m³/h) | Filtration area (m²) | (C) (mm) | (B) (mm) | (A) (mm) | (WS) Kg | Package (mm) LxWxH | (NW) Kg | (GW) Kg |
|-------------|-------------|-------------------|------|-------------|----------------------|----------|----------|----------|---------|--------------------|---------|---------|
| T 400       | 02001001013 | 400               | 1.5" | 8           | 0.13                 | 425      | 539      | 680      | 35      | 420x420x480        | 7.3     | 9.8     |
| T 450       | 02001002013 | 450               | 1.5" | 10          | 0.16                 | 485      | 599      | 740      | 50      | 470x470x560        | 8.8     | 11.8    |
| T 525       | 02001003013 | 525               | 1.5" | 12          | 0.19                 | 610      | 724      | 865      | 65      | 550x550x650        | 11.8    | 15.8    |
| T 625       | 02001004013 | 650               | 1.5" | 17          | 0.32                 | 695      | 809      | 950      | 145     | 680x680x740        | 17.7    | 23.2    |
| T 700       | 02001005013 | 700               | 1.5" | 19          | 0.35                 | 715      | 829      | 970      | 180     | 720x720x750        | 20      | 25.5    |
| T 750       | 02001006013 | 750               | 2.0" | 21          | 0.40                 | 765      | 903      | 1080     | 225     | 780x780x830        | 22.8    | 29.8    |
| T 800       | 02001007013 | 800               | 2.0" | 24          | 0.50                 | 815      | 953      | 1130     | 275     | 820x820x860        | 25.9    | 33.4    |
| T 900       | 02001008013 | 900               | 2.0" | 30          | 0.64                 | 900      | 1038     | 1215     | 390     | 920x920x950        | 32.7    | 42.2    |
| T 1000      | 02001009013 | 1050              | 2.0" | 38          | 0.88                 | 1065     | 1203     | 1380     | 615     | 1055x1055x1150     | 50.9    | 56.4    |
| T 1200      | 02001010013 | 1200              | 2.0" | 42          | 1.13                 | 1200     | 1338     | 1515     | 920     | 1215x1215x1280     | 57.6    | 63.2    |

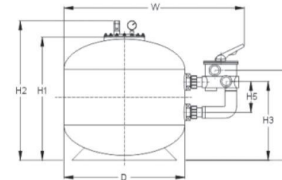
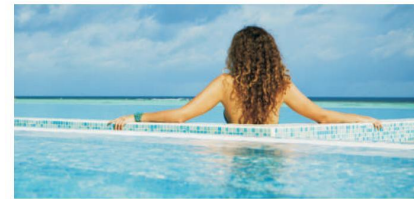
Note: Height of outfall=Height of outlet.

Working pre(kpa):350

## Sand Filter category Water Faery Side-Mount Sand Filter

### FEATURES

Tank: voluble molding of fiber glass reinforced plastics, corrosion resistant, good abrasion resistance, deforming-proof. Uniquely designed distribution make a stable and even water flow to improve drainage system. Easy to install, maintain free. Outlet turbidity: <2FTU.



### Technical Characteristics

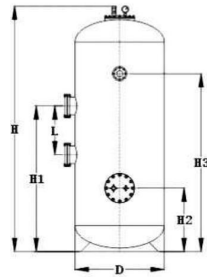
| Item Number | Code        | Diameter Φ D (mm) | Inch | Flow (m³/h) | Filtration area (m²) | (H1) (mm) | (H2) (mm) | (H3) (mm) | (H4) (mm) | (H5) (mm) | (W) (mm) | (WS) KG | Package (mm) LxWxH | (NW) KG | (GW) KG |
|-------------|-------------|-------------------|------|-------------|----------------------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------------------|---------|---------|
| S525        | 02001001023 | 525               | 1.5" | 12          | 0.19                 | 610       | 720       | 410       | 475       | 150       | 885      | 65      | 550x550x650        | 14.1    | 18.1    |
| S600        | 02001002023 | 600               | 1.5" | 14          | 0.22                 | 620       | 730       | 430       | 495       | 150       | 960      | 115     | 620x620x680        | 16.9    | 21.4    |
| S650        | 02001003023 | 650               | 1.5" | 17          | 0.32                 | 695       | 805       | 450       | 515       | 150       | 1010     | 145     | 680x680x740        | 20      | 25.5    |
| S700        | 02001004023 | 700               | 1.5" | 19          | 0.35                 | 715       | 825       | 470       | 535       | 150       | 1060     | 180     | 720x720x750        | 22.3    | 27.8    |
| S750        | 02001005023 | 750               | 2.0" | 21          | 0.40                 | 765       | 875       | 540       | 615       | 200       | 1140     | 225     | 780x780x830        | 25.7    | 32.7    |
| S800        | 02001006023 | 800               | 2.0" | 24          | 0.50                 | 815       | 925       | 550       | 625       | 200       | 1190     | 275     | 820x820x860        | 28.8    | 36.3    |
| S900        | 02001007023 | 900               | 2.0" | 30          | 0.64                 | 900       | 1010      | 620       | 695       | 200       | 1290     | 390     | 920x920x950        | 35.4    | 44.9    |
| S1050       | 02001008023 | 1050              | 2.0" | 38          | 0.88                 | 1065      | 1175      | 700       | 775       | 200       | 1440     | 615     | 1055x1055x1150     | 53.3    | 58.6    |
| S1200       | 02001009023 | 1200              | 2.0" | 42          | 1.13                 | 1200      | 1310      | 780       | 855       | 200       | 1590     | 920     | 1215x1215x1280     | 59.8    | 65.4    |

## Sand Filter category Water Faery Deep- Sand Filter



### FEATURES

Tank: voluble molding of fiber glass reinforced plastics, corrosion resistant, good abrasion resistance, deforming-proof. Uniquely designed distribution make a stable and even water flow to improved drainage system. Easy to install, maintain free. Outlet turbidity: <2FTU.



### Technical Characteristics

| Item Number | Code        | Diameter Φ D(mm) | Inch | Flow (m <sup>3</sup> /h) | Filtration area(m <sup>2</sup> ) | (H1) (mm) | (H2) (mm) | (H3) (mm) | (H) (mm) | (WS) Kg | (NW) Kg | (GW) Kg |
|-------------|-------------|------------------|------|--------------------------|----------------------------------|-----------|-----------|-----------|----------|---------|---------|---------|
| SL 800-1    | 02001001022 | 800              | 3"   | 24                       | 0.50                             | 1300      | 580       | 1780      | 2080     | 272     | 87      | 162.5   |
| SL 800-2    | 02001002022 | 800              | 3"   | 24                       | 0.50                             | 975       | 520       | 1050      | 1600     | 209     | 67.7    | 132.5   |
| SL 800-3    | 02001003022 | 800              | 3"   | 24                       | 0.50                             | 775       | 480       | 720       | 1200     | 157     | 51.6    | 106.5   |
| SL 900-1    | 02001004022 | 900              | 3"   | 30                       | 0.64                             | 1260      | 600       | 1660      | 2340     | 388     | 108.2   | 200.5   |
| SL 900-2    | 02001005022 | 900              | 3"   | 30                       | 0.64                             | 1075      | 520       | 1050      | 1800     | 260     | 85.4    | 163.8   |
| SL 900-3    | 02001006022 | 900              | 3"   | 30                       | 0.64                             | 850       | 480       | 720       | 1350     | 195     | 63.8    | 130.8   |
| SL 1050-1   | 02001007022 | 1050             | 4"   | 38                       | 0.88                             | 1250      | 680       | 1620      | 2100     | 616     | 112.7   | 214.8   |
| SL 1050-2   | 02001008022 | 1050             | 4"   | 38                       | 0.88                             | 970       | 520       | 1050      | 1575     | 462     | 85.5    | 172.6   |
| SL 1200-1   | 02001009022 | 1200             | 4"   | 42                       | 1.13                             | 1260      | 680       | 1580      | 2400     | 919     | 144.6   | 273.6   |
| SL 1200-2   | 02001010022 | 1200             | 4"   | 42                       | 1.13                             | 1075      | 520       | 1050      | 1800     | 689     | 109.5   | 219.2   |

Note: distance between inlet and outlet for 3": L=350mm, distance between inlet and outlet for 4": L=450mm

Working pre (Kpa): 350

## Sand Filter category AQUA filter



LARGE FILTER Ø1400-Ø2500

TOP MOUNT FILTER Ø400-Ø1200

SIZE MOUNT FILTER Ø450-Ø1200



DEEP FILTER Ø250-Ø400



CARTRIDGE FILTER AF25-150

### TOP MOUNT FILTER

| Model | Code        | Tank dia (mm) | Height (mm) | Valve size (mm) | Filtration area (m <sup>2</sup> ) | Silica sand (kg) | Design flow (Lpm) |
|-------|-------------|---------------|-------------|-----------------|-----------------------------------|------------------|-------------------|
| Q400  | 02001001001 | 400           | 740         | 40              | 0.13                              | 30               | 105               |
| Q450  | 02001002001 | 450           | 800         | 40              | 0.16                              | 40               | 133               |
| Q500  | 02001003001 | 520           | 840         | 40              | 0.22                              | 85               | 192               |
| Q650  | 02001004001 | 620           | 960         | 40              | 0.33                              | 155              | 270               |
| Q700  | 02001005001 | 710           | 1025        | 40              | 0.38                              | 185              | 320               |
| Q800  | 02001006001 | 800           | 1200        | 50              | 0.50                              | 250              | 420               |
| Q900  | 02001007001 | 900           | 1300        | 50              | 0.64                              | 350              | 500               |
| Q1000 | 02001008001 | 1000          | 1400        | 50              | 0.79                              | 500              | 550               |
| Q1100 | 02001009001 | 1100          | 1480        | 50              | 0.95                              | 650              | 630               |
| Q1200 | 02001010001 | 1200          | 1600        | 50              | 1.13                              | 700              | 700               |
| Q1400 | 02001011001 | 1400          | 1580        | 100             | 1.54                              | 1900             | 1300              |
| Q1600 | 02001012001 | 1600          | 1700        | 100             | 2.00                              | 2600             | 1700              |
| Q1800 | 02001013001 | 1800          | 1850        | 150             | 2.54                              | 3240             | 2100              |
| Q2000 | 02001014001 | 2000          | 2000        | 150             | 3.14                              | 4000             | 2650              |
| Q2350 | 02001015001 | 2350          | 2350        | 200             | 4.35                              | 5000             | 3350              |
| Q2500 | 02001016001 | 2500          | 2600        | 200             | 4.91                              | 7000             | 3920              |

### SIZE MOUNT FILTER

| Model  | Code        | Tank dia (mm) | Height (mm) | Valve size (mm) | Filtration area (m <sup>2</sup> ) | Silica sand (kg) | Design flow (Lpm) |
|--------|-------------|---------------|-------------|-----------------|-----------------------------------|------------------|-------------------|
| Qs450  | 02001001002 | 455           | 730         | 40              | 0.16                              | 40               | 133               |
| Qs500  | 02001002002 | 535           | 770         | 40              | 0.22                              | 85               | 192               |
| Qs650  | 02001003002 | 635           | 850         | 40              | 0.33                              | 155              | 270               |
| Qs700  | 02001004002 | 710           | 960         | 40              | 0.38                              | 185              | 320               |
| Qs800  | 02001005002 | 820           | 1050        | 50              | 0.50                              | 250              | 420               |
| Qs900  | 02001006002 | 920           | 1180        | 50              | 0.64                              | 350              | 500               |
| Qs1000 | 02001007002 | 1020          | 1220        | 50              | 0.79                              | 500              | 550               |
| Qs1200 | 02001008002 | 1220          | 1410        | 50              | 1.13                              | 700              | 700               |

### DEEP FILTER

| Model  | Code        | Tank dia (mm) | Height (mm) | Valve size (mm) | Filtration area (m <sup>2</sup> ) | Silica sand (kg) | Design flow (Lpm) |
|--------|-------------|---------------|-------------|-----------------|-----------------------------------|------------------|-------------------|
| H13250 | 02001001003 | 250           | 1300        | 25              | 0.049                             | 118              | 33                |
| H13300 | 02001002003 | 300           | 1300        | 25              | 0.071                             | 131              | 47                |
| H13350 | 02001003003 | 350           | 1300        | 25              | 0.096                             | 147              | 64                |
| H13400 | 02001004003 | 400           | 1300        | 25              | 0.126                             | 185              | 87                |

### CARTRIDGE FILTER

| Model | Code        | Tank dia (mm) | Height (mm) | Valve size (mm) | Captridge area (m <sup>2</sup> ) | Design Flow (m <sup>3</sup> /h) | Maximum pressure (Lpm) |
|-------|-------------|---------------|-------------|-----------------|----------------------------------|---------------------------------|------------------------|
| AF25  | 02001001024 | 225           | 425         | 250-370         | 2.3                              | 11                              | 350                    |
| AF50  | 02001002024 | 225           | 605         | 550-750         | 4.7                              | 14                              | 350                    |
| AF75  | 02001003024 | 225           | 781         | 750-1100        | 7                                | 17                              | 350                    |
| AF100 | 02001004024 | 225           | 961         | 1100-1500       | 9.4                              | 19                              | 350                    |
| AF150 | 02001005024 | 225           | 1141        | 1100-2200       | 14                               | 24                              | 350                    |

## Sand Filter category "MFS" Side mount filter

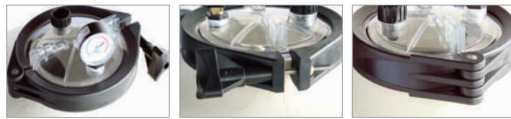


Finn innovative design and advanced technology offers superior filtration performance and crystal clear water. Filter Max filters are blown at one-piece with high density polyethylene for its heavy duty performance and reliability.

### Highlight Features:

- Suggested Installation:
- Domestic In-ground and above ground pool / hot spa tub
- Max operating pressure 40 psi / 2.8 bar
- Max temperature of 50°C (122°F)
- Universal standard of union connection provided
- ABS lateral provided
- Suggested size of media : 0.5-0.8mm

### Product Focus



1. Unique one-piece clamp with screw-type lock designed to simplify installation and allow tool-free servicing.
2. Equipped with multiport valve with 6-way functions.
3. Easy-to-read pressure gauge for easy inspection.

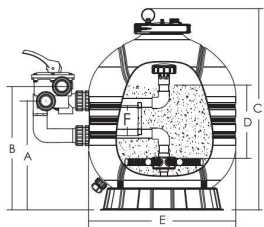
### Technical Information

| Code        | Model No | Filter Area(m <sup>2</sup> ) | Valve Connections | Max Flow Rate                | Sand(kg) |
|-------------|----------|------------------------------|-------------------|------------------------------|----------|
| 02001001004 | MFS17    | 0.14                         | 1.5 inch 50mm     | 117lpm 7.0m <sup>3</sup> /h  | 40       |
| 02001002004 | MFS20    | 0.20                         | 1.5 inch 50mm     | 167lpm 10.0m <sup>3</sup> /h | 70       |
| 02001003004 | MFS24    | 0.28                         | 1.5 inch 50mm     | 233lpm 14.0m <sup>3</sup> /h | 125      |
| 02001004004 | MFS27A   | 0.36                         | 1.5 inch 50mm     | 240lpm 14.4m <sup>3</sup> /h | 185      |
| 02001005004 | MFS27    | 0.36                         | 2.0 inch 63mm     | 300lpm 18.0m <sup>3</sup> /h | 185      |
| 02001006004 | MFS31A   | 0.47                         | 1.5 inch 50mm     | 313lpm 18.8m <sup>3</sup> /h | 320      |
| 02001007004 | MFS31    | 0.47                         | 2.0inch 63mm      | 392lpm 23.5m <sup>3</sup> /h | 320      |
| 02001008004 | MFS35    | 0.61                         | 2.0 inch 63mm     | 508lpm 30.5m <sup>3</sup> /h | 430      |

Note: Suggested sand weight varies with differences in filter media size. For reference only.

### Product Dimension

| Model No | A mm  | B mm  | C mm | D mm | E mm | F mm |
|----------|-------|-------|------|------|------|------|
| MFS17    | 354.5 | 417.5 | 670  | 195  | 425  | 125  |
| MFS20    | 396.3 | 549.3 | 760  | 225  | 500  | 125  |
| MFS24    | 429.5 | 492.5 | 825  | 280  | 600  | 125  |
| MFS27A   | 480.0 | 543.0 | 946  | 300  | 675  | 125  |
| MFS27    | 459.5 | 545.5 | 946  | 300  | 675  | 130  |
| MFS31A   | 505.5 | 568.5 | 968  | 370  | 775  | 125  |
| MFS31    | 508.0 | 594.0 | 968  | 370  | 775  | 130  |
| MFS35    | 564.0 | 650.0 | 1086 | 440  | 875  | 130  |



## Sand Filter category "MFV" Top mount filter



Finn innovative design and advanced technology offers superior filtration performance and crystal clear water. Filter Max filters are blown at one-piece with high density polyethylene for its heavy duty performance and reliability.

### Highlight Features:

- Suggested Installation:
- Domestic In-ground and above ground pool / hot spa tub
- Max operating pressure 40 psi / 2.8 bar
- Max temperature of 50°C (122°F)
- Universal standard of union connection provided
- ABS lateral provided
- Suggested size of media : 0.5-0.8mm

### Product Focus



1. Unique one-piece clamp with screw-type lock designed to simplify installation and allow tool-free servicing.
2. Equipped with multiport valve with 6-way functions.
3. Easy-to-read pressure gauge for easy inspection.

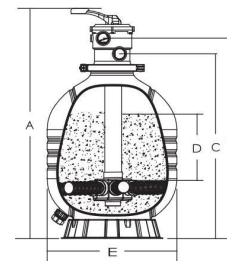
### Technical Information

| Code        | Model No | Filter Area(m <sup>2</sup> ) | Valve Connections | Max Flow Rate                | Sand(kg) |
|-------------|----------|------------------------------|-------------------|------------------------------|----------|
| 02001001005 | MFV17    | 0.14                         | 1.5 inch 50mm     | 117lpm 7.0m <sup>3</sup> /h  | 40       |
| 02001002005 | MFV20    | 0.20                         | 1.5 inch 50mm     | 167lpm 10.0m <sup>3</sup> /h | 70       |
| 02001003005 | MFV24    | 0.28                         | 1.5 inch 50mm     | 233lpm 14.0m <sup>3</sup> /h | 125      |
| 02001004005 | MFV27A   | 0.36                         | 1.5 inch 50mm     | 240lpm 14.4m <sup>3</sup> /h | 185      |
| 02001005005 | MFV27    | 0.36                         | 2.0 inch 63mm     | 300lpm 18.0m <sup>3</sup> /h | 185      |
| 02001006005 | MFV31A   | 0.47                         | 1.5 inch 50mm     | 313lpm 18.8m <sup>3</sup> /h | 320      |
| 02001007005 | MFV31    | 0.47                         | 2.0inch 63mm      | 392lpm 23.5m <sup>3</sup> /h | 320      |
| 02001008005 | MFV35    | 0.61                         | 2.0 inch 63mm     | 508lpm 30.5m <sup>3</sup> /h | 430      |

Note: Suggested sand weight varies with differences in filter media size. For reference only.

### Product Dimension

| Model No | A mm | B mm | C mm | D mm | E mm |
|----------|------|------|------|------|------|
| MFV17    | 816  | 695  | 625  | 195  | 425  |
| MFV20    | 889  | 772  | 712  | 225  | 500  |
| MFV24    | 980  | 860  | 800  | 280  | 600  |
| MFV27A   | 1081 | 963  | 903  | 300  | 675  |
| MFV27    | 1133 | 976  | 910  | 300  | 675  |
| MFV31A   | 1126 | 1008 | 948  | 370  | 775  |
| MFV31    | 1178 | 1021 | 955  | 370  | 775  |
| MFV35    | 1296 | 1139 | 1073 | 440  | 875  |



## Sand Filter category "H"Series commercial filter

1.9m-3.0m



"H" Series bobbin wound commercial filter is suitable for high demand in filtration surface area especially for commercial purpose with long life and minimal servicing. Suitable for large scale water features, aquarium and commercial pool.

3.5m Upwards



### Highlight Features:

- Non-corrosive fiberglass and resin
- UV resistance, suitable for operation under prolong sunlight
- Max operating pressure 36 psi (2.5bar) / 56 psi(4.0bar)
- Max temperature of 43°C(109 °F)
- Maximum filtration velocity: 50m<sup>3</sup>/h/m<sup>2</sup>
- Suggested size of media : 0.5-0.8mm sand and 1-2mm gravel

### Technical Information

1. Service manhole for easy maintenance.
2. Inner filtration system with evenly spread laterals enhance filtration performance.
3. Equipped with manometer for easy inspection of the working pressure of both inlet and outlet.

(Diameter: 1200mm / Sand bed depth: 0.6m)

| Model No   | Connection (Ø) | Code (2.5Bar) | Code (4Bar) | Max. Flow Rate m <sup>3</sup> /h | Velocity m <sup>3</sup> /h/m <sup>2</sup> | Filtration Area (m <sup>2</sup> ) | Gravel 1-1.2mm (kg) | Sand 0.4-0.8mm (kg) |
|------------|----------------|---------------|-------------|----------------------------------|---|-----------------------------------|---------------------|---------------------|
| H1200 -1.9 | 4" 110mm       | 02001001009   | 02001045009 | 39                               | 20  | 1.96                              | 425                 | 1100                |
|            | 6" 160mm       | 02001002009   | 02001046009 | 79                               | 40  |                                   |                     |                     |
| H1200 -2.3 | 4" 110mm       | 02001003009   | 02001047009 | 48                               | 20  | 2.42                              | 550                 | 1425                |
|            | 6" 160mm       | 02001004009   | 02001048009 | 97                               | 40  |                                   |                     |                     |
| H1200 -2.5 | 4" 110mm       | 02001005009   | 02001049009 | 53                               | 20  | 2.65                              | 700                 | 1750                |
|            | 6" 160mm       | 02001006009   | 02001050009 | 107                              | 40  |                                   |                     |                     |
| H1200 -2.7 | 4" 110mm       | 02001007009   | 02001051009 | 57                               | 20  | 2.87                              | 825                 | 2075                |
|            | 6" 160mm       | 02001008009   | 02001052009 | 115                              | 40  |                                   |                     |                     |
| H1200 -3.0 | 4" 110mm       | 02001009009   | 02001053009 | 64                               | 20  | 3.21                              | 925                 | 2325                |
|            | 6" 160mm       | 02001010009   | 02001054009 | 129                              | 40  |                                   |                     |                     |

(Diameter: 1400mm / Sand bed depth: 0.8m)

| Model No  | Connection (Ø) | Code (2.5Bar) | Code (4Bar) | Max. Flow Rate m <sup>3</sup> /h | Velocity m <sup>3</sup> /h/m <sup>2</sup> | Filtration Area (m <sup>2</sup> ) | Gravel 1-1.2mm (kg) | Sand 0.4-0.8mm (kg) |
|-----------|----------------|---------------|-------------|----------------------------------|---|-----------------------------------|---------------------|---------------------|
| H1400-1.9 | 4" 110mm       | 02001011009   | 02001055009 | 45                               | 20  | 2.23                              | 575                 | 2100                |
|           | 6" 160mm       | 02001012009   | 02001056009 | 89                               | 40  |                                   |                     |                     |
| H1400-2.5 | 4" 110mm       | 02001013009   | 02001057009 | 60                               | 20  | 3.02                              | 800                 | 2825                |
|           | 6" 160mm       | 02001014009   | 02001058009 | 121                              | 40  |                                   |                     |                     |
| H1400-3.0 | 4" 110mm       | 02001015009   | 02001059009 | 73                               | 20  | 3.67                              | 1000                | 3450                |
|           | 6" 160mm       | 02001016009   | 02001060009 | 110                              | 30  |                                   |                     |                     |
|           | 8" 200mm       | 02001017009   | 02001061009 | 147                              | 40  |                                   |                     |                     |

## Sand Filter category "H"Series commercial filter

(Diameter: 1600mm / Sand bed depth: 1.0m)

| Model No  | Connection (Ø) | Code (2.5Bar) | Code (4Bar) | Max. Flow Rate m <sup>3</sup> /h | Velocity m <sup>3</sup> /h/m <sup>2</sup> | Filtration Area (m <sup>2</sup> ) | Gravel 1-1.2mm (kg) | Sand 0.4-0.8mm (kg) |
|-----------|----------------|---------------|-------------|----------------------------------|---|-----------------------------------|---------------------|---------------------|
| H1600-1.9 | 4" 110mm       | 02001018009   | 02001062009 | 49                               | 20  | 2.47                              | 600                 | 2850                |
|           | 6" 160mm       | 02001019009   | 02001063009 | 99                               | 40  |                                   |                     |                     |
| H1600-2.5 | 6" 160mm       | 02001020009   | 02001064009 | 101                              | 30  | 3.36                              | 850                 | 3875                |
|           | 8" 200mm       | 02001021009   | 02001065009 | 134                              | 40  |                                   |                     |                     |
| H1600-3.0 | 6" 160mm       | 02001022009   | 02001066009 | 123                              | 30  | 4.1                               | 1050                | 4750                |
|           | 8" 200mm       | 02001023009   | 02001067009 | 164                              | 40  |                                   |                     |                     |

(Diameter: 1800mm / Sand bed depth: 1.0m)

| Model No  | Connection (Ø) | Code (2.5Bar) | Code (4Bar) | Max. Flow Rate m <sup>3</sup> /h | Velocity m <sup>3</sup> /h/m <sup>2</sup> | Filtration Area (m <sup>2</sup> ) | Gravel 1-1.2mm (kg) | Sand 0.4-0.8mm (kg) |
|-----------|----------------|---------------|-------------|----------------------------------|---|-----------------------------------|---------------------|---------------------|
| H1800-2.5 | 6" 160mm       | 02001024009   | 02001068009 | 112                              | 30  | 3.74                              | 975                 | 4850                |
|           | 8" 200mm       | 02001025009   | 02001069009 | 150                              | 40  |                                   |                     |                     |
| H1800-3.0 | 6" 160mm       | 02001026009   | 02001070009 | 137                              | 30  | 4.58                              | 1225                | 5925                |
|           | 8" 200mm       | 02001027009   | 02001071009 | 183                              | 40  |                                   |                     |                     |
| H1800-3.5 | 8" 200mm       | 02001028009   | 02001072009 | 162                              | 30  | 5.41                              | 1475                | 7000                |
|           | 10" 250mm      | 02001029009   | 02001073009 | 216                              | 40  |                                   |                     |                     |
| H1800-4.0 | 6" 160mm       | 02001030009   | 02001074009 | 125                              | 20  | 6.25                              | 1700                | 8075                |
|           | 8" 200mm       | 02001031009   | 02001075009 | 187                              | 30  |                                   |                     |                     |
|           | 10" 250mm      | 02001032009   | 02001076009 | 250                              | 40  |                                   |                     |                     |

(Diameter: 2000mm / Sand bed depth: 1.2m)

| Model No  | Connection (Ø) | Code (2.5Bar) | Code (4Bar) | Max. Flow Rate m <sup>3</sup> /h | Velocity m <sup>3</sup> /h/m <sup>2</sup> | Filtration Area (m <sup>2</sup> ) | Gravel 1-1.2mm (kg) | Sand 0.4-0.8mm (kg) |
|-----------|----------------|---------------|-------------|----------------------------------|---|-----------------------------------|---------------------|---------------------|
| H2000-2.5 | 6" 160mm       | 02001033009   | 02001077009 | 130                              | 30  | 4.34                              | 1050                | 6575                |
|           | 8" 200mm       | 02001034009   | 02001078009 | 174                              | 40  |                                   |                     |                     |
| H2000-3.0 | 6" 160mm       | 02001035009   | 02001079009 | 159                              | 30  | 5.3                               | 1300                | 8025                |
|           | 8" 200mm       | 02001036009   | 02001080009 | 212                              | 40  |                                   |                     |                     |
| H2000-3.5 | 6" 160mm       | 02001037009   | 02001081009 | 125                              | 20  | 6.25                              | 1550                | 9475                |
|           | 8" 200mm       | 02001038009   | 02001082009 | 187                              | 30  |                                   |                     |                     |
| H2000-4.0 | 10" 250mm      | 02001039009   | 02001083009 | 250                              | 40  | 7.21                              | 1800                | 10925               |
|           | 6" 160mm       | 02001040009   | 02001084009 | 144                              | 20  |                                   |                     |                     |
| H2000-4.5 | 8" 200mm       | 02001041009   | 02001085009 | 216                              | 30  | 8.16                              | 2075                | 12375               |
|           | 10" 250mm      | 02001042009   | 02001086009 | 288                              | 40  |                                   |                     |                     |
|           | 8" 200mm       | 02001043009   | 02001087009 | 245                              | 30  |                                   |                     |                     |
|           | 10" 250mm      | 02001044009   | 02001088009 | 326                              | 40  |                                   |                     |                     |

### Product Focus



Sightglass



Lateral System



Union Drain



Air Vent Valve



## Sand Filter category Butterfly valve for commercial filter



NBV series butterfly valve system is made with anti-corrosive material and applies with flange design which enable easy installation and disassembly. Suitable for commercial heavy duty usage.

### Technical Information

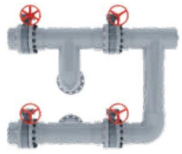
Maximum Working Pressure 250kPa/36psi/2.5bar  
 Factory Testing Pressure 400kPa/58psi/4.0bar  
 Maximum Water Temperature 43°C(109°F)

### 4 Ways Butterfly Valve

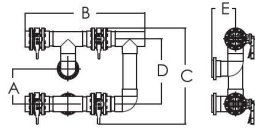
| Code        | Model No (4) | A mm | B mm | C mm | D mm | E mm |
|-------------|--------------|------|------|------|------|------|
| 02001001029 | NBV30-4      | 350  | 884  | 889  | 552  | 172  |
| 02001002029 | NBV40-4      | 350  | 1001 | 963  | 614  | 210  |
| 02001003029 | NBV60-4      | 415  | 1351 | 1228 | 775  | 284  |
| 02001004029 | NBV80-4      | 550  | 1867 | 1500 | 1015 | 376  |
| 02001005029 | BVGT100-4    | 710  | 2231 | 1913 | 1286 | 472  |
| 02001006029 | BVGT120-4    | 710  | 2437 | 2106 | 1423 | 552  |



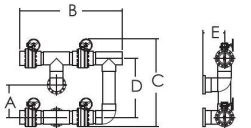
4 Way Butterfly Valve  
NBV30-NBV80



4 Way Butterfly Valve  
BVGT100- BVGT120



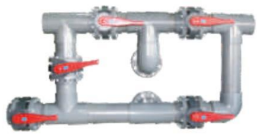
4 Way Butterfly Valve  
NBV30-NBV80



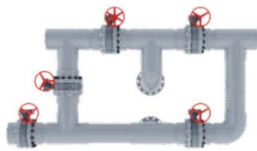
4 Way Butterfly Valve  
BVGT100- BVGT120

### 5 Ways Butterfly Valve

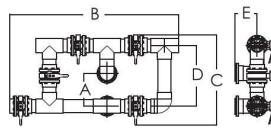
| Code        | Model No (5) | A mm | B mm | C mm | D mm | E mm |
|-------------|--------------|------|------|------|------|------|
| 02001007029 | NBV30-5      | 350  | 1395 | 889  | 552  | 172  |
| 02001008029 | NBV40-5      | 350  | 1521 | 963  | 614  | 210  |
| 02001009029 | NBV60-5      | 415  | 2039 | 1228 | 775  | 284  |
| 02001010029 | NBV80-5      | 550  | 2832 | 1500 | 1015 | 376  |
| 02001011029 | BVGT100-5    | 710  | 3374 | 1913 | 1286 | 472  |
| 02001012029 | BVGT120-5    | 710  | 3692 | 2106 | 1423 | 552  |



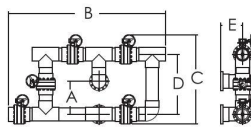
5 Way Butterfly Valve  
NBV30-NBV80



5 Way Butterfly Valve  
BVGT100- BVGT120



5 Way Butterfly Valve  
NBV30-NBV80



5 Way Butterfly Valve  
BVGT100- BVGT120

## Sand Filter category valve

With using the best imported materials available and rigorous quality control standard. EMAUX valve are made for easier and trouble-free installations. Superior quality and plumbing versatility make EMAUX valve the #1 choice of pool and spa professionals.

### Features

- Made of durable ABS and PVC
- Large handle for easy adjustment
- Extremely reliable and maintenance free
- Max. 4 bar working pressure
- Able to withstand extreme chemical and temperature fluctuations
- Suitable for 1.5" or 2" PVC pipe



V40-1/V50-1



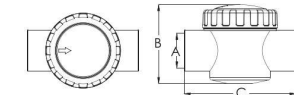
V40-2/V50-2



V40-3/V50-3

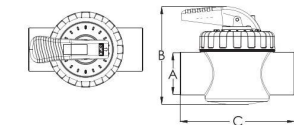
### Check Valve

| Model    | Code        | Colour | Material  | Connection    | A   | B   | C   |
|----------|-------------|--------|-----------|---------------|-----|-----|-----|
| V40-1(E) | 02001001030 | White  | ABS & PVC | 1.5" Metric   | Ø50 | 115 | 164 |
| V50-1(E) | 02001002030 | White  | ABS & PVC | 2" Metric     | Ø63 | 129 | 190 |
| V40-1(A) | 02001003030 | White  | ABS & PVC | 1.5" Imperial | Ø48 | 115 | 164 |
| V50-1(A) | 02001004030 | White  | ABS & PVC | 2" Imperial   | Ø60 | 129 | 190 |



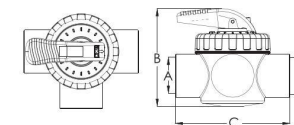
### 2 Ways Valve

| Model    | Code        | Colour | Material  | Connection    | A   | B   | C   |
|----------|-------------|--------|-----------|---------------|-----|-----|-----|
| V40-2(E) | 02001005030 | White  | ABS & PVC | 1.5" Metric   | Ø50 | 149 | 164 |
| V50-2(E) | 02001006030 | White  | ABS & PVC | 2" Metric     | Ø63 | 161 | 190 |
| V40-2(A) | 02001007030 | White  | ABS & PVC | 1.5" Imperial | Ø48 | 149 | 164 |
| V50-2(A) | 02001008030 | White  | ABS & PVC | 2" Imperial   | Ø60 | 161 | 190 |



### 3 Ways Valve

| Model    | Code        | Colour | Material  | Connection    | A   | B   | C   |
|----------|-------------|--------|-----------|---------------|-----|-----|-----|
| V40-3(E) | 02001009030 | White  | ABS & PVC | 1.5" Metric   | Ø50 | 149 | 164 |
| V50-3(E) | 02001010030 | White  | ABS & PVC | 2" Metric     | Ø63 | 161 | 190 |
| V40-3(A) | 02001011030 | White  | ABS & PVC | 1.5" Imperial | Ø48 | 149 | 164 |
| V50-3(A) | 02001012030 | White  | ABS & PVC | 2" Imperial   | Ø60 | 161 | 190 |





Pump series »»»



## Pump series CD/CP Water Pump

### CD Water pump



#### CD series pump size information

| Model | Length (mm) | Width (mm) | Height (mm) | Inlet center height (mm) | Inlet and outlet center distance (mm) |
|-------|-------------|------------|-------------|--------------------------|---------------------------------------|
| CD-20 | 650/720     | 330        | 295         | 225                      | 285                                   |
| CD-30 | 650/720     | 330        | 295         | 225                      | 285                                   |
| CD-40 | 650/720     | 330        | 295         | 225                      | 285                                   |
| CD-55 | 650/720     | 330        | 295         | 225                      | 285                                   |
| CD-75 | 650/720     | 330        | 295         | 225                      | 285                                   |



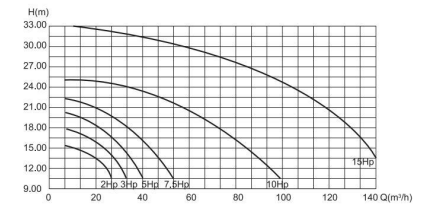
| Model | Code        | Voltage (V) | Power |     | Hmax(m) | Qmax(m <sup>3</sup> /h) | Motor Speed (r/min) | Port Size (mm)  |
|-------|-------------|-------------|-------|-----|---------|-------------------------|---------------------|-----------------|
|       |             |             | KW    | HP  |         |                         |                     |                 |
| CD-20 | 02002001020 | 220V/50Hz   | 1.5   | 2.0 | 18      | 35                      | 2800                | 63 2.0"         |
| CD-30 | 02002002020 | 220V/50Hz   | 2.2   | 3.0 | 20      | 40                      | 2800                | 63 2.0"         |
| CD-35 | 02002003020 | 220V/50Hz   | 2.6   | 3.5 | 20      | 43                      | 2800                | 63/75 2.0"/2.5" |
| CD-20 | 02002004020 | 380V/50Hz   | 1.5   | 2.0 | 18      | 35                      | 2800                | 63 2.0"         |
| CD-30 | 02002005020 | 380V/50Hz   | 2.2   | 3.0 | 20      | 40                      | 2800                | 63 2.0"         |
| CD-35 | 02002006020 | 380V/50Hz   | 2.6   | 3.5 | 20      | 43                      | 2800                | 63/75 2.0"/2.5" |
| CD-40 | 02002007020 | 380V/50Hz   | 3.0   | 4.0 | 21      | 50                      | 2800                | 63/75 2.0"/2.5" |
| CD-55 | 02002008020 | 380V/50Hz   | 4.0   | 5.5 | 22      | 60                      | 2800                | 75 2.5"         |
| CD-75 | 02002009020 | 380V/50Hz   | 5.5   | 7.5 | 22      | 75                      | 2800                | 75 2.5"         |

Above size only for reference, pls take shipping products size as correct.

### "PREMIER" CP Series Brass Pump



VTPR



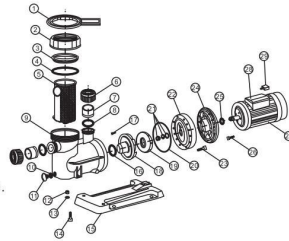
#### SPECIFICATIONS

| Item No. | Code        | Length (mm) | Width (mm) | Height (mm) | Inlet Ø (mm) | Outlet Ø (mm) | Voltage | Specification (HP) | Package (mm) L x W x H |
|----------|-------------|-------------|------------|-------------|--------------|---------------|---------|--------------------|------------------------|
| CP3030   | 02002001017 | 630         | 205        | 245         | 2            | 2             | 380V    | 3                  | 630x290x385            |
| CP5040   | 02002002017 | 712         | 266        | 400         | 3            | 2.5           | 380V    | 5                  | 765x410x405            |
| CP7550   | 02002003017 | 724         | 266        | 400         | 3            | 2.5           | 380V    | 7.5                | 765x410x405            |
| CP100100 | 02002004017 | 1060        | 340        | 570         | 4            | 4             | 380V    | 10                 | 1200x460x800           |
| CP150140 | 02002005017 | 1090        | 340        | 570         | 4            | 4             | 380V    | 15                 | 1200x460x800           |

## Pump series "HQS/HQ" Super power

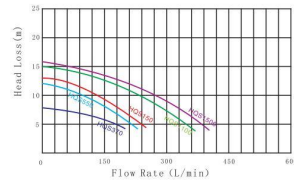
### HQS HQ Water Pump Technical characteristics

Anti rust crust can stop water penetrating the engine. Enough power, high head, big flux and high efficient circulation. Smaller noise and run quietly. The pump cover bears high airtight preventing the leaking. The main part of the pump is made of special plastic which is anti-high or low temperature so it is durable. Convenient to handle, easy to maintain, with the supplying of spare parts.



|                    |                               |                   |               |                               |
|--------------------|-------------------------------|-------------------|---------------|-------------------------------|
| 01 Plastic Spanner | 07 Union Bushing(Metric/rich) | 13 Gasket         | 19 Impeller   | 25 Rejection WaterRing        |
| 02 Lid Lock Ring   | 08 O' ring                    | 14 Screw (g*30mm) | 20 O'ring     | 26 Screw                      |
| 03 Lid             | 09 Pump                       | 15 Base           | 21 Shaft Seal | 27 Motor                      |
| 04 O'ring          | 10 O'ring                     | 16 O'ring         | 22 Fange      | 28 Junction Box               |
| 05 Basket          | 11 Drain Plug                 | 17 Screw          | 23 Screw      | 29 Electric Current Safeguard |
| 06 Union Nut       | 12 Nut                        | 18 Diffuser       | 24 Fange      |                               |

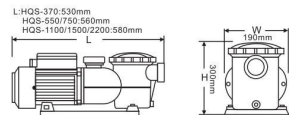
### HQS Water Pump



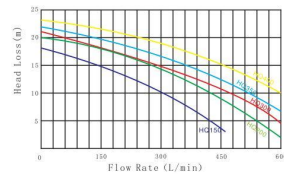
#### SPECIFICATIONS

| Model    | Code 50Hz   | Code 60Hz   | Voltage (v) | Port size (inch/mm) | Hmax (m) | Qmax (m³/h) | Power (KW/HP) |
|----------|-------------|-------------|-------------|---------------------|----------|-------------|---------------|
| HQS-370  | 02002001008 | 02002006008 | 220V/50Hz   | 1.5 50              | 8        | 11          | 0.37 0.50     |
| HQS-550  | 02002002008 | 02002007008 | 220V/50Hz   | 1.5 50              | 12       | 16          | 0.55 0.75     |
| HQS-750  | 02002003008 | 02002008008 | 220V/50Hz   | 1.5 50              | 13       | 17          | 0.75 1.0      |
| HQS-1100 | 02002004008 | 02002009008 | 220V/50Hz   | 1.5 50              | 15       | 21          | 1.1 1.5       |
| HQS-1500 | 02002005008 | 02002010008 | 220V/50Hz   | 1.5 50              | 16       | 25          | 1.5 2.0       |

Package sizes: 600X235X370mm



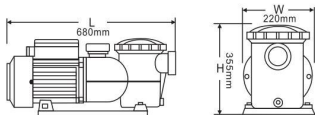
### HQ Water Pump



#### SPECIFICATIONS

| Model   | Code 50Hz   | Code 60Hz   | Voltage (v) | Port size (inch/mm) | Hmax (m) | Qmax (m³/h) | Power (KW/HP) |
|---------|-------------|-------------|-------------|---------------------|----------|-------------|---------------|
| HQ-150  | 02002001007 | 02002004007 | 220V        | 2 63                | 18       | 29          | 1.1 1.5       |
| HQ-200  | 02002002007 | 02002005007 | 220V        | 2 63                | 20       | 36          | 1.5 2.0       |
| HQ-300  | 02002003007 | 02002006007 | 220V        | 2 63                | 21       | 39          | 2.2 3.0       |
| HQ-300Q | 02002007007 | 02002010007 | 380V        | 2 63                | 22       | 40.5        | 2.2 3.0       |
| HQ-350  | 02002008007 | 02002011007 | 380V        | 2 63                | 23       | 49          | 2.6 3.5       |
| HQ-400  | 02002009007 | 02002012007 | 380V        | 2 63                | 25       | 60          | 3.0 4.0       |

Package sizes: 745X330X465mm

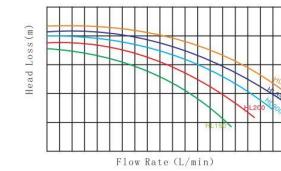


## Pump series HL/HLD Water Pump

Anti rust crust can stop water penetrating the engine. Enough power, high head, big flux and high efficient circulation. Smaller noise and run quietly. The pump cover bears high airtight preventing the leaking. The main part of the pump is made of special plastic which is anti-high or low temperature so it is durable. Convenient to handle, easy to maintain, with the supplying of spare parts.



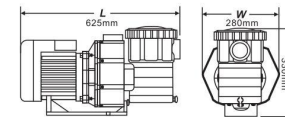
### HL Water Pump



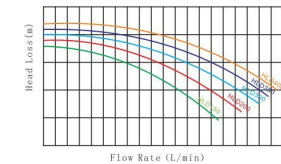
#### SPECIFICATIONS

| Model   | Code        | Voltage (v) | Port size (inch/mm) | Hmax (m) | Qmax (m³/h) | Power (KW/HP) |
|---------|-------------|-------------|---------------------|----------|-------------|---------------|
| HL-150  | 02002001009 | 220/50Hz    | 2 63                | 18       | 30          | 1.1 1.5       |
| HL-200  | 02002002009 | 220V/50Hz   | 2 63                | 19       | 35          | 1.5 2.0       |
| HL-300  | 02002003009 | 220V/50Hz   | 2 63                | 20       | 38          | 2.2 3.0       |
| HL-350  | 02002004009 | 220V/50Hz   | 2 63                | 21       | 40          | 2.6 3.5       |
| HL-300Q | 02002005009 | 380V/50Hz   | 2 63                | 20       | 38          | 2.2 3.0       |
| HL-350Q | 02002006009 | 380V/50Hz   | 2 63                | 21       | 40          | 2.6 3.5       |
| HL-400  | 02002007009 | 380V/50Hz   | 2 63                | 22       | 48          | 3.0 4.0       |

Package sizes: 690X320X470mm



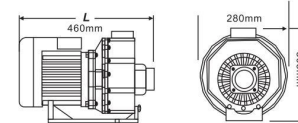
### HLD Water Pump



#### SPECIFICATIONS

| Model    | Code        | Voltage (v) | Port size (inch/mm) | Hmax (m) | Qmax (m³/h) | Power (KW/HP) |
|----------|-------------|-------------|---------------------|----------|-------------|---------------|
| HLD-150  | 02002001010 | 220V/50Hz   | 2 63                | 18       | 31          | 1.1 1.5       |
| HLD-200  | 02002002010 | 220V/50Hz   | 2 63                | 19       | 36          | 1.5 2.0       |
| HLD-300  | 02002003010 | 220V/50Hz   | 2 63                | 20       | 39          | 2.2 3.0       |
| HLD-350  | 02002004010 | 220V/50Hz   | 2 63                | 21       | 39          | 2.6 3.5       |
| HLD-300Q | 02002005010 | 380V/50Hz   | 2 63                | 20       | 39          | 2.2 3.0       |
| HLD-350Q | 02002006010 | 380V/50Hz   | 2 63                | 21       | 41          | 2.6 3.5       |
| HLD-400  | 02002007010 | 380V/50Hz   | 2 63                | 22       | 49          | 3.0 4.0       |

Package sizes: 690X300X470mm



## Pump series Cast iron Pump

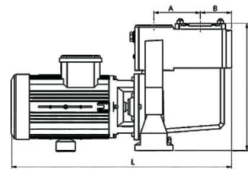
### ATS



Swimming pool casting iron pump, low energy requirement, high height performance, big flow and low noise. Main pump is made in casting iron. Long time lasting . Impeller and filter nets are steel material. Convenient to hand, easy to maintain. Spare parts available. Protect grade: IP55; Insulation Grade:F

#### SPECIFICATIONS

| Model   | Code        | Voltage (V) | Output (KW) | Port size (mm) | Weight (kg) | Length (mm) | Width (mm) | Height (mm) |
|---------|-------------|-------------|-------------|----------------|-------------|-------------|------------|-------------|
| ATS-300 | 02002001005 | 380         | 2.2         | 65             | 46          | 597         | 262        | 360         |
| ATS-400 | 02002002005 | 380         | 3.0         | 65             | 48          | 597         | 262        | 360         |
| ATS-500 | 02002003005 | 380         | 3.8         | 65             | 49          | 597         | 262        | 360         |



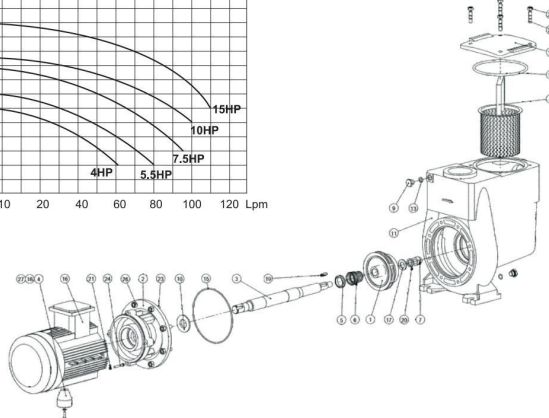
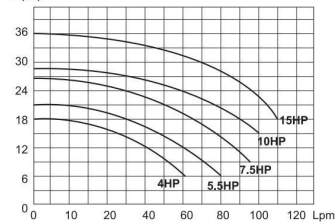
### AT



#### SPECIFICATIONS

| Model   | Code        | Voltage (V) | Output (KW) | Port size (mm) | Weight (kg) | Length (mm) | Width (mm) | Height (mm) |
|---------|-------------|-------------|-------------|----------------|-------------|-------------|------------|-------------|
| AT-400  | 02002004005 | 380         | 3.0         | 80             | 93          | 715         | 332        | 472         |
| AT-550  | 02002005005 | 380         | 4.0         | 80             | 95          | 715         | 332        | 472         |
| AT-750  | 02002006005 | 380         | 5.6         | 80             | 100         | 750         | 332        | 472         |
| AT-1000 | 02002007005 | 380         | 7.5         | 80             | 110         | 860         | 332        | 472         |
| AT-1500 | 02002008005 | 380         | 11.0        | 80             | 115         | 860         | 332        | 472         |

#### H(m) AT



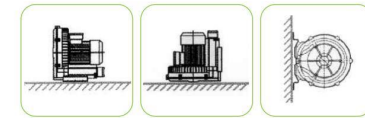
- 01 ImpeLlor
- 02 Flange
- 03 Motor Axis
- 04 Cushion E
- 05 Union
- 06 Union
- 07 Cap
- 08 Filter Union
- 09 Plug
- 10 Throw Water Ring
- 11 Body
- 12 Pump
- 13 O ring
- 14 O ring
- 15 O ring
- 16 Motor
- 17 Cushion
- 18 Cushion
- 19 Cushion
- 20 Spring Washer
- 21 Spring Washer
- 22 Plug
- 23 Plug
- 24 Plug
- 25 Cap
- 26 Cap
- 27 Bott

## Pump series Air pump



AQUA AIR PUMP

- Solids and impurities must be eliminated before entering the AQUA gas ring Vacuum pump (intake filter).
- AQUA gas ring vacuum pumps can be installed in any axial position.
- Do not obstruct the cooling system.
- Keep ventilation gratings and openings clear.
- The direction of flow is indicated by an arrow.
- Opposite direction of rotation and thus opposite direction of flow available on request.



horizontal

vertical

side wall

| Item No  | Code        | HP   | Voltage (V) | Max Pressure (Kpa) | Normal Pressure (Kpa) | Max Flow Air (m³/h) | Weight (Kg) | Length (mm) | Width (mm) | Height (mm) |
|----------|-------------|------|-------------|--------------------|-----------------------|---------------------|-------------|-------------|------------|-------------|
| APP-100  | 02002001015 | 1.0  | 220         | 16                 | 11                    | 100                 | 12.5        | 294         | 288        | 315         |
| APP-200  | 02002002015 | 2.0  | 220         | 19                 | 14                    | 150                 | 14.5        | 294         | 288        | 315         |
| APP-300  | 02002003015 | 3.0  | 220         | 25                 | 16                    | 200                 | 33          | 345         | 360        | 371         |
| APP-300  | 02002004015 | 3.0  | 380         | 32                 | 23                    | 235                 | 37          | 401         | 384        | 403         |
| APP-500  | 02002005015 | 5.0  | 380         | 35                 | 26                    | 320                 | 65          | 410         | 392        | 404         |
| APP-750  | 02002006015 | 7.5  | 380         | 42                 | 31                    | 400                 | 121         | 472         | 418        | 453         |
| APP-1000 | 02002007015 | 10.0 | 380         | 42                 | 31                    | 400                 | 121         | 472         | 418        | 453         |



MILAN AIR PUMP



| Item No. | Code        | HP   | Voltage (V) | Max Pressure (Kpa) | Normal Pressure (Kpa) | Max Flow Air (m³/h) | Weight (Kg) | Length (mm) | Width (mm) | Height (mm) |
|----------|-------------|------|-------------|--------------------|-----------------------|---------------------|-------------|-------------|------------|-------------|
| ML-100   | 02002001016 | 1.0  | 220         | 16                 | 11                    | 100                 | 12.5        | 294         | 288        | 315         |
| ML-200   | 02002002016 | 2.0  | 220         | 19                 | 14                    | 150                 | 14.5        | 294         | 288        | 315         |
| ML-300   | 02002003016 | 3.0  | 220         | 25                 | 16                    | 200                 | 33          | 345         | 360        | 371         |
| ML-100   | 02002004016 | 1.0  | 380         | 16                 | 11                    | 100                 | 12.5        | 294         | 288        | 315         |
| ML-200   | 02002005016 | 2.0  | 380         | 19                 | 14                    | 150                 | 14.5        | 294         | 288        | 315         |
| ML-300   | 02002006016 | 3.0  | 380         | 25                 | 16                    | 200                 | 33          | 345         | 360        | 371         |
| ML-500   | 02002007016 | 5.0  | 380         | 32                 | 23                    | 235                 | 37          | 401         | 384        | 403         |
| ML-750   | 02002008016 | 7.5  | 380         | 35                 | 26                    | 320                 | 65          | 410         | 392        | 404         |
| ML-1000  | 02002009016 | 10.0 | 380         | 42                 | 31                    | 400                 | 121         | 472         | 418        | 453         |

# Integrative filter system »»



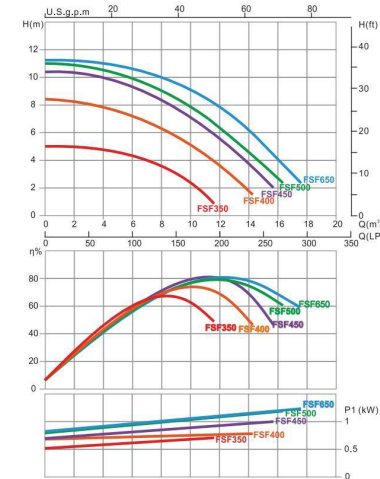
## Integrative filter system "FL" series filter system

Designed for easy set-up domestic pool, "FSF" Series filtration combo offers the right solution for home user who is looking for user-friendly and excellent filtration performance. "FSF" Series Filtration Combo includes top mount fiberglass filter tank, 6-way multiport valve, swimming pool pumps attached with base.



### Highlight Features:

- Suggested Installation: Domestic swimming pool
- Easy installation with pre-installed plumbing system and base
- Simple operation with 6-way multiport valve
- Filter structure with UV resistance material
- Max operating pressure 36psi / 2.5 bar
- Max temperature of 43-C (109-F)
- Suggested size of media: 0.5-0.8mm



Remarks: Flow curve information based on 220V/50Hz motor.

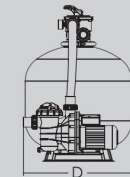
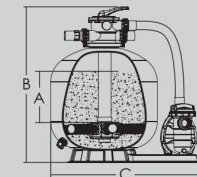
### Technical Information

| Code        | Model No  | Filter | Pump  | Valve Connections | Sand(kg) |     |
|-------------|-----------|--------|-------|-------------------|----------|-----|
| 02003001005 | FSF350-6W | V350   | SS033 | 1.5 inch          | 50mm     | 20  |
| 02003002005 | FSF400-6W | V400   | SS050 | 1.5 inch          | 50mm     | 35  |
| 02003003005 | FSF450-6W | V450   | SS075 | 1.5 inch          | 50mm     | 45  |
| 02003004005 | FSF500-6W | V500   | SC100 | 1.5 inch          | 50mm     | 85  |
| 02003005005 | FSF650-6W | V650   | SC150 | 1.5 inch          | 50mm     | 145 |

Note: Suggested sand weight varies with differences in filter media size. For reference only.

### Product Dimension

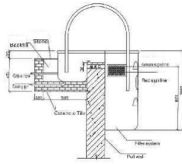
| Model No  | A mm | B mm | C mm | D mm | Max Flow Rate    |
|-----------|------|------|------|------|------------------|
| FSF350-6W | 160  | 680  | 555  | 355  | 72lpm 4.32m³/h   |
| FSF400-6W | 175  | 759  | 760  | 410  | 108lpm 6.48m³/h  |
| FSF450-6W | 210  | 813  | 760  | 455  | 135lpm 8.10m³/h  |
| FSF500-6W | 235  | 856  | 760  | 535  | 185lpm 11.10m³/h |
| FSF650-6W | 300  | 961  | 760  | 635  | 260lpm 15.60m³/h |



## Integrative filter system Intergrative Swimming Pool Filter



FN-01



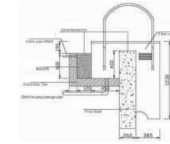
### TECHNICAL CHARACTERISTICS

| Code                | 02004001002       | 02004002002 |
|---------------------|-------------------|-------------|
| Power               | 2HP               | 3HP         |
| Flow rate           | 25m³/h            | 35m³/h      |
| Voltage             | 220V 50Hz         |             |
| Operating Noise     | ≤50Db             |             |
| Filter media        | tilter bag        |             |
| Disinfection        | sterilizer        |             |
| Ozone               | 500mg (optional)  |             |
| Efficiency          | ≤5μ               |             |
| External controller | with time         |             |
| Enclosure           | Lucite acrylic    |             |
| Installation        | wall mounting     |             |
| Dimension           | 1120x 690x 1100mm |             |

## Integrative filter system Intergrative Swimming Pool Filter



FN-04

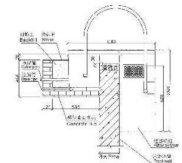


### TECHNICAL CHARACTERISTICS

| Code                | 02004007002       | 02004008002 |
|---------------------|-------------------|-------------|
| Power               | 2HP               | 3HP         |
| Flow rate           | 25m³/h            | 35m³/h      |
| Voltage             | 220V 50Hz         |             |
| Operating Noise     | ≤50Db             |             |
| Filter media        | filter bag        |             |
| Disinfection        | sterilizer        |             |
| Ozone               | 500mg (optional)  |             |
| Efficiency          | ≤5μ               |             |
| External controller | with time         |             |
| Enclosure           | plastic           |             |
| Installation        | wall mounting     |             |
| Dimension           | 1095x 705x 1230mm |             |



FN-02

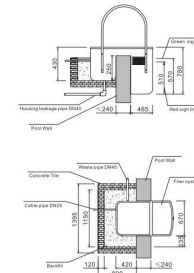


### TECHNICAL CHARACTERISTICS

| Code                | 02004003002       | 02004004002 |
|---------------------|-------------------|-------------|
| Power               | 2HP               | 3HP         |
| Flow rate           | 25m³/h            | 35m³/h      |
| Voltage             | 220V 50Hz         |             |
| operating Noise     | ≤50Db             |             |
| Filter media        | filter bag        |             |
| Disinfection        | sterilizer        |             |
| Ozone               | 500mg (optional)  |             |
| Efficiency          | ≤5μ               |             |
| External controller | with time         |             |
| Enclosure           | Fiberglass        |             |
| Installation        | wall mounting     |             |
| Dimension           | 1100x 660x 1020mm |             |



FN-05

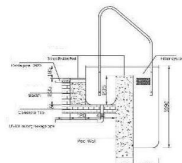


### TECHNICAL CHARACTERISTICS

| Code                        | 02004009002                             | 02004010002 | 02004011002 | 02004012002 |
|-----------------------------|---|-------------|-------------|-------------|
| Voltage                     | 220V/50Hz 220V/60Hz 220V/50Hz 220V/60Hz |             |             |             |
| Filtration Pump             | 1x1HP                                   |             | 1x1.5HP     |             |
| Flow rate                   | 10m³/h                                  |             | 15m³/h      |             |
| Precision of filtration bag | ≤5μ                                     |             |             |             |
| Operating noise             | ≤50Db                                   |             |             |             |
| Material                    | Acrylic                                 |             |             |             |
| Installation                | Wall mounting                           |             |             |             |
| Dimensions                  | 1110x 670x 780mm                        |             |             |             |
| Filtration basket with bag  | 1pc                                     |             |             |             |
| Chlorine feeder             | 1pc                                     |             |             |             |
| Light                       | 1x LED or 100W                          |             |             |             |
| Time controller             | 1pc                                     |             |             |             |
| Swim jet                    | 2pcs                                    |             |             |             |
| Handle rail (S.S.)          | 2pcs                                    |             |             |             |
| Heater (optional)           | 1pc                                     |             |             |             |
| Ozone(optional)             | 1pc                                     |             |             |             |
| Filtration system           | 1pc                                     |             |             |             |
| Disinfection system         | 1pc                                     |             |             |             |
| Time control system         | 1pc                                     |             |             |             |
| Circle system               | 1pc                                     |             |             |             |
| Lighting system             | 1pc                                     |             |             |             |



FN-03

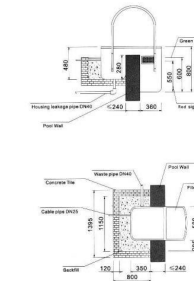


### TECHNICAL CHARACTERISTICS

| Code                | 02004005002       | 02004006002 |
|---------------------|-------------------|-------------|
| Power               | 2HP               | 3HP         |
| Flow rate           | 25m³/h            | 35m³/h      |
| Voltage             | 220V 50Hz         |             |
| operating Noise     | ≤50Db             |             |
| Filter media        | filter bag        |             |
| Disinfection        | sterilizer        |             |
| Ozone               | 500mg (optional)  |             |
| Efficiency          | ≤5μ               |             |
| External controller | with time         |             |
| Enclosure           | Lucite acrylic    |             |
| Installation        | wall mounting     |             |
| Dimension           | 1150x 710x 1090mm |             |



FN-06



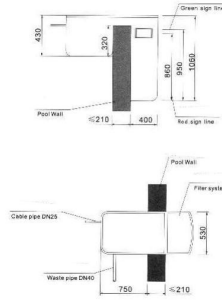
### TECHNICAL CHARACTERISTICS

| Code                        | 02004013002     | 02004014002 |
|-----------------------------|-----------------|-------------|
| Voltage                     | 220V/50Hz       | 220V/60Hz   |
| Filtration Pump             | 10m³/h          |             |
| Flow rate                   | 950x 580x 800mm |             |
| Precision of filtration bag | ≤5μ             |             |
| Operating noise             | ≤50db           |             |
| Material                    | Acrylic         |             |
| Installation                | Wall mounting   |             |
| Dimensions                  | 1HP             |             |
| Filtration basket with bag  | 1pc             |             |
| Chlorine feeder             | 1pc             |             |
| Light                       | 1x LED or 100W  |             |
| Time controller             | 1pc             |             |
| Swim jet                    | 2pcs            |             |
| Handle rail (S.S.)          | 2pcs            |             |
| Heater (optional)           | 1pc             |             |
| Ozone(optional)             | 1pc             |             |
| Filtration system           | 1pc             |             |
| Disinfection system         | 1pc             |             |
| Time control system         | 1pc             |             |
| Circle system               | 1pc             |             |
| Lighting system             | 1pc             |             |

## Integrative filter system Intergrative Swimming Pool Filter



FN-07



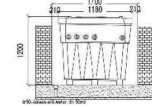
### TECHNICAL CHARACTERISTICS

|                             |                     |             |
|-----------------------------|---------------------|-------------|
| Code                        | 02004015002         | 02004016002 |
| Voltage                     | 220V / 50Hz         | 220V / 60Hz |
| Flow rate                   | 25m <sup>3</sup> /h |             |
| Dimensions                  | 1450x530x1060mm     |             |
| Precision of filtration bag | ≤5u                 |             |
| Operating noise             | ≤50Db               |             |
| Material                    | Acrylic             |             |
| Installation                | Wall mounting       |             |
| Filtration Pump             | 1x2HP               |             |
| Filtration basket with bag  | 1pc                 |             |
| Chlorine feeder             | 1pc                 |             |
| Time controller             | 1pc                 |             |
| Swim jet                    | 2pcs                |             |
| Light                       | 1xLED or 100W       |             |
| Heater (optional)           | 1pc                 |             |
| Ozone(optional)             | 1pc                 |             |
| Filtration system           | 1pc                 |             |
| Disinfection system         | 1pc                 |             |
| Time control system         | 1pc                 |             |
| Circle system               | 1pc                 |             |
| Lighting system             | 1pc                 |             |

## Integrative filter system Intergrative Swimming Pool Filter



FND-02  
Polyester fiber filter

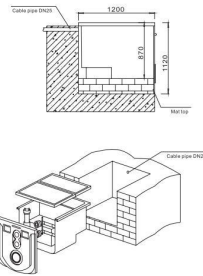


### TECHNICAL CHARACTERISTICS

|                    |                                      |
|--------------------|--------------------------------------|
| Code               | 02004003001                          |
| Power              | 2.6KW/220V                           |
| Filter type        | Polyester fiber 2x 80ft <sup>2</sup> |
| Flow rate          | 36m <sup>3</sup> /h                  |
| External Dimension | 130x1230x920mm                       |
| Disinfection       |                                      |
| Salt chlorinator   |                                      |



FN-08

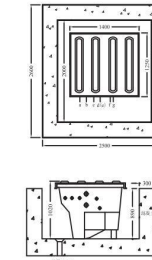


### TECHNICAL CHARACTERISTICS

|                             |                     |             |
|-----------------------------|---------------------|-------------|
| Code                        | 02004017002         | 02004018002 |
| Voltage                     | 380V / 50Hz         | 380V / 60Hz |
| Flow rate                   | 47m <sup>3</sup> /h |             |
| Dimensions                  | 1840x1500x1300mm    |             |
| Precision of filtration bag | ≤5u                 |             |
| Operating noise             | ≤50Db               |             |
| Material                    | Acrylic             |             |
| Installation                | Inground            |             |
| Filtration Pump             | 1x4HP               |             |
| Filtration basket with bag  | 8pc                 |             |
| Chlorine feeder             | 1pc                 |             |
| Light                       | 1x LED or 100W      |             |
| Time controller             | 1pc                 |             |
| Swim jet                    | 2pcs x 5"           |             |
| Handle rail (S.S.)          | 1pc                 |             |
| Heater (optional)           | 1pc                 |             |
| Ozone(optional)             | 1pc                 |             |
| Filtration system           | 1pc                 |             |
| Disinfection system         | 1pc                 |             |
| Time control system         | 1pc                 |             |
| Circle system               | 1pc                 |             |
| Lighting system             | 1pc                 |             |



FND-03  
Sand filter/ salt chlorine buried machine

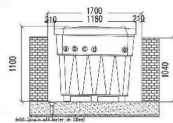


### TECHNICAL CHARACTERISTICS

|                    |                            |                     |
|--------------------|----------------------------|---------------------|
| Code               | 02004004001                | 02004005001         |
| Power              | 1HP/220V                   | 1.5HP/220V          |
| Flow rate          | 16m <sup>3</sup> /h        | 22m <sup>3</sup> /h |
| Filter type        | Sand filter φ500mm/ φ650mm |                     |
| External Dimension | 1400×1250×1020mm           |                     |
| Disinfection       | Sterilizer                 |                     |
| Salt chlorinator   | 15-50g/h (optional)        |                     |
| massage pump       | 3HP/220V                   |                     |



FND-01  
Sand filter buried machine

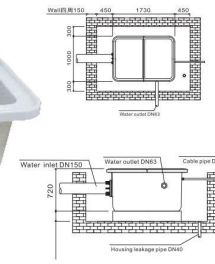


### TECHNICAL CHARACTERISTICS

|                    |                              |                     |
|--------------------|------------------------------|---------------------|
| Code               | 02004001001                  | 02004002001         |
| Power              | 1.1KW/220V                   | 1.5KW/220V          |
| Flow rate          | 16m <sup>3</sup> /h          | 20m <sup>3</sup> /h |
| Filter type        | Sand filter φ650mm/ φ700mm   |                     |
| External Dimension | 1380×1180×1100mm             |                     |
| Disinfection       | sterilizer                   |                     |
| Salt chlorinator   | 15g/h 25g/h 50g/h (optional) |                     |



FND-04  
Filter bag buried machine



### TECHNICAL CHARACTERISTICS

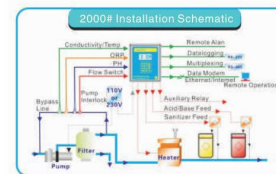
|                             |                     |             |
|-----------------------------|---------------------|-------------|
| Code                        | 02004006001         | 02004007001 |
| Voltage                     | 380V / 50Hz         | 380V / 60Hz |
| Flow rate                   | 47m <sup>3</sup> /h |             |
| Dimensions                  | 1730x1000x720mm     |             |
| Precision of filtration bag | ≤5u                 |             |
| Operating noise             | ≤50Db               |             |
| Material                    | Acrylic             |             |
| Installation                | Inground            |             |
| Filtration Pump             | 1x4HP               |             |
| Filtration basket with bag  | 8pc                 |             |
| Chlorine feeder             | 1pc                 |             |
| Time controller             | 1pc                 |             |
| Swim jet                    | 2pcs x 5"           |             |
| 6" Connection inlet         | 1pc                 |             |
| Heater (optional)           | 1pc                 |             |
| Ozone(optional)             | 1pc                 |             |
| Filtration system           | 1pc                 |             |
| Disinfection system         | 1pc                 |             |
| Time control system         | 1pc                 |             |
| Circle system               | 1pc                 |             |
| Lighting system             | 1pc                 |             |

# Pool Disinfection Series »»



Manual dosing dosage is not stable, not enough Chlorine/Bromine, bacteria, algae are easy to produce. Using automatic water quality monitor, every day power consumption less than 1 degree, no need people to dosing, and automatic control water quality, it is commercial and home use pool ideal product.

At present Market Performance Most Stable Water Quality Monitor



Item Code 02005003022  
2000#  
Monitor PH, ORP, Temperature change  
Water balance change  
Conductance detection  
Size: 230 x 290 x 150mm



Item code 02005001022  
250#  
Monitor PH, ORP  
Size: 220X180X110mm



Item code 02005002022  
255#  
Size: 220X180X100mm



RAYKEN PH · ORP Probe and probe base

### Kontrol 42

Suitable for indoor or outdoor pool, can automatic dosing and control dosage according to the machine PH or ORP figure.



| Item Model           | 02005004022   |               |
|----------------------|---|---------------|
| Test range           | PH 0-14.0<br>ORP 0-1500 mv  | K 042PRWMxxxx |
| Suitable pool volume | Indoor 1 -250m3<br>Outdoor 1-110m3  |               |
| Main board           | Double lines 16 words LCD<br>Voltage 220-240VAC 50/60HZ<br>Size: 234X162X108mm  |               |
| Shell                | Material: PP<br>Waterproof range:IP65   |               |
| Advantage            | Simple parameter setting, convenient<br>Multi-language setting<br>Time setting proportionate dosing(PWM function)<br>Locking function(Outside touch 24VDC)<br>Adjust program displays electrode quality<br>Remote alert relay<br>Double lines 16 words LCD<br>4-20mA Electric current output(isolation) |               |

Pool area data just use for evaluation and explanation.This data is calculated according special concentrate usage amount.



## Pool Disinfection Series Dosing pumps



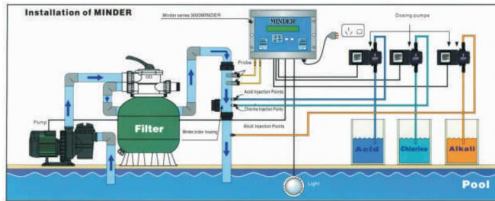
Italy SEKO Electronic metering pump

| Code        | Model | Max Pressure | Flow(L/H) | Working type  | Voltage |
|-------------|-------|--------------|-----------|---------------|---------|
| 02005001015 | 602#  | 8 bar        | 8         | Electric type | 220V    |
| 02005002015 | 903#  | 5 bar        | 45        | Electric type | 220V    |

| Code        | Model   | Max Pressure | Flow(L/H) | Working type    | Voltage |
|-------------|---------|--------------|-----------|-----------------|---------|
| 02005001014 | C-6125P | 2.1 bar      | 30        | Mechanical type | 220V    |
| 02005002014 | C-600P  | 4 bar        | 13        | Mechanical type | 220V    |



America BLUE WHITE dosing pump



### Kompact Series

Suitable for middle size indoor or outdoor pool

| Code        | Model   | Detail                                | Remark        |
|-------------|---------|---------------------------------------|---------------|
| 02005003014 | AMS 200 | Flow 5 or 3 L/H, pressure 8 or 10 bar | AMS 200NPExxx |
| 02005004014 | AMM 200 | Flow 5 or 3 L/H, pressure 8 or 10 bar | AMM 200NPExxx |

Suitable pool size: Indoor pool 5-250m<sup>3</sup>, outdoor pool 5-110m<sup>3</sup>

### Kekna Series

Suitable for middle size indoor or outdoor pool

| Model              | Code | Model  | Detail   | Remark       |
|--------------------|------|--|--|--------------|
| Simulation style   | AKS  | 02005005014  | 603 Flow 4-8 L/H, pressure 2-12 bar                                    | AKS603NHxxxx |
|                    |      | 02005006014  | 800 Flow 7-18 L/H, pressure 1-16 bar                                   | AKS800NHxxxx |
|                    |      | 02005007014  | 803 Flow 20-54 L/H, pressure 0.1-5 bar                                 | AKS803NHxxxx |
| Digital style      | TPG  | 02005008014  | 603 Flow 4-8 L/H, pressure 2-12 bar                                    | TPG603NHxxxx |
|                    |      | 02005009014  | 800 Flow 7-18 L/H, pressure 1-16 bar                                   | TPG800NHxxxx |
|                    |      | 02005010014  | 803 Flow 20-54 L/H, pressure 0.1-5 bar                                 | TPG803NHxxxx |
|                    | TPR  | 02005011014  | 603 Flow 4-8 L/H, pressure 2-12 bar                                    | TPR603NHxxxx |
|                    |      | 02005012014  | 800 Flow 7-18 L/H, pressure 1-16 bar                                   | TPR800NHxxxx |
| Suitable pool size |      | 02005013014  | 803 Flow 20-54 L/H, pressure 0.1-5 bar                                 | TPR803NHxxxx |
|                    |      | 603  | Indoor pool 150-600m <sup>3</sup> , outdoor pool 100-500m <sup>3</sup> |              |
|                    |      | 800  | Indoor pool 200-750m <sup>3</sup> , outdoor pool 150-650m <sup>3</sup> |              |
|                    | 803  | Indoor pool 300-750m <sup>3</sup> , outdoor pool 150-650m <sup>3</sup> |  |              |



## Pool Disinfection Series HO Series salt chlorinator

### Chlorinator HO Series



Power Supply

### HO Series chlorinator

Salt Chlorinators, are an alternative means of sanitizing your pool with chlorine using the process of electrolysis.

The electrolysis process is achieved by passing the salt water solution through an electrolytic cell which converts sodium chloride (salt) in the water into chlorine gas which, when dissolved in water become sodium hypochlorite (liquid chlorine).

Safe and respecting the environment, this technology brings you:

- Relaxation: Your pool is automatically disinfected
- Safety: Reduction in chlorine storage and handling
- Comfort: Clean, safe and crystal-clear water
- Health and well-being: Therapeutic, saltwater does not irritate eyes and dry out skin

### Features

1. 4 models to choose: 10, 20, 30, 40g/hr
2. Self cleaning reverse polarity
3. Quality titanium cells
4. Light transformer models
5. Maximum Working Pressure: 250kPa/36psi/2.5bar



Cell

|               |   |
|---------------|---|
| salinity      | 4000 ppm(4KGsalt/ Ton water)                                  |
| PH value      | 7.2-7.6   |
| melamine      | 40-80 ppm<br>If high temperature, it can be reached at 100ppm |
| Alkalinity    | 80-120 ppm  |
| Hardness      | less than 400 ppm   |
| free chlorine | 1-3 ppm   |

### Water faery salt chlorinator

| Code        | Model   | Production(g/h) | Use pool volume(m <sup>3</sup> ) | Packing size(cm) | G.W(KG) | Use          |
|-------------|---------|-----------------|----------------------------------|------------------|---------|--------------|
| 02005001027 | HO1-C10 | 10              | 20                               | 57×39×16         | 8       | 1 ton water  |
| 02005005027 | HO1-C20 | 20              | 50                               | 57×39×16         | 8.5     |              |
| 02005002027 | HO1-C30 | 30              | 70                               | 57×39×16         | 9       | use 4KG salt |
| 02005004027 | HO1-C40 | 40              | 100                              | 57×39×16         | 9.5     |              |

## Pool Disinfection Series Water treatment chemicals



**LB 002**  
PH reagent 22ML / bottle  
code: 02005004001



**LB 003**  
Chlorine reagent 22ML / bottle  
code: 02005006025



**LB 004**  
PH reagent 240ML / bottle  
code: 02005005001



**LB 005**  
Chlorine reagent 240ML / bottle  
code: 02005007025



**LA 019**  
Taiwan Xibo Lvba clarifying agent  
code: 02005006002



**LA 020**  
Taiwan Xibo Lvba algacide  
code: 02005004003



**LA 021**  
Taiwan Xibo Lvba water activator  
code: 02005001025



**LA 022**  
Chiba clarifying agent  
code: 020005007002



**LA 023**  
Wanxiaoling clarifying agent  
code: 02005008002



**LA 024**  
Wanxiaoling algacide  
code: 02005005003



**LA 025**  
Wanxiaoling colorant  
code: 02005008025



**LA 026**  
Wanxiaoling water activator  
code: 02005002025



**LA 027**  
Wanxiaoling non-foam  
clarifying agent  
code: 02005009002



**LA 028**  
Wanxiaoling heat  
resistant suds suppressors  
code: 02005003025



**LA 029**  
Wanxiaoling sand filter  
cleaning agent  
code: 02005002004



**LA 030**  
Wanxiaoling mosquito  
repellent  
code: 02005005025



**LA 031**  
Wanxiaoling chlorine-  
free fungicide  
code: 02005004025



**LA 032**  
Wanxiaoling ozone  
powder  
code: 02005001007



**LA 033**  
Qingshuiqing HTH  
clarifying agent  
code: 02005010002



**LA 034**  
Qingshuiqing HTH clarifying  
agent  
code: 02005006003

## Pool Disinfection Series Water quality testing products



**LB 001**  
Combo test kit (colorimeter)  
code: 02005003018

Water Quality Test combo box measurement accurate, high precision, is the preferred product of choice for many swimming pools water quality testing. It contains a colorimeter, 1 bottle of oxygen (OTO) reagents, one bottle ph reagent.

Instructions:

1. Use the pool of water in a test tube PH next to the (four-fifths of bottles of water, water, for example), dropped red ph reagent 4-5 drops, Cover and shake colorimeter (reagents and allow the full integration of water), then by comparing the color, that is, the ph value of the test. (PH value than the color card in parentheses to the standard value).

2. Use the pool of water in a test tube CL next to the (four-fifths of bottles of water, water, for example), dropped more than white OTO reagent 4-5 drops of oxygen. Cover and shake colorimeter (reagents and allow the full integration of water), then by comparing the color, that is more than the value of the oxygen being tested. (Cl color card value than the standard value in parentheses).



**LA 016**  
Algacide  
code: 02005002003



**LA 017**  
Algacide  
code: 02005003003



**LA 018**  
upper blue clarifying agent  
code: 02005005002



**LB 006**  
Germany Lovibond Scuball  
handheld pool water quality tester  
code: 02005005022



**LB 007**  
Round thermometer  
code: 02005001023



**LB 008**  
Diamond thermometer  
code: 02005002023



**LB 009**  
Electronic thermometer  
code: 02005003023



**LB 010**  
Chlorine speed measuring  
test kit (DPD method)  
code: 02005005018



**LB 011**  
Dual chlorine speed  
measuring test kit  
code: 02005006018



**LB 012**  
Normal combo test kit  
code: 02005004018



**LB 013**  
Bailingda chlorine & PH speed  
measuring test kit (DPD)  
code: 02005007018

## Pool Disinfection Series Ultraviolet light



A type: single connection, with indicator light  
4. 6T-30T out thread connection



D type: double connection with visual mirror and single cabinet (electric power indicator, fault light, time accumulation machine, flange connection, automatic cleaning price is calculated) flange connection, automatic cleaning price is calculated)



4. 6T-30T flange connection



| code       | Model       | Handle water capacity(T/H) |                                   | Lamp equipment (Power X qty) | Appearance size (mm) L*W*H | Inlet/outlet size        |
|------------|-------------|----------------------------|-----------------------------------|------------------------------|----------------------------|--------------------------|
|            |             | Clean water                | Purified water/ running water etc |                              |                            |                          |
| 0205001021 | UV-4.6TC80W | 4.6                        | 2.2                               | 3.0-4.0                      | 40W*2                      | 950*114*290 DN 25        |
| 0205002021 | UV-8TC120W  | 8                          | 4                                 | 5.0-7.0                      | 40W*3                      | 950*159*360 DN 40(1 1/2) |
| 0205003021 | UV-12TC160W | 12                         | 6                                 | 8.0-10                       | 40W*4                      | 950*180*480 DN 50(2)     |
| 0205004021 | UV-15TC200W | 15                         | 8                                 | 10.0-12                      | 40W*5                      | 950*220*550 DN 50(2)     |
| 0205005021 | UV-20TC240W | 20                         | 10                                | 15-18                        | 40W*3                      | 950*220*550 DN 65(2 1/2) |
| 0205006021 | UV-25TC320W | 25                         | 13                                | 18-22                        | 40W*4                      | 950*220*550 DN 65(2 1/2) |
| 0205007021 | UV-30TC400W | 30                         | 15                                | 22-25                        | 40W*5                      | 950*220*550 DN 80(3)     |

1. A Series can directly with filter, water dispenser and reverse osm pure water machine to equip best quality water, Luxury type with control box, electric instruction, time accumulator etc. Above tablet handle water volume is as pure water as reference, when sterilizing device handling the city tap water or living dirty water, choose the model as standard, handle water volume suggest 1.3-1.5 times or 2 times as coefficient.
2. American HANOVIA import lamp, wavelength 254nm, except human damage, using life is 10000 hours, handle and kills most bacteria, the virus up to 99%.

| code       | Model         | Handle water capacity(T/H) |                                   | Lamp equipment (Power X qty) | Appearance size (mm) L*W*H | Inlet/outlet size      |
|------------|---------------|----------------------------|-----------------------------------|------------------------------|----------------------------|------------------------|
|            |               | Clean water                | Purified water/ running water etc |                              |                            |                        |
| 0205008021 | UV-40TD480W   | 40                         | 20                                | 30-35                        | 120W*4                     | 1350*220*550 DN100(4)  |
| 0205009021 | UV-50TD600W   | 50                         | 25                                | 35-40                        | 120W*5                     | 1350*220*550 DN100(4)  |
| 0205010021 | UV-60TD720W   | 60                         | 30                                | 40-50                        | 120W*6                     | 1350*220*550 DN100(4)  |
| 0205011021 | UV-80TD960W   | 80                         | 40                                | 50-60                        | 320W*3                     | 1700*320*740 DN125(5)  |
| 0205012021 | UV-100TD1280W | 100                        | 50                                | 70-80                        | 320W*4                     | 1700*320*670 DN125(5)  |
| 0205013021 | UV-125TD1600W | 125                        | 60                                | 80-100                       | 320W*5                     | 1700*350*740 DN150(6)  |
| 0205014021 | UV-150TD1920W | 150                        | 70                                | 100-120                      | 320W*6                     | 1700*350*740 DN150(6)  |
| 0205015021 | UV-200TD2560W | 200                        | 100                               | 120-160                      | 320W*8                     | 1700*400*740 DN200(8)  |
| 0205016021 | UV-300TD3840W | 300                        | 150                               | 160-240                      | 320W*12                    | 1700*460*840 DN250(10) |

## Pool Disinfection Series Ultraviolet light

### Ozone Generator

Main application:  
Ozone generator is mainly used in medicine, water, pure water, mineral water, secondary water supply, swimming pool, aquaculture water, food and beverage industries such as water disinfection essence processing, and chemical industry, papermaking industry such as degreasing, bleaching, bleaching, for life, industry, hospital sewage treatment (sterilization, remove BOD, COD, etc.), as well as the life sewage, industrial cooling water reuse treatment, etc.



10-120g



3-5g



10-120g



| Model          | Product | Size(LxWxH)CM  | Code        | Ozone Output | Voltage   | Weight | Power |
|----------------|---------|--|-------------|--------------|-----------|--------|-------|
| HY-013         | OZONE   | 80*55*130  | 02005001020 | 80g/h        | 220V 50Hz | 40     | 1000  |
|                |         |  | 02005002020 | 100g/h       | 220V 50Hz | 60     | 1300  |
|                |         |  | 02005003020 | 120g/h       | 220V 50Hz | 65     | 1500  |
| HY-004         | OZONE   | 32*25*82   | 02005004020 | 5g/h         | 220V 50Hz | 11     | 160   |
|                |         |  | 02005005020 | 10g/h        | 220V 50Hz | 13     | 180   |
| HY-003         | OZONE   | 40*30*93   | 02005006020 | 20g/h        | 220V 50Hz | 25     | 380   |
|                |         |  | 02005007020 | 40g/h        | 220V 50Hz | 30     | 400   |
| Use gas source |         | use gas source   Oxygen generator or Bottled oxygen   gas source or use clean dry air source |             |              |           |        |       |
| Use gas source |         | oxygen source: 80-100mg/L, air source: 15-20mg/L   |             |              |           |        |       |

## Pool Disinfection Series Integrative disinfection system

### UV-03 Intergrative Disinfection System

#### System Overview

This UV-03 disinfection system is a new-type system that combines a typical ozone disinfection system with a UV disinfection system. Since UV rays of special wave length can lead to ozone activation after dissolution in water and generate electroneutral free active hydroxyl (OH), this system guarantees unexpected and satisfying performance.

#### System Structure

This system is mainly composed of:

1. Sand filter (filter material can be quartz sand, diatomite, manganese sand, or active carbon.)
2. Powerful ozone generator (ceramic electric discharge unit of extremely high working accuracy and extremely long service life)
3. Innovative heavy-caliber ejector (1.5"-3" optional)
4. Gas liquid mixer (1.5"-3" optional)
5. UV reaction tank



UV-03A



UV-03S

#### System Configuration

| System model | Code        | Water capacity (m3) | Anpu Ozone Sterilizer (g/h) | Ejector (Inch) | Mixer | Reaction tower | Remarks    |
|--------------|-------------|---------------------|-----------------------------|----------------|-------|----------------|------------|
| UV-01A       | 02005001024 | ≤30                 | 5                           | 1.5            | 2     | φ400 x 1       | Integrated |
| UV-02A       | 02005002024 | ≤60                 | 10                          | 1.5            | 2     | φ400 x 1       | Integrated |
| UV-03A       | 02005003024 | ≤120                | 20                          | 1.5            | 2     | φ400 x 1       | Integrated |
| UV-04A       | 02005004024 | ≤180                | 30                          | 2              | 2     | φ600 x 1       | Integrated |
| UV-05A       | 02005005024 | ≤300                | 50                          | 2              | 4     | φ600 x 1       | Integrated |
| UV-06A       | 02005006024 | ≤480                | 80                          | 2              | 2     | φ800 x 1       | Integrated |
| UV-07A       | 02005007024 | ≤600                | 100                         | 3              | 4     | φ800 x 1       | Detachable |
| UV-08A       | 02005008024 | ≤1200               | 200                         | 3              | 4     | φ1000 x 1      | Detachable |
| UV-09A       | 02005009024 | ≤1800               | 300                         | 3              | 8     | φ1000x 1       | Detachable |

## Pool Disinfection Series Dosing machine



Model:PCF-01

Specification: 4. 21b (1. 9kgs)  
Item code: 02005015013



Model:PCF-01A

Specification: 4. 21b (1. 9kgs)  
Item code: 02005016013



Model:PCF-02

Specification: 91b (4kgs)  
Item code: 02005017013



Model: PCF-02A

Specification: 91b (4kgs)  
Item code: 02005018013



Model: PCF-03

Specification: 4.21b (1.9kgs)  
Item code: 02005019013



Model: PCF-04

Item code: 91b (4kgs)  
Item code: 02005020013



Item: Rainbow dosing machine  
Item code: 02005001013



Model: CL-500  
Capacity : 50 pounds  
Item code: 02005011013



Model: CL-800  
Capacity : 80 pounds  
Item code: 02005012013



Model: CL-1000  
Capacity : 100 pounds  
Item code: 02005007013



FOR RESORTS & HOTELS



# Pool Light Category

## Pool Light Category Underwater Light



PLP-001 Wall mounted type pool light

| Code        | Code        | Material  | Light source type and power | Working voltage | waterproof level |
|-------------|-------------|-----------|-----------------------------|-----------------|------------------|
| 02006001018 | 02006001019 | SS 304+PC | Halogen lamp beads100-150W  | AC 12V          | IP 68            |
| 02006002018 | 02006002019 | SS 304+PC | Small power,LED144 lamps10W | AC 12V          | IP 68            |
| 02006003018 | 02006003019 | SS 304+PC | Small power,LED252 lamps18W | AC 12V          | IP 68            |
| 02006004018 | 02006004019 | SS 304+PC | Small power,LED324 lamps24W | AC 12V          | IP 68            |



PLP-001E Wall mounted type pool light

| Code        | Code        | Material  | Light source type and power | Working voltage | waterproof level |
|-------------|-------------|-----------|-----------------------------|-----------------|------------------|
| 02006005018 | 02006005019 | SS 304+PC | Big power,LED9*1W           | AC 12V          | IP 68            |
| 02006006018 | 02006006019 | SS 304+PC | Big power,LED12*1W          | AC 12V          | IP 68            |
| 02006007018 | 02006007019 | SS 304+PC | Big power,LED18*1W          | AC 12V          | IP 68            |
| 02006008018 | 02006008019 | SS 304+PC | Big power,LED18*3W          | AC 12V          | IP 68            |
| 02006009018 | 02006009019 | SS 304+PC | Big power,LED24*1W          | AC 12V          | IP 68            |



PLP-002 Wall mounted type pool light

| Code        | Code        | Material  | Light source type and power | Working voltage | waterproof level |
|-------------|-------------|-----------|-----------------------------|-----------------|------------------|
| 02006001020 | 02006001021 | SS 304+PC | Halogen lamp beads100W      | AC 12V          | IP 68            |
| 02006002020 | 02006002021 | SS 304+PC | Small power,LED96 lamps7W   | AC 12V          | IP 68            |
| 02006004020 | 02006004021 | SS 304+PC | Small power,LED144 lamps10W | AC 12V          | IP 68            |



PLP-002E Wall mounted type pool light

| Code        | Code        | Material  | Light source type and power | Working voltage | waterproof level |
|-------------|-------------|-----------|-----------------------------|-----------------|------------------|
| 02006004020 | 02006004021 | SS 304+PC | Big power LED6*1W           | AC 12V          | IP 68            |
| 02006005020 | 02006005021 | SS 304+PC | Big power LED6*3W           | AC 12V          | IP 68            |
| 02006012020 | 02006006021 | SS 304+PC | Big power LED9*1W           | AC 12V          | IP 68            |
| 02006007020 | 02006007021 | SS 304+PC | Big power LED9*3W           | AC 12V          | IP 68            |
| 02006008020 | 02006008021 | SS 304+PC | Big power LED12*1W          | AC 12V          | IP 68            |



PLP-003 Wall mounted type pool light

| Code        | Material | Light source type and power | Working voltage | waterproof level |
|-------------|----------|-----------------------------|-----------------|------------------|
| 02006007022 | ABS+UV   | Halogen lamp beads100-150W  | AC 12V          | IP 68            |
| 02006001022 | ABS+UV   | Small power,LED144 lamps10W | AC 12V          | IP 68            |
| 02006002022 | ABS+UV   | Small power,LED252 lamps18W | AC 12V          | IP 68            |
| 02006003022 | ABS+UV   | Small power,LED324 lamps24W | AC 12V          | IP 68            |



PLP-004 Wall mounted type pool light

| Code        | Material | Light source type and power | Working voltage | waterproof level |
|-------------|----------|-----------------------------|-----------------|------------------|
| 02006001023 | ABS+UV   | Halogen lamp beads100-150W  | AC 12V          | IP 68            |
| 02006002023 | ABS+UV   | Small power,LED144 lamps10W | AC 12V          | IP 68            |
| 02006003023 | ABS+UV   | Small power,LED252 lamps18W | AC 12V          | IP 68            |
| 02006004023 | ABS+UV   | Small power,LED324 lamps24W | AC 12V          | IP 68            |

## Pool Light Category Underwater Light



PLP-003E Wall mounted type pool light

| Code        | Material | Light source type and power | Working voltage | waterproof level |
|-------------|----------|-----------------------------|-----------------|------------------|
| 02006004022 | ABS+UV   | Big power.LED9*1W           | AC 12V          | IP 68            |
| 02006005022 | ABS+UV   | Big power.LED12*1W          | AC 12V          | IP 68            |
| 02006006022 | ABS+UV   | Big power.LED18*1W          | AC 12V          | IP 68            |



PLU-019C Buried type pool light

| Code        | Material | Light source type and power | Working voltage | waterproof level |
|-------------|----------|-----------------------------|-----------------|------------------|
| 02006001024 | SS304    | Halogen lamp beads100-150W  | AC 12V          | IP 68            |
| 02006002024 | SS304    | Small power.LED90 lamps6W   | AC 12V          | IP 68            |
| 02006003024 | SS304    | Small power.LED144lamps10W  | AC 12V          | IP 68            |



PLU-020F Buried type pool light

| Code        | Material | Light source type and power | Working voltage | waterproof level |
|-------------|----------|-----------------------------|-----------------|------------------|
| 02006005025 | SS304    | Big power.LED12*1W          | AC 12V          | IP 68            |
| 02006006025 | SS304    | Big power.LED12*3W          | AC 12V          | IP 68            |
| 02006007025 | SS304    | Big power.LED9*1W           | AC 12V          | IP 68            |
| 02006008025 | SS304    | Big power.LED18*1W          | AC 12V          | IP 68            |
| 02006009025 | SS304    | Big power.LED24*1W          | AC 12V          | IP 68            |



PLU-025V (C) Buried type pool light

| Code        | Material | Light source type and power  | Working voltage | waterproof level |
|-------------|----------|------------------------------|-----------------|------------------|
| 02006016032 | ABS+UV   | PAR56 Halogen lamp beads300W | AC 12V          | IP 68            |
| 02006017032 | ABS+UV   | Small power.LED144 lamps10W  | AC 12V          | IP 68            |
| 02006018032 | ABS+UV   | Small power.LED252 lamps18W  | AC 12V          | IP 68            |
| 02006019032 | ABS+UV   | Small power.LED324 lamps24W  | AC 12V          | IP 68            |



PLU-019F Buried type pool light

| Code        | Material | Light source type and power | Working voltage | waterproof level |
|-------------|----------|-----------------------------|-----------------|------------------|
| 02006004024 | SS304    | Big power.LED6*1W           | AC 12V          | IP 68            |
| 02006005024 | SS304    | Big power.LED6*3W           | AC 12V          | IP 68            |
| 02006006024 | SS304    | Big power.LED9*1W           | AC 12V          | IP 68            |
| 02006007024 | SS304    | Big power.LED9*3W           | AC 12V          | IP 68            |
| 02006008024 | SS304    | Big power.LED12*1W          | AC 12V          | IP 68            |



PLU-020 Buried type pool light

| Code        | Material | Light source type and power | Working voltage | waterproof level |
|-------------|----------|-----------------------------|-----------------|------------------|
| 02006001025 | SS304    | Halogen lamp beads 2*75W    | AC 12V          | IP 68            |
| 02006002025 | SS304    | Halogen lamp beads 2*100W   | AC 12V          | IP 68            |



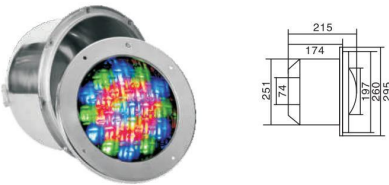
PLU-022F Buried type pool light

| Code        | Material | Light source type and power | Working voltage | waterproof level |
|-------------|----------|-----------------------------|-----------------|------------------|
| 02006005026 | ABS+UV   | Big power.LED12*1W          | AC 12V          | IP 68            |
| 02006006026 | ABS+UV   | Big power.LED18*3W          | AC 12V          | IP 68            |
| 02006007026 | ABS+UV   | Big power.LED24*1W          | AC 12V          | IP 68            |



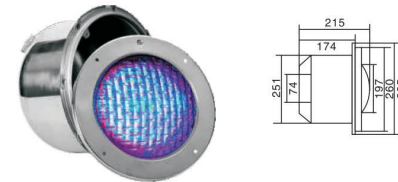
PLU-017C Buried type pool light

| Code for Plastic embedded parts | Code for Stainless steel embedded parts | Material | Light source type and power | Working voltage | waterproof level |
|---------------------------------|---|----------|-----------------------------|-----------------|------------------|
| 02006001028                     | 02006001029                             | SS304    | Halogen lamp beads100W      | AC 12V          | IP 68            |
| 02006002028                     | 02006002029                             | SS304    | Small power.LED36 lamps2.7W | AC 12V          | IP 68            |
| 02006003028                     | 02006003029                             | SS304    | Small power.LED90 lamps6W   | AC 12V          | IP 68            |



PLU-018F (B) Buried type pool light

| Code        | Material | Light source type and power | Working voltage | waterproof level |
|-------------|----------|-----------------------------|-----------------|------------------|
| 02006001042 | SS304    | Big power.LED12*1W          | AC 12V          | IP 68            |
| 02006002042 | SS304    | Big power.LED18*1W          | AC 12V          | IP 68            |
| 02006003042 | SS304    | Big power.LED24*1W          | AC 12V          | IP 68            |
| 02006004042 | SS304    | Big power.LED12*3W          | AC 12V          | IP 68            |



PLU-018E (B) Buried type pool light

| Code        | Material | Light source type and power | Working voltage | waterproof level |
|-------------|----------|-----------------------------|-----------------|------------------|
| 02006005042 | SS304    | Halogen lamp beads300W      | AC 12V          | IP 68            |
| 02006006042 | SS304    | Small power.LED144lamps10W  | AC 12V          | IP 68            |
| 02006007042 | SS304    | Small power.LED252lamps18W  | AC 12V          | IP 68            |
| 02006008042 | SS304    | Small power.LED324lamps24W  | AC 12V          | IP 68            |



PLC-017F Buried type pool light

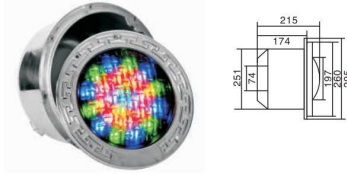
| Code for Plastic embedded parts | Code for Stainless steel embedded parts | Material | Light source type and power | Working voltage | waterproof level |
|---------------------------------|---|----------|-----------------------------|-----------------|------------------|
| 02006004028                     | 02006004029                             | SS304    | Big power.LED9*1W           | AC 12V          | IP 68            |
| 02006005028                     | 02006005029                             | SS304    | Big power.LED9*3W           | AC 12V          | IP 68            |



PLU-018C Buried type pool light

| Code        | Material | Light source type and power | Working voltage | waterproof level |
|-------------|----------|-----------------------------|-----------------|------------------|
| 02006001026 | SS304    | Halogen lamp beads300W      | AC 12V          | IP 68            |
| 02006002026 | SS304    | Small power.LED144 lamps10W | AC 12V          | IP 68            |
| 02006003026 | SS304    | Small power.LED252 lamps18W | AC 12V          | IP 68            |
| 02006004026 | SS304    | Small power.LED324 lamps24W | AC 12V          | IP 68            |

## Pool Light Category Underwater Light



PLU-018F Buried type pool light

| Code        | Material | Light source type and power | Working voltage | waterproof level |
|-------------|----------|-----------------------------|-----------------|------------------|
| 02006001030 | SS304    | Big powerLED12*1W           | AC 12V          | IP 68            |
| 02006002030 | SS304    | Big powerLED12*3W           | AC 12V          | IP 68            |
| 02006003030 | SS304    | Big powerLED18*1W           | AC 12V          | IP 68            |
| 02006004030 | SS304    | Big powerLED24*1W           | AC 12V          | IP 68            |



PLU-011 Buried type pool light

| Code        | Material | Light source type and power | Working voltage | waterproof level |
|-------------|----------|-----------------------------|-----------------|------------------|
| 02006005030 | SS304    | Halogen lamp beads30-50W    | AC 12V          | IP 68            |
| 02006006030 | SS304    | Big powerLED3*1W            | AC 12V          | IP 68            |
| 02006007030 | SS304    | Big powerLED3*3W            | AC 12V          | IP 68            |



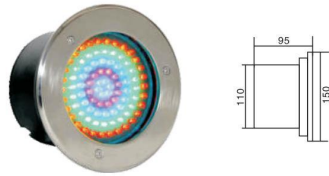
PLU-025V ( F ) Buried type pool light

| Code        | Material | Light source type and power | Working voltage | waterproof level |
|-------------|----------|-----------------------------|-----------------|------------------|
| 02006020032 | ABS+UV   | Big powerLED12*1W           | AC 12V          | IP 68            |
| 02006021032 | ABS+UV   | Big powerLED18*1W           | AC 12V          | IP 68            |
| 02006022032 | ABS+UV   | Big powerLED24*1W           | AC 12V          | IP 68            |



PLU-012 Buried type pool light

| Code        | Material | Light source type and power | Working voltage | waterproof level |
|-------------|----------|-----------------------------|-----------------|------------------|
| 02006001033 | SS304    | Big powerLED1W              | AC 12V          | IP 68            |
| 02006012033 | SS304    | Big powerLED3W              | AC 12V          | IP 68            |



PLU-016C Buried type pool light

| Code        | Material | Light source type and power | Working voltage | waterproof level |
|-------------|----------|-----------------------------|-----------------|------------------|
| 02006008030 | SS304    | Small powerLED90 lamps8W    | AC 12V          | IP 68            |



PLU-016F Buried type pool light

| Code        | Material | Light source type and power | Working voltage | waterproof level |
|-------------|----------|-----------------------------|-----------------|------------------|
| 02006009030 | SS304    | Big powerLED6*1W            | AC 12V          | IP 68            |
| 02006010030 | SS304    | Big powerLED9*1W            | AC 12V          | IP 68            |
| 02006011030 | SS304    | Big powerLED12*1W           | AC 12V          | IP 68            |



PLU-023C Buried type pool light

| Item code stainless steel cover | Item code Plastic cover | Material | Light source type and power  | Working voltage | waterproof level |
|---------------------------------|-------------------------|----------|------------------------------|-----------------|------------------|
| 02006005032                     | 02006001035             | ABS+UV   | PAR 56Halogen lamp beads300W | AC 12V          | IP 68            |
| 02006006032                     | 02006002035             | ABS+UV   | Small powerLED144 lamps10W   | AC 12V          | IP 68            |
| 02006007032                     | 02006003035             | ABS+UV   | Small powerLED252lamps18W    | AC 12V          | IP 68            |
| 02006015032                     | 02006004035             | ABS+UV   | Small powerLED324lamps24W    | AC 12V          | IP 68            |



PLU-023F Buried type pool light

| Item code stainless steel cover | Item code Plastic cover | Material | Light source type and power | Working voltage | waterproof level |
|---------------------------------|-------------------------|----------|-----------------------------|-----------------|------------------|
| 02006005034                     | 02006005035             | ABS+UV   | Big power LED12*1W          | AC 12V          | IP 68            |
| 02006006034                     | 02006006035             | ABS+UV   | Big powerLED18*1W           | AC 12V          | IP 68            |
| 02006007034                     | 02006007035             | ABS+UV   | Big powerLED24*1W           | AC 12V          | IP 68            |



PLU-025C ( B ) Buried type pool light

| Code        | Material | Light source type and power  | Working voltage | waterproof level |
|-------------|----------|------------------------------|-----------------|------------------|
| 02006001032 | ABS+UV   | PAR 56Halogen lamp beads300W | AC 12V          | IP 68            |
| 02006002032 | ABS+UV   | Small powerLED144 lamps10W   | AC 12V          | IP 68            |
| 02006003032 | ABS+UV   | Small powerLED252lamps18W    | AC 12V          | IP 68            |
| 02006004032 | ABS+UV   | Small powerLED324lamps24W    | AC 12V          | IP 68            |



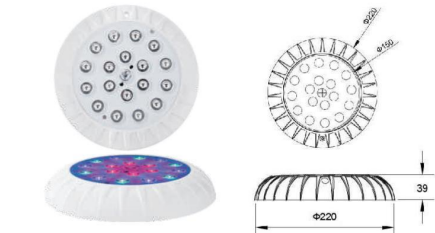
PLU-025F Buried type pool light

| Code        | Material | Light source type and power | Working voltage | waterproof level |
|-------------|----------|-----------------------------|-----------------|------------------|
| 02006005032 | ABS+UV   | Big powerLED12*1W           | AC 12V          | IP 68            |
| 02006006032 | ABS+UV   | Big powerLED18*1W           | AC 12V          | IP 68            |
| 02006007032 | ABS+UV   | Big powerLED24*1W           | AC 12V          | IP 68            |
| 02006015032 | ABS+UV   | Big powerLED12*3W           | AC 12V          | IP 68            |



PLU-025V Buried type pool light

| Code        | Material | Light source type and power  | Working voltage | waterproof level |
|-------------|----------|------------------------------|-----------------|------------------|
| 02006008032 | ABS+UV   | PAR56 Halogen lamp beads300W | AC 12V          | IP 68            |
| 02006009032 | ABS+UV   | Small powerLED144 lamps10W   | AC 12V          | IP 68            |
| 02006010032 | ABS+UV   | Small powerLED252lamps18W    | AC 12V          | IP 68            |
| 02006011032 | ABS+UV   | Small powerLED324lamps24W    | AC 12V          | IP 68            |
| 02006012032 | ABS+UV   | Big powerLED12*1W            | AC 12V          | IP 68            |
| 02006013032 | ABS+UV   | Big powerLED18*1W            | AC 12V          | IP 68            |
| 02006014032 | ABS+UV   | Big powerLED24*1W            | AC 12V          | IP 68            |



FL8002H Wall mount type LED pool light

| Code        | Material | Light source type and power | Lightingpower(W) | waterproof level |
|-------------|----------|-----------------------------|------------------|------------------|
| 02006001047 | ABS+UV   | Big powerLED12*1W           | 12               | IP 68            |
| 02006002047 | ABS+UV   | Big powerLED18*1W           | 18               | IP 68            |
| 02006003047 | ABS+UV   | Big powerLED18*3W           | 35               | IP 68            |







FOR RESORTS & HOTELS

# Water Heating/ Cooling/Dehumidity Series >>>

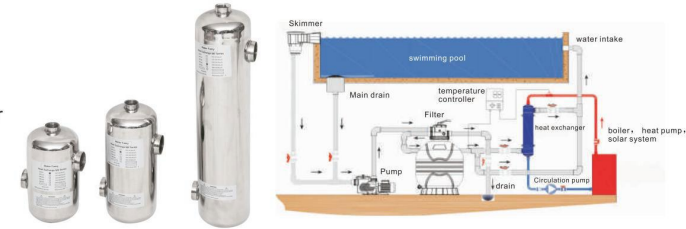


## Water Heating/Cooling/Dehumidity Series "3T" Energy-efficient energy exchanger

### Installation

#### Test pressure

Pool Water circuit: 10 Bar  
hot water circuit: 5 Bar



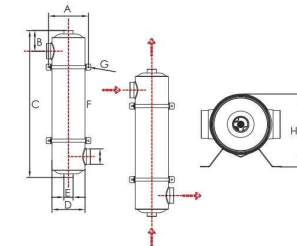
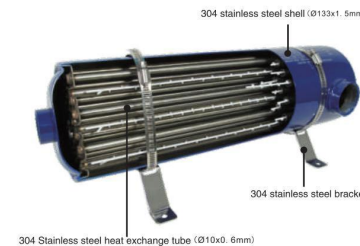
### Products Size

| code stainless steel | model  | A     | B    | C      | D      | E    | F    | G    | H     |
|----------------------|--------|-------|------|--------|--------|------|------|------|-------|
| 02007001003          | MF 80  | 160mm | 75mm | 292mm  | Φ133mm | 1"   | 1.5" | Φ6mm | 165mm |
| 02007002003          | MF 135 | 160mm | 75mm | 355mm  | Φ133mm | 1"   | 1.5" | Φ6mm | 165mm |
| 02007003003          | MF 200 | 160mm | 75mm | 485mm  | Φ133mm | 1"   | 1.5" | Φ6mm | 165mm |
| 02007004003          | MF 260 | 160mm | 85mm | 613mm  | Φ133mm | 1"   | 2"   | Φ6mm | 165mm |
| 02007005003          | MF 400 | 160mm | 85mm | 1070mm | Φ133mm | 1.5" | 2"   | Φ6mm | 165mm |



### Technical Parameters

| code Spray paint/black | model  | Power |        | weight | hot water flow (L/ min) | Pool flow (L/ min) |
|------------------------|--------|-------|--------|--------|-------------------------|--------------------|
|                        |        | kW    | kBtu/h | kg     |                         |                    |
| 02007006003            | MF 80  | 28    | 28     | 3.5    | 18                      | 150                |
| 02007007003            | MF 135 | 40    | 135    | 4.0    | 25                      | 200                |
| 02007008003            | MF 200 | 60    | 200    | 5.2    | 30                      | 250                |
| 02007009003            | MF 260 | 75    | 260    | 6.4    | 35                      | 300                |
| 02007010003            | MF 400 | 120   | 400    | 10.9   | 50                      | 360                |



## Water Heating/Cooling/Dehumidity Series Plate heat exchanger



### Products brief

The plate heat exchanger is composed of a series of metal plates with corrugated switches. It is a new type of high efficiency heat exchanger. A thin rectangular channel is formed between various plates and the heat exchanger is carried out through the plates.

### Products principle

The controller controls the boiler switch and load regulation. A portion of the pool water is pumped through the pump and the bypass valve is used to regulate the flow of the pool water through the plate heat exchanger to allow it to warm up to 27-30°C. The chlorination treatment device is arranged on the rear side of the plate heat exchanger to avoid high chloride concentration in the water flowing into the plate heat exchanger.

### Model

Need heating 12 hours first time

| Code        | Model     | Capacity (m³) | Power (KW) | Heat source energy (m³/h) | Total heat transfer area (m²) | Interface diameter (mm) | Size (mm) |     |     | Packing size (mm) |     |     | G.W. (kg) |
|-------------|-----------|---------------|------------|---------------------------|-------------------------------|-------------------------|-----------|-----|-----|-------------------|-----|-----|-----------|
|             |           |               |            |                           |                               |                         | A         | B   | C   | E                 | F   | G   |           |
| 02007001004 | BSH25-1.5 | 100           | 214        | 9                         | 1.5                           | 25                      | 275       | 185 | 480 | 295               | 205 | 500 | 42        |
| 02007002004 | BSH40S-3  | 200           | 428        | 18                        | 3                             | 40                      | 305       | 240 | 550 | 325               | 260 | 570 | 59        |
| 02007003004 | BSH50S-5  | 400           | 856        | 37                        | 5                             | 50                      | 485       | 320 | 870 | 505               | 340 | 890 | 170       |
| 02007004004 | BSH50S-6  | 500           | 1070       | 46                        | 6                             | 60                      | 595       | 420 | 977 | 615               | 440 | 977 | 270       |
| 02007005004 | BSH50S-9  | 800           | 1690       | 73                        | 9                             | 80                      | 599       | 420 | 977 | 619               | 440 | 977 | 288       |
| 02007006004 | BSH80A-11 | 1000          | 2114       | 91                        | 11                            | 80                      | 615       | 420 | 977 | 635               | 440 | 977 | 302       |
| 02007007004 | BSH80A-12 | 1200          | 2356       | 109                       | 12                            | 80                      | 723       | 420 | 977 | 743               | 440 | 977 | 309       |



titanium sheet



Chlorine rubber

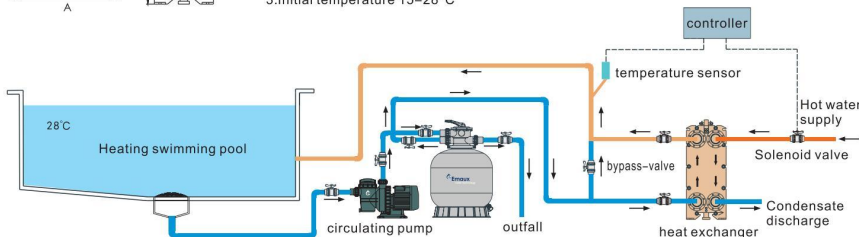
Need heating 24 hours first time

| Code        | Model     | Capacity (m³) | Power (KW) | Heat source energy (m³/h) | Total heat transfer area (m²) | Interface diameter (mm) | Size (mm) |     |      | Packing size (mm) |     |      | G.W. (kg) |
|-------------|-----------|---------------|------------|---------------------------|-------------------------------|-------------------------|-----------|-----|------|-------------------|-----|------|-----------|
|             |           |               |            |                           |                               |                         | A         | B   | C    | E                 | F   | G    |           |
| 02007001005 | BSA25-1   | 100           | 127        | 5                         | 1                             | 25                      | 265       | 185 | 480  | 285               | 205 | 500  | 42        |
| 02007002005 | BSA40S-2  | 200           | 254        | 11                        | 2                             | 40                      | 295       | 240 | 550  | 315               | 260 | 570  | 53        |
| 02007003005 | BSA40S-3  | 400           | 507        | 22                        | 3                             | 40                      | 305       | 240 | 550  | 325               | 340 | 890  | 59        |
| 02007004005 | BSA40S-4  | 500           | 634        | 27                        | 4                             | 50                      | 466       | 320 | 870  | 496               | 340 | 890  | 163       |
| 02007005005 | BSA50S-5  | 800           | 994        | 43                        | 5                             | 50                      | 485       | 320 | 870  | 505               | 440 | 977  | 169       |
| 02007006005 | BSA50S-6  | 1000          | 1242       | 53                        | 6                             | 60                      | 595       | 420 | 977  | 615               | 440 | 977  | 270       |
| 02007007005 | BSA50S-7  | 1200          | 1490       | 64                        | 7                             | 80                      | 625       | 420 | 977  | 645               | 440 | 977  | 277       |
| 02007008005 | BSA80A-11 | 1800          | 2194       | 94                        | 11                            | 80                      | 615       | 420 | 977  | 635               | 440 | 977  | 302       |
| 02007009005 | BSA80A-12 | 2000          | 2438       | 105                       | 12                            | 80                      | 723       | 420 | 977  | 743               | 440 | 977  | 309       |
| 02007010005 | BSA80A-16 | 2500          | 2951       | 127                       | 16                            | 80                      | 739       | 420 | 1150 | 759               | 440 | 1170 | 256       |

### Note:

When selecting plate heat exchanger according to the above table, the following conditions, such as environment temperature, heat source temperature and heating temperature, need to be satisfied, if not, need to choose again.

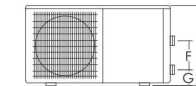
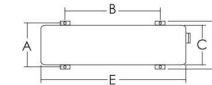
1. Heat resource need between 70°C to 90°C
2. For indoor pool use only, ambient temperature must not be less than 5°C
3. Initial temperature 15-28°C



## Water Heating/Cooling/Dehumidity Series B series Heat pump

### Performance characteristics

The heat pump heats the pool by absorbing heat from the air, thus achieving a high energy efficiency of 500%. Compared to electric heaters, it saves 80% of operating costs and provides a long life. The heat pump is made of PVC and titanium tubes and can touch the swimming pool water for a long time. Easy to operate, turn on the power and set the desired temperature. It is equipped with a microcomputer controller and can set its own operating parameters. The corresponding operating status is directly displayed on the LED panel.



| Model                 | 1.5HPB             | 2HPB        | 3HPB        | 5HPB        |
|-----------------------|--------------------|-------------|-------------|-------------|
| Code                  | 02007011006        | 02007012006 | 02007013006 | 02007014006 |
| Rated output heat     | W                  | 5600        | 7800        | 9500        |
|                       | BTU                | 18000       | 26500       | 32500       |
| Power input           | W                  | 1083        | 1625        | 1938        |
|                       | A                  | 5           | 7.5         | 9.2         |
| Rated output cooling  | W                  | 3200        | 4800        | 5900        |
|                       | BTU                | 11000       | 16500       | 20000       |
| Input power           | W                  | 1030        | 1550        | 1910        |
|                       | A                  | 4.7         | 7.4         | 9.1         |
| Operating current     | 9.1                |             |             |             |
| Power supply          | 220V/1PH/50HZ      |             |             |             |
| Controller            | Electronic control |             |             |             |
| Condenser             | Titanium tube      |             |             |             |
| Number of compressors | 1                  | 1           | 1           | 1           |
| Compressors           | rotary type        |             |             |             |
| Number of fan         | 1                  | 1           | 1           | 1           |
| Fan input power       | W                  | 30          | 25          | 40          |
| Fan speed             | RPM                | 900         | 900         | 900         |
| Level of noise        | Db(A)              | 48          | 48          | 48          |
| Coupling              | mm                 | 1.5"        | 1.5"        | 1.5"        |
| Flow                  | m³/h               | 2-4         | 3-5         | 4-7         |
| Water pressure        | kpa                | 12          | 12          | 15          |
| Machine size          | L                  | 936         | 936         | 1010        |
|                       | W mm               | 360         | 360         | 370         |
| H                     | 550                | 550         | 615         |             |
| Packing size          | L                  | 1050        | 1050        | 1130        |
|                       | W mm               | 400         | 400         | 410         |
| H                     | 600                | 600         | 660         |             |
| Weight                | N.W                | 43          | 50          | 61          |
|                       | G.W.               | 49          | 56          | 67          |

### Testing temperature

Heat: Dry bulb temperature 24°C, wet bulb temperature 19°C, inlet water temperature 27°C  
Cooling: dry bulb temperature 35°C, wet bulb temperature 24°C, inlet water temperature 27°C

| Model  | size (mm) |     |     |     |      |     |    |     |
|--------|-----------|-----|-----|-----|------|-----|----|-----|
|        | A         | B   | C   | D   | E    | F   | G  | H   |
| HP5.6B | 330       | 680 | 280 | 360 | 936  | 220 | 81 | 550 |
| HP7.8B | 330       | 880 | 280 | 360 | 936  | 250 | 81 | 550 |
| HP9.5B | 340       | 643 | 300 | 370 | 1010 | 270 | 81 | 615 |
| HP14B  | 440       | 760 | 420 | 470 | 1110 | 320 | 81 | 700 |

### Pool Heat Pump (FANLAN)



| Model No.                     | LSQ03RP     | LSQ05RP      | LSQ10RP       | LSQ15RP       |
|-------------------------------|-------------|--------------|---------------|---------------|
| Code                          | 02007015006 | 02007016006  | 02007017006   | 02007018006   |
| Rated outlet water temp(°C)   | 27°C        |              |               |               |
| Maximum outlet water temp(°C) | 60°C        |              |               |               |
| Heating capacity (KW)         | 14          | 27           | 46            | 57            |
| Power input (KW)              | 2.8         | 4.68         | 9.3           | 11.4          |
| Power supply (V)              | 220V/HZ     | 380V/HZ      | 380V/HZ       | 380V/HZ       |
| Pipe size (inch)              | 2"          | 2"           | 2"            | 2"            |
| Dimension(mm) LxWxH           | 750x690x870 | 750x690x1060 | 1484x730x1060 | 1420x725x1365 |
| Ambient air range(°C)         | -10°C-50°C  |              |               |               |
| Weight (kg)                   | 100         | 180          | 280           | 360           |

## Water Heating/Cooling/Dehumidity Series A series Heat Pump

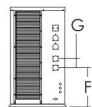
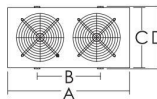
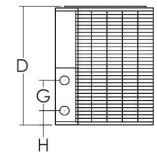
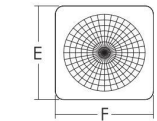


### Performance characteristics

The heat pump heats the pool by absorbing heat from the air, thus achieving a high energy efficiency of 500%. Compared to electric heaters, it saves 80% of operating costs and provides a long life. The heat pump is made of PVC and titanium tubes and can touch the swimming pool water for a long time. Easy to operate, turn on the power and set the desired temperature. It is equipped with a microcomputer controller and can set its own operating parameters. The corresponding operating status is directly displayed on the LED panel.

### Testing temperature

Heat: Dry bulb temperature 24°C, wet bulb temperature 19°C, inlet water temperature 27°C  
Cooling: dry bulb temperature 35°C, wet bulb temperature 24°C, inlet water temperature 27°C



| Model                 | 10HPA              | 15HPA       | 20HPA       | 25HPA         | 30HPA       | 35HPA       | 50HPA       |
|-----------------------|--------------------|-------------|-------------|---------------|-------------|-------------|-------------|
| Code                  | 02007004006        | 02007005006 | 02007006006 | 02007007006   | 02007008006 | 02007009006 | 02007010006 |
| Rated output heat     | W                  | 14000       | 17000       | 21000         | 21000       | 26000       | 50000       |
|                       | BTU                | 48000       | 56000       | 73000         | 73000       | 90000       | 170000      |
| Power input           | W                  | 2880        | 3500        | 4250          | 4250        | 5300        | 10300       |
|                       | A                  | 13.3        | 16.1        | 21.3          | 7.8         | 9.5         | 6.3*2       |
| Rated output cooling  | W                  | 8600        | 10300       | 13500         | 13500       | 16000       | 29000       |
|                       | BTU                | 29300       | 35200       | 46000         | 46000       | 55000       | 100000      |
| Input power           | W                  | 2980        | 3600        | 4650          | 4650        | 5730        | 9600        |
|                       | A                  | 13.8        | 16.9        | 25.1          | 8.4         | 10.1        | 7.9*2       |
| Power supply          | 220V/1PH/50HZ      |             |             | 380V/3PH/50HZ |             |             |             |
| Controller            | Electronic control |             |             |               |             |             |             |
| Condenser             | Titanium tube      |             |             |               |             |             |             |
| Number of compressors | 1                  | 1           | 1           | 1             | 1           | 2           | 2           |
| Compressors           | scroll type        |             |             |               |             |             |             |
| Number of fan         | 1                  | 1           | 1           | 1             | 1           | 2           | 2           |
| Fan input power       | W                  | 160         | 160         | 160           | 160         | 160         | 160*2       |
|                       | RPM                | 830         | 830         | 830           | 830         | 830         | 830         |
| Level of noise        | Db(A)              | 58          | 58          | 58            | 58          | 58          | 58          |
| Coupling              | mm                 | 1.5"        | 1.5"        | 1.5"          | 1.5"        | 2.0"        | 2.0"        |
| Flow                  | m³/h               | 5-8         | 5-8         | 6-10          | 6-10        | 6-12        | 8-15        |
| Water pressure        | kpa                | 15          | 16          | 16            | 16          | 16          | 18          |
| Machine size          | L                  | 660         | 660         | 660           | 660         | 660         | 1448        |
|                       | W                  | 660         | 660         | 660           | 660         | 660         | 730         |
|                       | H                  | 860         | 960         | 960           | 960         | 960         | 1080        |
| Packing size          | L                  | 760         | 760         | 760           | 760         | 760         | 1530        |
|                       | W                  | 710         | 710         | 710           | 710         | 710         | 830         |
|                       | H                  | 990         | 1090        | 1090          | 1090        | 1090        | 1220        |
| Weight                | N.W                | 83          | 99          | 97            | 100         | 100         | 216         |
|                       | G.W                | 97          | 114         | 104           | 115         | 115         | 248         |

| Model | size (mm) |     |     |     |      |     |     |
|-------|-----------|-----|-----|-----|------|-----|-----|
|       | A         | B   | C   | D   | E    | F   | G   |
| HP35A | 1450      | 690 | 700 | 730 | 1280 | 400 | 135 |
| HP50A | 1450      | 690 | 700 | 730 | 1280 | 400 | 135 |

| Model | size (mm) |     |     |     |     |
|-------|-----------|-----|-----|-----|-----|
|       | D         | E   | G   | F   | H   |
| HP14A | 860       | 660 | 320 | 660 | 100 |
| HP17A | 960       | 660 | 320 | 660 | 100 |
| HP21A | 960       | 660 | 320 | 660 | 100 |
| HP26A | 960       | 660 | 320 | 660 | 100 |

## Water Heating/Cooling/Dehumidity Series Water Heater



### DESCRIPTION

Coates Spa Heaters are intended for use on spas or hot tubs having a forced water circulation system.

The water flow through the heater should be at least 15 GPM but should not exceed 70GPM. Higher flow may damage the heater.

### Rotary type water heater



5.5KW-18KW



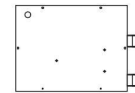
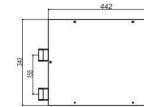
24KW-36KW



45KW-60KW

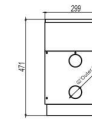
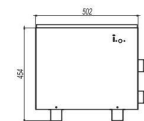
### Rotary water heater parameter

| Code        | Item No. | Voltage (V) | Power (KW) | Length (mm) | Width (mm) | Height (mm) |
|-------------|----------|-------------|------------|-------------|------------|-------------|
| 02007001001 | H-55     | 220         | 5.5        | 490         | 100        | 380         |
| 02007002001 | H-55     | 380         | 5.5        | 490         | 100        | 380         |
| 02007004001 | H-90     | 220         | 9          | 490         | 100        | 380         |
| 02007003001 | H-90     | 380         | 9          | 490         | 100        | 380         |
| 02007005001 | H-110    | 220         | 11         | 490         | 100        | 380         |
| 02007006001 | H-110    | 380         | 11         | 490         | 100        | 380         |
| 02007007001 | H-150    | 220         | 15         | 490         | 100        | 380         |
| 02007008001 | H-150    | 380         | 15         | 490         | 100        | 380         |
| 02007009001 | H-180    | 220         | 18         | 490         | 100        | 380         |
| 02007010001 | H-180    | 380         | 18         | 490         | 100        | 380         |



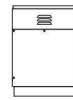
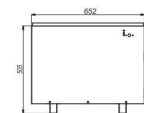
### Rotary water heater parameter

| Code        | Item No. | Voltage (V) | Power (KW) | Length (mm) | Width (mm) | Height (mm) |
|-------------|----------|-------------|------------|-------------|------------|-------------|
| 02007011001 | H-240    | 380         | 24         | 550         | 330        | 470         |
| 02007012001 | H-270    | 380         | 27         | 550         | 330        | 470         |
| 02007013001 | H-300    | 380         | 30         | 550         | 330        | 470         |
| 02007014001 | H-360    | 380         | 36         | 550         | 330        | 470         |



### Rotary water heater parameter

| Code        | Item No. | Voltage (V) | Power (KW) | Length (mm) | Width (mm) | Height (mm) |
|-------------|----------|-------------|------------|-------------|------------|-------------|
| 02007015001 | H-450    | 380         | 45         | 730         | 400        | 530         |
| 02007016002 | H-540    | 380         | 54         | 730         | 400        | 530         |
| 02007017002 | H-600    | 380         | 60         | 730         | 400        | 530         |



## Water Heating/Cooling/Dehumidity Series Water Heater



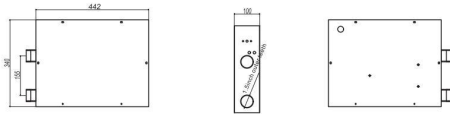
Digital type water heater



5.5KW-18KW

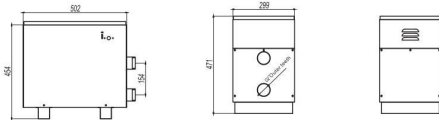
Digital water heater parameter

| Code        | Item No. | Voltage (V) | Power (KW) | Length (mm) | Width (mm) | Height (mm) |
|-------------|----------|-------------|------------|-------------|------------|-------------|
| 02007001002 | HL-55    | 220         | 5.5        | 490         | 100        | 380         |
| 02007002002 | HL-55    | 380         | 5.5        | 490         | 100        | 380         |
| 02007004002 | HL-90    | 220         | 9          | 490         | 100        | 380         |
| 02007003002 | HL-90    | 380         | 9          | 490         | 100        | 380         |
| 02007005002 | HL-110   | 220         | 11         | 490         | 100        | 380         |
| 02007006002 | HL-110   | 380         | 11         | 490         | 100        | 380         |
| 02007007002 | HL-150   | 220         | 15         | 490         | 100        | 380         |
| 02007008002 | HL-150   | 380         | 15         | 490         | 100        | 380         |
| 02007009002 | HL-180   | 220         | 18         | 490         | 100        | 380         |
| 02007010002 | HL-180   | 380         | 18         | 490         | 100        | 380         |



Digital water heater parameter

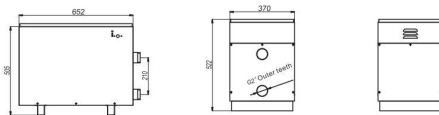
| Code        | Item No. | Voltage (V) | Power (KW) | Length (mm) | Width (mm) | Height (mm) |
|-------------|----------|-------------|------------|-------------|------------|-------------|
| 02007011002 | HL-240   | 380         | 24         | 550         | 330        | 470         |
| 02007012002 | HL-270   | 380         | 27         | 550         | 330        | 470         |
| 02007013002 | HL-300   | 380         | 30         | 550         | 330        | 470         |
| 02007014002 | HL-360   | 380         | 36         | 550         | 330        | 470         |



24KW-36KW

Digital water heater parameter

| Code        | Item No. | Voltage (V) | Power (KW) | Length (mm) | Width (mm) | Height (mm) |
|-------------|----------|-------------|------------|-------------|------------|-------------|
| 02007015002 | HL-450   | 380         | 45         | 730         | 400        | 530         |
| 02007016002 | HL-540   | 380         | 54         | 730         | 400        | 530         |
| 02007017002 | HL-600   | 380         | 60         | 730         | 400        | 530         |



45KW-60KW

## Water Heating/Cooling/Dehumidity Series Chillers



Chiller, ice steamer

“COPELAND” us brand compressor  
Advantage: Good cooling effect, Long service life

| Code        | Item No. | HP | Voltage(V) | Power (KW) | Length (mm) | Width (mm) | Height (mm) |
|-------------|----------|----|------------|------------|-------------|------------|-------------|
| 02008001001 | JL-200   | 2  | 220        | 1.5        | 930         | 650        | 960         |
| 02008002001 | JL-300   | 3  | 380        | 2.2        | 930         | 650        | 960         |
| 02008003001 | JL-500   | 5  | 380        | 3.8        | 1250        | 650        | 1080        |
| 02008004001 | JL-800   | 8  | 380        | 6.0        | 1450        | 800        | 1600        |



Test standard: Heat: Air humidity 15°C, wet 27°C  
Cooling: air humidity 42°C, wet 27°C

FANLAN Chiller X series

| Code        | HP   | Voltage (V) | Power (KW) | Length (mm)         | Width (mm) | Height (mm) |
|-------------|------|-------------|------------|---------------------|------------|-------------|
| 02008001002 | 2HP  | 220V        | 1.5KW      | 900 × 650 × 990mm   |            |             |
| 02008002002 | 3HP  | 380V        | 2.2KW      | 900 × 650 × 990mm   |            |             |
| 02008003002 | 5HP  | 380V        | 3.8KW      | 1250 × 600 × 1050mm |            |             |
| 02008004002 | 8HP  | 380V        | 5.8KW      | 1450 × 750 × 1600mm |            |             |
| 02008005002 | 10HP | 380V        | 7.5KW      | 1450 × 750 × 1600mm |            |             |
| 02008006002 | 15HP | 380V        | 11.0KW     | 2000 × 800 × 1600mm |            |             |





FOR RESORTS & HOTELS



Swimming pool fitting >>>

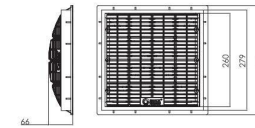


## Swimming pool fitting Main drain

Finlin's new main drain complies with the ANSI/APSP-16 2011 standard and the Virginia Graeme Baker Pool and Spa safety standard and is of reliable quality. The main drain uses a high quality ABS material that is resistant to corrosion and UV light.

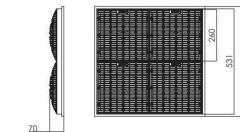
### Main drain

| Code        | model  | color | material | flow(L/M) | description            |
|-------------|--------|-------|----------|-----------|------------------------|
| 02010013022 | EM2813 | white | ABS      | 900       | For concrete for vinyl |



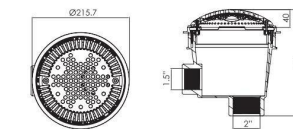
### Main drain

| Code        | model  | color | material             | flow(L/M) | description            |
|-------------|--------|-------|----------------------|-----------|------------------------|
| 02010014022 | EM2816 | white | ABS with SS316 frame | 3600      | For concrete for vinyl |



### Main drain

| Code        | model   | color | material | flow(L/m) | connect     | description  |
|-------------|---------|-------|----------|-----------|-------------|--------------|
| 02010015022 | EM2815C | white | ABS      | 240       | 1-1/2" / 2" | For concrete |
| 02010016022 | EM2815V | white | ABS      | 240       | 1-1/2" / 2" | for vinyl    |

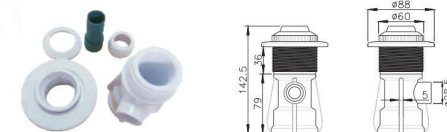


### Swim jet

| Code        | model   | color | material | connect          | description    |
|-------------|---------|-------|----------|------------------|----------------|
| 02010023044 | KQ-4850 | white | ABS      | 1.5" inner teeth | with nozzle    |
| 02010024044 | KQ-4851 | white | ABS      | 1.5" inner teeth | without nozzle |

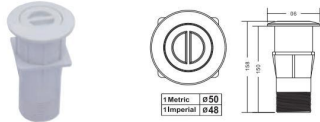


Swim jet  
Made of ABS, white



## Swimming pool fitting

### Vacuum Fitting (For Concrete Pool)



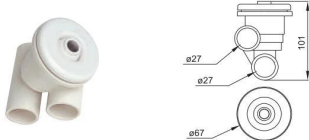
| Code        | Model No | Colour | Material     |
|-------------|----------|--------|--------------|
| 02010004032 | FL2827C  | White  | ABS+UV & PVC |

### Vacuum Fitting (For Vinyl Pool)



| Code        | Model No | Colour | Material     |
|-------------|----------|--------|--------------|
| 02010005032 | FL2827V  | White  | ABS+UV & PVC |

### Discharge jet



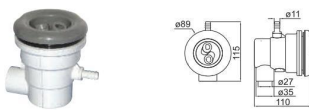
| Code        | Model No | Specification        |
|-------------|----------|----------------------|
| 02010035044 | B-122    | Round and white 3/4" |

### Wall Return (For Vinyl Pool)



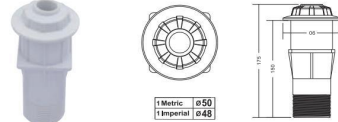
| Code        | Model No | Colour | Material     |
|-------------|----------|--------|--------------|
| 02010005031 | FL2829V  | White  | ABS+UV & PVC |

### Twin-rotor nozzle



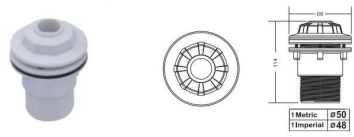
| Code        | Model No | Specification             |
|-------------|----------|---------------------------|
| 02010030044 | B-204-1A | Smooth surface cover 3.5" |
| 02010031044 | B-204-1B | Depolished surface cover  |

### Wall Inlet (For Concrete Pool)



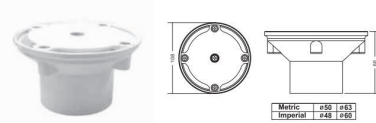
| Code        | Model No | Colour | Material     |
|-------------|----------|--------|--------------|
| 02010023044 | FL2828C  | White  | ABS+UV & PVC |

### Wall Inlet (For Vinyl Pool)



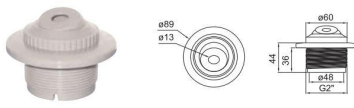
| Code (Imperial) | Code (Metric) | Model No | Colour | Material     |
|-----------------|---------------|----------|--------|--------------|
| 02010020044     | 02010021044   | FL2828V  | White  | ABS+UV & PVC |

### Wall Return



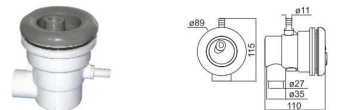
| Code        | Model No | Colour | Material     |
|-------------|----------|--------|--------------|
| 02010027031 | SP-1424C | White  | ABS+UV & PVC |

### Successive spray nozzle



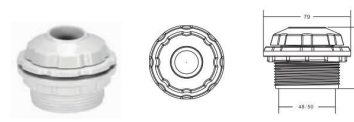
| Code        | Model No | Specification |
|-------------|----------|---------------|
| 02010025044 | B-213    | Grey 1.5"     |

### Single-rotor nozzle



| Code        | Model No | Specification             |
|-------------|----------|---------------------------|
| 02010010044 | B-204-2A | Smooth surface cover 3.5" |
| 02010011044 | B-204-2B | Depolished surface cover  |

### Eye Ball Jet



| Code        | Model No | Colour | Material |
|-------------|----------|--------|----------|
| 02010029044 | FL3302   | White  | ABS+UV   |

### Air Water Tee Body Big "T"



| Code        | Model No | Colour | Material     |
|-------------|----------|--------|--------------|
| 02010003044 | FL0031   | White  | ABS+UV & PVC |

### Standard Jet



| Code        | Model No | Colour | Material |
|-------------|----------|--------|----------|
| 02010005044 | FL0034   | White  | ABS+UV   |
| 02010006044 |          | Gray   | ABS+UV   |

### Standard Jet



| Code        | Model No | Colour | Material |
|-------------|----------|--------|----------|
| 02010009044 | FL0064   | White  | ABS+UV   |
| 02010036044 |          | Gray   | ABS+UV   |

### Smooth Face Standard Jet



| Code        | Model No | Colour    | Material           |
|-------------|----------|-----------|--------------------|
| 02010012044 |          | White     | ABS+UV             |
| 02010013044 |          | Gray      | ABS+UV             |
| 02010014044 |          | S.S Cover | ABS+UV & 304 cover |

## Swimming pool fitting

### Eye Ball Standard Jet



| code (imperial) | code (metric) | Model No | Colour | Material |
|-----------------|---------------|----------|--------|----------|
| 02010027044     | 02010028044   | FL3301   | White  | ABS+UV   |

### Φ10mm Barb Air & Φ20mm Barb Water, Ell Body



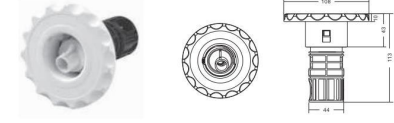
| Code        | Model No | Colour | Material |
|-------------|----------|--------|----------|
| 02010008044 | FL0021   | White  | PVC      |

### Swirl Jet



| Code        | Model No | Colour | Material |
|-------------|----------|--------|----------|
| 02010033044 | FL0028   | White  | ABS+UV   |
| 02010034044 |          | Gray   | ABS+UV   |

### Swirl Jet



| Code        | Model No | Colour | Material |
|-------------|----------|--------|----------|
| 02010037044 | FL0018   | White  | ABS+UV   |
| 02010038044 |          | Gray   | ABS+UV   |

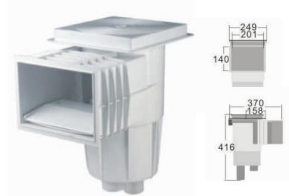
### Smooth Face Swirl Jet



| Code        | Model No | Colour    | Material           |
|-------------|----------|-----------|--------------------|
| 02010015044 |          | White     | ABS+UV             |
| 02010016044 |          | Gray      | ABS+UV             |
| 02010017044 |          | S.S Cover | ABS+UV & 304 cover |

## Swimming pool fitting

Wall Skimmer For concrete pool



| Code        | Model No | Colour | Material | Annotation    |
|-------------|----------|--------|----------|---------------|
| 02010006045 | FL0030C  | White  | ABS+UV   | Concrete pool |

Wall Skimmer For Vinyl pool



| Code        | Model No | Colour | Material | Annotation |
|-------------|----------|--------|----------|------------|
| 02010005045 | FL0030V  | White  | ABS+UV   | Vinyl pool |

Wall Skimmer For concrete pool



| Code        | Model No | Colour | Material | Annotation    |
|-------------|----------|--------|----------|---------------|
| 02010008045 | FL0040C  | White  | ABS+UV   | Concrete pool |

Wall Skimmer For Vinyl pool



| Code        | Model No | Colour | Material | Annotation |
|-------------|----------|--------|----------|------------|
| 02010017045 | FL0040V  | White  | ABS+UV   | Vinyl pool |

Wall Skimmer For concrete pool



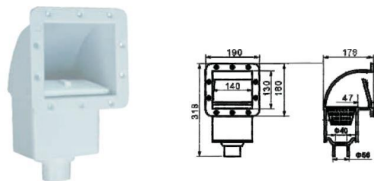
| Code        | Model No | Colour | Material | Annotation    |
|-------------|----------|--------|----------|---------------|
| 02010026045 | FL0060C  | White  | ABS+UV   | Concrete pool |

Wall Skimmer For Vinyl pool



| Code        | Model No | Colour | Material | Annotation |
|-------------|----------|--------|----------|------------|
| 02010027045 | FL0060V  | White  | ABS+UV   | Vinyl pool |

Wall Skimmer For concrete pool



| Code        | Model No | Colour | Material | Annotation    |
|-------------|----------|--------|----------|---------------|
| 02010002045 | FL-1096  | White  | ABS+UV   | Concrete pool |

## Swimming pool fitting

Main Drain



| Code        | Model No | Colour | Material | Connection |
|-------------|----------|--------|----------|------------|
| 02010021022 | FL2832C  | White  | ABS+UV   | 1.5"       |
| 02010022022 | FL2832V  | White  | ABS+UV   | 1.5"       |

Main Drain (For Concrete Pool)



| Code        | Model No | Colour | Material |
|-------------|----------|--------|----------|
| 02010006022 | PQ-2850C | White  | ABS+UV   |

Main Drain (For Vinyl Pool)



| Code        | Model No | Colour | Material |
|-------------|----------|--------|----------|
| 02010007022 | PQ-2850V | White  | ABS+UV   |

Outlet Fitting



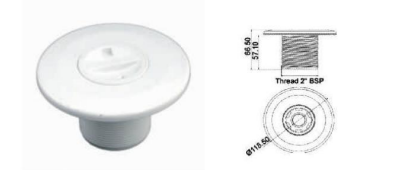
| Code        | Model No | Colour | Material | Connection |
|-------------|----------|--------|----------|------------|
| 02010003031 | PQ-2851  | White  | ABS+UV   | 2"thread   |

Outlet Fitting (For Vinyl Pool)



| Code        | Model No | Colour | Material | Connection |
|-------------|----------|--------|----------|------------|
| 02010008031 | PQ-1006V | White  | ABS+UV   | 2"thread   |

Suction Nozzle



| Code        | Model No | Colour | Material | Connection |
|-------------|----------|--------|----------|------------|
| 02010007032 | PQ-2853  | White  | ABS+UV   | 2"thread   |

Outlet Fitting



| Code        | Model No | Colour | Material | Connection |
|-------------|----------|--------|----------|------------|
| 02010033031 | PQ-2852  | White  | ABS+UV   | 2"thread   |

Suction Nozzle



| Code        | Model No | Colour | Material | Connection |
|-------------|----------|--------|----------|------------|
| 02010006032 | PQ-2854  | White  | ABS+UV   | 2"thread   |



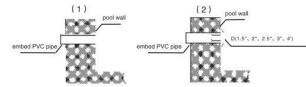


## Swimming pool fitting

SP-1425  
Straight plug water inlet & outlet device



| Code(GB)    | Model    | Description        | Color | Material |      |
|-------------|----------|--------------------|-------|----------|------|
| 02010028031 | SP-11425 | water inlet/outlet | White | ABS      | 1.5" |
| 02010029031 | SP-11425 | water inlet/outlet | White | ABS      | 2"   |



SP-1019  
Straight plug overflow gap



| Code(GB)    | Code(BS)    | Model    | Description                 | Color | Material |
|-------------|-------------|----------|-----------------------------|-------|----------|
| 02010001030 | /           | SP-1019A | 1.5" straight plug overflow | White | ABS      |
| 02010002030 | 02010003030 | SP-1019A | 2" straight plug overflow   | White | ABS      |
| D           |             |          |                             |       |          |
|             |             | 1 1/2"   |                             |       | 2"       |
| Metric      |             | Φ45      | Metric                      |       | Φ57      |

Packaging size: 53 x 43 x 31cm (100pc/CTN)

SP-1522  
Straight plug Clean interface



| Code(GB)    | Code(BS)    | Model     | Description              | Color | Material |
|-------------|-------------|-----------|--------------------------|-------|----------|
| 02010060031 | 02010013031 | SP-1522-1 | 1.5" straight plug clean | White | ABS      |
| 02010014031 | 02010015031 | SP-1522-2 | 2" straight plug clean   | White | ABS      |
| D           |             |           |                          |       |          |
|             |             | 1 1/2"    |                          |       | 2"       |
| Metric      |             | Φ45       | Metric                   |       | Φ57      |

Packaging size: 53 x 43 x 29cm (100pc/CTN)

### Parameter

|      | Product name   | diameter | pipe specification       | quantity | packing size |
|------|--|----------|--------------------------|----------|--------------|
| (GB) | GB New 1.5"GB straight plug adjustment water inlet & outlet device | Φ45mm    | O&DΦ50mm-1.0mpaPVC pipe  | 100      | 52X43X31cm   |
|      | GB New 2"GB straight plug adjustment water inlet & outlet device   | Φ57mm    | O&DΦ63mm-1.0mpaPVC pipe  | 100      | 52X43X31cm   |
|      | GB New 2.5"GB straight plug adjustment water inlet & outlet device | Φ66.8mm  | O&DΦ75mm-1.0mpaPVC pipe  | 100      | 55X44X31cm   |
|      | GB New 3"GB straight plug adjustment water inlet & outlet device   | Φ80.9mm  | O&DΦ90mm-1.0mpaPVC pipe  | 60       | 59.5X38X25cm |
| (BS) | GB New 4"GB straight plug adjustment water inlet & outlet device   | Φ100.7mm | O&DΦ110mm-1.0mpaPVC pipe | 60       | 58X44X31cm   |
|      | GB New 1.5"GB straight plug adjustment water inlet & outlet device | Φ43mm    | O&DΦ48mm-D1.5" PVC pipe  | 100      | 52X43X31cm   |
|      | GB New 2"GB straight plug adjustment water inlet & outlet device   | Φ54mm    | O&DΦ60mm-D2" PVC pipe    | 100      | 52X43X31cm   |
|      | GB New 2.5"GB straight plug adjustment water inlet & outlet device | Φ68mm    | O&DΦ75mm-C2.5" PVC pipe  | 100      | 55X44X31cm   |
|      | GB New 3"GB straight plug adjustment water inlet & outlet device   | Φ80mm    | O&DΦ88.5mm-C3" PVC pipe  | 60       | 59.5X38X25cm |
|      | GB New 4"GB straight plug adjustment water inlet & outlet device   | Φ104.6mm | O&DΦ114mm-C4" PVC pipe   | 60       | 58X44X31cm   |

## Swimming pool fitting

SP-1526  
Straight plug nozzle

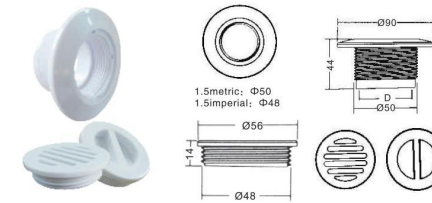


| Code        | Model | Description | Color                | Material |     |
|-------------|-------|-------------|----------------------|----------|-----|
| 02010030031 | 1.5"  | SP-1526     | Straight plug nozzle | White    | ABS |
| 02010031031 | 2"    | SP-1526     | Straight plug nozzle | White    | ABS |

Packaging size: 53 x 43 x 29cm (100pc/carton)

|        |  | D      |     |
|--------|--|--------|-----|
|        |  | 1 1/2" | 2"  |
| Metric |  | Φ45    | Φ57 |

SP-1022 clean interface 1.5"



| Code        | Model | Description | Color           | Material |     |
|-------------|-------|-------------|-----------------|----------|-----|
| 02010001032 | 1.5"  | SP-1022A    | Clean interface | White    | ABS |
| 02010002032 | 2"    | SP-1022B    | Clean interface | White    | ABS |

Packaging size: 44 x 35 x 24cm (100pc/carton)

SP-1019 1.5"/2" overflow



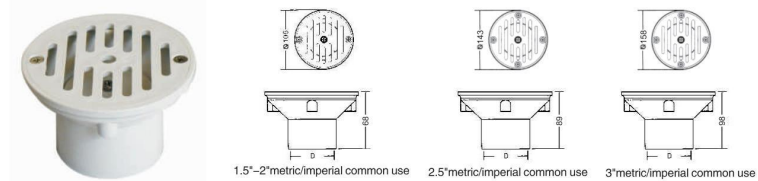
| Model   | Description | Color | Material |
|---------|-------------|-------|----------|
| SP-1019 | overflow    | White | ABS      |

Packaging size: 53 x 47 x 39cm (100pc/carton)

|        |     | 1 1/2"      |              | 2"  |                            |
|--------|-----|-------------|--------------|-----|----------------------------|
|        | D   | Code        | Metric       | D   | Code                       |
| Metric | Φ50 | 02010006030 | Φ63 Imperial | Φ60 | 02010007030<br>02010008030 |

SP-1424

Water inlet & outlet device (1.5", 2", 2.5", 3" Metric/Imperial both can use)



|                |                           | 1 1/2"      |     | 2"          |                | 2.5"                     |             | 3"                             |             |
|----------------|---------------------------|-------------|-----|-------------|----------------|--------------------------|-------------|--------------------------------|-------------|
|                | D                         | Code        | D   | Code        | D              | Code                     | D           | Code                           |             |
| Metric         | Φ50                       | 02010016031 | Φ63 | 02010018031 | Metric         | Φ75                      | 02010020031 | Φ90                            | 02010021031 |
| Imperial       | Φ48                       | 02010017031 | Φ60 | 02010019031 |                |                          |             |                                |             |
| Packaging size | 53X43X38cm (100pc/carton) |             |     |             | Packaging size | 49X49X30cm (48pc/carton) |             | 55.5X 42.5X31 cm (36pc/carton) |             |

## Swimming pool fitting

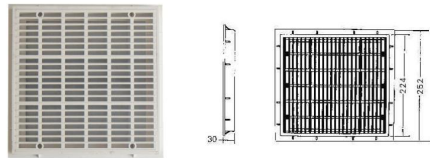
Main drain SP -1030



| Code        | Model   | Description | Color | Material |
|-------------|---------|-------------|-------|----------|
| 02010008022 | SP-1030 | Main drain  | White | ABS      |

Packaging size: 53 x 37 x 27cm(50pc/carton)

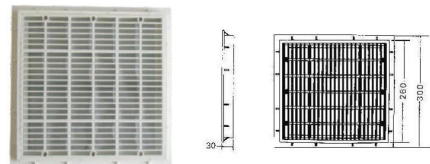
Main drain grating SP-1031



| Code        | Model   | Description        | Color | Material |
|-------------|---------|--------------------|-------|----------|
| 02010009022 | SP-1031 | Main drain grating | White | ABS      |

Packaging size: 52.8 x 41.2 x 27.6cm(20pc/carton)

Main drain grating SP -1032



| Code        | Model   | Description        | Color | Material |
|-------------|---------|--------------------|-------|----------|
| 02010010022 | SP-1032 | Main drain grating | White | ABS      |

Packaging size: 64 x 40 x 35cm(20pc/carton)

Massage nozzle SP -1434

| Model   | Description    | Color | Material |
|---------|----------------|-------|----------|
| SP-1434 | Massage nozzle | White | ABS      |

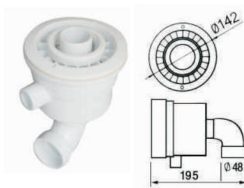
Packaging size: 49 x 32 x 37cm(25pc/carton)



Ripple nozzle SP -1450T

| Code        | Model    | Description   | Color | Material |
|-------------|----------|---------------|-------|----------|
| 02010018044 | SP-1450T | Ripple nozzle | White | ABS      |

Packaging size: 81 x 34 x 40cm(20pc/carton)



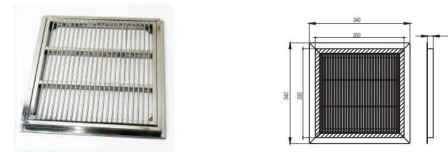
## Swimming pool fitting

Anti-vortex main drain



| Code        | Description | Size(mm) | Material            |
|-------------|-------------|----------|---------------------|
| 02010024022 | Main drain  | 300x300  | Stainless steel 304 |

Stainless steel 304 main drain A type



| Code        | Description | Size(mm) | Material            |
|-------------|-------------|----------|---------------------|
| 02010001022 | Main drain  | 300x300  | Stainless steel 304 |
| 02010003022 | Main drain  | 400x400  | Stainless steel 304 |
| 02010004022 | Main drain  | 500x500  | Stainless steel 304 |

Stainless steel 304 main drain B type



| Code        | Description | Size(mm) | Material            |
|-------------|-------------|----------|---------------------|
| 02010002022 | Main drain  | 300x300  | Stainless steel 304 |



5881-2 outlet 2"  
Code: 02010003031  
Size: 108x108mm



Inline type water inlet  
1.5"  
Code: 02010062031  
Code: 02010061031



5882-2 outlet 3"  
Code: 02010004031  
Size: 142x142mm



Copper floor drain  
02010001042 5828-3 dia 65mm DN50  
02010002042 5828-6 dia 75mm DN63  
02010003042 5828-1 dia 90mm DN75  
02010004042 5829-1 dia 110mm DN90  
02010005042 5830-1 dia 125mm DN110  
02010006042 5830-3 dia 165mm DN160

## Swimming pool fitting



SP-0022  
Stainless steel suction vacuum  
2" thread  
02010008032



5881-18  
Surf nozzle  
Code: 02010007044  
Size: 100\*100mm



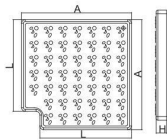
Round main drain  
SP-1030  
Size: 02010017022  
Size: 220x220mmx13.5mm



SP-0029 Stainless steel overflow  
2" External thread  
02010004030

## Corner for grating & fix side

### 90° Corner Tile For Grating

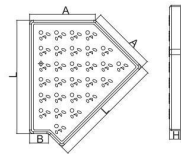


### 90° Corner Tile For Grating

| Model  | Code        | Description                       |
|--------|-------------|-----------------------------------|
| FT3090 | 02010005037 | 300-90° fiberglass Corner (white) |
| FT2590 | 02010006037 | 250-90° fiberglass Corner (white) |
| FT2090 | 02010004037 | 200-90° fiberglass Corner (white) |

| Model  | A   | H    | L   |
|--------|-----|------|-----|
| FT3090 | 350 | 28.5 | 300 |
| FT2590 | 300 | 28.5 | 250 |
| FT2090 | 250 | 28.5 | 200 |

### 45° Corner Tile For Grating

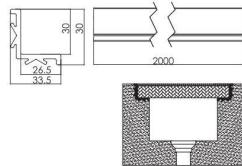
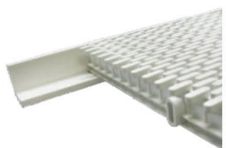


### 45° Corner Tile For Grating

| Model  | Code        | Description                       |
|--------|-------------|-----------------------------------|
| FT3045 | 02010001037 | 300-45° fiberglass Corner (white) |
| FT2545 | 02010002037 | 250-45° fiberglass Corner (white) |
| FT2045 | 02010003037 | 200-45° fiberglass Corner (white) |

| Model  | A   | B  | H    | L   |
|--------|-----|----|------|-----|
| FT3045 | 174 | 50 | 28.5 | 300 |
| FT2545 | 154 | 50 | 28.5 | 250 |
| FT2045 | 133 | 50 | 28.5 | 200 |

### Corner fix side for grating



| Code        | Model | Code     | Description                    |
|-------------|-------|----------|--------------------------------|
| 02010015000 | N/A   | 01150047 | 2m corner fix side for grating |

## Swimming pool fitting Grating

### Three interface (Patented product)



18/20/25/30

| Code (bone color) | code (white) | specification | material | L (cm) | M (cm) | H (cm) | m/ carton | weight KG | packing size (cm) |
|-------------------|--------------|---------------|----------|--------|--------|--------|-----------|-----------|-------------------|
| 02010001012       | 02010005012  | 18cm          | ABS      | 18     | 1.5    | 2.4    | 20        | 22.5      | 65 x 53 x 27      |
| 02010002012       | 02010006012  | 20cm          | ABS      | 20     | 1.5    | 2.4    | 20        | 25        | 70 x 52 x 28      |
| 02010003012       | 02010007012  | 25cm          | ABS      | 25     | 1.5    | 2.4    | 10        | 14.4      | 53 x 46 x 27      |
| 02010004012       | 02010008012  | 30cm          | ABS      | 30     | 1.5    | 2.4    | 10        | 16.6      | 55 x 53 x 26      |

color can be customized

### Senior double, three interface grating



18/20/25/30/35/40cm

| Code        | specification | material | color      | L (cm) | M (cm) | H (cm) | m/ carton | weight KG | packing size (cm) |
|-------------|---------------|----------|------------|--------|--------|--------|-----------|-----------|-------------------|
| 02010001052 | 18cm          | ABS      | bone color | 18     | 1.4    | 2.4    | 20        | 33        | 64 x 53 x 29      |
| 02010002052 | 20cm          | ABS      | bone color | 20     | 1.4    | 2.4    | 20        | 35.2      | 70 x 52 x 29      |
| 02010003052 | 25cm          | ABS      | bone color | 25     | 1.4    | 2.4    | 10        | 22.9      | 53 x 48 x 29      |

Advanced three interface

|             |      |     |            |    |     |     |    |      |              |
|-------------|------|-----|------------|----|-----|-----|----|------|--------------|
| 02010001053 | 30cm | ABS | bone color | 30 | 1.4 | 2.4 | 10 | 29.5 | 57 x 52 x 29 |
| 02010002053 | 35cm | ABS | bone color | 35 | 1.4 | 2.4 | 10 | 33.7 | 65 x 54 x 30 |
| 02010003053 | 40cm | ABS | bone color | 40 | 1.4 | 2.4 | 10 | 42.7 | 53 x 43 x 54 |

color can be customized

### Senior Chain buckle grating



18/20/25/30cm

| Code        | products name/ specification senior Serrated | material ABS/PP | color | L (cm) | M (cm) | H (cm) | m/ carton | weight KG | packing size (cm) |
|-------------|--|-----------------|-------|--------|--------|--------|-----------|-----------|-------------------|
| 02010001013 | 18cm   | ABS             | white | 18     | 1.7    | 2.9    | 10        | 19.9      | 53 x 38 x 31      |
| 02010002013 | 20cm   | ABS             | white | 20     | 1.7    | 2.9    | 10        | 22        | 53 x 42 x 31      |
| 02010003013 | 25cm   | ABS             | white | 25     | 1.7    | 2.9    | 10        | 26.3      | 53 x 40 x 36.5    |
| 02010004013 | 30cm   | ABS             | white | 30     | 1.7    | 2.9    | 10        | 33.2      | 54 x 46 x 39      |

|             |      |     |       |    |     |     |    |      |                |
|-------------|------|-----|-------|----|-----|-----|----|------|----------------|
| 02010005013 | 18cm | ABS | white | 18 | 2.5 | 2.8 | 10 | 19   | 53 x 38 x 31   |
| 02010006013 | 20cm | ABS | white | 20 | 2.5 | 2.8 | 10 | 20.5 | 53 x 42 x 31   |
| 02010007013 | 25cm | ABS | white | 25 | 2.6 | 2.8 | 10 | 24.1 | 53 x 40 x 36.5 |
| 02010008013 | 30cm | ABS | white | 30 | 2.6 | 2.8 | 10 | 31.6 | 54 x 46 x 39   |

color can be customized

### Senior wide grating (Patented product)



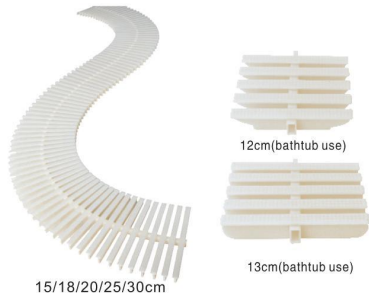
18/20/25/30/35cm

| Code        | products name/ specification | material | color      | L (cm) | M (cm) | H (cm) | m/ carton | weight KG | packing size (cm) |
|-------------|------------------------------|----------|------------|--------|--------|--------|-----------|-----------|-------------------|
| 02010001054 | 18cm                         | ABS      | bone color | 18     | 2.4    | 2.4    | 20        | 28.2      | 53 x 48 x 29      |
| 02010002054 | 20cm                         | ABS      | bone color | 20     | 2.4    | 2.4    | 20        | 29.8      | 53 x 53 x 29.5    |
| 02010003054 | 25cm                         | ABS      | bone color | 25     | 2.4    | 2.4    | 10        | 20.3      | 53 x 38 x 29      |
| 02010004054 | 30cm                         | ABS      | bone color | 30     | 2.4    | 2.4    | 10        | 22.5      | 53 x 47 x 29      |
| 02010005054 | 35cm                         | ABS      | bone color | 35     | 2.4    | 2.4    | 10        | 25        | 55 x 53 x 29      |

color can be customized

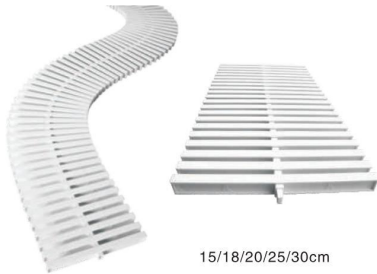
## Swimming pool fitting Grating

### Bone color one interface grating



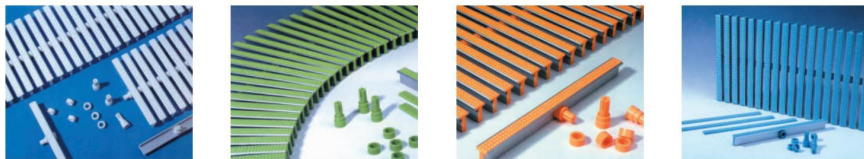
| Code                    | products name/ specification | material ABS/PP | color      | L (cm) | M (cm) | H (cm) | m <sup>2</sup> / carton | weight KG | packing size (cm) |
|-------------------------|------------------------------|-----------------|------------|--------|--------|--------|-------------------------|-----------|-------------------|
| 02010001014             | 12cm (bathtub use)           | ABS             | bone color | 12     | 1.3    | 2.3    | 20                      | 14.3      | 53 x 35 x 23      |
| 02010002014             | 13cm (bathtub use)           | ABS             | bone color | 13     | 1.3    | 2.3    | 20                      | 16.18     | 53 x 35 x 23      |
| 02010003014             | 15cm                         | ABS             | bone color | 18     | 1.3    | 2.3    | 20                      | 18.65     | 53 x 40 x 25      |
| 02010004014             | 18cm                         | ABS             | bone color | 18     | 1.3    | 2.3    | 20                      | 16        | 53 x 47 x 26      |
| 02010005014             | 20cm                         | ABS             | bone color | 20     | 1.3    | 2.3    | 20                      | 20.8      | 53 x 52 x 26      |
| 02010006014             | 25cm                         | ABS             | bone color | 25     | 1.3    | 2.3    | 10                      | 11.6      | 53 x 39 x 26      |
| 02010007014             | 30cm                         | ABS             | bone color | 30     | 1.3    | 2.3    | 10                      | 14.5      | 53 x 47 x 26      |
| color can be customized |                              |                 |            |        |        |        |                         |           |                   |

### White I-shaped grating



| Code                    | products name/ specification | material ABS/PP | color | L (cm) | M (cm) | H (cm) | m <sup>2</sup> / carton | weight KG | packing size (cm) |
|-------------------------|------------------------------|-----------------|-------|--------|--------|--------|-------------------------|-----------|-------------------|
| 02010001055             | 15cm                         | PP              | White | 15     | 1.3    | 2.3    | 20                      | 20.9      | 53 x 40 x 25      |
| 02010002055             | 18cm                         | PP              | White | 18     | 1.3    | 2.3    | 20                      | 25.2      | 54 x 47 x 26      |
| 02010003055             | 20cm                         | PP              | White | 20     | 1.3    | 2.3    | 20                      | 26.2      | 53 x 53 x 25      |
| 02010004055             | 25cm                         | PP              | White | 25     | 1.3    | 2.3    | 10                      | 16.3      | 54 x 39 x 26      |
| 02010005055             | 30cm                         | PP              | White | 30     | 1.3    | 2.3    | 10                      | 20.8      | 53 x 46 x 26      |
| color can be customized |                              |                 |       |        |        |        |                         |           |                   |

### Compound Drainage Grid for Swimming Pool



| Code white  | Code white light green | Code orange | Code blue   | Model  | Description            | Size |
|-------------|------------------------|-------------|-------------|--------|------------------------|------|
| 02010001057 | 02010005057            | 02010009057 | 02010013057 | NH-180 | Compound Drainage Grid | 18cm |
| 02010002057 | 02010006057            | 02010010057 | 02010014057 | NH-200 | Compound Drainage Grid | 20cm |
| 02010003057 | 02010007057            | 02010011057 | 02010015057 | NH-250 | Compound Drainage Grid | 25cm |
| 02010004057 | 02010008057            | 02010012057 | 02010016057 | NH-300 | Compound Drainage Grid | 30cm |

## Swimming pool fitting Lane rope

### Φ11cm normal lane rope (Anti-scratch)



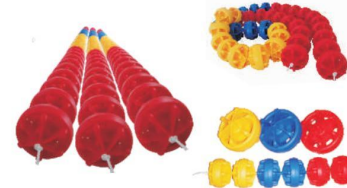
| Code nylon  | Code Steel wire | Length | Package size | Weight   | Diameter | Color  |
|-------------|-----------------|--------|--------------|----------|----------|--|
| 02010001006 | 02010002006     | 25m    | 130×50×48cm  | ≥ 17.5kg | Φ 11cm   | red, blue yellow three colors ( color and length can be customized ) |
| 02010003006 | 02010004006     | 50m    | 183×60×55cm  | ≥ 35kg   |          |  |

### Φ11cm Circular arc lane rope (Anti-scratch)



| Code nylon  | Code Steel wire | Length | Package size | Weight   | Diameter | Color  |
|-------------|-----------------|--------|--------------|----------|----------|--|
| 02010002005 | 02010001005     | 25m    | 130×50×50cm  | ≥ 19.9kg | Φ 11cm   | red, blue yellow three colors ( color and length can be customized ) |
| 02010004005 | 02010003005     | 50m    | 188×60×56cm  | ≥ 39.8kg |          |  |

### Φ12cm Six prism lane rope (Anti-scratch)



| Code nylon  | Code Steel wire | Length | Package size | Weight   | Diameter | Color   |
|-------------|-----------------|--------|--------------|----------|----------|---|
| 02010002003 | 02010001003     | 25m    | 130×52×55cm  | ≥ 31.4kg | Φ 12cm   | red, blue, yellow three colors ( color and length can be customized ) |
| 02010004003 | 02010003003     | 50m    | 186×65×60cm  | ≥ 62.8kg |          |   |

### Φ15cm Windmill shape lane rope (Anti-scratch)



| Code nylon  | Code Steel wire | Length | Package size | Weight   | Diameter | Color   |
|-------------|-----------------|--------|--------------|----------|----------|---|
| 02010002002 | 02010001002     | 25m    | 127×94×59cm  | ≥ 42.8kg | Φ 15cm   | red, blue, yellow three colors ( color and length can be customized ) |
| 02010004002 | 02010003002     | 50m    | 130×96×100cm | ≥ 85.6kg |          |   |

## Swimming pool fitting Lane rope

### Φ15cm Six prism lane rope (Anti-scratch)



| Code nylon  | Code Steel wire | Length | Package size | Weight  | Diameter | Color  |
|-------------|-----------------|--------|--------------|---------|----------|--|
| 02010006003 | 02010005003     | 25m    | 125×94×59cm  | ≥48.5kg | Φ15cm    | red, blue, white three colors (color and length can be customized) |
| 02010008003 | 02010007003     | 50m    | 130×96×100cm | ≥97kg   |          |  |

### Spiral lane rope (Anti-scratch)



| Code nylon  | Code Steel wire | Length | Package size | Weight  | Diameter       | Color  |
|-------------|-----------------|--------|--------------|---------|----------------|--|
| 02010002004 | 02010001004     | 25m    | 86×45×39cm   | ≥13.2kg | Φ6cm<br>L 20cm | red, blue, white three colors (color and length can be customized) |
| 02010004004 | 02010003004     | 50m    | 100×71×42cm  | ≥26.4kg |                |  |

### Big spiral lane rope (Anti-scratch)

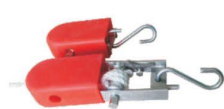


| Code nylon  | Code Steel wire | Length | Package size | Weight  | Diameter       | Color  |
|-------------|-----------------|--------|--------------|---------|----------------|--|
| 02010007004 | 02010006004     | 25m    | 96×71×44cm   | ≥16.5kg | Φ9cm<br>L 20cm | red, blue yellow three colors (color and length can be customized) |
| 02010009004 | 02010008004     | 50m    | 183×60×55cm  | ≥33kg   |                |  |

### Lane rope Accessories



Code: 02010006046  
SP-1041A  
red plastic tightener



Code: 02010001046  
SP-1043A  
red extra-heavy tightener with protective cover



Code: 02010004046  
lane rope embedded parts



Code: 02010005046  
SP-1039  
stainless steel retractor



Code: 02010002046  
SP-1041  
red retractor with protective cover

## Swimming pool fitting Lane rope Accessories



### Lane rope reel

JX-01/combined type  
Lane rope roller 304  
code :02010001010  
JX-02/stationary type  
Lane rope roller 304  
code :02010002010  
Packing size:150 × 980 × 1cm  
Φ11cm one rope 50m



### LANE HANGERS

For wall installation. The ideal solution when you don't want the lane dividers to be placed on the ground when they're not being used in the pool. For best results use at least 3 lane hangers for a 25m. swimming pool.

### Characteristics:

In electropolished AISI316 stainless steel;  
5 hooks for storing 5 lanes;  
Supplied with stainless steel screw fittings for wall installation.



A complete range of wall and floor anchors for securing the lanes, turn indicators, barrier poles or ladders.

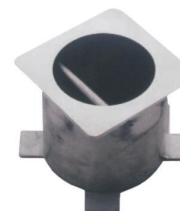
### WALL ANCHORS Art . GR. 12/L et GR. 12/CA

### Available in 2 versions:

GR. 12/L for swimming pool with liners, including a double flange and stainless steel screw fittings;  
GR. 12CA for concrete swimming pools with ceramic tile finish.

### Caracteristiques:

Electropolished AISI316 stainless steel;  
Square flange 80×80mm;  
Plate for securing the lane;  
Supplied with brackets for improved installation.



## Swimming pool fitting Safe float line/float wave/float ball

### Product introduction

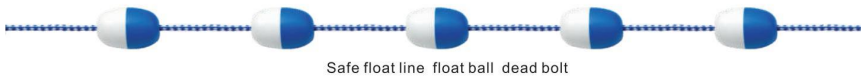
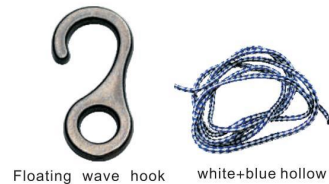
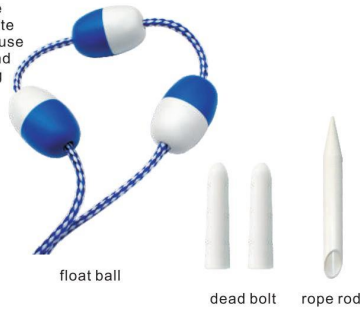
The safety float line is mainly used for surface navigation aids such as swimming pools, inland waterways, fairways, shallows, and obstructions. The safety float line is an independent research and development product of the factory. The product is well-crafted, once formed, hollow in the middle, and has strong buoyancy. Floating wave adopts blue and white two-color design, supporting white + blue hollow braided rope. Because of its obvious characteristics, easy identification, long service life, and clear functions, it is convenient for swimming pools, breeding, fishing sites, and offshore applications.

### Product advantage

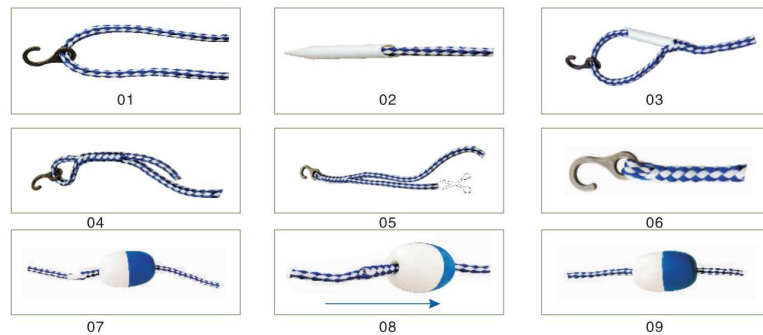
Each product USES high performance materials and adds uv and antioxidants. Greatly increase the service life of the product, has the impact resistance, corrosion resistance, compared with steel buoy, plastic buoy lighter, stronger buoyancy, even can withstand risk of collision or other past caused little damage.

### Product detail

Diameter  $\Phi$ 7cm Length can be customized  
Normal length:25m,50m,100m,200,

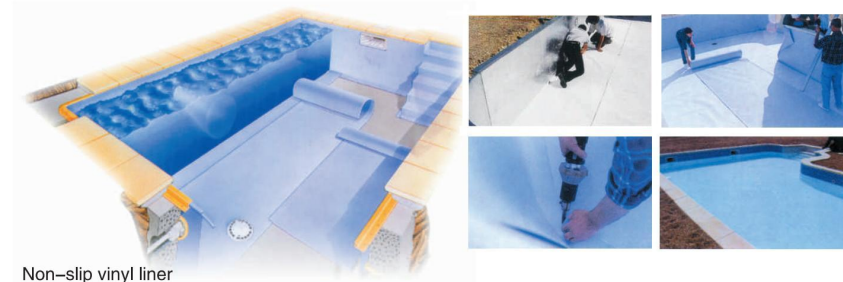


### Installation



## Swimming pool fitting PVC liner

### Pool liner let your pool not leaking over 5 years

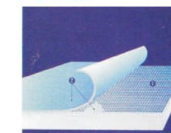


Non-slip vinyl liner

| Code        | Model      | Size     | thickness ( mm ) |
|-------------|------------|----------|------------------|
| 02010001015 | Light blue | 2.0x25m  | 1.2              |
| 02010002015 | Light blue | 2.0x25m  | 1.5              |
| 02010003015 | Light blue | 2.0x25m  | 2.0              |
| 02010004015 | Mosaic     | 1.83x25m | 1.2              |
| 02010005015 | Mosaic     | 1.83x25m | 1.5              |
| 02010006015 | Mosaic     | 1.83x25m | 2.0              |

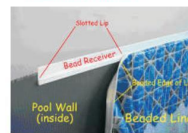
Other models can be customized

### Instruction:

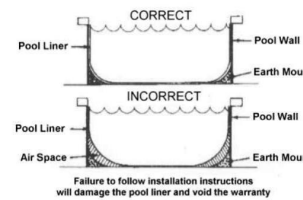


1- Inner frame of polyester weft  
2- Highly resistant PVC

### Installation details :



### Remark:



Ideal for residential pools. Manufactured in reinforced PVC-P, this materials is the most used for lining pools thanks to enhanced malleability, resistance to tearing, ease of welding, resistance to discoloration by UV rays and with a wide range of available colors. Made-to-measure liners are put together by high frequency welding machines at our facilities. Perfectly adaptable to any pool design or shape, with excellent watertight features, so you can forget about annoying leaks.

- \*Ensures total watertightness in odd shaped pools or pools with numerous steps.
- \*Highly flexible and adaptable.
- \*Smooth and pleasant to touch, it is easy to maintain and durable.
- \*Highly resistant to impacts and tearing.
- \*PVC does not release dioxins into the atmosphere and can be recycled.
- \*Compatible with concrete, prefabricated or steel panel pools. Can also be installed in pools with overflow.



FOR RESORTS & HOTELS



# Pool ladder & equipment »»»



## Pool ladder & equipment Pool ladder

This product is made of imported AISI-304 or AISI-316 stainless steel (φ42mm) and provides stainless steel or plastic pedals. The plastic pedal has excellent sun protection effect. Step ladder are suitable for indoor wooden pools or outdoor cement pools and are easy to install.



SLF (customizable)



Stainless steel step pool ladder

| product code (AISI-304/1.0) | product code (AISI-304/1.2) | product code (AISI-316/1.2) | model   | A mm | B mm | C mm | D mm | E mm | F mm | G mm |
|-----------------------------|-----------------------------|-----------------------------|---------|------|------|------|------|------|------|------|
| 02011001009                 | 02011005009                 | 02011009009                 | SL215-S | 500  | 1328 | 531  | 702  | 219  | 243  | 250  |
| 02011002009                 | 02011006009                 | 02011010009                 | SL315-S | 500  | 1578 | 531  | 702  | 219  | 243  | 250  |
| 02011003009                 | 02011007009                 | 02011011009                 | SL415-S | 500  | 1828 | 531  | 702  | 219  | 243  | 250  |
| 02011004009                 | 02011008009                 | 02011012009                 | SL515-S | 500  | 2078 | 531  | 702  | 219  | 243  | 250  |

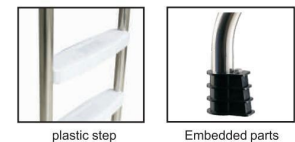


SL



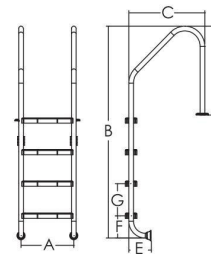
Stainless steel antislip step pool ladder

| product code (AISI-304/1.0) | product code (AISI-304/1.2) | product code (AISI-316/1.2) | model    | A mm | B mm | C mm | D mm | E mm | F mm | G mm |
|-----------------------------|-----------------------------|-----------------------------|----------|------|------|------|------|------|------|------|
| 02011001010                 | 02011005010                 | 02011009010                 | SL215-SR | 500  | 1328 | 531  | 702  | 219  | 243  | 250  |
| 02011002010                 | 02011006010                 | 02011010010                 | SL315-SR | 500  | 1578 | 531  | 702  | 219  | 243  | 250  |
| 02011003010                 | 02011007010                 | 02011011010                 | SL415-SR | 500  | 1828 | 531  | 702  | 219  | 243  | 250  |
| 02011004010                 | 02011008010                 | 02011012010                 | SL515-SR | 500  | 2078 | 531  | 702  | 219  | 243  | 250  |



Plastic ABS step pool ladder

| product code (AISI-304/1.0) | product code (AISI-304/1.2) | product code (AISI-316/1.2) | model   | A mm | B mm | C mm | D mm | E mm | F mm | G mm |
|-----------------------------|-----------------------------|-----------------------------|---------|------|------|------|------|------|------|------|
| 02011001011                 | 02011005011                 | 02011009011                 | SL215-P | 500  | 1328 | 531  | 702  | 219  | 243  | 250  |
| 02011002011                 | 02011006011                 | 02011010011                 | SL315-P | 500  | 1578 | 531  | 702  | 219  | 243  | 250  |
| 02011003011                 | 02011007011                 | 02011011011                 | SL415-P | 500  | 1828 | 531  | 702  | 219  | 243  | 250  |
| 02011004011                 | 02011008011                 | 02011012011                 | SL515-P | 500  | 2078 | 531  | 702  | 219  | 243  | 250  |



## Pool ladder & equipment

### Pool ladder



SFF customizable



flange

This product is made of imported AISI-304 or AISI-316 stainless steel ( $\phi 42\text{mm}$ ) and provides stainless steel or plastic pedals. The plastic pedal has excellent sun protection effect. Step ladder are suitable for indoor wooden pools or outdoor cement pools and are easy to install.



Embedded parts



Stainless steel antislip step

#### Stainless steel step pool ladder

| product code (AISI-304/1.0) | product code (AISI-304/1.2) | product code (AISI-316/1.2) | model    | A mm | B mm | C mm | D mm | E mm | F mm | G mm |
|-----------------------------|-----------------------------|-----------------------------|----------|------|------|------|------|------|------|------|
| 02011001002                 | 02011005002                 | 02011009002                 | SF 215-S | 500  | 1328 | 531  | 702  | 219  | 243  | 250  |
| 02011002002                 | 02011006002                 | 02011010002                 | SF 315-S | 500  | 1578 | 531  | 702  | 219  | 243  | 250  |
| 02011003002                 | 02011007002                 | 02011011002                 | SF 415-S | 500  | 1828 | 531  | 702  | 219  | 243  | 250  |
| 02011004002                 | 02011008002                 | 02011012002                 | SF 515-S | 500  | 2078 | 531  | 702  | 219  | 243  | 250  |



SF



Embedded parts



Stainless steel antislip step

#### Stainless steel antislip step pool ladder

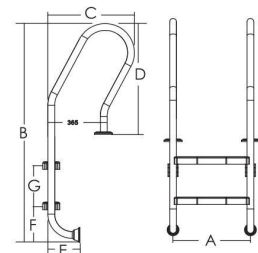
| product code (AISI-304/1.0) | product code (AISI-304/1.2) | product code (AISI-316/1.2) | model     | A mm | B mm | C mm | D mm | E mm | F mm | G mm |
|-----------------------------|-----------------------------|-----------------------------|-----------|------|------|------|------|------|------|------|
| 02011001003                 | 02011005003                 | 02011009003                 | SF 215-SR | 500  | 1328 | 531  | 702  | 219  | 243  | 250  |
| 02011002003                 | 02011006003                 | 02011010003                 | SF 315-SR | 500  | 1578 | 531  | 702  | 219  | 243  | 250  |
| 02011003003                 | 02011007003                 | 02011011003                 | SF 415-SR | 500  | 1828 | 531  | 702  | 219  | 243  | 250  |
| 02011004003                 | 02011008003                 | 02011012003                 | SF 515-SR | 500  | 2078 | 531  | 702  | 219  | 243  | 250  |



Embedded parts



Stainless steel antislip step

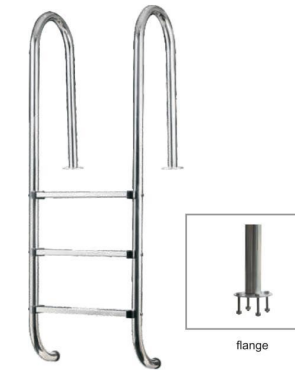


#### Plastic ABS step pool ladder

| product code (AISI-304/1.0) | product code (AISI-304/1.2) | product code (AISI-316/1.2) | model    | A mm | B mm | C mm | D mm | E mm | F mm | G mm |
|-----------------------------|-----------------------------|-----------------------------|----------|------|------|------|------|------|------|------|
| 02011001004                 | 02011005004                 | 02011009004                 | SF 215-P | 500  | 1328 | 531  | 702  | 219  | 243  | 250  |
| 02011002004                 | 02011006004                 | 02011010004                 | SF 315-P | 500  | 1578 | 531  | 702  | 219  | 243  | 250  |
| 02011003004                 | 02011007004                 | 02011011004                 | SF 415-P | 500  | 1828 | 531  | 702  | 219  | 243  | 250  |
| 02011004004                 | 02011008004                 | 02011012004                 | SF 515-P | 500  | 2078 | 531  | 702  | 219  | 243  | 250  |

## Pool ladder & equipment

### Pool ladder



SUU customizable



flange

This product is made of imported AISI-304 or AISI-316 stainless steel ( $\phi 42\text{mm}$ ) and provides stainless steel or plastic pedals. The plastic pedal has excellent sun protection effect. Step ladder are suitable for indoor wooden pools or outdoor cement pools and are easy to install.



Stainless steel antislip step



Embedded parts

#### Stainless steel step pool ladder

| product code (AISI-304/1.0) | product code (AISI-304/1.2) | product code (AISI-316/1.2) | model    | A mm | B mm | C mm | D mm | E mm | F mm | G mm |
|-----------------------------|-----------------------------|-----------------------------|----------|------|------|------|------|------|------|------|
| 02011001012                 | 02011005012                 | 02011009012                 | SU 215-S | 500  | 1328 | 366  | 702  | 219  | 243  | 250  |
| 02011002012                 | 02011006012                 | 02011010012                 | SU 315-S | 500  | 1578 | 366  | 702  | 219  | 243  | 250  |
| 02011003012                 | 02011007012                 | 02011011012                 | SU 415-S | 500  | 1578 | 366  | 702  | 219  | 243  | 250  |
| 02011004012                 | 02011008012                 | 02011012012                 | SU 515-S | 500  | 1578 | 366  | 702  | 219  | 243  | 250  |



SU



Stainless steel antislip step



Embedded parts

#### Stainless steel antislip step pool ladder

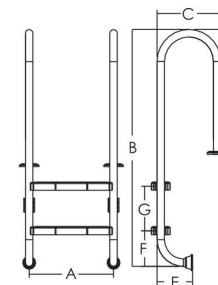
| product code (AISI-304/1.0) | product code (AISI-304/1.2) | product code (AISI-316/1.2) | model     | A mm | B mm | C mm | D mm | E mm | F mm | G mm |
|-----------------------------|-----------------------------|-----------------------------|-----------|------|------|------|------|------|------|------|
| 02011001013                 | 02011005013                 | 02011009013                 | SU 215-SR | 500  | 1328 | 366  | 702  | 219  | 243  | 250  |
| 02011002013                 | 02011006013                 | 02011010013                 | SU 315-SR | 500  | 1578 | 366  | 702  | 219  | 243  | 250  |
| 02011003013                 | 02011007013                 | 02011011013                 | SU 415-SR | 500  | 1578 | 366  | 702  | 219  | 243  | 250  |
| 02011004013                 | 02011008013                 | 02011012013                 | SU 515-SR | 500  | 1578 | 366  | 702  | 219  | 243  | 250  |



plastic step



Embedded parts



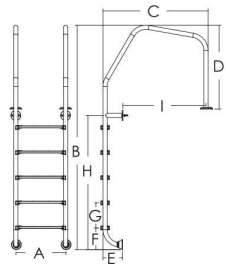
#### Plastic ABS step pool ladder

| product code (AISI-304/1.0) | product code (AISI-304/1.2) | product code (AISI-316/1.2) | model    | A mm | B mm | C mm | D mm | E mm | F mm | G mm |
|-----------------------------|-----------------------------|-----------------------------|----------|------|------|------|------|------|------|------|
| 02011001014                 | 02011005014                 | 02011009014                 | SU 215-P | 500  | 1328 | 366  | 702  | 219  | 243  | 250  |
| 02011002014                 | 02011006014                 | 02011010014                 | SU 315-P | 500  | 1578 | 366  | 702  | 219  | 243  | 250  |
| 02011003014                 | 02011007014                 | 02011011014                 | SU 415-P | 500  | 1578 | 366  | 702  | 219  | 243  | 250  |
| 02011004014                 | 02011008014                 | 02011012014                 | SU 515-P | 500  | 1578 | 366  | 702  | 219  | 243  | 250  |

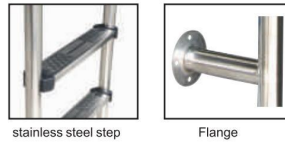


# Pool ladder & equipment

## Pool ladder



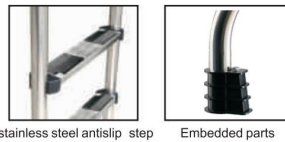
This product is made of imported AISI-304 or AISI-316 stainless steel ( $\phi 42\text{mm}$ ) and provides stainless steel or plastic pedals. The plastic pedal has excellent sun protection effect. Step ladder are suitable for indoor wooden pools or outdoor cement pools and are easy to install.



stainless steel step Flange

### Stainless steel step pool ladder

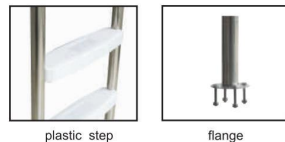
| product code (AISI-304/1.0) | product code (AISI-304/1.2) | product code (AISI-316/1.2) | model    | A mm | B mm | C mm | D mm | E mm | F mm | G mm | H mm | I mm |
|-----------------------------|-----------------------------|-----------------------------|----------|------|------|------|------|------|------|------|------|------|
| 02011001018                 | 02011005018                 | 02011009018                 | OF 215-S | 500  | 1460 | 1042 | 747  | 219  | 200  | 250  | 562  | 831  |
| 02011002018                 | 02011006018                 | 02011010018                 | OF 315-S | 500  | 1710 | 1042 | 747  | 219  | 200  | 250  | 812  | 831  |
| 02011003018                 | 02011007018                 | 02011011018                 | OF 415-S | 500  | 1960 | 1042 | 747  | 219  | 200  | 250  | 1062 | 831  |
| 02011004018                 | 02011008018                 | 02011012018                 | OF 515-S | 500  | 1960 | 1042 | 747  | 219  | 200  | 250  | 1312 | 831  |



stainless steel antislip Embedded parts

### Stainless steel antislip step pool ladder

| product code (AISI-304/1.0) | product code (AISI-304/1.2) | product code (AISI-316/1.2) | model     | A mm | B mm | C mm | D mm | E mm | F mm | G mm | H mm | I mm |
|-----------------------------|-----------------------------|-----------------------------|-----------|------|------|------|------|------|------|------|------|------|
| 02011001019                 | 02011005019                 | 02011009019                 | OF 215-SR | 500  | 1460 | 1042 | 747  | 219  | 200  | 250  | 562  | 831  |
| 02011002019                 | 02011006019                 | 02011010019                 | OF 315-SR | 500  | 1710 | 1042 | 747  | 219  | 200  | 250  | 812  | 831  |
| 02011003019                 | 02011007019                 | 02011011019                 | OF 415-SR | 500  | 1960 | 1042 | 747  | 219  | 200  | 250  | 1062 | 831  |
| 02011004019                 | 02011008019                 | 02011012019                 | OF 515-SR | 500  | 1960 | 1042 | 747  | 219  | 200  | 250  | 1312 | 831  |



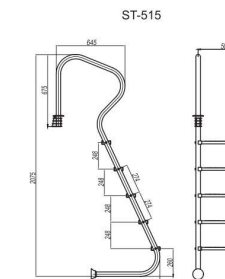
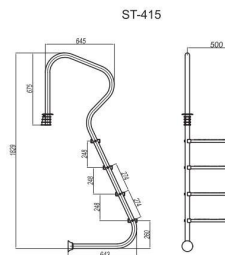
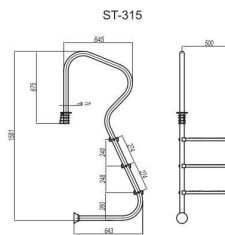
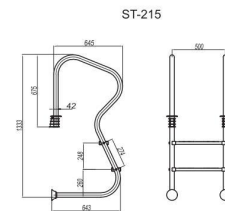
plastic step flange

### Plastic ABS step pool ladder

| product code (AISI-304/1.0) | product code (AISI-304/1.2) | product code (AISI-316/1.2) | model    | A mm | B mm | C mm | D mm | E mm | F mm | G mm | H mm | I mm |
|-----------------------------|-----------------------------|-----------------------------|----------|------|------|------|------|------|------|------|------|------|
| 02011001020                 | 02011005020                 | 02011009020                 | OF 215-P | 500  | 1460 | 1042 | 747  | 219  | 200  | 250  | 562  | 831  |
| 02011002020                 | 02011006020                 | 02011010020                 | OF 315-P | 500  | 1710 | 1042 | 747  | 219  | 200  | 250  | 812  | 831  |
| 02011003020                 | 02011007020                 | 02011011020                 | OF 415-P | 500  | 1960 | 1042 | 747  | 219  | 200  | 250  | 1062 | 831  |
| 02011004020                 | 02011008020                 | 02011012020                 | OF 515-P | 500  | 1960 | 1042 | 747  | 219  | 200  | 250  | 1312 | 831  |

# Pool ladder & equipment

## Pool ladder



Stainless steel antislip step Embedded parts

### Stainless steel step pool ladder

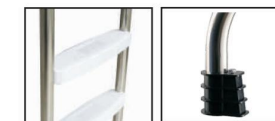
| product code (AISI-304/1.0) | product code (AISI-304/1.2) | product code (AISI-316/1.2) | model    | A mm | B mm | C mm | D mm | E mm | F mm | G mm |
|-----------------------------|-----------------------------|-----------------------------|----------|------|------|------|------|------|------|------|
| 02011001036                 | 02011005036                 | 02011009036                 | ST 215-S | 500  | 1333 | 645  | 675  | 643  | 260  | 248  |
| 02011002036                 | 02011006036                 | 02011010036                 | ST 315-S | 500  | 1581 | 645  | 675  | 643  | 260  | 248  |
| 02011003036                 | 02011007036                 | 02011011036                 | ST 415-S | 500  | 1829 | 645  | 675  | 643  | 260  | 248  |
| 02011004036                 | 02011008036                 | 02011012036                 | ST 515-S | 500  | 2075 | 645  | 675  | 643  | 260  | 248  |



Stainless steel antislip step Embedded parts

### Stainless steel antislip step pool ladder

| product code (AISI-304/1.0) | product code (AISI-304/1.2) | product code (AISI-316/1.2) | model     | A mm | B mm | C mm | D mm | E mm | F mm | G mm |
|-----------------------------|-----------------------------|-----------------------------|-----------|------|------|------|------|------|------|------|
| 02011013036                 | 02011017036                 | 02011021036                 | ST 215-SR | 500  | 1333 | 645  | 675  | 643  | 260  | 248  |
| 02011014036                 | 02011018036                 | 02011022036                 | ST 315-SR | 500  | 1581 | 645  | 675  | 643  | 260  | 248  |
| 02011015036                 | 02011019036                 | 02011023036                 | ST 415-SR | 500  | 1829 | 645  | 675  | 643  | 260  | 248  |
| 02011016036                 | 02011020036                 | 02011024036                 | ST 515-SR | 500  | 2075 | 645  | 675  | 643  | 260  | 248  |



plastic step Embedded parts

### Plastic ABS step pool ladder

| product code (AISI-304/1.0) | product code (AISI-304/1.2) | product code (AISI-316/1.2) | model    | A mm | B mm | C mm | D mm | E mm | F mm | G mm |
|-----------------------------|-----------------------------|-----------------------------|----------|------|------|------|------|------|------|------|
| 02011025036                 | 02011029036                 | 02011033036                 | ST 215-P | 500  | 1333 | 645  | 675  | 643  | 260  | 248  |
| 02011026036                 | 02011030036                 | 02011034036                 | ST 315-P | 500  | 1581 | 645  | 675  | 643  | 260  | 248  |
| 02011027036                 | 02011031036                 | 02011035036                 | ST 415-P | 500  | 1829 | 645  | 675  | 643  | 260  | 248  |
| 02011028036                 | 02011032036                 | 02011036036                 | ST 515-P | 500  | 2075 | 645  | 675  | 643  | 260  | 248  |

## Pool ladder & equipment

### Pool ladder



HL



BHL customizable

This product is made of imported AISI-304 or AISI-316 stainless steel (φ42mm) Embedded or flanged installation.



Flange



stainless steel step



stainless steel antislip step



plastic step

#### Stainless steel step pool ladder

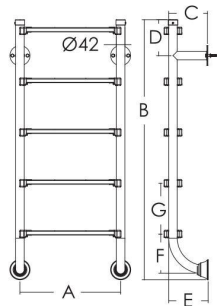
| product code (AISI-304/1.0) | product code (AISI-304/1.2) | product code (AISI-316/1.2) | model    | A mm | B mm | C mm | D mm | E mm | F mm | G mm |
|-----------------------------|-----------------------------|-----------------------------|----------|------|------|------|------|------|------|------|
| 02011001021                 | 02011005021                 | 02011009021                 | HL 215-S | 500  | 730  | 210  | 240  | 210  | 240  | 250  |
| 02011002021                 | 02011006021                 | 02011010021                 | HL 315-S | 500  | 980  | 210  | 240  | 210  | 240  | 250  |
| 02011003021                 | 02011007021                 | 02011011021                 | HL 415-S | 500  | 1230 | 210  | 240  | 210  | 240  | 250  |
| 02011004021                 | 02011008021                 | 02011012021                 | HL 515-S | 500  | 1480 | 212  | 240  | 212  | 240  | 250  |

#### Stainless steel antislip step pool ladder

| product code (AISI-304/1.0) | product code (AISI-304/1.2) | product code (AISI-316/1.2) | model     | A mm | B mm | C mm | D mm | E mm | F mm | G mm |
|-----------------------------|-----------------------------|-----------------------------|-----------|------|------|------|------|------|------|------|
| 02011001022                 | 02011005022                 | 02011009022                 | HL 215-SR | 500  | 730  | 210  | 240  | 210  | 240  | 250  |
| 02011002022                 | 02011006022                 | 02011010022                 | HL 315-SR | 500  | 980  | 210  | 240  | 210  | 240  | 250  |
| 02011003022                 | 02011007022                 | 02011011022                 | HL 415-SR | 500  | 1230 | 210  | 240  | 210  | 240  | 250  |
| 02011004022                 | 02011008022                 | 02011012022                 | HL 515-SR | 500  | 1480 | 212  | 240  | 212  | 240  | 250  |

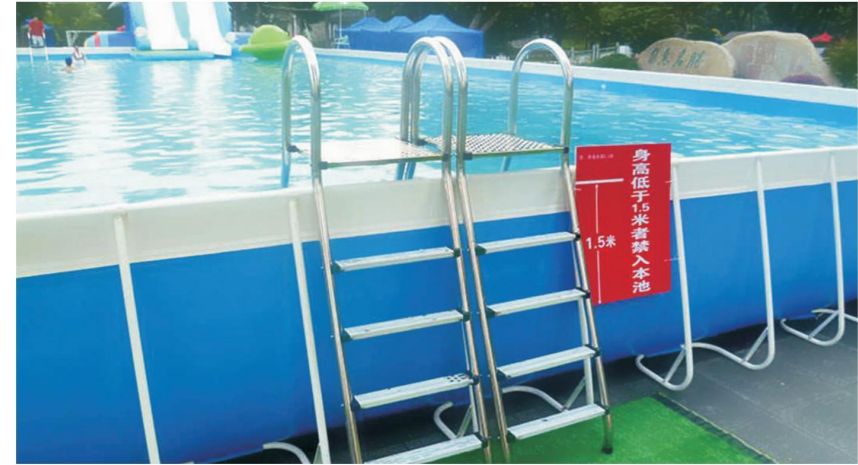
#### Plastic ABS step pool ladder

| product code (AISI-304/1.0) | product code (AISI-304/1.2) | product code (AISI-316/1.2) | model    | A mm | B mm | C mm | D mm | E mm | F mm | G mm |
|-----------------------------|-----------------------------|-----------------------------|----------|------|------|------|------|------|------|------|
| 02011001023                 | 02011005023                 | 02011009023                 | HL 215-P | 500  | 730  | 210  | 240  | 210  | 240  | 250  |
| 02011002023                 | 02011006023                 | 02011010023                 | HL 315-P | 500  | 980  | 210  | 240  | 210  | 240  | 250  |
| 02011003023                 | 02011007023                 | 02011011023                 | HL 415-P | 500  | 1230 | 210  | 240  | 210  | 240  | 250  |
| 02011004023                 | 02011008023                 | 02011012023                 | HL 515-P | 500  | 1480 | 212  | 240  | 212  | 240  | 250  |

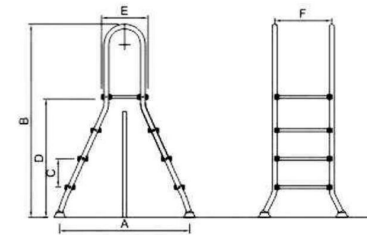


## Pool ladder & equipment

### Pool ladder



SP



#### Two side pool ladder

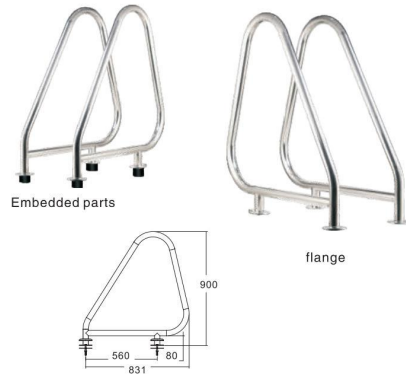
The ladder is made of stainless steel 304 with a perfectly curved design and an anti-slip surface.

| product code Combined stainless steel step | product code Combined plastic step | product code Fixed stainless steel step | product code Fixed plastic step | Item NO. | Step | A mm | B mm | C mm | D mm | E mm | F mm |
|--|------------------------------------|---|---------------------------------|----------|------|------|------|------|------|------|------|
| 02011001016                                | 02011005016                        | 02011001017                             | 02011005017                     | SP2+2    | 2+2  | 847  | 1333 | 250  | 867  | 366  | 480  |
| 02011002016                                | 02011006016                        | 02011002017                             | 02011006017                     | SP3+3    | 3+3  | 1080 | 1583 | 250  | 1117 | 366  | 480  |
| 02011003016                                | 02011007016                        | 02011003017                             | 02011007017                     | SP4+4    | 4+4  | 1314 | 1833 | 250  | 1367 | 366  | 480  |
| 02011004016                                | 02011008016                        | 02011004017                             | 02011008017                     | SP5+5    | 5+5  | 1548 | 2083 | 250  | 1617 | 366  | 480  |

## Pool ladder & equipment

### Pool handrail

#### ARA POOL HANDRAIL



This product is made of imported AISI-304 or AISI-316 stainless steel ( $\phi 42\text{mm}$ ).  
The hand rail is suitable for indoor and outdoor concrete pools and is easy to install.

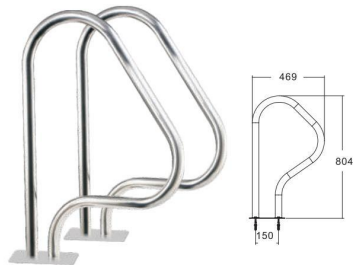
#### Embedded type

| model | description             | product code |
|-------|-------------------------|--------------|
| ARA   | AISI 304 Pool hand rail | 02011001024  |
| ARA   | AISI 316 Pool hand rail | 02011002024  |

#### Flange type

| model | description             | product code |
|-------|-------------------------|--------------|
| ARA-F | AISI 304 Pool hand rail | 02011003024  |
| ARA-F | AISI 316 Pool hand rail | 02011004024  |

#### ARB HANDRAIL

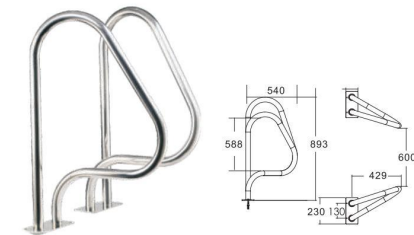


This product is made of imported AISI-304 or AISI-316 stainless steel ( $\phi 42\text{mm}$ ).

#### Flange type

| model | description             | product code |
|-------|-------------------------|--------------|
| ARB-F | AISI 304 Pool hand rail | 02011005024  |
| ARB-F | AISI 316 Pool hand rail | 02011006024  |

#### ARC HANDRAIL



This product is made of imported AISI-304 or AISI-316 stainless steel ( $\phi 42\text{mm}$ ).  
The hand rail is suitable for indoor and outdoor concrete pools and is easy to install.

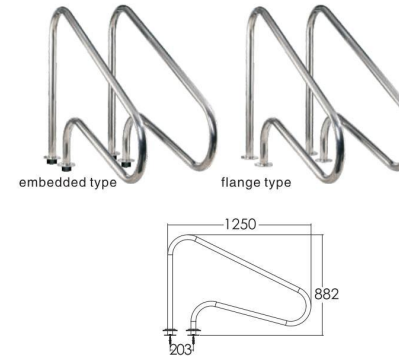
#### Flange type

| model | description             | product code |
|-------|-------------------------|--------------|
| ARC-F | AISI 304 Pool hand rail | 02011007024  |
| ARC-F | AISI 316 Pool hand rail | 02011008024  |

## Pool ladder & equipment

### Pool handrail

#### ARG HANDRAIL



This product is made of imported AISI-304 or AISI-316 stainless steel ( $\phi 42\text{mm}$ ).  
Embedded or flanged installation.

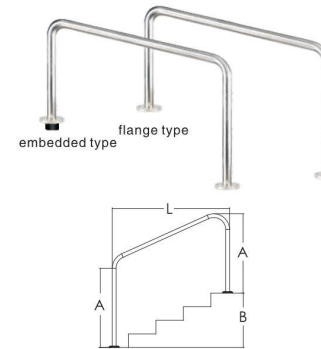
#### Embedded type

| model | description             | product code |
|-------|-------------------------|--------------|
| ARG   | AISI 304 Pool hand rail | 02011009024  |
| ARG   | AISI 316 Pool hand rail | 02011010024  |

#### Flange type

| model | description             | product code |
|-------|-------------------------|--------------|
| ARG-F | AISI 304 Pool hand rail | 02011011024  |
| ARG-F | AISI 316 Pool hand rail | 02011012024  |

#### ARN HANDRAIL



This product is made of imported AISI-304 or AISI-316 stainless steel ( $\phi 42\text{mm}$ ).  
Embedded or flanged installation. Provides 4step or 5step for choose.

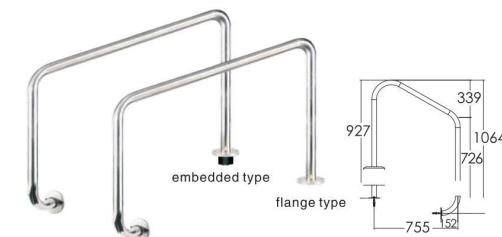
#### Embedded type

| product code (AISI-304) | product code (AISI-316) | model  | description            | L mm | A mm | B mm |
|-------------------------|-------------------------|--------|------------------------|------|------|------|
| 02011013024             | 02011014024             | ARN415 | Level 4 water handrail | 1220 | 800  | 608  |
| 02011015024             | 02011016024             | ARN515 | Level 5 water handrail | 1524 | 800  | 855  |

#### Fflange type

| product code (AISI-304) | product code (AISI-316) | model    | description            | L mm | A mm | B mm |
|-------------------------|-------------------------|----------|------------------------|------|------|------|
| 02011017024             | 02011018024             | ARN415-F | Level 4 water handrail | 1220 | 800  | 608  |
| 02011019024             | 02011020024             | ARN515-F | Level 5 water handrail | 1524 | 800  | 855  |

#### ARS HANDRAIL



This product is made of imported AISI-304 or AISI-316 stainless steel ( $\phi 42\text{mm}$ ).  
Embedded or flanged installation.

#### Embedded type

| model | description             | product code |
|-------|-------------------------|--------------|
| ARS   | AISI 304 Pool hand rail | 02011021024  |
| ARS   | AISI 316 Pool hand rail | 02011022024  |

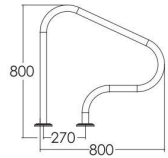
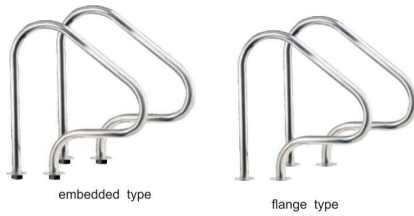
#### Flange type

| model | description             | product code |
|-------|-------------------------|--------------|
| ARS-F | AISI 304 Pool hand rail | 02011023024  |
| ARS-F | AISI 316 Pool hand rail | 02011024024  |

## Pool ladder & equipment

### Pool handrail

#### ARP HANDRAIL



This product is made of imported AISI-304 or AISI-316 stainless steel (φ42mm). Embedded or flanged installation.

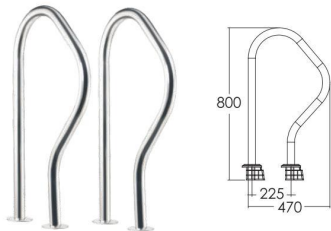
#### Embedded type

| model | description             | product code |
|-------|-------------------------|--------------|
| ARP   | AISI 304 Pool hand rail | 02011025024  |
| ARP   | AISI 316 Pool hand rail | 02011026024  |

#### Flange type

| model | description             | product code |
|-------|-------------------------|--------------|
| ARP-F | AISI 304 Pool hand rail | 02011027024  |
| ARP-F | AISI 316 Pool hand rail | 02011028024  |

#### ARV HANDRAIL

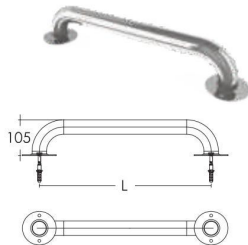


This product is made of imported AISI-304 or AISI-316 stainless steel (φ42mm). Embedded or flanged installation.

#### Flange type

| model | description             | product code |
|-------|-------------------------|--------------|
| ARV   | AISI 304 Pool hand rail | 02011029024  |
| ARV   | AISI 316 Pool hand rail | 02011030024  |

#### POOL WALL HANDRAIL



This product is made of imported AISI-304 or AISI-316 stainless steel (φ42mm). Length from 0.5 meters to 3 meters optional.

#### Flange type

| product code (AISI-304) | product code (AISI-316) | model | description                |
|-------------------------|-------------------------|-------|----------------------------|
| 02011001025             | 02011007025             | L050  | 500mm Pool wall hand rail  |
| 02011002025             | 02011008025             | L100  | 1000mm Pool wall hand rail |
| 02011003025             | 02011009025             | L150  | 1500mm Pool wall hand rail |
| 02011004025             | 02011010025             | L200  | 2000mm Pool wall hand rail |
| 02011005025             | 02011011025             | L250  | 2500mm Pool wall hand rail |
| 02011006025             | 02011012025             | L300  | 3000mm Pool wall hand rail |

## Pool ladder & equipment

### ladder accessories

This product easy install. Mainly install at pool edge.

#### Straight pipe

made of imported AISI-304 or AISI-316 stainless steel, 1 meter Straight pipe

|               |
|---------------|
| 1#            |
| With AISI-304 |
| With AISI-316 |



#### Connection pipe

made of imported AISI-304 or AISI-316 stainless steel, Connection pipe φ42mm.

|               |
|---------------|
| 2#            |
| With AISI-304 |
| With AISI-316 |



#### Bend pipe

made of imported AISI-304 or AISI-316 stainless steel, bend pipe φ42mm.

|               |
|---------------|
| 3#            |
| With AISI-304 |
| With AISI-316 |



#### Pipe cape

made of imported AISI-304 or AISI-316 stainless steel, pipe cape φ42mm. Install in straight pipe two side.

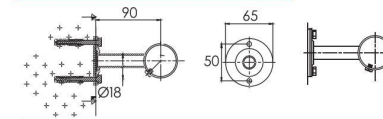
|               |
|---------------|
| 4#            |
| With AISI-304 |
| With AISI-316 |



#### Handrail group picture

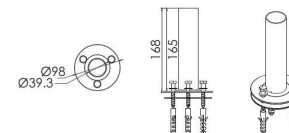
made of imported AISI-304 or AISI-316 stainless steel, suitable for concrete and vinyl pool.

|               |
|---------------|
| 5#            |
| With AISI-304 |
| With AISI-316 |

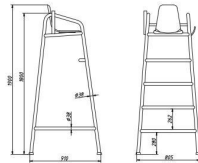


#### Flange fixed

|    |                                     |
|----|-------------------------------------|
| 6# | description                         |
|    | AISI-304 flange fixed feet one pair |
|    | AISI-316 flange fixed feet one pair |



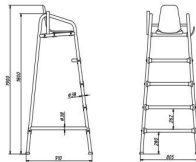
## Pool ladder & equipment Lifeguard chair



### FA-01

Life-Gaurd chair  
1900x900x800mm  
304# stationary type lifeguard chair

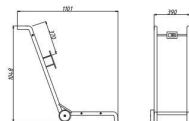
| model              | material thickness                  | product code |
|--------------------|-------------------------------------|--------------|
| stainless steel304 | FA-01B/stationary type/1.0thickness | 02011002001  |
| stainless steel304 | FA-01B/stationary type/1.2thickness | 02011011001  |



### FA-02

Life-Gaurd chair  
1900x900x800mm  
304# Combined type lifeguard chair

| model              | material thickness 1.2mm         | product code |
|--------------------|----------------------------------|--------------|
| stainless steel304 | FA-02A/Combined type round tube  | 02011003001  |
| stainless steel304 | FA-02B/Combined type ladder step | 02011004001  |



### Pump clean car ( removable)

Package Size:1420 x 710 x 60mm

| model           |                                 | product code |
|-----------------|---------------------------------|--------------|
| Wheelbarrow 304 | ST-01A/combined type big pump   | 02011001008  |
| Wheelbarrow 304 | ST-01B/combined type small pump | 02011002008  |
| Wheelbarrow 304 | ST02/stationary type            | 02011003008  |
| Wheelbarrow 304 | ST02/lengthen stationary type   | 02011004008  |

## Pool ladder & equipment Lane rope Accessories



### FLOOR ANCRAGES MURAUX GR. 13/L et GR. 13/CA

Existent en 2 versions:

GR. 13/L for liner swimming pool, including a double flange and stainless steel screw fittings;  
GR. 13CA for swimming pools in reinforced concrete and ceramic tile finish.

Existent en 2 versions:

electropolished AISI316 stainless steel;  
Square flange 80x80mm;  
With hole diameter to house a 48.3 stainless steel rod (bayonet or turn indicators) ;  
Supplied with rubber gaskets.



### BAYONET CONNECTOR Art. GR. 14

To be used with the article GR. 13 floor anchor for securing the lanes on deck level swimming pools without a headwall.

Characteristics:

Polished stainless steel;  
Tube dimensions 48. 3x1. 5mm

### DIVIDER POLES Art SCA. 4000

Made with a pole with a 48. 3mm diam. And supplied with hooks on th ends for attaching ropes or snap-hooks. With a height of 110cm. this is the ideal solution for cordoning off areas with access monitored by lifeguards.

Characteristics:

Polished stainless steel;  
Tube dimensions 48 . 3x1. 5mm.



### Q-SHAPED ROD HOLDER-Art. GR. 37

DEPA offers individual rods cut into custom sizes to be used as handrails secured to the wall.

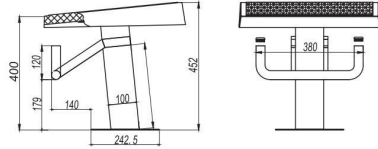
The Q shape prevents the rod to be securely fastened to the wall and to be removed by simply removing the fastening screws. The rod holder is manufactured in brushed stainless steel with an external diameter of 48. 3mm.

**Pool ladder & equipment**  
**Starting Blocks**

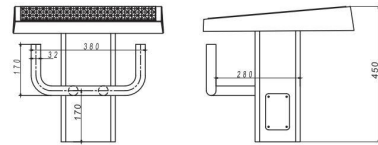
Starting platform support, handle made of high quality stainless steel, strong and durable. The panel is made of epoxy resin material with good skid resistance. The components of the entire departure platform can be moved back and forth according to the standard.



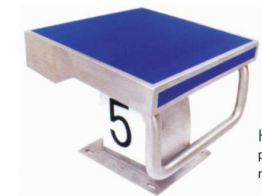
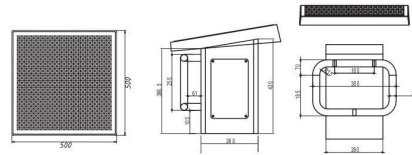
**HX-01**  
pool one-step starting blocks  
model:02010001001



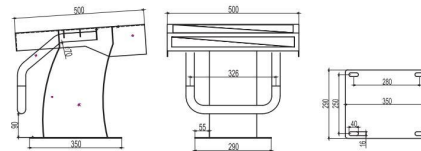
**HX-02**  
pool one-step starting blocks  
model:02010002001



**HX-03**  
pool one-step starting blocks  
model:02010003001



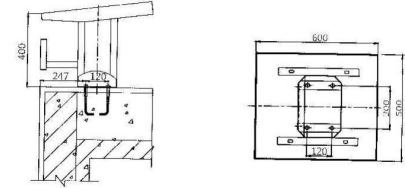
**HX-04**  
pool one-step starting blocks  
model:02010004001



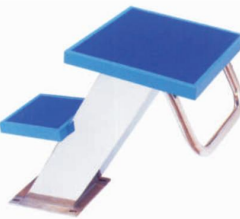
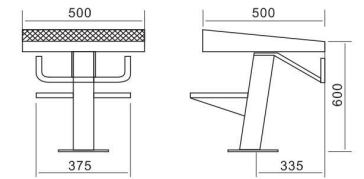
**Pool ladder & equipment**  
**Starting Blocks**



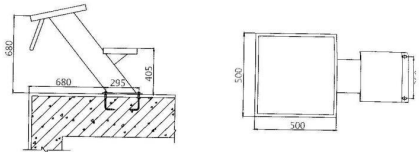
**HX-05**  
pool one-step starting blocks  
model:02010005001



**HB-01**  
Standard pool one-step starting blocks  
model:02010008001



**HB-02**  
pool two-step starting blocks  
model:02010009001



**HX-08**  
Standrad Competition Starting Block  
code:02010015001



**HX-09**  
Super Competition Starting Block  
code:02010014001



FOR RESORTS & HOTELS



## Cleaning Series >>>

## Cleaning supplies Clean system

### Manual cleaning machine(big power)



#### Model A: 02012001013

HLA-2.0HP water pump one piece  
Stainless steel 304 stationary type car one piece  
15 meter double vacuum hose  
2" elbow, 2-1.5" transition pipe  
2 meter 2" pvc pipe, 1.5" male  
Stainless steel Pollution disc 600x300mm  
M8 screw 4set  
Pollution disc 8mm/ 120meter  
Water pump wire 2x2.5m/20meter

#### Model B: 02012002013

HLA-3.0HP water pump one piece  
Stainless steel 304 stationary type car one piece  
30 meter double vacuum hose  
2" elbow, 2-1.5" transition pipe  
2 meter 2" pvc pipe, 1.5" male  
Stainless steel Pollution disc 700x400mm  
M8 screw 4set  
Pollution disc 8mm/ 120meter  
Water pump wire 2x2.5m/20meter

#### Model C: 02012003013

HLA-4.0HP water pump one piece  
Stainless steel 304 stationary type car one piece  
30 meter double vacuum hose  
2" elbow, 2-1.5" transition pipe  
2 meter 2" pvc pipe, 1.5" male  
Stainless steel Pollution disc 1000x400mm  
M8 screw 4set  
Pollution disc 8mm/ 120meter  
Water pump wire 2x2.5m/20meter

### Manual cleaning machine



#### Model A: 02012004013

HQS-1.5HP water pump 1set  
Stainless steel 304 stationary type car one piece  
15 meter single vacuum hose  
2 meter 1.5" pvc pipe, 1.5" male  
18" pool brush  
14" aluminium vacuum head  
Heavy duty Leaf skimmer  
3 meter Telescopic poles  
M8 screw 4set

#### Model B: 02012005013

HQS-2.0HP water pump 1set  
Stainless steel 304 stationary type car one piece  
15 meter single vacuum hose  
2 meter 1.5" pvc pipe, 1.5" male  
18" pool brush  
14" aluminium vacuum head  
Heavy duty Leaf skimmer  
5 meter Telescopic poles  
M8 screw 4set

#### Model C: 02012006013

HLA-2.0HP water pump 1set  
Stainless steel 304 stationary type car one piece  
15 meter single vacuum hose  
2 meter 1.5" pvc pipe, 1.5" male  
18" pool brush  
18" aluminium vacuum head  
Heavy duty Leaf skimmer  
5 meter Telescopic poles  
M8 screw 4set

## Cleaning supplies Clean system

### Hujing.Winny Swimming Pool Cleaning Robot

The Winny series is a swimming pool automatic cleaning robot developed by OCEAS of France with efficient underwater cleaning and intelligent control system.



HJ-2028

#### Product parameters

1. Input rated power: AC110V-240V
2. Frequency: 50Hz/60Hz
3. Output voltage: DC (DC) 24V
4. Rated input power: 200W
5. Rated output power: 150W
6. Work cycle: 3h/5h
7. Wire length: 20m, 30m, 40m
8. Cleaning roller width: 358mm
9. Maximum cleaning pool area: 500-1000m<sup>2</sup>
10. Water filtration: 15.5μm
11. Filtering ability: 40 μm
12. Crawling speed: 12.5m/min
13. Use temperature (water temperature) range: 10°C-32°C
14. IP rating: washing machine IP68 power box IP34
15. Working environment temperature: 10°C-40°C
16. Washing machine weight: 10.2kg
17. Package size: 78 x 63 x 32cm

| Name        | Model   | Cable length(m) Code |             |             |
|-------------|---------|----------------------|-------------|-------------|
|             |         | 20M                  | 30M         | 40M         |
| Clean robot | HJ-2028 | 02012001005          | 02012002005 | 02012003005 |



HJ-2042

#### Product parameters:

- Input voltage: 220v  
Output voltage: DC29V  
Power: 450w  
Water filtration: greater than 36m<sup>3</sup>/h  
Walking speed: 12m/min  
Wire length: 20m, 30m, 40m  
Remote control function: mobile app or wireless remote control  
Trolley: with  
Pool wall cleaning: with  
Filtration accuracy: 80um  
Operating environment temperature: 10-35 degrees

| Name        | Model   | Cable length(m) Code |             |             |
|-------------|---------|----------------------|-------------|-------------|
|             |         | 20M                  | 30M         | 40M         |
| Clean robot | HJ-2042 | 02012007005          | 02012008005 | 02012009005 |



HJ-4042

#### Product parameters

- Input voltage: 220v  
Output voltage: DC29V  
Power: 450w  
Water filtration: greater than 36m<sup>3</sup>/h  
Walking speed: 12m/min  
Power cord length: 40m  
Remote control function: mobile app or wireless remote control  
Trolley: with  
Pool wall cleaning: with  
Filtration accuracy: 80um  
Operating environment temperature: 10-35 degrees

| Name        | Model   | Cable length(m) Code |
|-------------|---------|----------------------|
|             |         | 40M                  |
| Clean robot | HJ-4042 | 02012006005          |

## Cleaning supplies Clean system

### AIPAUS Swimming Pool Cleaning Robot



S500Manual Type  
code:02012008013



K500 2 Double body automatic type  
code:02012006012



K500 Automatic Type  
code:02012009012



K500 2 Double body automatic type

AIPAUS S-series new manual swimming pool suction machine is a pool cleaning equipment that adopts the vacuum suction principle and integrates functions of walking, suction, scrubbing, filtering, drainage and remote control. The motor adopts advanced self-priming double waterproof structure to resist acid and alkali corrosion. The exterior design of the fuselage is unique. It adopts brush-washing suction cup and advanced remote control work clothes. It is fashionable and beautiful, and it is not cleaned by the pool.

| Model                  | S500 manual type                                  | K500×2 Double body automatic type                 |
|------------------------|---|---|
| Suction efficiency     | 100-300m <sup>3</sup> /h                          | 200-600m <sup>3</sup> /h                          |
| Rated power            | 1100W   | 2200W   |
| Voltage                | 220V / 50Hz / 60Hz / 24V                          | 220V / 50Hz / 60Hz                                |
| Sewage flow            | 15m <sup>3</sup> /h                               | 30m <sup>3</sup> /h                               |
| Suction width          | 50mm  | 100mm   |
| Cable length           | 15m   | 30m   |
| Walking speed          | 20m/min   | 20m/min   |
| Filter device          | high density filter bag                           | high density filter bag                           |
| Drainage device        | Floating drain pipe Length 15 m can be customized | Floating drain pipe Length 30 m can be customized |
| Handheld putter        | 5/8m  | 60m   |
| Remote control switch  | load 2kw /remote control distance 50 meters       | load 2kw /remote control distance 50 meters       |
| Product specifications | 520L×500W×460H                                    | 520L×1005W×460H                                   |

#### Features

1. With wireless remote control + mobile phone (Android) APP remote control
2. High power, strong suction, high work efficiency, greatly saving cleaning time
3. Long warranty, host warranty for 2 years
4. For some places with more pools (such as: hot spring resort, water park, etc.), there is higher work efficiency, that is: small pool can be operated by single person remote control, large pool can be automatically operated, and the existing automatic suction machine is changed. Low work efficiency, heavy work of manual suction machine
5. For some large swimming pools, if you use a manual suction machine for two people, using AIPAUS new pool suction machine can save 1 person's labor cost, and make work easier (just sit in the shade) Remote control)

| Model                  | K500 Automatic type   | K500×2 Double body automatic type                            |
|------------------------|---|--|
| Suction efficiency     | 250-400m <sup>3</sup> /h                                    | 500-800m <sup>3</sup> /h                                     |
| Rated power            | 1150W   | 2300W  |
| Voltage                | 220V/50Hz/60Hz/24V  | 220V / 50Hz / 60Hz / 24V                                     |
| Sewage flow            | 15m <sup>3</sup> /h   | 30m <sup>3</sup> /h  |
| Suction width          | 50mm  | 100mm  |
| Cable length           | 30m   | 30m  |
| Walking speed          | 10m/min   | 10m/min  |
| Filter device          | high density filter bag                                     | high density filter bag                                      |
| Drainage device        | Floating drain pipe Length 30m can be customized            | Floating drain pipe Length 30m can be customized             |
| Walking structure      | Lubber crawler  | Lubber crawler   |
| Remote control         | device 360-degree walking, remotecontrol distance 50 meters | device 360-degree walking, remote control distance 50 meters |
| Product specifications | 520L × 500W × 460H  | 520L × 1005W × 460H  |
| Body material          | ABS/reinforced nylon/stainless steel                        | ABS/reinforced nylon/stainless steel                         |
| Weight                 | 18KG  | 18KG   |
| Waterproof level       | IP68  | IP68   |



## Cleaning supplies Cleaning Equipment



DW 001  
animal Floating water thermometer  
code: 02010001007



JSG01  
Life safety hook  
code: 02010005000



PAC 02A  
Automatic vacuum machine  
code: 02012001012



T2  
Automatic vacuum machine  
code: 02012002012



DZ 001  
Electronic test pen  
code: 02010002000



PJV 03  
vacuum head with poles  
code: 02012003014



PJV 01  
vacuum head with poles  
code: 02012001014



PJV 02  
vacuum head with poles  
code: 02012002014



Telescopic poles  
code: 02012001009 size: 2'1.5/3m  
code: 02012002009 size: 3'1.0/3m  
code: 02012003009 size: 2'2.5/5m  
code: 02012004009 size: 2'3.5/7m  
code: 02012005009 size: 2'4.0/8m  
code: 02012006009 size: 2'4.5/9m



hose collection machine ( without hose)  
code: 02012001015 (CBX/9M9M)  
code: 02012002015 (CBX/13M13M)



Life safety rings  
JSQ01  
Code : 02010006000



safety rings  
JSQ02  
Code : 02010012000



double vacuum hose 1.5"  
code: 02012001004 (9m)  
code: 02012002004 (12m)  
code: 02012003004 (15m)  
code: 02012004004 (30m)



single vacuum hose 1.5"  
code: 02012001003 (9m)  
code: 02012002003 (12m)  
code: 02012003003 (15m)  
code: 02012004003 (30m)



14"/18" black-white straight  
elasticity vacuum head  
code: 02012001011 ( 18" )



PVH-08 vacuum head  
code: 02012001011



14"/18" blue side standard steel  
straight elasticity vacuum head  
code: 02012009011 ( 14" )  
code: 02012012011 ( 18" )



14"/18" aluminium straight  
elasticity vacuum head  
code: 02012002011 ( 14" )  
code: 02012003011 ( 18" )



PVH-12 pool wall brush  
code: 02012017011



blue whit straight elasticity  
code: 02012008011



PVH-05 vacuum head  
code: 02012015011



triangle vacuum head  
code: 02012005011

## Cleaning supplies Cleaning Equipment

## Cleaning supplies Cleaning Equipment



triangle visible vacuum head  
code: 02012004011



PVH-02 half-moon vacuum head  
code: 02012001011



PVH-04 half-moon vacuum head  
code: 02012014011



PVH-03 vacuum head  
code: 02012020011



7" Pills float bowl  
code: 02005002019



9" Pills float bowl  
code: 02005003019



PD-04 medicine cup  
code: 02005004019



PD-1001 medicine cup  
code: 02005005019



PD-1002 medicine cup  
code: 02005006019



PD-1003 medicine cup code: 02005007019  
PD-1004 medicine cup code: 02005008019



PD-1005 medicine cup  
code: 02005009019



PD-1006 medicine cup  
code: 02005010019

## Cleaning supplies Cleaning Equipment



code: 02012003002  
aluminum shank wall brush 18"/45cm  
Deluxe wall brush  
with aluminum back.



10" steel wire wall brush  
code: 02012001001



18" standard wall brush  
code: 02012002002



PVH-17BU  
luxury vacuum wall brush  
code: 02012001016



PVH-17CB  
luxury vacuum wall brush  
code: 02012002016



PVH-17CS  
luxury vacuum wall brush  
code: 02012003016



PLS1001BU  
luxury shallow water leaf skimmer  
code: 02012006010



PDRS1001BU  
luxury deep water leaf skimmer  
code: 02012007010



PLS-02  
aluminum shank shallow  
water leaf skimmer  
code: 02012008010



PDRS-05  
aluminum shank deep water  
leaf skimmer  
code: 02012009010



PLS-04  
white-side shallow water  
leaf skimmer  
code: 02012011010



PDRS-03  
white-side deep water  
leaf skimmer  
code: 02012010010



Economy deep  
bag skimmer.  
code: 02012002010



Standard leaf skimmer.  
code: 02012001010



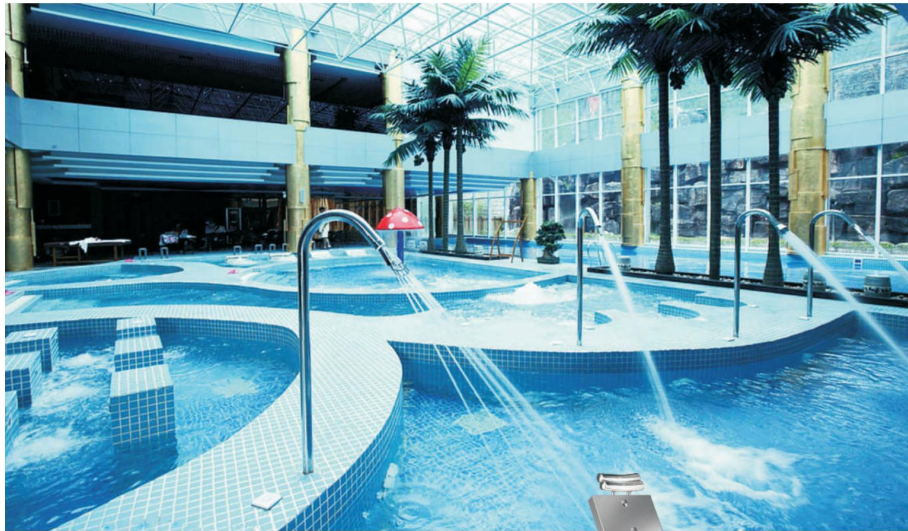
Heavy duty plastic leaf rake  
with long wearing mesh.  
code: 02012005010



Heavy duty plastic  
leaf skimmer with  
long wearing mesh.  
code: 02012004010



FOR RESORTS & HOTELS



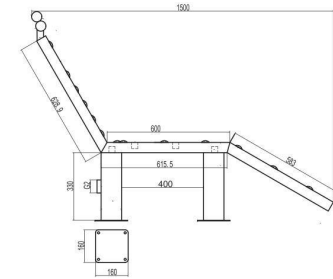
Spa series >>>



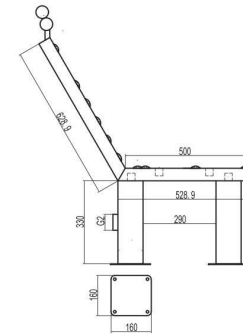
Spa series  
Standard steel spa massage bed



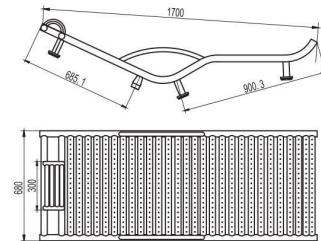
code: 03005002011  
new style standard steel  
massage bed SF-01\*



code: 03005001011  
standard steel massage bed SF-01



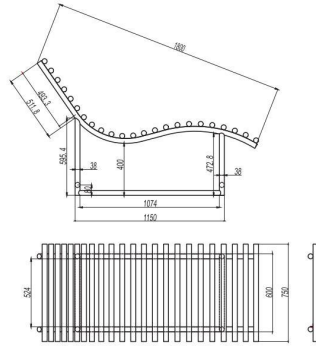
code: 03005003011  
standard steel bubble bed SF-03  
1700 x 680mm



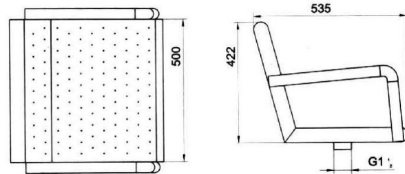
**Spa series**  
Standard steel spa massage bed



code: 03005004011  
standard steel bubble bed SF-04  
Size:1700 x 680mm



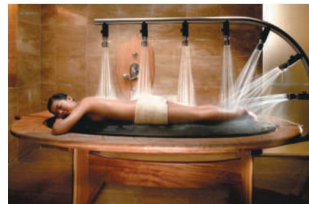
code: 03005001014  
standard steel bubble chair  
Size:600 x 500mm



wooden spa massage bed /with pole  
Code: 03004008003



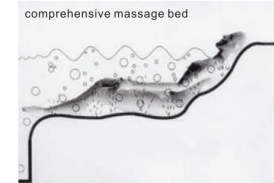
product package:1800X1400X800mm  
package size:1850X700X850mm ( 2pcs )



**Spa series**  
Standard steel spa massage bed



Hydraulic massage bed  
Size:1800 x 700mm  
code: 03004001003 9 holes, 3/4", Acrylic  
code: 03004002003 9 holes, 1", Acrylic  
code: 03004003003 11 holes, 3/4", Acrylic  
code: 03004004003 11 holes, 1", Acrylic

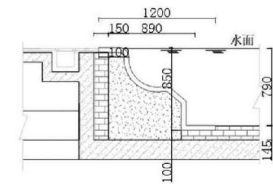


comprehensive massage bed



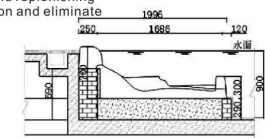
Use hot water to dip and let the body's pores open quickly, and there are multiple sets of massage jets on the shoulders and backs of the human body. Massage the buttocks and soles.

Code:03004002004  
Space massage chair  
ModelNo.:VTSPA-15  
Material:Acrylic  
Size:850 x 750mm

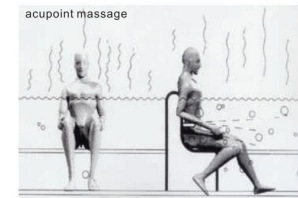


Thousands of subtle bubbles of aerobic water rush out from the back of the chair cushion, enveloping the human body, forming a water film on the surface of the skin, delicately stroking the skin of the human body and walking holes, on the one hand, restoring the tension and elasticity of the skin and replenishing the water. On the other hand, it can relieve tension and eliminate

Code:03004009003  
Space massage bed  
ModelNo.:VTSPA-15  
Material:Acrylic  
Size:1996 x 880mm



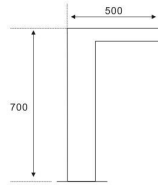
code: 03004001004  
Hydraulic massage chair  
Size:600 x 900mm



acupoint massage

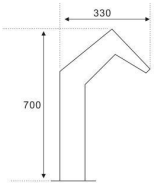
## Spa waterfall

02' WATERFALL



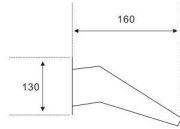
| product code | size:W(mm)       |
|--------------|------------------|
| 03003001001  | 700 x 500 x 300  |
| 03003002001  | 700 x 500 x 500  |
| 03003003001  | 700 x 500 x 700  |
| 03003004001  | 700 x 500 x 1000 |

03# WATERFALL



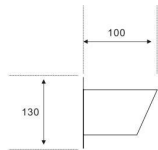
| product code | size: W(mm) |
|--------------|-------------|
| 03003001003  | 700 x 150   |
| 03003002003  | 700 x 300   |
| 03003003003  | 700 x 500   |
| 03003004003  | 700 x 700   |
| 03003005003  | 700 x 1000  |

B06' WATER CURTAIN



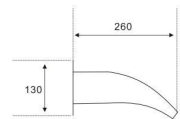
| product code | size: W(mm)      |
|--------------|------------------|
| 03003001007  | 130 x 160 x 300  |
| 03003002007  | 130 x 160 x 500  |
| 03003003007  | 130 x 160 x 700  |
| 03003004007  | 130 x 160 x 1000 |

C04# WATERFALL



| product code | size: W(mm)      |
|--------------|------------------|
| 03003001005  | 130 x 100 x 300  |
| 03003002005  | 130 x 100 x 500  |
| 03003003005  | 130 x 100 x 700  |
| 03003004005  | 130 x 100 x 1000 |

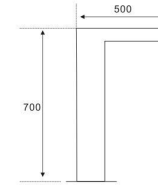
A06' WATER CURTAIN



| product code | size: W(mm)      |
|--------------|------------------|
| 03002001004  | 130 x 260 x 300  |
| 03002002004  | 130 x 260 x 500  |
| 03002003004  | 130 x 260 x 700  |
| 03002004004  | 130 x 260 x 1000 |

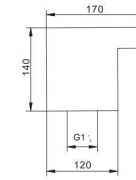
## Spa waterfall

02A' WATERFALL



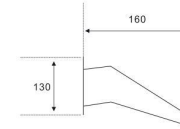
| product code | size: W(mm)      |
|--------------|------------------|
| 03003001002  | 700 x 500 x 300  |
| 03003002002  | 700 x 500 x 500  |
| 03003003002  | 700 x 500 x 700  |
| 03003004002  | 700 x 500 x 1000 |

08# WATERFALL



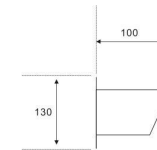
| product code | size: W(mm) |
|--------------|-------------|
| 03003001008  | 140 x 300   |
| 03003002008  | 140 x 500   |
| 03003003008  | 140 x 700   |
| 03003004008  | 140 x 1000  |

B04' WATERFALL



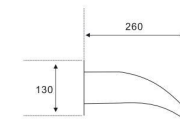
| product code | size: W(mm)      |
|--------------|------------------|
| 03003001004  | 130 x 160 x 300  |
| 03003002004  | 130 x 160 x 500  |
| 03003003004  | 130 x 160 x 700  |
| 03003004004  | 130 x 160 x 1000 |

C04' WATERFALL



| product code | size: W(mm)      |
|--------------|------------------|
| 03003001006  | 130 x 100 x 300  |
| 03003002006  | 130 x 100 x 500  |
| 03003003006  | 130 x 100 x 700  |
| 03003004006  | 130 x 100 x 1000 |

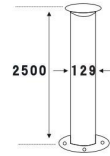
A04' WATER CURTAIN



| product code | size: W(mm)      |
|--------------|------------------|
| 03002001003  | 160 x 250 x 300  |
| 03002002003  | 160 x 250 x 500  |
| 03002003003  | 160 x 250 x 700  |
| 03002004003  | 160 x 250 x 1000 |

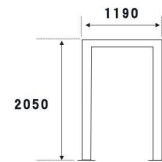
## Spa waterfal

SF-01\*  
WATER UMBRELLA



| product code | size: W(mm) |
|--------------|-------------|
| 03005001016  | 2050 x 129  |
| 03005002016  | 2150 x 129  |
| 03005003016  | 2350 x 129  |
| 03005004016  | 2500 x 129  |

SHOWER SYSTEM



| product code | size: W(mm) |
|--------------|-------------|
| 03005003014  | 2050 x 1190 |
| 03005004014  | 2050 x 1240 |
| 03005005014  | 2050 x 1290 |
| 03005006014  | 2050 x 1390 |

pipe Vichy bath  
can customized



| product code | model   | size                   | connection |
|--------------|---------|------------------------|------------|
| 03005007014  | FL-B026 | 1200*220<br>*2600*1900 | 2"         |

panel Vichy bath



| product code | model    | size                   | connection |
|--------------|----------|------------------------|------------|
| 03005008014  | FL-B024A | 1200*200<br>*2600*1900 | 2"         |
| 03005009014  | FL-B024B | 1200*300<br>*2600*1900 | 2"         |
| 03005010014  | FL-B024C | 1300*300<br>*2600*1900 | 2"         |
| 03005011014  | FL-B024D | 1500*200<br>*2600*1900 | 2"         |
| 03005012014  | FL-B024E | 1500*300<br>*2600*1900 | 2"         |

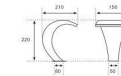
Body bath  
Can do combined type



| product code | model   | size     | connection |
|--------------|---------|----------|------------|
| 03005015014  | FL-B019 | 900*1500 | 1.5"       |

## Spa series SPA Waterfall Nozzles

001\*WATER CURTAIN



| Item:        | garden pond waterfall(water curtain) | product code | size: W(mm) |
|--------------|--------------------------------------|--------------|-------------|
| Dimension:   | mm(H*W)                              | 03002001001  | 350 x 105   |
| Thickness:   | 1.5mm                                | 03002002001  | 650 x 300   |
| Material:    | #304 stainless steel                 | 03002003001  | 700 x 500   |
| Water Inlet: | 1.5" size, in the bottom             | 03002004001  | 800 x 700   |
| Package:     | plastic film + wooden frame          | 03002005001  | 1000 x 500  |
|              |                                      | 03002006001  | 1100 x 500  |

04# WATER CURTAIN



| Item:        | garden pond waterfall(water curtain) | product code | size: W(mm) |
|--------------|--------------------------------------|--------------|-------------|
| Dimension:   | mm(H*W)                              | 03002001002  | 300 x 600   |
| Thickness:   | 1.5mm                                | 03002002002  | 500 x 600   |
| Material:    | #304 stainless steel                 | 03002003002  | 700 x 600   |
| Water Inlet: | 1.5" size, in the bottom             | 03002004002  | 1000 x 600  |
| Package:     | plastic film + wooden frame          |              |             |

11# WATER CURTAIN



| Item:        | garden pond waterfall(water curtain) | product code | size: W(mm) |
|--------------|--------------------------------------|--------------|-------------|
| Dimension:   | mm(H*W)                              | 03002001007  | 250 x 105   |
| Thickness:   | 1.5mm                                | 03002002007  | 650 x 300   |
| Material:    | #304 stainless steel                 | 03002003007  | 700 x 500   |
| Water Inlet: | 1.5" size, in the bottom             | 03002004007  | 800 x 700   |
| Package:     | plastic film + wooden frame          | 03002005007  | 1000 x 1000 |

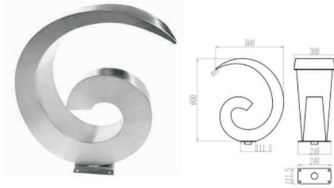
12# WATER CURTAIN



| Item:        | garden pond waterfall(water curtain) | product code | size: W(mm) |
|--------------|--------------------------------------|--------------|-------------|
| Dimension:   | mm(H*W)                              | 03002001008  | 350 x 105   |
| Thickness:   | #304 stainless steel                 | 03002002008  | 650 x 300   |
| Material:    | 1.5" size, in the bottom             | 03002003008  | 600 x 500   |
| Water Inlet: | plastic film + wooden frame          | 03002004008  | 700 x 500   |
| Package:     |                                      | 03002005008  | 800 x 500   |
|              |                                      | 03002006008  | 1100 x 500  |

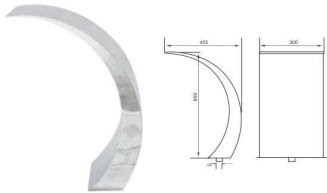
## Spa series SPA Waterfall Nozzles

### 02#WATER CURTAIN



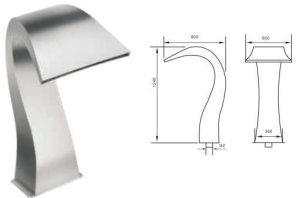
|              |                                      |              |             |
|--------------|--------------------------------------|--------------|-------------|
| Item:        | garden pond waterfall(water curtain) | product code | size: W(mm) |
| Dimension:   | mm(H*W)                              | 03002002013  | 600 x 300   |
| Thickness:   | 1.5mm                                | 03002004013  | 700 x 500   |
| Material:    | #304 stainless steel                 | 03002005013  | 800 x 700   |
| Water Inlet: | 1.5" size, in the bottom             |              |             |
| Package:     | plastic film + wooden frame          |              |             |

### 03#WATER CURTAIN



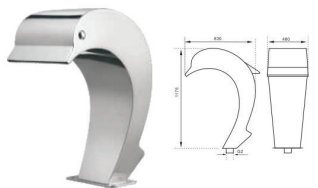
|              |                                      |              |             |
|--------------|--------------------------------------|--------------|-------------|
| Item:        | garden pond waterfall(water curtain) | product code | size: W(mm) |
| Dimension:   | mm(H*W)                              | 03002015010  | 300 x 600   |
| Thickness:   | 1.5mm                                | 03002013011  | 500 x 300   |
| Material:    | #304 stainless steel                 | 03002014011  | 600 x 300   |
| Water Inlet: | 1.5" size, in the bottom             | 03002015011  | 700 x 500   |
| Package:     | plastic film + wooden frame          | 03002016011  | 1000 x 600  |

### 08#WATER CURTAIN



|              |                                      |              |             |
|--------------|--------------------------------------|--------------|-------------|
| Item:        | garden pond waterfall(water curtain) | product code | size: W(mm) |
| Dimension:   | mm(H*W)                              | 03002001005  | 300 x 160   |
| Thickness:   | 1.5mm                                | 03002002005  | 805 x 470   |
| Material:    | #304 stainless steel                 | 03002003005  | 805 x 470   |
| Water Inlet: | 1.5" size, in the bottom             | 03002004005  | 1240 x 600  |
| Package:     | plastic film + wooden frame          |              |             |

### 09# WATER CURTAIN



|              |                                      |              |             |
|--------------|--------------------------------------|--------------|-------------|
| Item:        | garden pond waterfall(water curtain) | product code | size: W(mm) |
| Dimension:   | mm(H*W)                              | 03002001006  | 410 x 168   |
| Thickness:   | 1.5mm                                | 03002002006  | 1175 x 480  |
| Material:    | #304 stainless steel                 | 03002003006  | 1250 x 500  |
| Water Inlet: | 1.5" size, in the bottom             | 03002004006  | 1250 x 800  |
| Package:     | plastic film + wooden frame          | 03002005006  | 1250 x 1000 |
| Package:     |                                      | 03002006006  | 755 x 400   |

## Spa series spa equipment



Fan shape nozzle

| product code | model   | name             | size  | connection |
|--------------|---------|------------------|-------|------------|
| 03001008006  | FL-B007 | Fan shape nozzle | 100mm | 1.5"       |



Universal jade nozzle

| product code | model   | name                  | size  | connection |
|--------------|---------|-----------------------|-------|------------|
| 03001013006  | FL-A016 | universal jade nozzle | 100mm | 1.5"       |



3holes nozzle      Single hole nozzle

| product code | model   | name               | size   | connection |
|--------------|---------|--------------------|--------|------------|
| 03001019006  | FL-A028 | single hole nozzle | φ-10mm | 3/4"       |
| 03001022006  | FL-A029 | 3holes nozzle      | φ-10mm | 3/4"       |



Universal Phoenix nozzle

| product code | model   | name                     | size  | connection |
|--------------|---------|--------------------------|-------|------------|
| 03001009006  | FL-B008 | universal phoenix nozzle | 100mm | 1.5"       |



Round 5 hole nozzle      Round 3 hole nozzle

| product code | model   | name                | size  | connection |
|--------------|---------|---------------------|-------|------------|
| 03001017006  | FL-B025 | round 5 hole nozzle | 100mm | 1.5"       |
| 03001018006  | FL-B026 | round 3 hole nozzle | 100mm | 1.5"       |



Flat 4 hole nozzle

| product code | model   | name               | size  | connection |
|--------------|---------|--------------------|-------|------------|
| 03001016006  | FL-A018 | flat 4 hole nozzle | 100mm | 1.5"       |



Universal gas nozzle

| product code | model   | name                 | size  | connection |
|--------------|---------|----------------------|-------|------------|
| 03001007006  | FL-B004 | Universal gas nozzle | 100mm | 1.5"       |



Universal hammer nozzle

| product code | model   | name                    | size | connection |
|--------------|---------|-------------------------|------|------------|
| 03001006006  | FL-B003 | universal hammer nozzle |      | 1.5"       |



Duck nozzle

| product code | model    | name        | size  | connection |
|--------------|----------|-------------|-------|------------|
| 03001001006  | FL-B001A | duck nozzle | 80mm  | 1.5"       |
| 03001002006  | FL-B001B | duck nozzle | 100mm | 1.5"       |
| 03001003006  | FL-B001C | duck nozzle | 150mm | 1.5"       |
| 03001004006  | FL-B001D | duck nozzle | 200mm | 1.5"       |



Rain nozzle

| product code | model   | name        | size | connection |
|--------------|---------|-------------|------|------------|
| 03001005006  | FL-B002 | rain nozzle |      | 1.5"       |



Universal copper chrome nozzle

| product code | model   | size | connection |
|--------------|---------|------|------------|
| 03001011006  | FL-B013 | 100  | 1.5"       |
| 03001012006  | FL-B014 | 150  | 1.5"       |



FLoat shower

| product code | model    | size    | connection |
|--------------|----------|---------|------------|
| 03005001005  | FL-B015A | 350*350 | 1.5"       |
| 03005002005  | FL-B015B | 350*350 | 1.5"       |

## Spa series spa equipment



Bubble panel

| product code | model    | size    | connection     |
|--------------|----------|---------|----------------|
| 03005003006  | FL-B013A | 350*350 | 1.5"Top mount  |
| 03005004006  | FL-B013B | 350*350 | 1.5"Side mount |



Foot massage

| product code | model   | size   | connection |
|--------------|---------|--------|------------|
| 03005003009  | FL-B018 | 260x50 | 1"         |



bubble panel

| product code | model    | size | connection     |
|--------------|----------|------|----------------|
| 03005001006  | FL-B010A | Φ300 | 1.5"Top mount  |
| 03005002006  | FL-B010B | Φ300 | 1.5"Side mount |



Foot massage

| product code | model    | size    | connection     |
|--------------|----------|---------|----------------|
| 03005001009  | FL-B014A | 350*350 | 1.5"Top mount  |
| 03005002009  | FL-B014B | 350*350 | 1.5"Side mount |



Top shower

| product code | model   | size | connection |
|--------------|---------|------|------------|
| 03001010006  | FL-B011 | Φ300 | 1.5"       |



Prefabricated main drain  
for concrete pool  
for liner pool

| product code | model       | size              |
|--------------|-------------|-------------------|
| 02010040022  | FL-20150805 | 330 × 507 × 350mm |



Prefabricated main drain  
for concrete pool  
for liner pool

| product code | model       | size              |
|--------------|-------------|-------------------|
| 02010041022  | FL-20150806 | 400 × 400 × 240mm |



Prefabricated main drain  
for concrete pool  
for liner pool

| product code | model       | size             |
|--------------|-------------|------------------|
| 02010042022  | FL-20150802 | 150 × 150 × 99mm |



Prefabricated main drain  
for concrete pool  
for liner pool

| product code | model       | size              |
|--------------|-------------|-------------------|
| 02010043022  | FL-20150803 | 150 × 150 × 100mm |



Stainless steel water mushroom

| product code | model  | size      | connection |
|--------------|--------|-----------|------------|
| 03005001008  | VT302A | 800*2200  | 2"         |
| 03005002008  | VT302B | 1000*2200 | 2"         |
| 03005003008  | VT302C | 1200*2200 | 2"         |
| 03005004008  | VT302D | 1400*2200 | 2"         |
| 03005005008  | VT302E | 1500*2200 | 2"         |



Sauna automatic sprinkler

| product code | model    | size      | connection |
|--------------|----------|-----------|------------|
| 03005018014  | FL-B023A | 210*85mm  | 1.5"       |
| 03005019014  | FL-B023B | 320*135mm | 1.5"       |



Vacuum head

| product code | model    | size     | connection |
|--------------|----------|----------|------------|
| 03005001007  | FL-A009A | 600*300  | 1.5"       |
| 03005002007  | FL-A009B | 700*400  | 1.5"       |
| 03005003007  | FL-A009C | 1000*400 | 2"         |



Water Hedgehog

| product code | model    | size | connection |
|--------------|----------|------|------------|
| 03005022014  | FL-B029A | Φ500 | 2"         |
| 03005023014  | FL-B029B | Φ600 | 2"         |
| 03005024014  | FL-B029C | Φ800 | 2"         |



Double impact nozzle

| product code | model    | size | connection |
|--------------|----------|------|------------|
| 03001020006  | FL-B028A | Φ200 | 1.5"       |
| 03001021006  | FL-B028B | Φ250 | 1.5"       |



Stainless butt massage

| product code | model   | size    | connection |
|--------------|---------|---------|------------|
| 03005025014  | FL-B110 | 400*250 | 1.5"       |



Spring nozzle

| product code | model    | size | connection       |
|--------------|----------|------|------------------|
| 03005001010  | FL-B012A | Φ300 | 1.5"Bottom mount |
| 03005002010  | FL-B012B | Φ300 | 1.5"Side mount   |



Float shower

| product code | model   | size | connection |
|--------------|---------|------|------------|
| 03005017014  | FL-C011 |      | 1.5"       |



water gun  
color can custom make

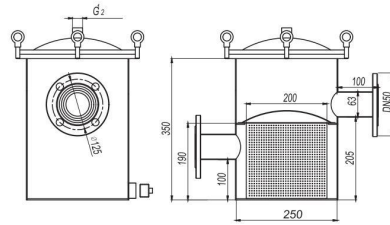
| product code | model  | color       | connection |
|--------------|--------|-------------|------------|
| 03005021014  | Vt134  | 304 SS304   | 1.5"       |
| 03005002014  | Vt134A | Spray paint | 1.5"       |



stainless pre-filter



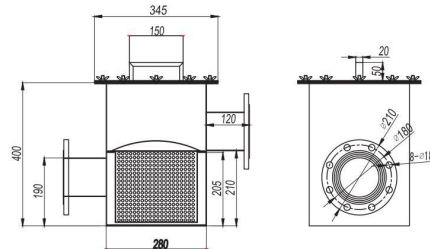
| product code<br>Stainless steel 304 | model  | connection |
|-------------------------------------|--------|------------|
| 03005021003                         | VT135B | DN50       |
| 03005020003                         | VT135C | DN65       |
| 03005025003                         | VT135D | DN80       |
| 03005017003                         | VT135E | DN100      |
| 03005026003                         | VT135F | DN125      |
| 03005019003                         | VT135G | DN150      |
| 03005018003                         | VT135H | DN200      |
| 03005027003                         | VT135I | DN250      |



stainless pre-filter



| product code<br>Stainless steel 304 | model  | size(mm)        | connection |
|-------------------------------------|--------|-----------------|------------|
| 03005001002                         | VT135A | 160 x 220 x 250 | DN40       |
| 03005001003                         | VT135A | 160 x 220 x 250 | DN40       |
| 03005002002                         | VT135B | 170 x 280 x 320 | DN50       |
| 03005002003                         | VT135B | 170 x 280 x 320 | DN50       |
| 03005003002                         | VT135C | 220 x 280 x 320 | DN65       |
| 03005003003                         | VT135C | 220 x 280 x 320 | DN65       |
| 03005004002                         | VT135D | 230 x 290 x 350 | DN80       |
| 03005004003                         | VT135D | 230 x 290 x 350 | DN80       |
| 03005005002                         | VT135E | 280 x 345 x 400 | DN100      |
| 03005005003                         | VT135E | 280 x 345 x 400 | DN100      |
| 03005006002                         | VT135F | 300 x 370 x 430 | DN125      |
| 03005006003                         | VT135F | 300 x 370 x 430 | DN125      |
| 03005007002                         | VT135G | 350 x 430 x 500 | DN150      |
| 03005007003                         | VT135G | 350 x 430 x 500 | DN150      |
| 03005008002                         | VT135H | 388 x 479 x 625 | DN200      |
| 03005008003                         | VT135H | 388 x 479 x 625 | DN200      |



FL-A001 Golden duck shower Code: 03005003001  
 FL-A002 Golden rain shower Code: 03005002001  
 FL-A003 Stronger waist shower Code: 03005008001  
 FL-A014 Alien shower Code: 03005019001  
 FL-A015 Gooseneck shower Code: 03005004001  
 FL-A016 Shoulder waist shower Code: 03005006001  
 FL-A005 Fake duck shower Code: 03005005001  
 FL-A006 Waterfall duck shower Code: 03005007001



FL-A007 Fan shape shower Code: 03005013001  
 FL-A008 Universal Phoenix shower Code: 03005021001  
 FL-A004 Universal gas shower Code: 03005020001  
 FL-A003 Universal strength shower Code: 03005022001  
 FL-A011 Back massage shower Code: 03005001001  
 FL-A017 Snack shower Code: 03005014001  
 FL-A012 Waterfall shower Code: 03005016001 (400mm)  
 Code: 03005017001 (500mm)  
 Code: 03005018001 (600mm)



FL-C001 Ball rain shower Code: 03005009001  
 FL-C002 Ball Universal phoenix shower Code: 03005010001  
 FL-C003 Ball Universal hammer shower Code: 03005011001  
 FL-C004 Ball Universal duck shower Code: 03005012001  
 FL-C005 New Rain shower Code: 03005023001  
 FL-C006 New Universal duck shower Code: 03005024001  
 FL-C007 Snail shower Code: 03005014014  
 FL-C008 Double shower Code: 03005015001

Aqua Bike (Fashion)



Waterproof PU material saddle

Human engineering design, integrated shaped arc technology suspension bow, to supply suitable shock absorption function, at the same time provide strong support, with best elastic and toughness pan can bring you comfortable feeling.



Adjustable handle

Humanized unique design According to personal requirement for the saddle and handle, can up and down adjust the adjust handle Satisfied various types of training pose.



Adjustable fastened

Made in Italy, original import.



Toggle water blade

Precise stainless steel mould made; Toggle water blade increase resistance Move speed faster, the resistance larger.



Adjustable steps

Steps can be automatic adjust to horizon Color can be customized



Aqua Bike (Honorable)



waterproof PU material seat

Suitable for body design, Use one mould to make shape and strike-proof. Provide good reduce strike function also provide strength support. Soft base provide comfortable feeling.



Adjust support

Unique design. Can adjust the seat and direction through support front and behind, up and down. Can meet different kind excise pose.

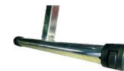


Direction with round arc shape. More safe and more active. Stainless pipe use welding and perfect polish technic.



Translucent shield

More fashion and more dynamic



Pipe plug and moving wheel in one More simple and beautiful. Color can custom make.



Adjustable fixed handle

Made from Italy, original type, import style.



Adjustable step

Step can adjust to level Color can custom make.



Water blade

Made by stainless mould Water blade can increase resistance Movement speed more fast, resistance more heavy.



Bend pipe to make shape. Beautiful lines Without angles, more safe

Specification:

Dimension: 1000 x 580 x 1120mm  
Packing Dimension: 1025 x 885 x 220mm  
Net weight: 14KG  
Material: ANSI 316L

Features:

The aqua bike designed for exercise in swimming pool. Seat are adjustable, handlebars are adjustable. The resistance are adjustable with propeller. Colorful pedal and caps decorate the bike more beautiful. Light weight, easy to transport. High quality, well-designed and reasonable price.

Specification:

Dimension: 1125 x 580 x 1090mm  
Packing Dimension: 1040 x 885 x 220mm  
Net weight: 17KG  
Material: ANSI 316L

Features:

The aqua bike designed for exercise in swimming pool. Seat are adjustable, handlebars are adjustable. Resistance will increase with speed. Semitransparent streamline shield are more dynamic.

Aqua Bike (Fancist)



Waterproof PU material saddle

Ergonomically designed the integrated curved technology suspension suspension bow provides suitable shock absorption while providing strong support, and the elastic toughness of the bottom case provides a comfortable feel.



Semi-transparent

protective guard, the popular design is more dynamic, stainless steel resistance adjustment handle

stepless adjustable resistance of the handle

double resistance design [mechanical + water flow]



The pipe plug and the moving wheel are combined in one, which is more simple and beautiful; the color can be customized.



The frame is curved to form the atmosphere; the lines are beautiful and the corners are safer.



Adjustable frame

User-friendly and unique design, according to individual needs, the saddle and the handle part can be adjusted up and down through the adjustment frame; it can meet a variety of exercise postures;



The handle can be adjusted

The handle is streamlined and designed to be safer and more dynamic; the stainless steel tube end face is welded with stainless steel plate and carefully polished by hand.



Adjustable fastening handle

made in Italy, imported purely.



Adjustable pedal

the pedal can be automatically adjusted to level; color can be customized



Water wheel

Precision stainless steel casting, water-repellent blades increase resistance.

Aqua Walker



Small handle  
Can rotatable, various types clench handle ways

Arm swing tube  
Double pipes design, increase stability, and large improve safety.

Double axis connection, increase safety stability.

Steps  
Wide steps, increase safety.

Whole machine foldable, reduce floor area, easy to remove.

Specification:

Dimension:1125 × 580 × 1090mm  
Packing Dimension:1040 × 885 × 220mm  
Net weight:20KG  
Material:ANSI 316L

Features:

The aqua bike designed for exercise in swimming pool. Seat are adjustable, handlebars are adjustable. Two ways resistance, friction on the propeller and water flow. We designed a propeller for this bike, increasing the resistance in water, and also the resistance are adjustable. Semitransparent streamline shield are more dynamic.

Specification:

Dimension:854 × 794 × 1129mm  
Packing Dimension:1145 × 885 × 205mm  
Net weight:23KG  
Material:ANSI 316L

Features:

It is foldable, less space occupied. The buoyancy in the water, helps reducing the stress on the joints for safe exercising. With the water's resistance, the best way to achieve a cardio workout and stay fit. Hold the small handles, exercise your arms and legs. Remove the small handles, exercise your legs only.

Underwater Treadmill



Specification:

Dimension: 1370 × 660 × 1400mm  
 Packing Dimension: 880 × 670 × 470mm  
 1365 × 690 × 180mm  
 Net weight: 42KG  
 Material: ANSI 316L

Features:

Safety: Made by stainless steel pipe more sturdy to use  
 Practicabdty: Lightweight removabe foldabie, less space occupied  
 Easy to operate: Running more smre smoothiy with the rolloing beanngs,  
 Application: group sessions, personal training, spas, hoteis You con waik or run.

Animal spa shower

The series of products make use of the motive power when the water flowing downside, the water could massage the neck and shoulder. Then refresh your body, let the brain come round, make the upper body relaxed. Eliminating headache and the fatigue. It reduces the partial pain, local the pain and the symptom of irritableness. what's more, the shower nozzle could promote the blood circulation, eliminate fatigue, metabolism and relieve pressure and so on.

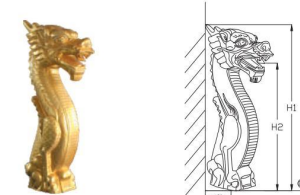
P01 GOLDEN TOAD SHAPE SHOWER NOZZLE

product code: 03004001001  
 Model: P01  
 Material: FRP  
 Total height H1: 900mm  
 The drainage outlet to the bottom distance H2: 760mm  
 Bottom size: 470 (L) \* 460 (W)  
 Package size: 690\*1230\*675mm  
 Weight: 28.5kg



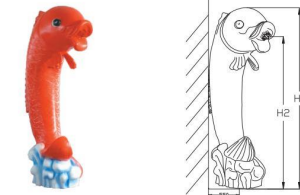
P02 JINLONG SHAPE SHOWER NOZZLE

product code: 03004002001  
 Model: P02  
 Material: FRP  
 Total height H1: 1450mm  
 The drainage outlet to the bottom distance H2: 1100mm  
 Bottom size: 300 (L) \* 400 (L)  
 Package size: 730\*1670\*410mm  
 Weight: 25.3kg



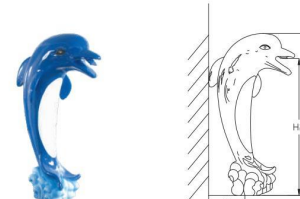
P03 GOLDFISH SHAPE SHOWER NOZZLE

product code: 03004003001  
 Model: P03  
 Material: FRP  
 Total height H1: 1340mm  
 The drainage outlet to the bottom distance H2: 1100mm  
 Bottom size: 300 (L) \* 370 (W)  
 Package size: 780\*1560\*410mm  
 Weight: 25kg



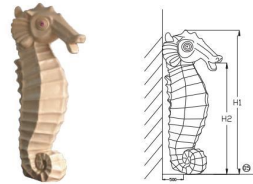
P04 DOLPHIN SHAPE SHOWER NOZZLE

product code: 03004004001  
 Model: P04  
 Material: FRP  
 Total height H1: 1330mm  
 The drainage outlet to the bottom distance H2: 1100mm  
 Bottom size: 350 (L) \* 300 (W)  
 Package size: 750\*1510\*530mm  
 Weight: 23.5kg



P05 A HIPPOCAMPUS SHAPE SHOWER NOZZLE

product code: 03004005001  
Model: P05  
Material: FRP  
Total heightH1: 1400mm  
The drainage outlet to the bottom distance  
H2: 1060mm  
Bottom size: 250 (L) \*420 (W)  
Package size: 680\*1580\*500mm  
Weight: 22.5kg



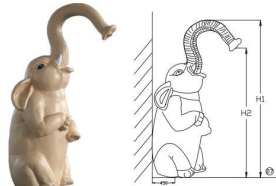
P06 SEA LIONS SHAPE SHOWER NOZZLE

product code: 03004006001  
Model: P06  
Material: FRP  
Total heightH1: 1400mm  
The drainage outlet to the bottom distance  
H2: 1060mm  
Bottom size: 300 (L) \*420 (W)  
Package size: 680\*1580\*500mm  
Weight: 22.5kg



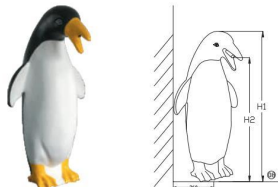
P07 ELEPHANT SHAPE SHOWER NOZZLE

product code: 03004007001  
Model: P07  
Material: FRP  
Total heightH1: 1320mm  
The drainage outlet to the bottom distance  
H2: 1060mm  
Bottom size: 410 (L) \*410 (W)  
Package size: 650\*1530\*530mm  
Weight: 22kg



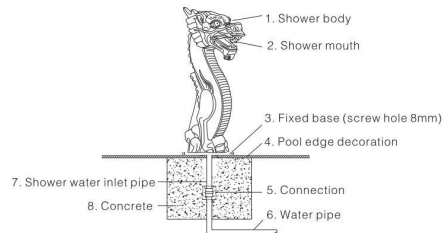
P08 PENGUIN SHAPE SHOWER NOZZLE

product code: 03004008001  
Model: P08  
Material: FRP  
Total heightH1: 1300mm  
The drainage outlet to the bottom distance  
H2: 1100mm  
Bottom size: 400 (L) \*330 (W)  
Package size: 650\*1540\*650mm  
Weight: 23kg



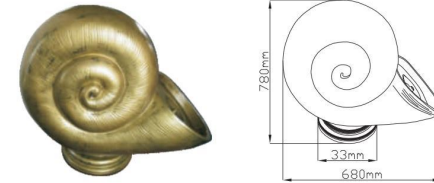
INSTALLATION MAP

- ◆ 1.5 Hose
- ◆ Color customization as required
- ◆ Welcome to map processing



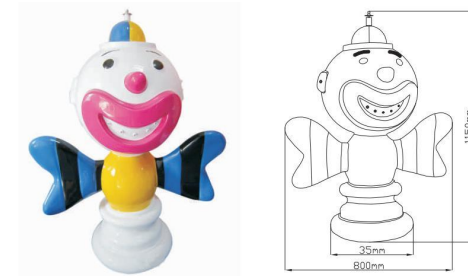
P09 CONCH

product code: 03004009001  
Model: P09  
Material: FRP  
Total heightH1: 780mm  
Package size: 870\*690\*470mm  
Weight: 15kg  
Used for landscape pool, , children's wading pool, large and small swimming pools etc.



P10 JET CLOWN

product code: 03004010001  
Model: P10  
Material: FRP  
Total heightH1: 1150mm  
Package size: 1280\*560\*760mm  
Weight: 25kg  
Used for landscape pool, , children's wading pool, large and small swimming pools etc.



P11 DUCK WITH 4 HEAD

product code: 03004011001  
Used for landscape pool, children's wading pool, large and small swimming pools etc.



Stainless big water tap similar like water come from sky.

product code: 03005012001

it is a tap use our eye view, to make that water falls down from sky



Water mushroom

VT301/1000\*H2200MM product code: 03004001002  
VT301/1200\*H2200MM product code: 03004002002  
VT301/1460\*H2200MM product code: 03004003002

## Spa series Water descent

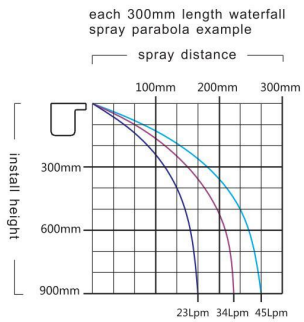


Available in 24 different models this water descent product line can suit different wall-mounting requirements. One of them accompanied by a small pump and filter combination provides you vibrant colourful LED waterfall which adds to your backyard visual interest, soothing sound of flowing water and moist fresh air.

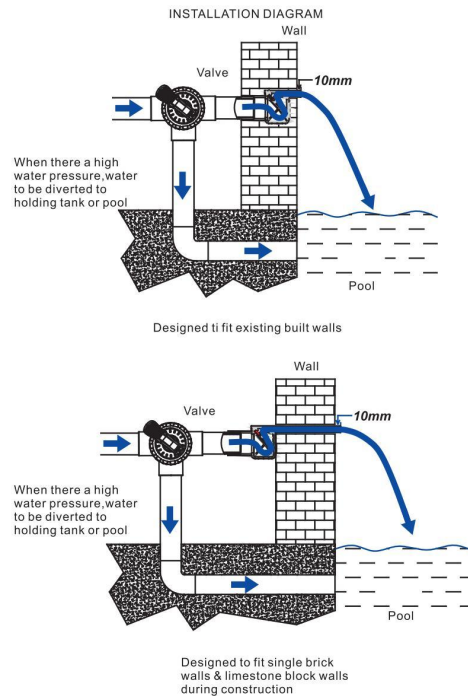
### FEATURES

- Steady and even flow produces state of art artificial waterfall
- Inbuilt water-proof LEDs adds colours to water
- LED is powered by external 12V DC, which is safe and reliable
- The LEDs can be operated through panel or remote control and 10 lighting patterns are available
- Different lengths of lips in different models can fit various brick sizes for installation
- Multiple water descents can share the same controller and act in same paces

### Technical Information



APPROXIMATE PROJECTION OF SHEET OF WATER PER 300MM OF WATERFALL LENGTH



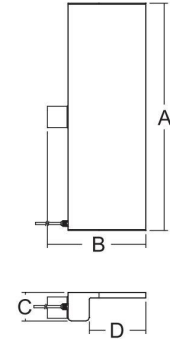
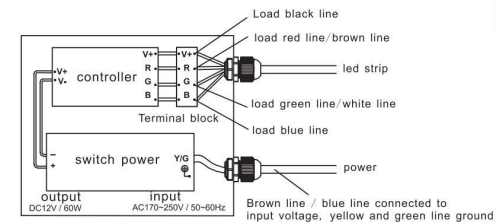
## Spa series Water descent

### product data

| model             | connection | A mm | B mm | C mm | D mm | power | voltage | product code      |
|-------------------|------------|------|------|------|------|-------|---------|-------------------|
| With led light    |            |      |      |      |      |       |         |                   |
| PB300-25(L)       | 1.5 inch   | 50mm | 306  | 138  | 76   | 25    | 4W      | DC12V 03005001013 |
| PB600-25(L)       | 1.5 inch   | 50mm | 606  | 138  | 76   | 25    | 8W      | DC12V 03005004013 |
| PB900-25(L)       | 1.5 inch   | 50mm | 906  | 138  | 76   | 25    | 12W     | DC12V 03005007013 |
| PB1200-25(L)      | 1.5 inch   | 50mm | 1206 | 138  | 76   | 25    | 17W     | DC12V 03005010013 |
| Without led light |            |      |      |      |      |       |         |                   |
| PB300-25          | 1.5 inch   | 50mm | 306  | 138  | 76   | 25    | -       | 03005001012       |
| PB600-25          | 1.5 inch   | 50mm | 606  | 138  | 76   | 25    | -       | 03005004012       |
| PB900-25          | 1.5 inch   | 50mm | 906  | 138  | 76   | 25    | -       | 03005007012       |
| PB1200-25         | 1.5 inch   | 50mm | 1206 | 138  | 76   | 25    | -       | 03005010012       |

Input AC170-250V/50-60HZ, Output DC12V/60W, provide 25 kinds light model

| product code | model | product description      |
|--------------|-------|--------------------------|
| 02003020017  | N/A   | led waterfall controller |



### use range

|                  |                      |
|------------------|----------------------|
| work temperature | -20~+40°C            |
| input            | AC 220V±15%, 50/60Hz |
| output           | DC 12V, 60W          |



Spa series

Spa series



Single impact bath  
Material: SS304



Strength massage shower  
Nozzles can option. Duck/rain/flat/  
hammer/round hole nozzle etc  
Material: SS304  
Connection: 1.5"/2"



Round massage shower  
Material: SS304



Rainbow door  
Material: SS304



Rain forest massage shower  
Material: SS304



Water door (customized)  
Material: SS304



Spa shower  
Material: SS304



Spa shower  
Material: SS304



Wooden bottle shower  
Material: SS304



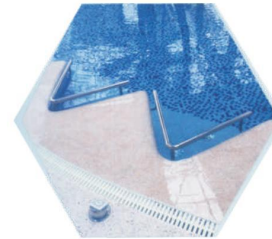
Triangle handrail  
Material: SS304



Long handrail  
Material: SS304



Semicircle handrail  
Material: SS304



Square handrail  
Material: SS304



Customized waterfall  
Material: SS304

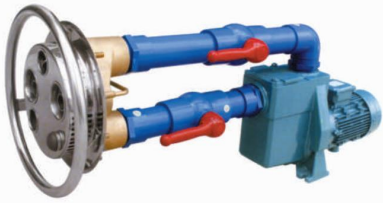
## Spa series Jet Swim housing



### Technical Characteristics

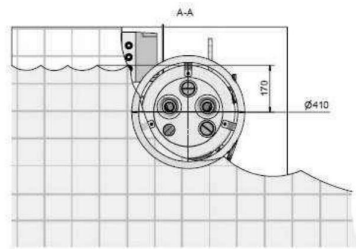
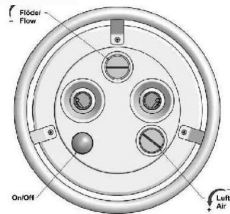
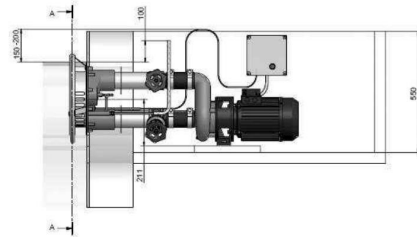
| product code | Model | pump (kW) | voltage (V) | Electric current (A) | discharge (L/Min.) | pipe connection | material |
|--------------|-------|-----------|-------------|----------------------|--------------------|-----------------|----------|
| 03005002004  | 2001# | 2.2       | 220         | 8.3                  | 1300               | 2"              | SS304    |

- Jet Swim housing made of bronze.
- Front and handle made of polished acid proof stainless steel AISI 316. For mounting in concrete, wood or building block walls.
- Bronze pump with 4.0KW motor.
- Control box including contactor and overload protection.
- Air mixture control.
- Air mixture hose
- Hose connectors.
- Hose clamps.
- Hoses for suction and pressure.
- Valves.

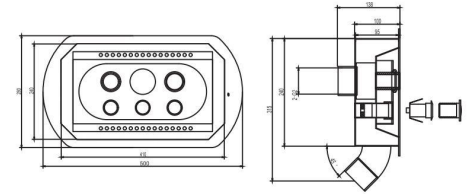


### Technical Characteristics

| product code | Model | pump (kW) | voltage (V) | Electric current (A) | discharge (L/Min.) | pipe connection | material |
|--------------|-------|-----------|-------------|----------------------|--------------------|-----------------|----------|
| 03005001004  | 2002# | 4.0       | 380         | 8.3                  | 1500               | 2"              | Copper   |

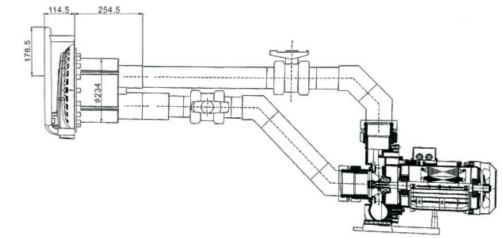


## Spa series Jet Swim housing



### Technical data

| product code | Model | HP | pump (kW) | voltage (V) | Size          |
|--------------|-------|----|-----------|-------------|---------------|
| 03005009004  | 3002# | 4  | 3         | 380         | 500×280×138mm |



### Technical data

| product code | Model       | HP  | pump (kW) | voltage (V) |
|--------------|-------------|-----|-----------|-------------|
| 03005015004  | STP-2200(S) | 3   | 2.2       | 380         |
| 03005016004  | STP-3000(S) | 4   | 3         | 380         |
| 03005017004  | STP-4000(S) | 5.5 | 4         | 380         |





**Spa series  
SPA controller**

**Spa series  
SPA controller**



RF-1 wireless button,  
Rate: 315M  
Product code:03006007003  
Waterproof



Stainless&ABS button 115\*90  
Product code:03006008003



1R-1S touch sensor 90\*40  
Full stainless cover,Full crystal  
panel,full seal technical.waterproof.  
Product code:03006006003



HT-1GZ Diamond purple crystal 130\*80  
Product code:03006001003



HT-2GL Exquisite purple crystal 130\*70  
Product code:03006002003



HT-3GW Frosted white crystal 130\*75  
Product code:03006003003



RF-3 RF-4 RF-5  
Wireless controller, can control far  
RF-3 single button, product code: 03006001002  
RF-4 four button, product code: 03006002002  
RF-5 twelve button, product code: 03006003002



White diamond crystal  
Product code:03006005003



HT-4GR Rose red crystal 120\*30  
Product code:03006004003



CP-3 double wireless controller/IR-1  
single controller  
Size: 66 x 72 x 115  
Product code: 03006001001/03006004001



CP-10 study code wireless digital controller  
Size: 66 x 72 x 115  
Product code: 03006002001



CP-11 study code,Wall hang,  
Wireless controller  
Size: 130 x 160 x 60  
Product Code: 03006003001



ST-1 High precision temperature display  
Size: 70 x 150 x 30mm  
Product code: 03006003006



ST-2 colorful temperature display  
Colorful,have sauna room/steam room/spa  
etc option.can custom make  
Product code: 03006004006



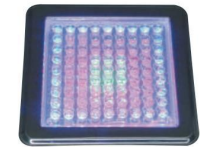
Custom make temperature display  
Can custom make as request  
Product code: 0388 000001



ST-4 Single-sided desktop  
display (can charge)  
Size: 270 x 140 x 100mm  
Product code: 03006001006



ST-5 Double-sided desktop display  
(double temperature,can charge)  
Size: 270 x 140 x 100mm  
Product code: 03006002006



LED-C LED underwater massage light 133\*133  
White/Code: 03006001004 Blue/code: 03006004004  
Red/Code: 03006002004 Green/Code: 03006005004  
Yellow/Code: 03006003004 RGB/Code: 03006006004



ST-2 small display (hidden type)  
Size: 220 x 120 x 25mm  
Product code: 03006006006



ST-3 big screen display (wall hang)  
Size: 350 x 270 x 30mm  
Product code: 03006007006



Humidity/temperature display  
Size: 350 x 270 x 30mm  
Product code: 03006005006

According to the swimming pool types, usage, swimming load, pool volume, disinfection series, pool cleaning systems working effect and time factors, swimming pool cleaning cycle use below table sheet.

### Swimming pool water circle cleaning cycle

|                       | Pool types                 | Pool depth(M) | Circle times (T/D) | Circle cycle(H) |
|-----------------------|----------------------------|---------------|--------------------|-----------------|
| Competition pool      | Competition pool           | 2             | 4.5-6              | 4-5             |
|                       | Synchronized swimming pool | 3             | 3-4                | 6-8             |
|                       | Water polo pool            | 1.8-2         | 4-6                | 4-6             |
|                       | Plunge pool                | 5.5-6         | 2.4-3              | 8-10            |
| Dedicated class pool  | Teaching pool              | 1.4-2         | 4-6                | 4-6             |
|                       | Training pool              | 1.35-1.6      |                    |                 |
|                       | Warm-up pool               |               |                    |                 |
|                       | Disable pool               |               |                    |                 |
|                       | Cool water pool            | 1.8-2         | 4-6                | 4-6             |
| Community pool        | 1.35-6                     | 4-6           | 4-6                |                 |
| Public swimming pool  | Adult swimming pool        | 1.35-2        | 4-6                | 4-6             |
|                       | University pool            |               | 4-6                | 4-6             |
|                       | Adult beginner pool        | 1.2-1.6       | 4-6                | 4-6             |
|                       | Middle school pool         |               | 4-6                | 4-6             |
|                       | Children pool              | 0.6-1         | 12-24              | 1-2             |
| Water park pool       | Adult water pool           | 1-1.2         | 1-6                | 1-4             |
|                       | Children water pool        | 0.3-0.4       | 24                 | 1               |
|                       | Wave pool                  | 0-2           | 1-12               | 1-2             |
|                       | Circulation pool           | 0.9-1         | 6-12               | 2-4             |
|                       | Chute drop pool            | 1             | 1-4                | 1-6             |
|                       | Relaxation pool            | 0.9-1         | 48-80              | 0.3-0.5         |
| Multipurpose pool     |                            | 2-3           | 4-6                | 4-5             |
| Multi-function pool   |                            | 2-3           | 4-6                | 4-5             |
| Private swimming pool |                            | 1.2-1.4       | 3-4                | 6-8             |

Remark: Pool water circle time can compare every day using time with circle cycle.

### Swimming pool water standard inspection items and limits

| No. | Item                                   | Limits                            |
|-----|--|-----------------------------------|
| 1   | Turbidity                              | ≤INTU                             |
| 2   | PH code                                | 7-7.8                             |
| 3   | Urea                                   | ≤3.5mg/L                          |
| 4   | Total number of colonies (36 1°C, 48h) | ≤200CFU/ml                        |
| 5   | Total coliform (36 1°C, 24h)           | per 100ml CAN NOT inspection out  |
| 6   | Free residual chlorine                 | 0.2-1mg/L                         |
| 7   | Compound residual chlorine             | ≤0.4mg/L                          |
| 8   | Ozone (when use ozone disinfection)    | ≤0.2mg/m3 below(Air on the water) |
| 9   | Water temperature                      | 23-30°C                           |

### Swimming pool water standard inspection items and limits

| NO. | Item                         | Limited                     |
|-----|------------------------------|-----------------------------|
| 1   | Solubility total solid (TDS) | original water TDS+1500ML/L |
| 2   | Redox electric body(ORP)     | 650mv                       |
| 3   | Cyanuric acid                | 150mg/L                     |
| 4   | Trihalomethane(THM)          | 200ug/L                     |

### Comparison of hygienic standard of water quality between China and FINA

| No | Limitation Item                         | Standard | National standards GB9667-1996 | National industry Standards CJ244-2007 | FINA International 2002-2005   |
|----|---|----------|--------------------------------|--|--|
|    |   | 1        | Temperature                    |  | 22-26°C  |
| 2  | PH                                      |          | 6.5-8.5°C                      | 7.0-7.8                                | 7.2-7.6(Resistance value 10.13-10.14Ω Electronic measurement is advisable) |
| 3  | Turbidity                               |          | ≤5NTU                          | ≤1NTU                                  | ≤0.1FTU Measured value after filtration                                    |
| 4  | Urea                                    |          | ≤3.5mg/L                       | ≤3.5mg/L                               |  |
| 5  | Free residual chlorine                  |          | ≤0.3-0.5mg/L                   | ≤0.2-1.0mg/L                           | 0.3-0.6mg/L(DPD)   |
| 6  | Bacteria                                |          | ≤1000/mL                       | ≤200FU/mL                              | 21°C ±0.5°C(24h, 48, 72h)<br>37°C ±0.5°C(24h, 48h)                         |
| 7  | coliform bacteria                       |          | ≤18/mL                         | No found in 100ml pool water           | No found in 100ml pool water   |
| 8  | Toxic substances                        |          | TJ36-79                        |  | —  |
| 9  | Compounding residual chlorine           |          | —                              | ≤0.4mg/mL                              | ≤0.4mg/L   |
| 10 | Ozone                                   |          | —                              | ≤0.2mg/m³<br>The air above the water   | —  |
| 11 | Solubility of total solids              |          | —                              | ≤TDS+1500mg/L                          | —  |
| 12 | Oxidation reduction potential           |          | —                              | 650mv                                  | 700mv  |
| 13 | Cyanogen uric acid                      |          | —                              | ≥150mg/L                               | —  |
| 14 | Tri-Halogen Methane                     |          | —                              | ≥150ug/L                               | <20ug/L  |
| 15 | Pseudomonas aeruginosa                  |          | —                              | —                                      | No found in 100ml pool water   |
| 16 | Definition                              |          | —                              | —                                      | Pool bottom visiable   |
| 17 | Density                                 |          | —                              | —                                      | kg/dm³ (20°C measured value)   |
| 18 | Potassium permanganate Consumption      |          | —                              | —                                      | Maximum amount in pool water 10mg/L<br>Maximum amount in other water 3mg/L |
| 19 | Air temperature of indoor swimming pool |          | —                              | —                                      | At least 2°C higher than pool water  |

Remarks

FINA Standard called Colony

FINA Standard called Escherichia coli

There are rules on how these two content are tested

The role of FINA in determining density is unclear