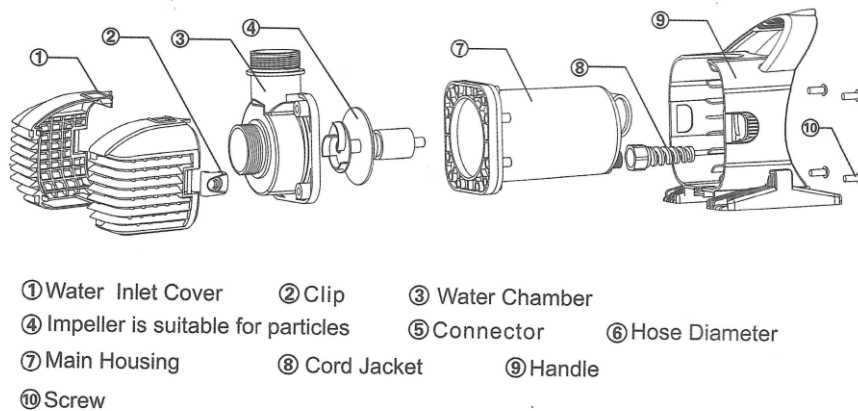


MAINTENANCE / PUMP CARE

DO NOT test this pump dry. Running this pump out of water can damage the rotor and will not be covered under warranty.

- To prolong the service life of your pump and to keep it in good operating condition, it is recommended to perform maintenance and clean regularly.
- In the beginning check performance of your pump every day.
- Clean filter if necessary
- Servicing intervals (complete cleanup) will vary depending on pond pollution, repeat the periodic service to you pump as required for your pond conditions.
- The shaft hole on the rotor and ceramic bearing inside the motor housing should be cleaned at regular intervals using FRESH water.
- If you notice any damaged or worn parts replace them before returning the pump to your pond.

Dismantling / Assembly



- Disconnect pump from power supply
- Remove screw from bottom of filter/inlet cover
- Loosen the 4 screws from end of pump under the handle (10)
- Remove the water chamber (3) from the main housing (7)
- Remove the rotor assembly/impeller (4) from the main housing (7)
- Clean the shaft hole by using a long Q-tip
- Clean all parts using fresh water and soft sponge. CLR may be used for mineral/iron build up.
- REASSEMBLE:
 - Push the rotor assembly/impeller (4) into the main housing (7)
 - Make sure the rotor assembly is free and turns easily
 - Check the position of the sealing ring
 - Push the water chamber (3) onto the main housing (7) and tighten the screws uniformly
 - Replace filter basket on pump housing, replace screw on bottom.

If you are unable to remove the rotor assembly/impeller (4), you may need to soak the pump in CLR or a similar cleaner to loosen the debris.

Please see pictures on next page of rotor assembly for further maintenance tips.



This picture is what your rotor should look like after it is cleaned. Please make sure that the ceramic shaft and silver plating are both still intact after disassembling and cleaning.

There is a rubber gasket on the impeller side around the outer edge. Make sure it remains in place when reassembling your pump.



If your rotor looks similar to this one, please check inside the main housing to ensure it is not damaged. Typically, we can start by trying a new rotor to get your pump back up and running, as long as, the main housing is not damaged.

When disassembling, check to make sure the white ceramic shaft on the end of the rotor is still intact. If this is broken, the rotor and possibly the housing, will show damage.

Please give us a call to proceed, if your rotor resembles this one.