

SMARTER WATER FOR A  
SMARTER HOME

09

**SWIM CURRENT MACHINE &  
FILTRATION UNITS**





## WL-MPU08

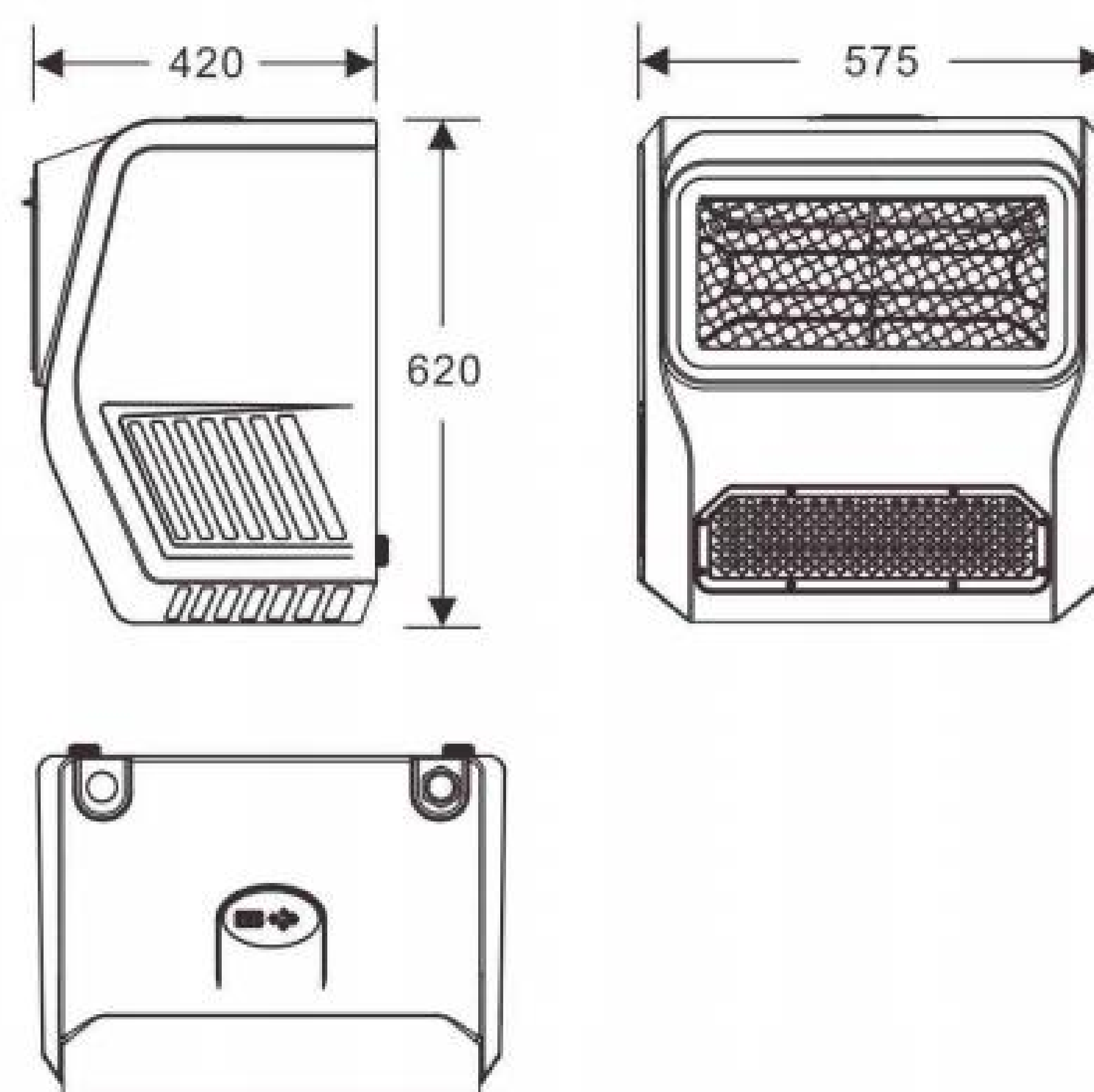
### WALL MOUNTED MINI SWIM CURRENT MACHINE



Many private and small swimming pools are small due to the limited activity space and swimming distance. In order to provide homeowners a private swimming pool with swimming functions, the manufacturer has developed the MPU08 wall mounted Mini swim current machine. By providing strong propulsion power, swimmers can swim in counter flow to exercise, which makes private swimming pools more valuable.

#### Product features:

- Easy installation: wall mounted, ready to use.
- Small size: it is compact, saving space, easy to transport.
- Stepless speed regulation: 1-99 speeds, suitable for beginners or professional swimmers.
- Easy to operate: Equipped with a remote control, easy to use.
- Made by an integrated molding process and durable, corrosion-resistant & UV resistant material.
- Low voltage: with low-voltage DC29V motor, more safe and reliable.
- Equipped with regular motor rotation function to extend service life.
- Suitable for various swimming pools such as above ground and under ground pools with minimum pool size of 2m by 4m.



| Model        | Power supply (V) | Working voltage (V) | Rated power (kW) | Rated current (A) | Max. Speed (m/min) | Max. flow (m³/h) | Min. Pool depth (m) | Dimension (mm) |
|--------------|------------------|---------------------|------------------|-------------------|--------------------|------------------|---------------------|----------------|
| WL-MPU08-2DE | 220-240          | DC29                | 1.6              | 8                 | 96                 | 510              | 0.8                 | 420×575×620    |

## WL-MPU12

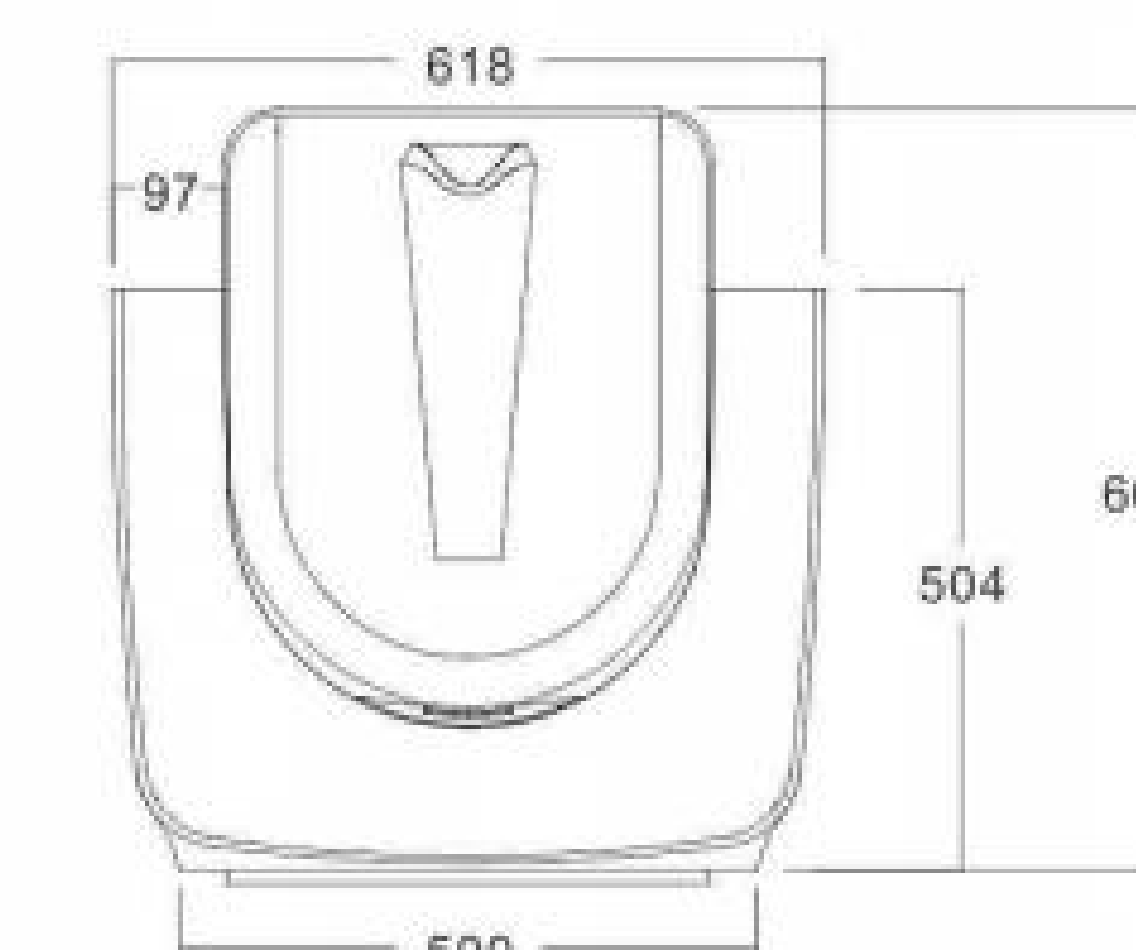
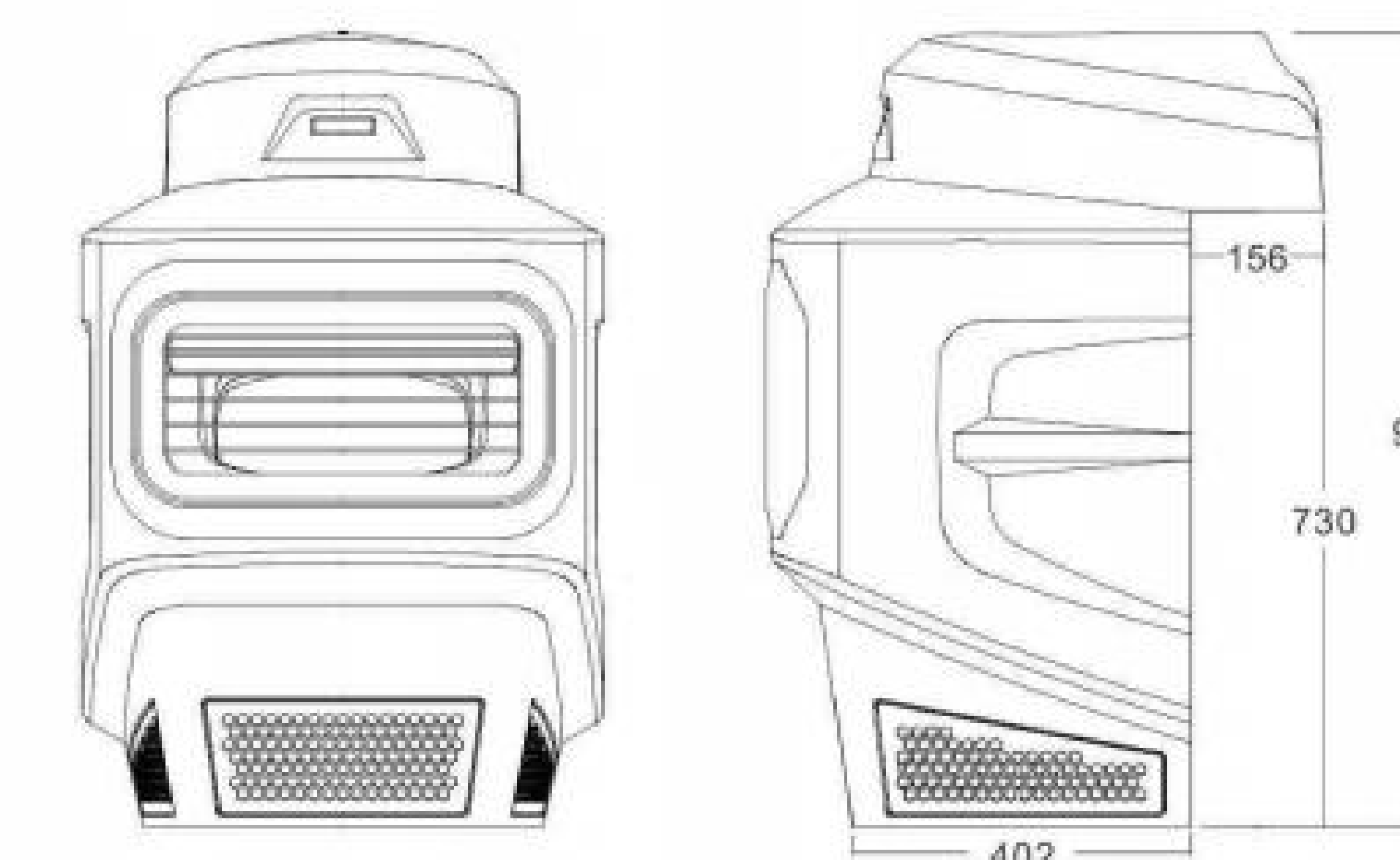
### LASWIM SWIM CURRENT MACHINE



Adopting a number of high-tech technologies in pool water treatment and spa projects, LASWIM swim current machine is integrated the advanced and practical water environment equipment, making the construction of private swimming pools easier and faster, and making swimming and fitness experience more professional and perfect.

#### Main features:

- Unlimited swimming
- 99-speed shift mode
- Laminar flow technology
- Waterproof remote control
- DC36V safe voltage
- Wall mounted installation
- Fashion, smart, compact
- High quality acrylic shell



| Model    | Power supply (V) | Working voltage (V) | Input power (kW) | Rated power (kW) | Laminar outlet (mm) | Max flow (m³/h) | Max speed (m/min) | Dimension (mm) |
|----------|------------------|---------------------|------------------|------------------|---------------------|-----------------|-------------------|----------------|
| WL-MPU12 | 220V             | DC36                | 2                | 1.2              | 460×215             | 719             | 150               | 660×618×941    |



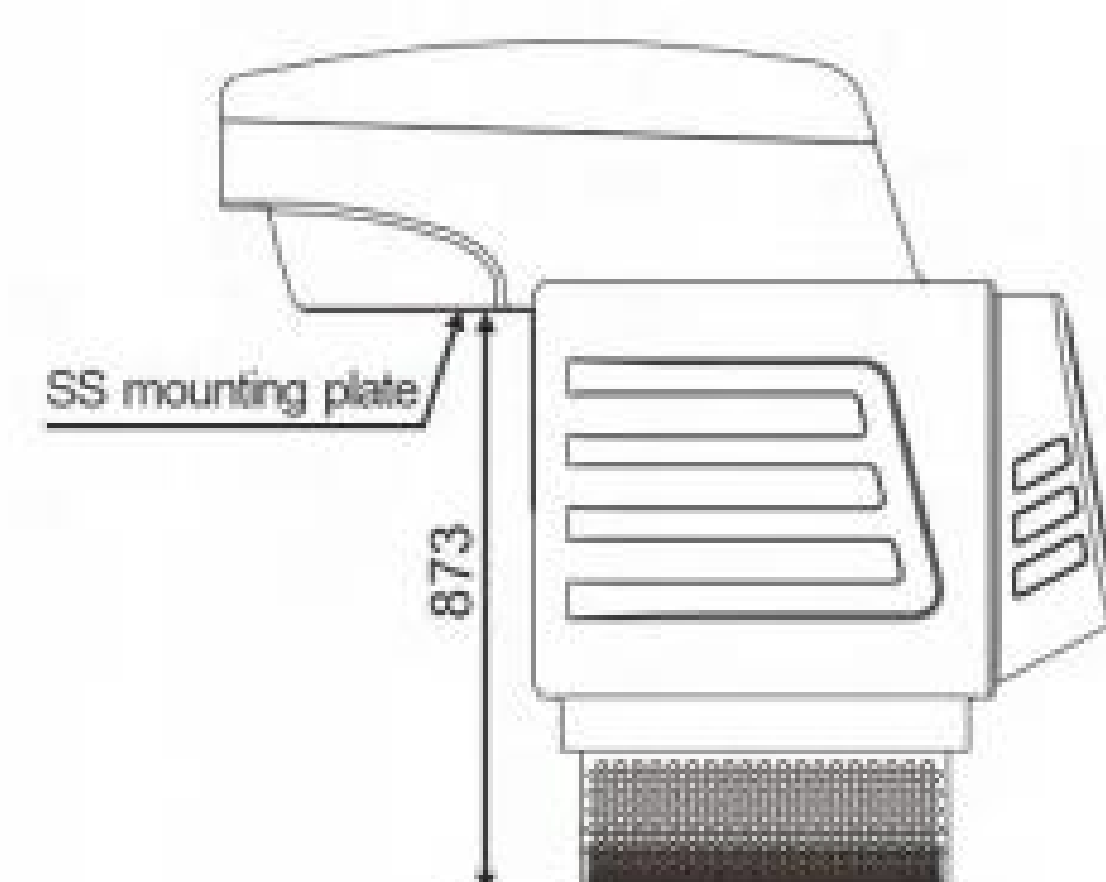
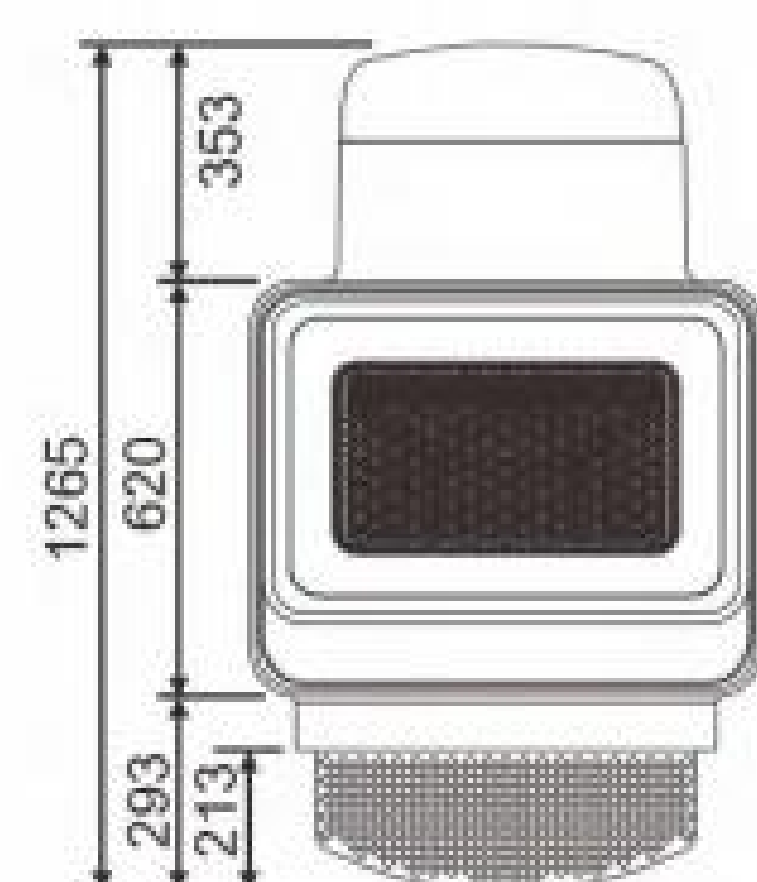
## WL-RPU WALL MOUNTED UNLIMITED SWIMMING MACHINE

Having accumulated many years of advanced technology and practical experience in the field of pool industry, to improve the swimmers' swimming experience and life quality, LASWIM creatively has developed wall mounted unlimited swimming machine which is suitable for different sizes of pools.

Infinite variable speeds could be adjusted according to swimmers' demand by controller or WeChat applet.

### Main features:

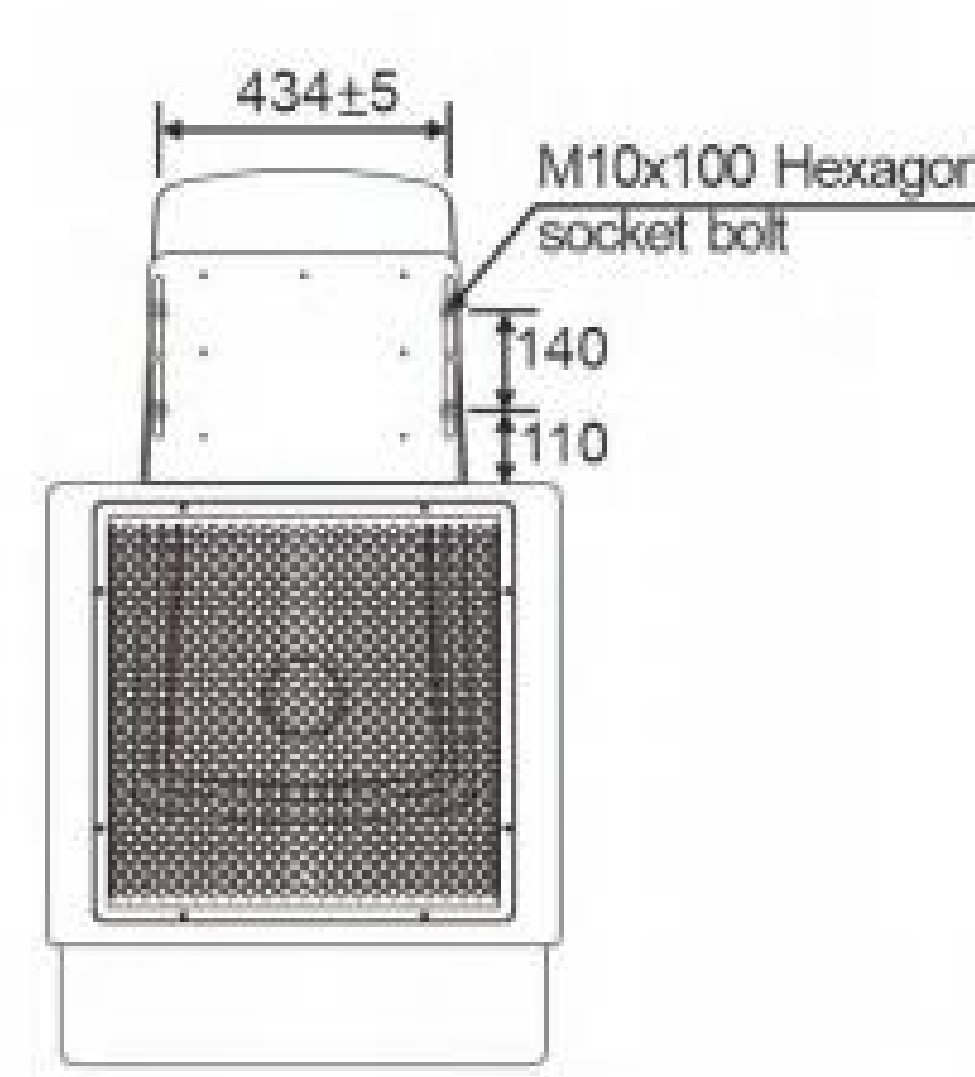
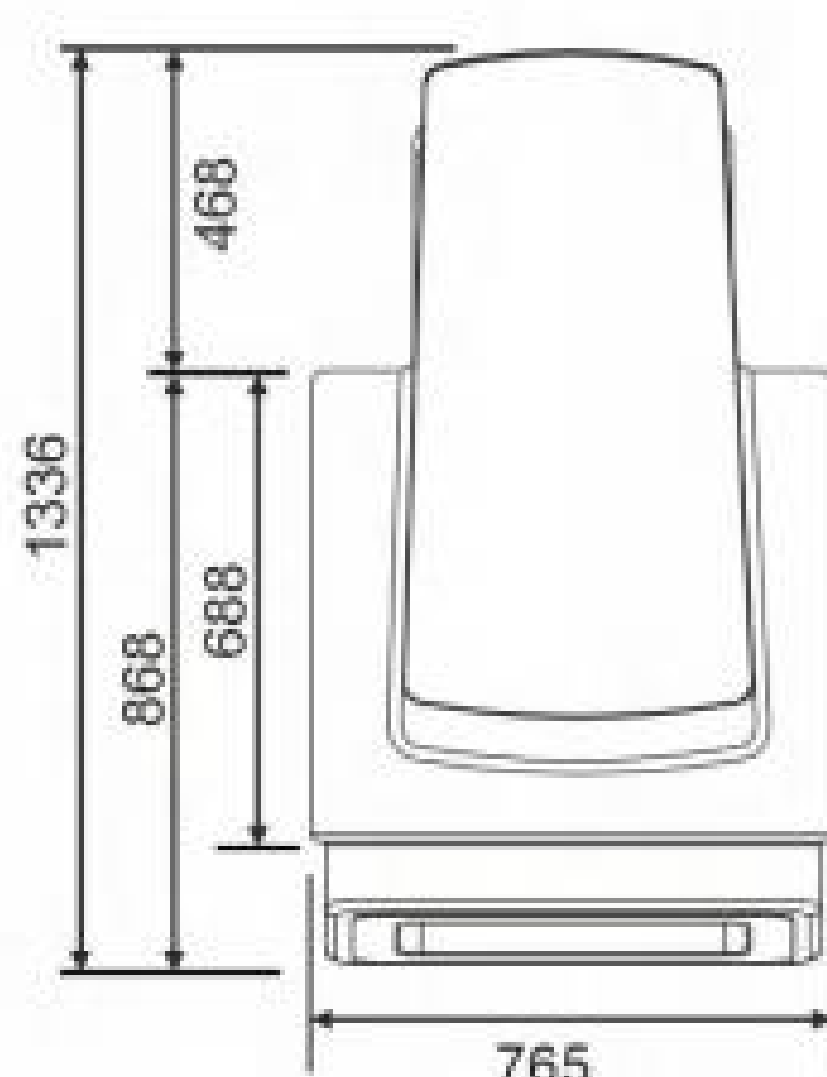
- Easy to install. Just hung on pool wall with 4pcs fixed screws.
- Safety performance. Work with low-voltage as DC36V.
- Operate with low noise, no vibration.
- Can be installed in the pool with a depth of 0.9m.
- Innovative and fashionable design, pretty and compact.
- Manufactured by environmental, UV-resistance, corrosion resistant materials.
- Suitable for reconstructive old pools or new pools in different sizes.



Standard



Optional



| Model    | Power supply (V) | Working voltage (V) | Input power (kW) | Rated power (kW) | Laminar outlet (mm) | Max flow (m <sup>3</sup> /h) | Max speed (m/min) | Dimension (mm)    |
|----------|------------------|---------------------|------------------|------------------|---------------------|------------------------------|-------------------|-------------------|
| WL-RPU20 | 220V             | DC36                | 3.0              | 2.0              | 500 x 280           | 1000                         | 186               | 1336 x 765 x 1265 |
| WL-RPU25 | 220V             | DC36                | 4.0              | 2.5              | 500 x 280           | 1300                         | 240               | 1336 x 765 x 1265 |

## WL-AYT25Y WALL-HUNG FILTRATION UNIT

The housing is made of high quality acrylic, the unit is easy to install and contains all the equipment for filtration, circulation, disinfection, drainage and lighting in one compact unit. It is also equipped with a multifunctional jet which not only makes the pool water circulate, but also has functions for swimming training, massage and fun in the water.

### Installation:

- Clear away any debris from the installation area, and make a datum mark before installation.
- Place the unit in a proper position according to the installation detail drawing. Adjust the unit with a level to make sure the tolerance is less than 2mm. Use the filler pieces to pack the unit level, fix the packing pieces, then fill in the vacant area with grout.
- Connect drainpipe and cable pipe as shown in the installation detail drawing. The control box must be damp-proofed. Electrical installation and testing must be done by a licensed or certified electrician.
- Fill in the joint between the unit and pool wall with grout when installing, and seal it with sealant.
- After installation, fill with sand around the unit board. Spread stones on the side of pool to match the pool structure, record the installation notes.



WL-AYT25Y



Pool Light



Swim Jet



Filter Bag



Filter basket



Electronic control system (Optional)

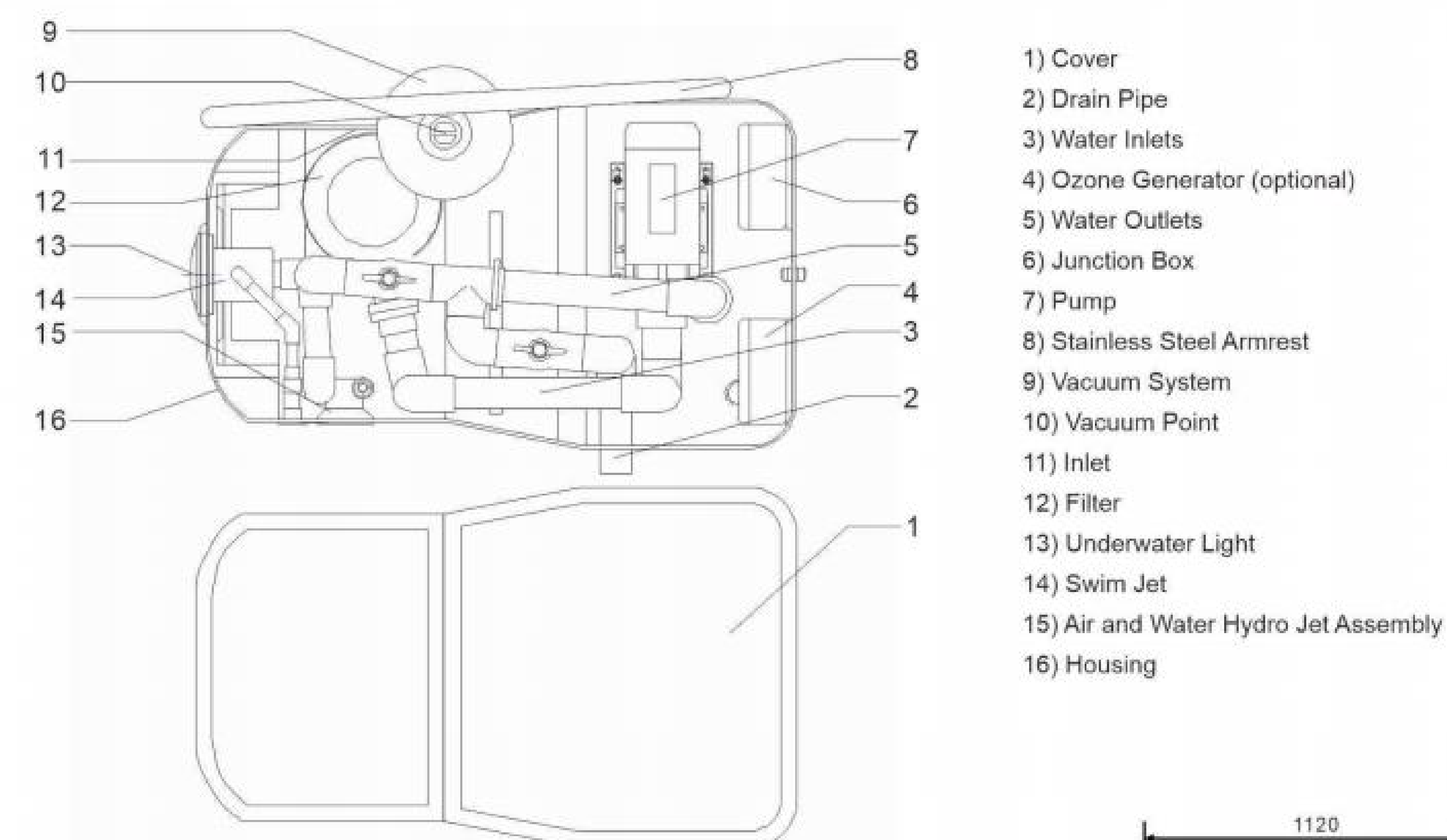


| Pump(HP) | Voltage(V) | Flow Rate           | Filter Precision | Filter Area         | Noises | Outline Size    |
|----------|------------|---------------------|------------------|---------------------|--------|-----------------|
| 2.0HP    | 220V       | 25m <sup>3</sup> /h | ≤5μ              | 0.297m <sup>2</sup> | ≤40dB  | 1120×684×1080mm |

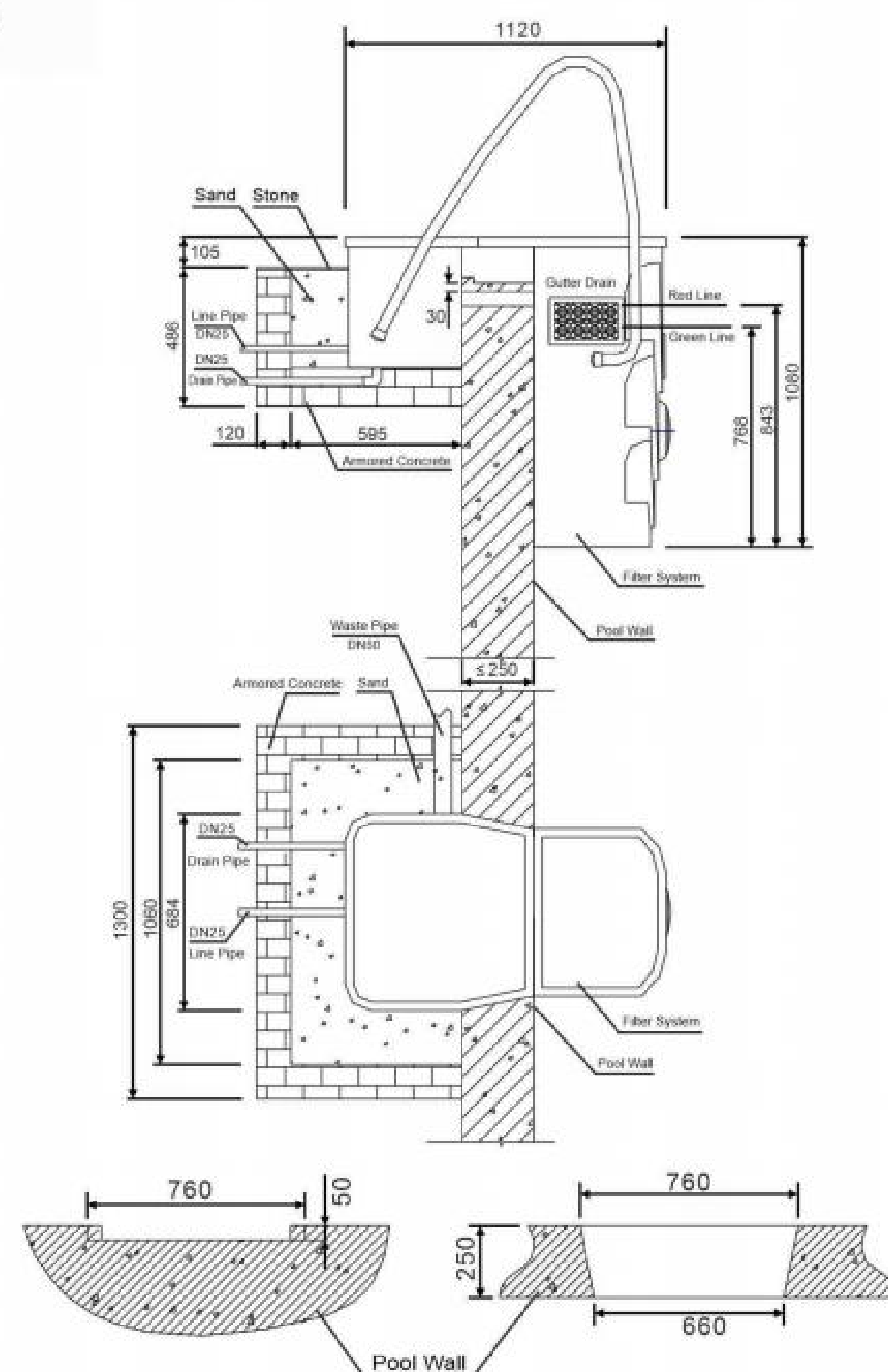


## PM-GL25Y

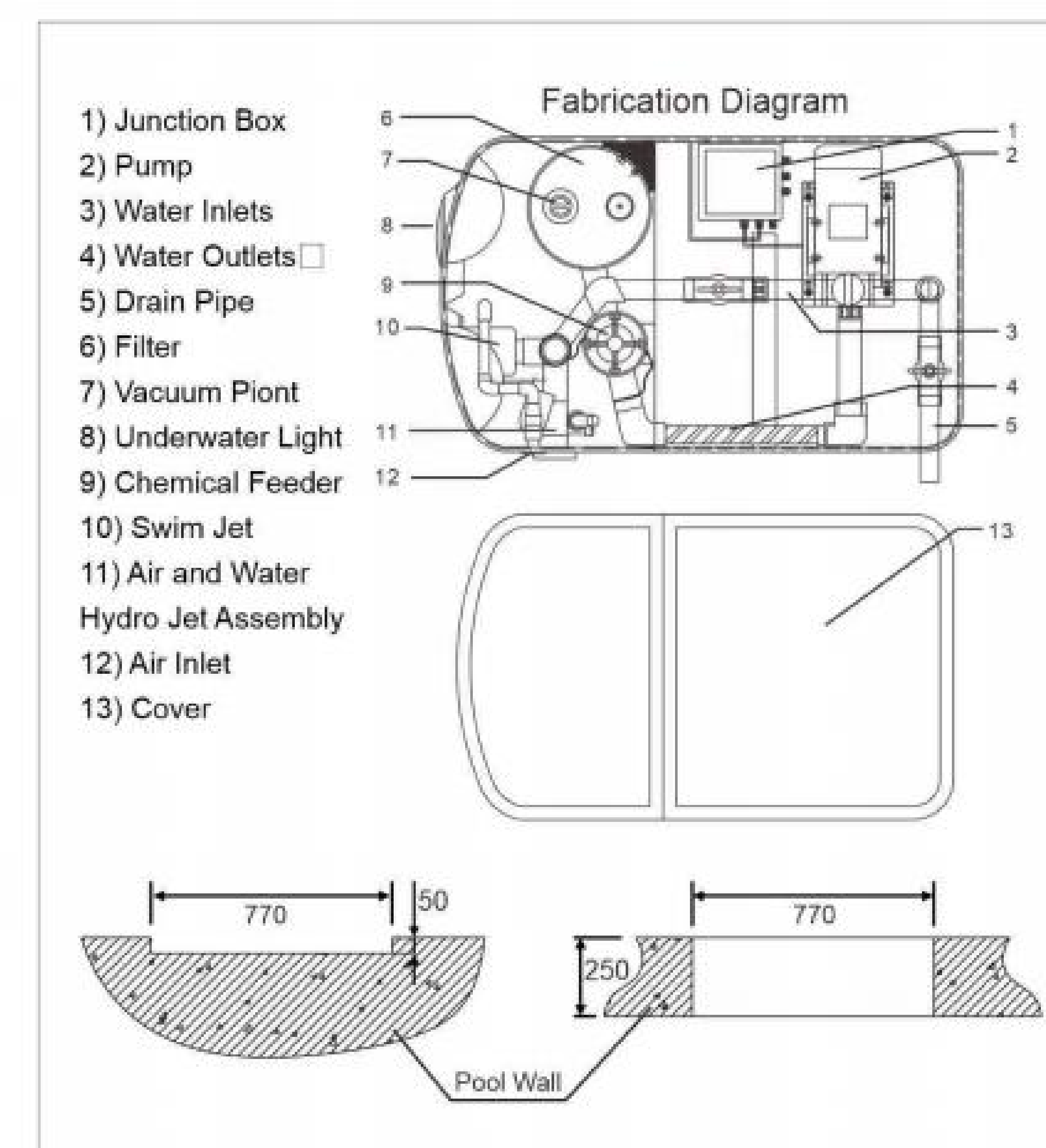
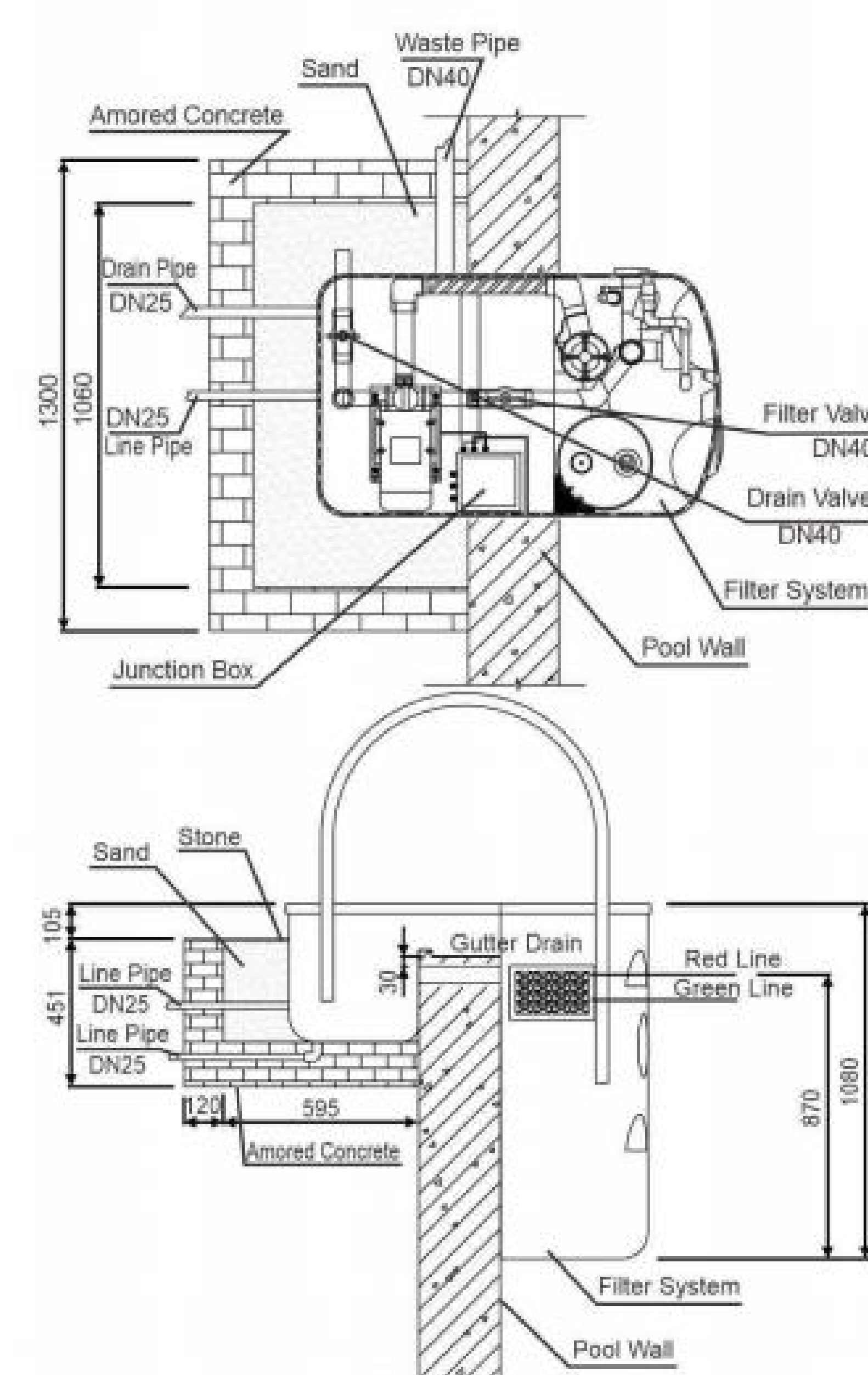
## Installation process



### Fabrication Diagram



PM-GL25Y



| Pump(HP) | Flow Rate           | Filter Precision | Filter Area         | Noises | Outline Size    |
|----------|---------------------|------------------|---------------------|--------|-----------------|
| 2.0HP    | 22m <sup>3</sup> /h | ≤5μ              | 0.297m <sup>2</sup> | ≤50dB  | 1725×1112×684mm |



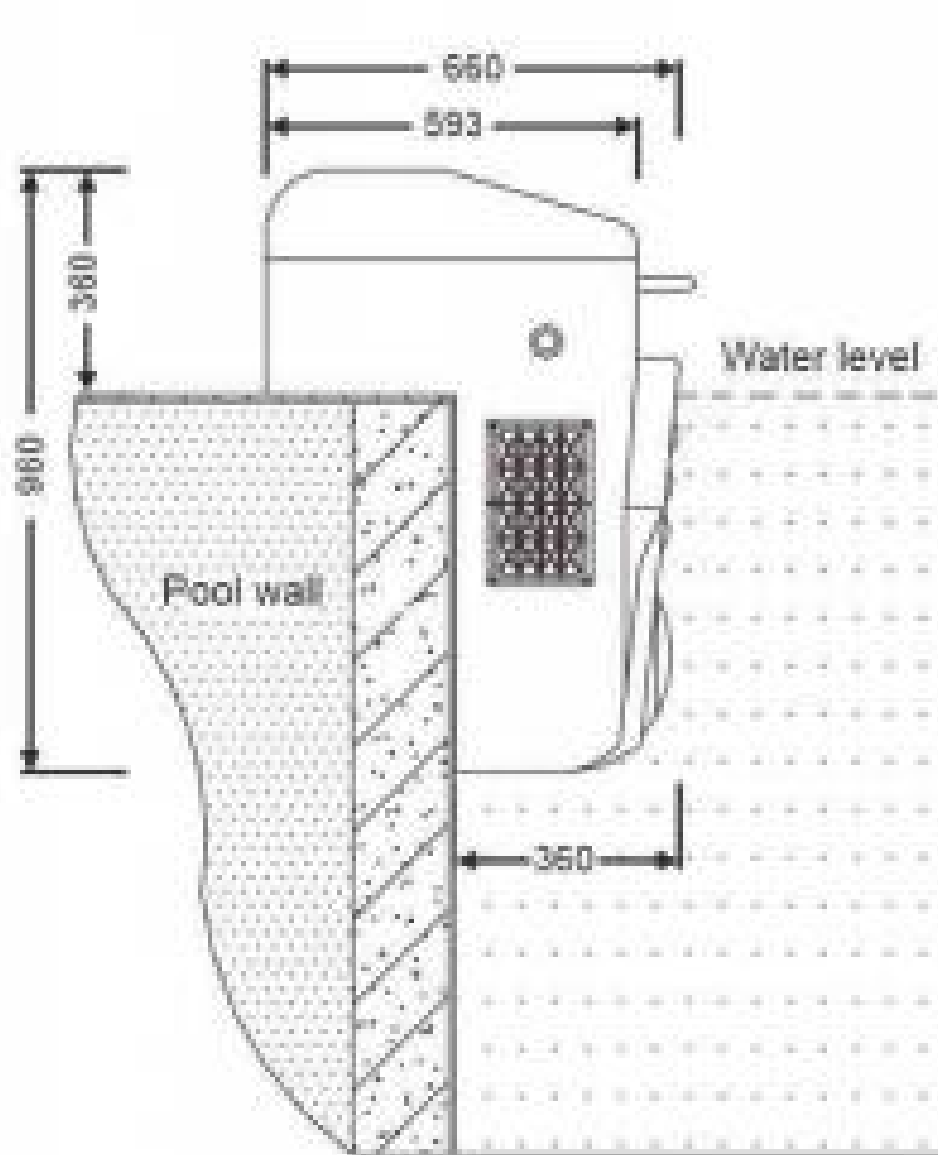
# WL-GYT10Y

## WALL-HUNG FILTRATION UNIT

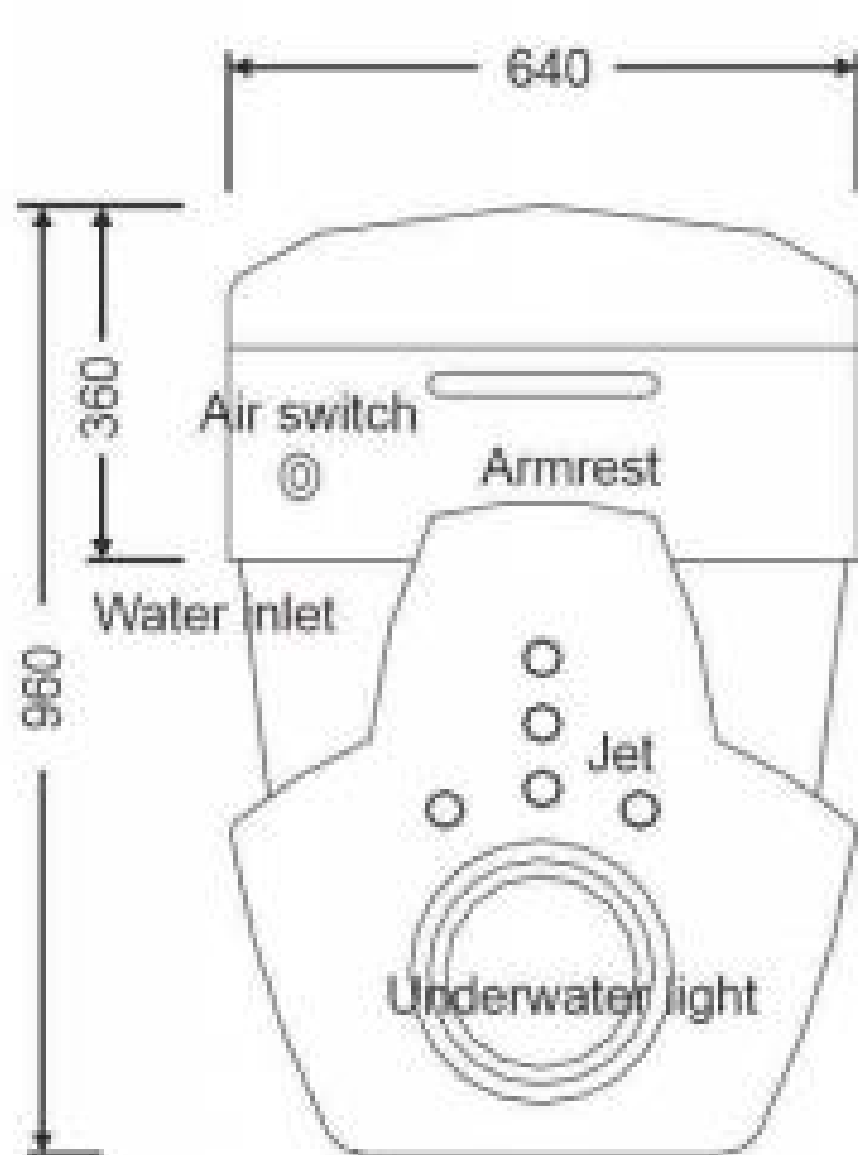
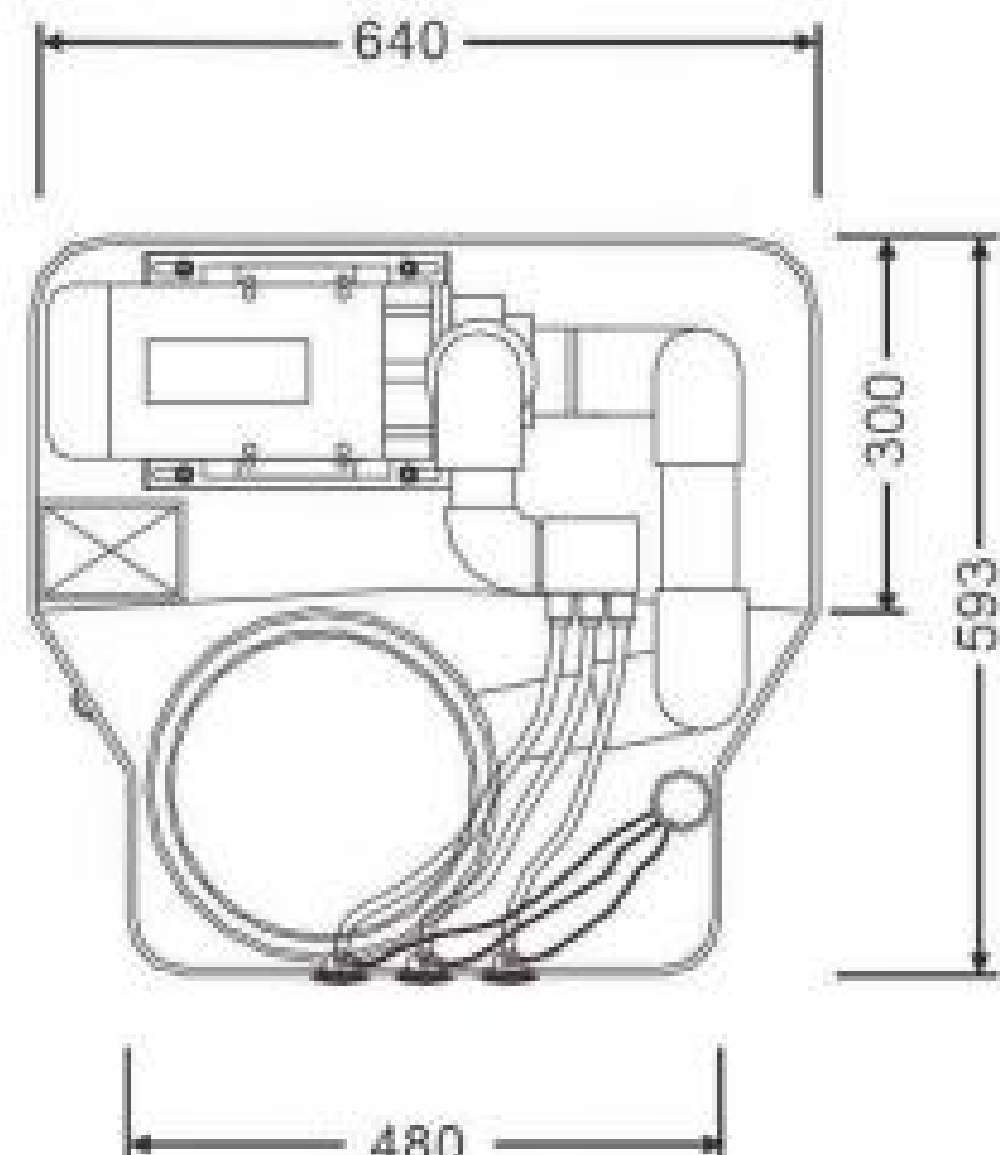
The housing is made of high quality acrylic, the unit is easy for installation and assembles all the equipment of filtration, circulation, drainage and lighting in one compact unit. It is also equipped with multifunctional jet which not only makes the pool water circulate, but also has functions of swimming training, massage and fun in water. Extra fit for children pools.



WL-GYT10Y



Installation figure



| Pump(HP) | Voltage(V) | Flow Rate | Filter Precision | Filter Area | Noises | Outline Size  |
|----------|------------|-----------|------------------|-------------|--------|---------------|
| 1.2HP    | 220V       | 10~13m³/h | ≤5μ              | 0.26m²      | ≤40dB  | 640x660x960mm |

# WL-GMT/ WL-MMT/ WL-DMT

## FILTRATION UNITS

Filtration unit is one of the best choices for swimming pool. It is in good appearance, easy to operate and long-time use. Different models could be chosen according to different size of swimming pools and actual demand.



WL-GMT /MMT/DMT

### WL-DMT

- Easy to operate, no need the equipment room and special maintenance.
- Adopts high precious of sand filter.
- With good performance pump.
- More economical because of simple disinfecting equipment-chemical feeder.

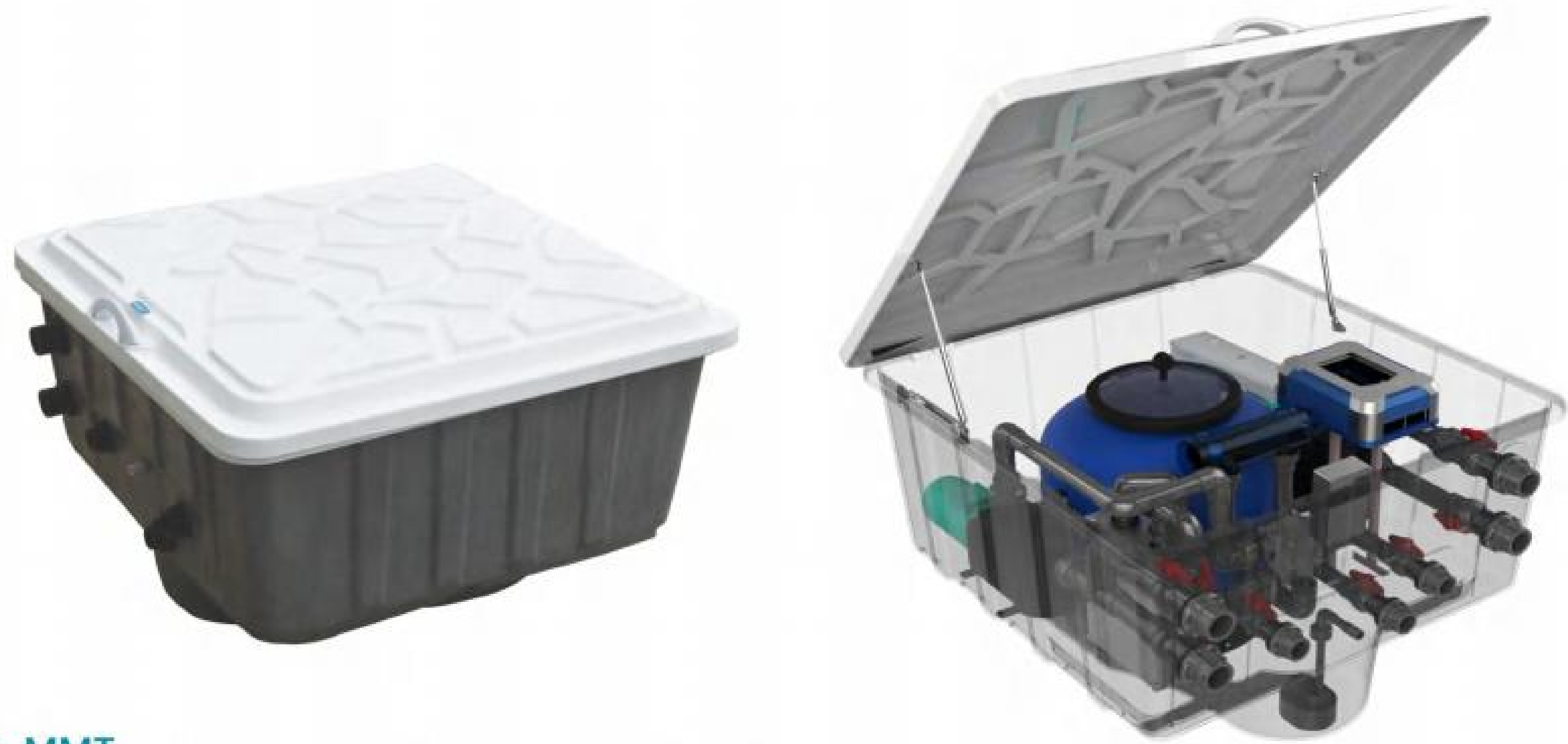
### WL-DMT parameter

| Model     | Horsepower (HP) | Voltage (V) | Flow Rate (m³/h) | Filter area (m²) | Pool volume (m³) | Outline size (mm) |
|-----------|-----------------|-------------|------------------|------------------|------------------|-------------------|
| WL-DMT-8  | 0.75            | 220~240     | 8                | 0.16             | ≤64              | 1320×1340×985     |
| WL-DMT-12 | 1               |             | 12               | 0.23             | ≤92              |                   |
| WL-DMT-16 | 1.5             |             | 16               | 0.32             | ≤128             |                   |
| WL-DMT-20 | 2.0             |             | 20               | 0.4              | ≤160             | 1550×1560×1135    |
| WL-DMT-25 |                 |             | 25               | 0.5              | ≤200             |                   |

### WL-DMT Specification

| Model     | Main parts                                         |
|-----------|----------------------------------------------------|
| WL-DMT-8  | BCG450 sand filter + 0.75HP pump + chemical feeder |
| WL-DMT-12 | BCG500 sand filter + 1HP pump + chemical feeder    |
| WL-DMT-16 | BCG650 sand filter + 1.5HP pump + chemical feeder  |
| WL-DMT-20 | BCG700 sand filter + 2HP pump + chemical feeder    |
| WL-DMT-25 | BCG800 sand filter + 2HP pump + chemical feeder    |





WL-MMT

- The progressive filtration unit adopts professional sand filter, high efficiency pump and salt-chlorine generator, 3HP massage pump and submersible pump.
- 3HP massage pump makes the filtration unit more powerful.
- Equipped with submersible pump, avoiding the security risk that caused by accumulated water in tank.
- Equipped with salt-chlorine generator, the most effective and high-tech equipments.

WL-GMT /MMT/DMT

WL-MMT parameter

| Model     | Horsepower (HP) | Voltage (V) | Flow Rate (m³/h) | Filter area (m²) | Pool volume (m³) | Outline size (mm) |
|-----------|-----------------|-------------|------------------|------------------|------------------|-------------------|
| WL-MMT-8  | 0.75            | 220~240     | 8                | 0.16             | ≤64              | 1320×1340×985     |
| WL-MMT-12 | 1               |             | 12               | 0.23             | ≤92              |                   |
| WL-MMT-16 | 1.5             |             | 16               | 0.32             | ≤128             |                   |
| WL-MMT-20 | 2.0             |             | 20               | 0.4              | ≤160             | 1550×1560×1135    |
| WL-MMT-25 |                 |             | 25               | 0.5              | ≤200             |                   |

WL-MMT Specification

| Model     | Main parts                                                                                                             |
|-----------|------------------------------------------------------------------------------------------------------------------------|
| WL-MMT-8  | BCG450 sand filter + HLLF075M circulation pump + HLLF300M Massage pump + submersible pump + EC Plus 8 salt chlorinator |
| WL-MMT-12 | BCG500 sand filter + HLLF100M circulation pump + HLLF300M Massage pump+ submersible pump + EC Plus 12 salt chlorinator |
| WL-MMT-16 | BCG650 sand filter + HLLF150M circulation pump+ HLLF300M Massage pump + submersible pump + EC Plus 16 salt chlorinator |
| WL-MMT-20 | BCG700 sand filter + HLLF200M circulation pump+ HLLF300M Massage pump + submersible pump + SQ30 salt-chlorinator       |
| WL-MMT-25 | BCG800 sand filter + HLLF200M circulation pump+ HLLF300M Massage pump + submersible pump + SQ40 salt chlorinator       |

WL-GMT

- Adopts LASWIM pump with high performance and low noise.
- With submersible pump to avoid the hazardous of flood in filtration box.
- Adopts high-tech disinfecting equipment, such as salt chlorine generator and UVsterilizer.
- Could be used for swimming pool, hot spring and SPA in different sizes and various shapes.

WL-GMT parameter

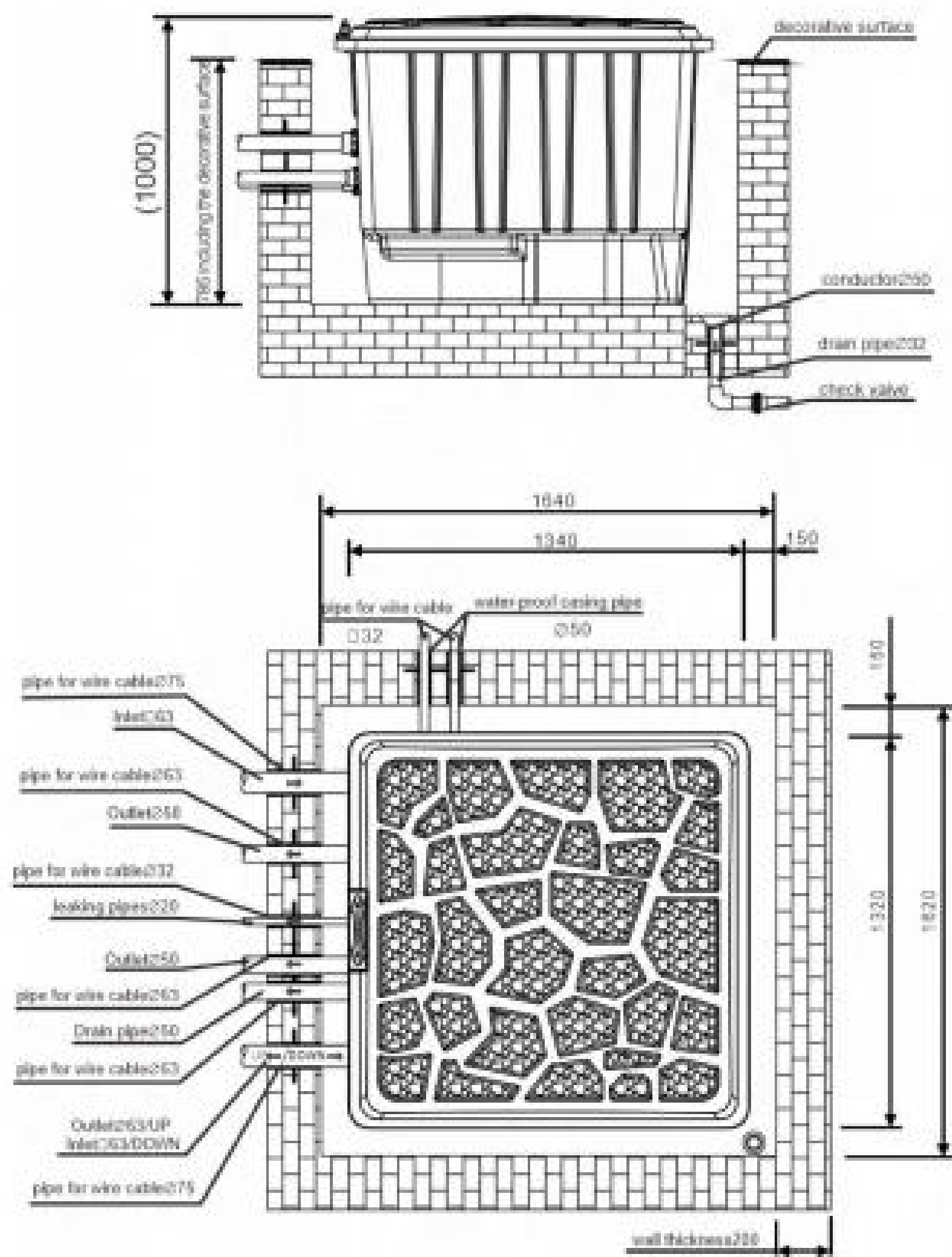
| Model     | Horsepower (HP) | Voltage (V) | Flow Rate (m³/h) | Filter area (m²) | Pool volume (m³) | Outline size (mm) |
|-----------|-----------------|-------------|------------------|------------------|------------------|-------------------|
| WL-GMT-8  | 1.5             | 220~240     | 8                | 0.16             | ≤64              | 1320×1340×985     |
| WL-GMT-12 |                 |             | 12               | 0.23             | ≤92              |                   |
| WL-GMT-16 |                 |             | 16               | 0.32             | ≤128             |                   |
| WL-GMT-20 | 2.0             |             | 20               | 0.4              | ≤160             | 1550×1560×1135    |
| WL-GMT-25 |                 |             | 25               | 0.5              | ≤200             |                   |

WL-GMT Specification

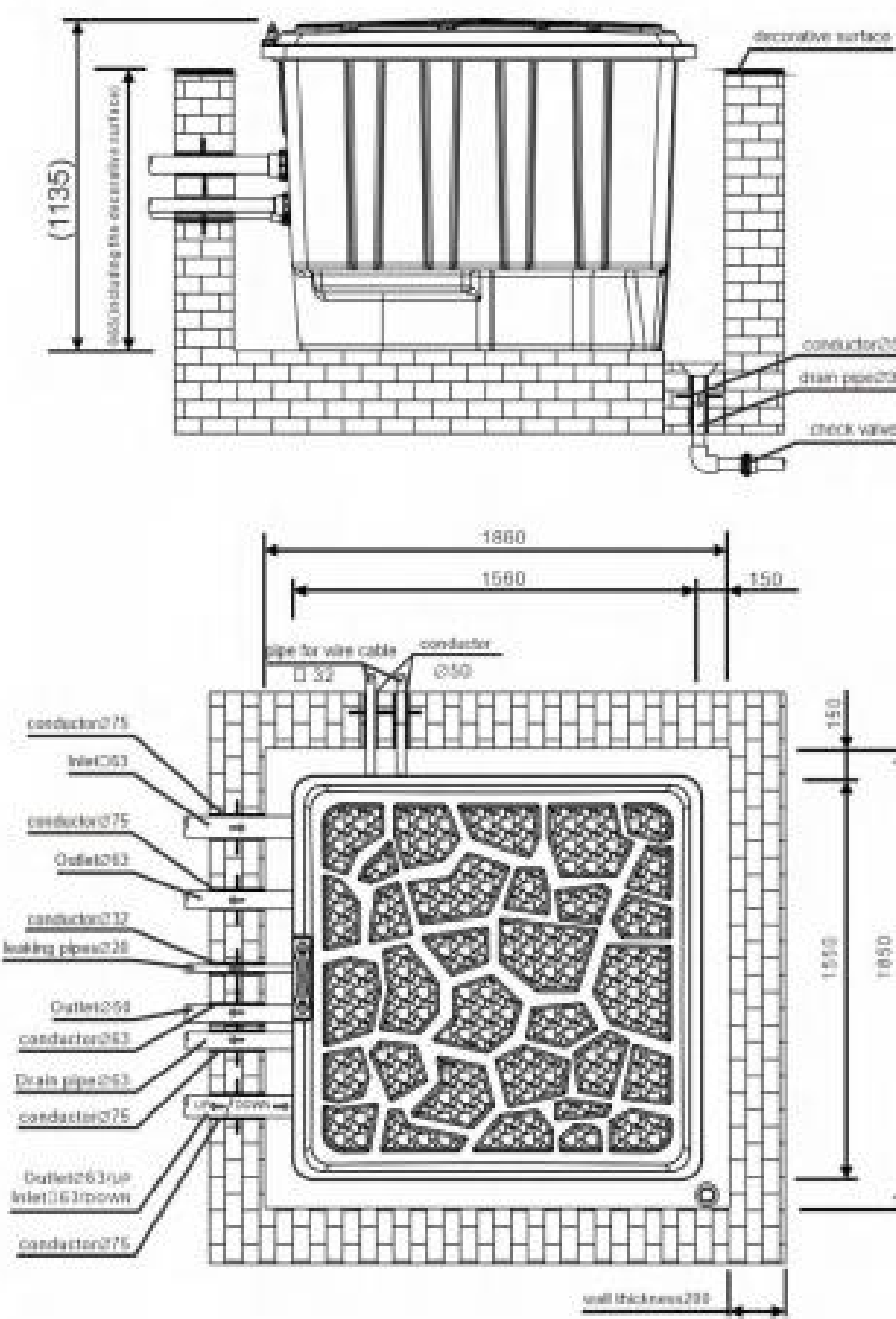
| Model     | Main parts                                                                                                               |
|-----------|--------------------------------------------------------------------------------------------------------------------------|
| WL-GMT-8  | BCG450 sand filter+0.75HP Circulation pump+ 3HP massage pump+ EC8 salt chlorinator + 28W UV Sterilizer+ submersible pump |
| WL-GMT-12 | BCG500 sand filter+1.0HP Circulation pump+ 3HP massage pump+ EC12 salt chlorinator + 28W UV Sterilizer+ submersible pump |
| WL-GMT-16 | BCG650 sand filter+1.5HP Circulation pump+ 3HP massage pump+ EC16 salt chlorinator + 28W UV Sterilizer+ submersible pump |
| WL-GMT-20 | BCG700 sand filter+2HP Circulation pump+ 3HP massage pump+ SQ30 salt chlorinator + 28W UV Sterilizer+ submersible pump   |
| WL-GMT-25 | BCG800 sand filter+2HP Circulation pump+ 3HP massage pump+ SQ40 salt chlorinator + 28W UV Sterilizer+ submersible pump   |

Remark: Please refer to the relevant page of this information for details and performance of the product in the above table.

1、WL-GMT-8/12/16 INSTALLATION DIAGRAM



2、WL-GMT-20/25 INSTALLATION DIAGRAM





## WL-DMC SMART ELECTRICAL CONTROL SYSTEM

### Product Dimensions

Compact and space-saving, 430×330×170 mm, enabling quick installation.

### Maximum Power

4.6kW (AC220V), ensuring high efficiency and stability.

### Control Methods

Remote control via the Tuya APP, local timer control, and local manual control.

### Application Scenarios

Ideal for single integrated filtration units and intelligent control systems for small swimming pools.

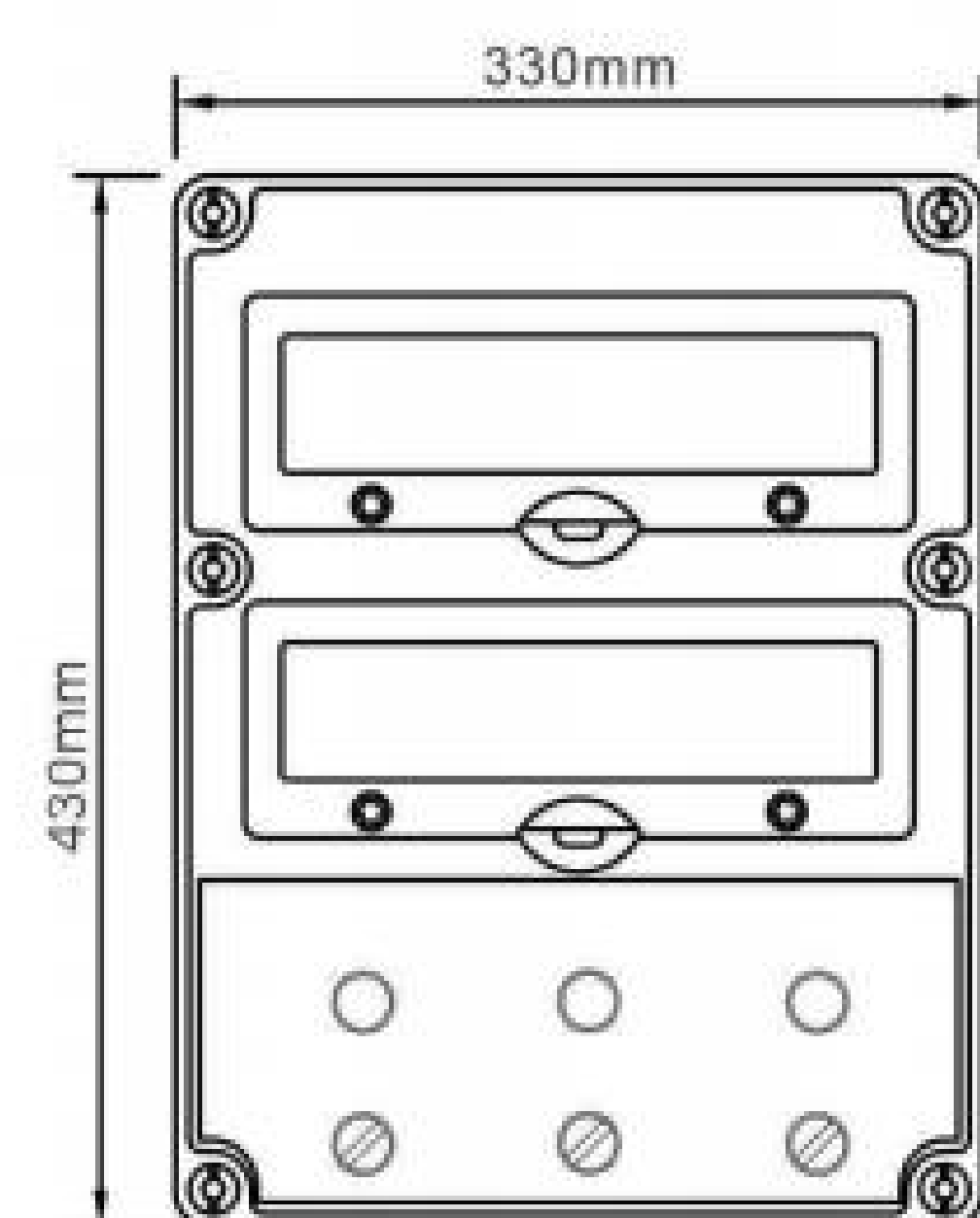


WL-DMC



### Remote Control

Monitor equipment status anytime, anywhere.



### Flexible Control Modes

Switch between timer, manual, and remote control to meet diverse needs.

| Model      | Supported Equipment Power |               |                  |              |
|------------|---------------------------|---------------|------------------|--------------|
|            | Circulation Pump          | Function Pump | Underwater Light | UV Equipment |
| WL-DMC1500 | 1.5kW                     | 1.5kW         | 0.2kW            | 28W          |
| WL-DMC2000 | 2.2kW                     | 2.2kW         | 0.2kW            | 28W          |

Maximum Supported Power : 4.6kW/AC220V

## WL-DMC-PLC11000 SMART ELECTRICAL CONTROL SYSTEM



WL-DMC-PLC11000

### Maximum Power

11KW (AC220V), powerful performance and suitable for multiple small pools or a single larger pool.

### Supported Equipment

4 circulation pump sets, 4 salt chlorinator sets, 4 underwater light sets, and 4 UV equipment sets.

### Application Scenarios

Manage up to 4 integrated filtration units or serve as an intelligent control system for medium-to-large swimming pools.

### PLC Precision Control

Real-time display of salt chlorinator data, precise control of pumps, heaters, underwater lights, and sand filter valves.

### Convenient Touch Operation

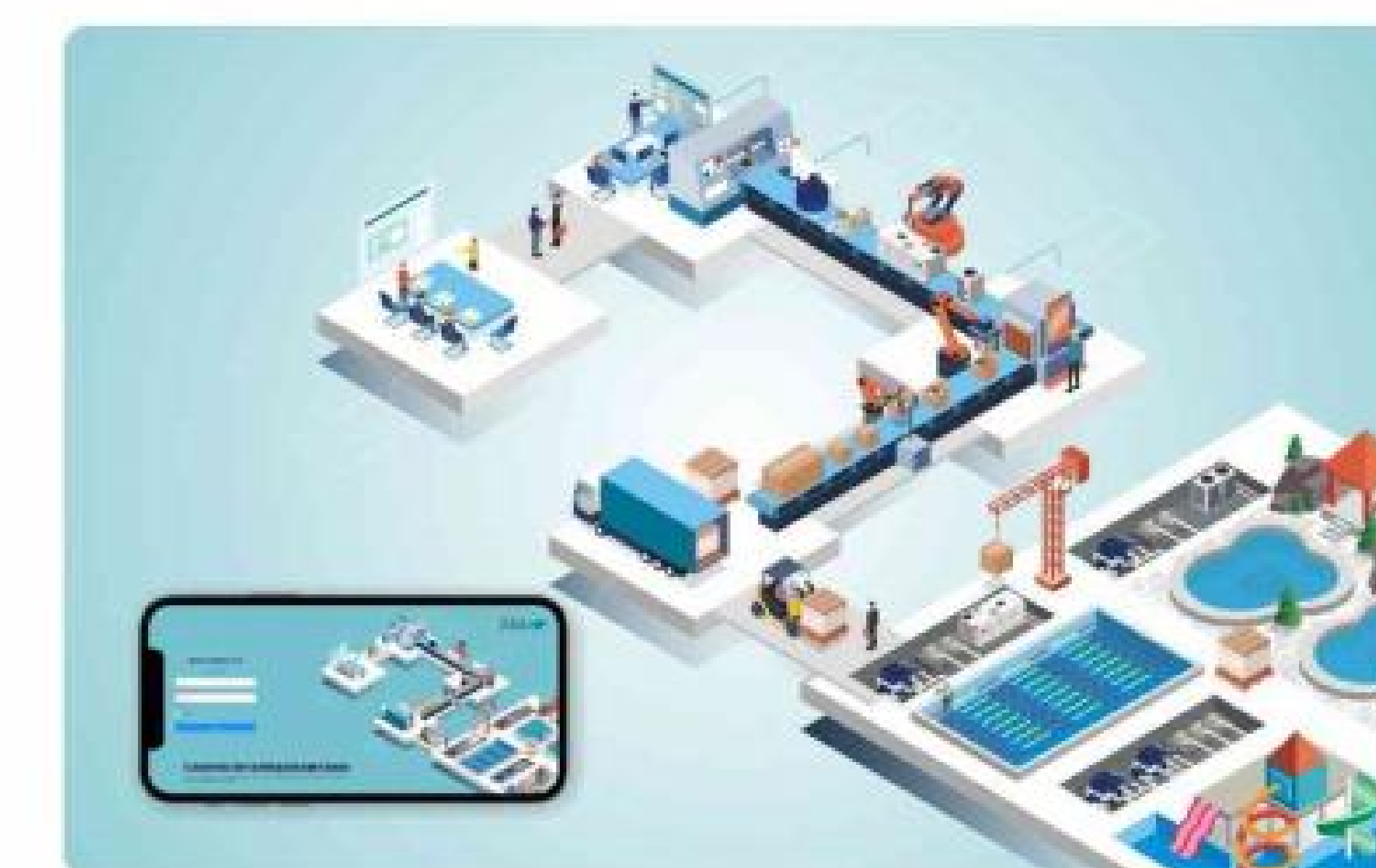
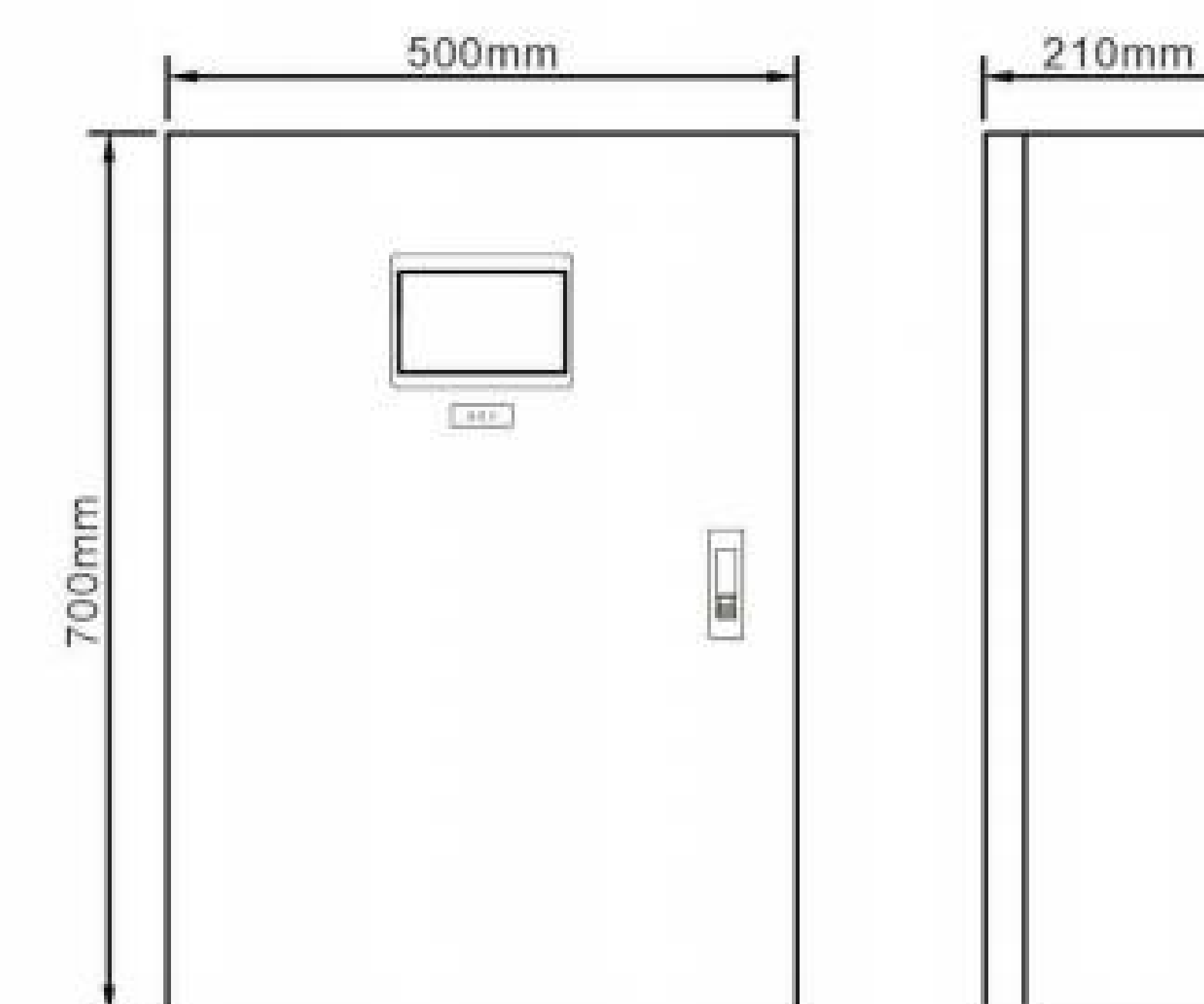
Intuitive and simple touch screen control.

### WeChat Mini-Program Control

Remote device control via WeChat mini-program, anytime, anywhere.

### Cloud Platform Management

Full integration with the LASWIM Smart+ Cloud Platform for remote monitoring and data analysis.



| Model           | Supported Equipment Power |                       |                 |        |
|-----------------|---------------------------|-----------------------|-----------------|--------|
|                 | 4 × Circulation pumps     | 4 × Salt chlorinators | 4 × Pool lights | 4 × UV |
| WL-DMC-PLC11000 | 8.8kW                     | 0.8kW                 | 0.8kW           | 112W   |

Maximum Supported Power : 11kW/AC220V