

# ELOS

Series Manual

DC pump

SF3000 - SF6000 - SF11000



Please read carefully and make sure you understand the instructions before using the product.

Welcome to the user manual of the ELOS's DC water pump series. For any problems related to the use of our pumps please contact your local dealer or our Customer service through our e-mail. The products, which you bought accomplish to the most strict requirements about safety. While opening the box please check if the water pump and the accessories are complete and in good conditions according to the list below:

1. Water pump.
2. Electronic controller.
3. AC adapter
4. Power cord.
5. Inlet pipe
6. Outlet pipe
7. Manual and warranty card



Please note that the picture below may differ from model to model:

## How to install

Environment: the product is design for indoor use. Any other application may be dangerous exposing the pump and the user to electric shock. Use the pumps at a temperature between 0~35 °C. Keep the controller protected from water splash.

## Inlet/Outlet

Connect the inlet and the outlet piping to the pump. Connect the pump to flexible hoses to reduce vibrations. Be sure that the connection is tight. In case the pump is placed under the water, inside a SUMP, it is not necessary to connect any neither accessory nor pipe to the inlet of the pump. It is not necessary to install the supplied accessory to the water inlet in case the pump works inside the water

## USE of the Display:

Set-UP of the cycle mode.

Press the Start/Stop button: the water pump will slowly start and within about 30 seconds it will reach its maximum output. To stop the water pump, please press this button again.

Press the Up or Down buttons: to modify the flow rate from 0 to 100%.

Press the Setting/Pause button: to stop the pump for 30 minutes.

It is possible to modify the duration of the pause through the setting button (see below).



Start/Stop



Down



Up



Pause/Setting

## Wave maker mode:

Available only for SF 6 and SF 11. SF3 cannot use this mode.

1. Press the Start/Stop button to STOP the pump.
2. Press the UP & Setting buttons together for 3 seconds. The display will change to P3 (See picture above)
3. Press the Start button to cycle between the parameters to change:
  - RUN time duration
  - STOP time duration
  - PAUSE duration

- Use the UP & DOWN buttons to set the parameter to the desired value (duration in seconds), you can change the settings according to the size of your tank and your personal preferences.

### Examples:

Setting the same value for RUN time and STOP time, it will make sine wave.

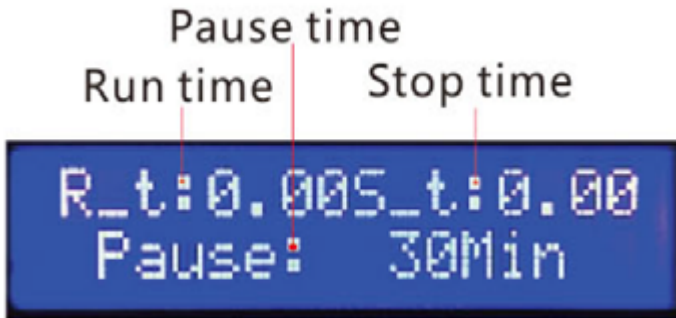
Setting the RUN time longer than the STOP time, it will make long wave.

Setting the RUN time short than the STOP time, it will make short wave.

Setting the STOP time to 0 will disable Wave mode.

Press the Setting/Pause button to save the desired values.

Restart the water pump, the water flow rate will between 15% and your setting rate.



### Alarm

If the display shows "Comm Error", please check the connection between the display and the pump.

If the display shows "Low Voltage", please check the power supply.

If the display shows "Over Voltage", please check the power supply.

### Regular maintenance:

To open the pump and expose the rotor please twist the head of water pump in anti-clockwise. The shell that covers the rotor will detach from the pump. Take off the O-ring. Pull out the rotor and clean all the parts.

Upon installing please be careful not to damage the O-Ring.

To remove calcium deposit please socks the pump into a solution of water and vinegar. Do not use any acid.

## About warranty

Within the warranty period please contact your local dealer or our customer service in case of quality issues. We will offer you all the necessary assistance.

## Warranty time:

Warranty time for the Power supply is 2 months. Warranty time for the Pump or the Controller is 1 year

During the Warranty time ELOS will repair or change the pump whenever a problem will appear, only due to manufacturing fault.

## Warranty policy

The starting date of warranty is the date reported in your purchase receipt. If you cannot supply the receipt, the starting date will be considered 2 months after manufacture date.

After the repair the product is covered by a 3 months warranty.

In case the date of repair will be over the guarantee period, ELOS reserve the rights to charge a fee.

ELOS warrants the ELOS branded hardware and accessories contained in the original packaging against defects in materials and workmanship when used in accordance with ELOS's user manuals, technical specifications and other ELOS Product published guidelines for a period of ONE (1) YEAR from the date of original retail purchase by the end-user purchaser ("Warranty Period"). You will be able to receive the remedies available under the One Year Limited Warranty for your ELOS product via ELOS service facilities.

This warranty does not apply to any non-ELOS branded hardware.

Non-ELOS branded products may have the benefit of a manufacturer's warranty, which provides benefits in addition to consumer law rights - please, check your product box and literature for details.

Service options may be limited if requesting service in a country that is not the country of purchase for the ELOS Product. In the event that service for the ELOS Product is not available in such country, ELOS will notify you of any additional charges for shipping and handling that may apply before rendering service.

This warranty does not apply: (a) to consumable parts, such as batteries or protective coatings that are designed to diminish over time, unless failure has occurred due to a defect in materials or workmanship; (b) to cosmetic damage, including but not limited to scratches, dents and broken plastic on ports; (c) to damage caused by use with another product; (d) to damage

caused by accident, abuse, misuse, liquid contact, fire, earthquake or other external cause; (e) to damage caused by operating the ELOS Product outside the user manual, the technical specifications or other ELOS Product published guidelines; (f) to damage caused by service performed by anyone who is not a representative of ELOS; (g) to an ELOS Product that has been modified to alter functionality or; (h) to defects caused by normal wear and tear or otherwise due to the normal aging of the ELOS Product; or (i) if any serial number has been removed or defaced from the ELOS Product.

ELOS

Verona - ITALIA  
tel. +39 045 7952142  
[www.eloseurope.com](http://www.eloseurope.com)

Graphic Designer: Mirko Agasi  
Concept: Nicola Gandini