

READ AND FOLLOW SAFETY INSTRUCTIONS!

⚠ This is the safety alert symbol. When you see this symbol on your pump or in this manual, look for one of the following signal words and be alert to the potential for personal injury:

⚠ DANGER warns about hazards that **will** cause serious personal injury, death or major property damage if ignored.

⚠ WARNING warns about hazards that **can** cause serious personal injury, death or major property damage if ignored.

⚠ CAUTION warns about hazards that **will** or **can** cause minor personal injury or property damage if ignored.

The label **NOTICE** indicates special instructions which are important but not related to hazards.

Carefully read and follow all safety instructions in this manual and on pump.

Keep safety labels in good condition.
 Replace missing or damaged safety labels.

GENERAL SAFETY

To avoid serious injury and/or property damage, read and follow these rules and instructions carefully.

1. Pump is designed to be used with clean, fresh, water. **Do not** use pump for salt water application, or for any flammable type liquid.

2. **Do not** handle pump with wet hands or when standing on wet or damp surface.

⚠ WARNING **Hazardous voltage.** Disconnect power before working on pump.

⚠ WARNING **To reduce the risk of electric shock,** use only on portable self-contained fountains no larger than 5 feet in any dimension.

3. **Do not** lift pump by power cord at any time. Attempting to lift or support pump by power cord can damage cord and cord connections, and will void warranty.

4. This equipment is **only** for use on 115V, 60 Hz, circuits. **Do not** operate pump unless it is properly grounded

⚠ WARNING **Risk of electric shock.** Pump is supplied with a grounding conductor and a 3-prong grounding-type attachment plug. To reduce the risk of electric shock, be certain that it is connected only to a properly grounded 3-prong grounding type receptacle.

5. The National Electric Code requires a ground fault circuit interrupter (GFCI) be installed in the branch circuit supplying fountain pumps and other pond equipment. This device may be obtained at your local electrical supply dealer.

6. Check all local codes pertaining to outdoor ponds/fountains. You must comply with their rules.

⚠ Meet National Electrical Code, Canadian Electrical Code, and local codes for all wiring.

OPERATION/MAINTENANCE

1. Pump is a submersible type and must be under water at all times for proper operation and cooling.

⚠ CAUTION **Never run pump dry!**

Periodically check to see that impeller rotation is not being hampered by any debris and to clean internal components.

Disassembly/Cleaning (Refer to Figures 1 and 2)

⚠ WARNING **Hazardous voltage.** Disconnect power before working on pump.

⚠ CAUTION **Component damage may occur.** Never tamper with internal components of the electric motor, or cable at entry of pump.

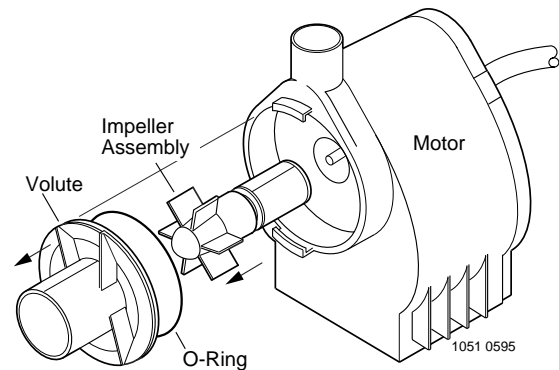


Figure 1

1. Grip volute suction end by hand and twist counter-clockwise 1/8 turn. Pull straight out.
2. Pull impeller assembly from motor.
3. Rinse pump volute, O-Ring, and impeller thoroughly with clean water.
4. Reassemble by reversing above steps. Apply soapy water to O-Ring area to ease assembly.

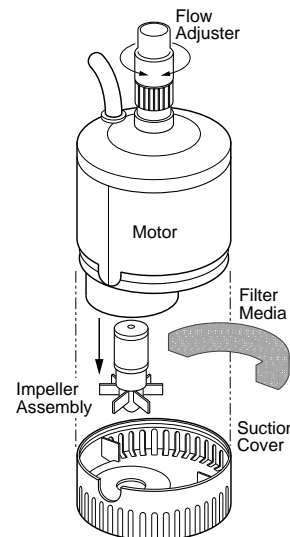


Figure 2

1. Hand grip suction cover, turn slightly clockwise, and pull straight off.
2. Pull impeller assembly from motor, check for debris.
3. Remove filter media from suction cover, rinse both thoroughly with clean water.
4. Reassemble by reversing above steps.