Maintenance and cleaning

Attention! Dangerous electrical voltage.
Possible consequences: Death or serious injuries.
Protective measures:
- Electrical units and installations with a rated voltage of U > 12 V AC or U >30 V DC located in the water: Isolate the units and installations (switch off and disconnect from the power supply) before reaching into the water.
- Isolate the unit before starting any work.
- Secure the unit to prevent unintentional switching on.

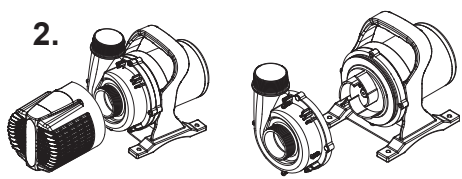
Cleaning the unit

- Regular cleaning of the pump may be necessary depending upon the environment in which it is operated. Clean the pump when it is visibly soiled or when a drop in performance is detected. Clean the unit with warm water using a soft brush.
- Never use aggressive cleaning agents or chemical solutions. These could attack the housing surface or impair the function.
- In the event of stubborn furring (calcium deposits), a common household cleaner free from vinegar and chlorine can be used. Subsequently, clean the pump thoroughly using warm water.

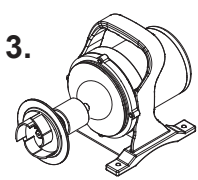
Cleaning the pump

1. Disconnect the pump from the power source
  ○ Disconnect the tubing.

2. Remove the screen and disassemble the impeller housing by unscrewing the screws to expose the impeller assembly.

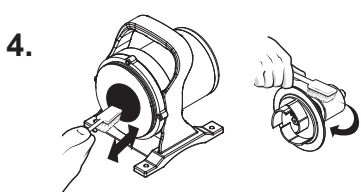


3. Remove the impeller assembly by pulling on the back round plate behind the impeller



4. Use a soft cloth or brush to clean the impeller assembly and the inside of the impeller housing.

- Check parts for damages such as cracked shaft, cracks in the bearing, and broken plastics. Replace parts if necessary.



5. Reassemble in the reverse order.