

QUICK START GUIDE



PROBLEM? PLEASE DO NOT RETURN THE PRODUCT TO THE PLACE OF PURCHASE.

Please visit our website at www.simplicityaquatics.com/support for additional information and videos. **Need more help?** Please contact us directly at customercare@simplicityaquatics.com or 424-757-6150 and we'll be happy to help you out.



Parts List

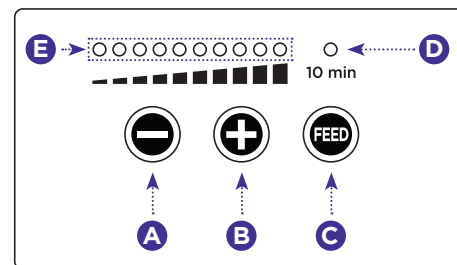
- Pump Body
- Controller
- Electronic Power Supply
- Grounded Power Cord
- Intake Screen
- Plumbing Part Kit

Installation

SUBMERSIBLE USE ONLY

1. Plumb pump with barb fittings (included) or threaded fittings (not included) and desired tubing. Please use included O-rings with the barb fittings to minimize leakage and only hand tighten the hose barb retaining collar. Do NOT tighten with tools as breakage may occur.
2. Attach intake screen to pump body.
3. Place pump in water being careful not to submerge the connector on the end of the cord. If the connector gets wet, it MUST be dried out completely prior to use.
4. Connect pump electrical cable to controller. Please make sure the connection is tight and firm, and use the water resistant retaining collar to reduce exposure to moisture.
5. Connect power supply to controller.
6. Mount the controller and the power supply in an area free from heat, water and moisture, ideally in an area with good airflow to allow the components to remain cool.
8. Double-check all connections.
9. Connect power cord to power supply.
10. Plug power cord into grounded outlet.

Controller Operation



- A. [-] button decreases flow and reduces energy consumption
- B. [+] button increases flow and increases energy consumption
- C. FEED button stops the pump for 10 minutes for feeding or maintenance. Pump will automatically restart after 10 minutes or can be restarted manually by pressing the feed button again.
- D. FEED light illuminates when FEED mode is enabled.
- E. 10 LED lights indicate the current flow settings.

	Max. Flow Rate	Min. Flow Rate
1000 DC	1,000 gph	790 gph
1600 DC	1,600 gph	1,150 gph
2100 DC	2,100 gph	1,350 gph
3200 DC	3,200 gph	1,400 gph

Lock/Unlock

- **Lock:** Press the [+] or [-] button for 3 to 4 seconds until the controller LED lights flash twice.
- **Unlock:** Press the [+] or [-] button for 3 to 4 seconds until the controller LED lights flash twice again.

Safety Information

Please take great care when installing and using this pump. This is an electrical device and, as with any electrical device used in or around an aquarium, caution needs to be exercised. Failure to do so may result in electrocution, fire, serious bodily injury or even death. Please follow these safety requirements carefully, as failure to do so will void the warranty and could cause serious safety hazards.

- ⊘ **NEVER** operate the pump if it has been damaged or is malfunctioning.
- ⊘ **NEVER** operate the controller with wet hands or if the controller is wet.
- ⊘ **NEVER** re-wire, re-configure or modify the pump in any way.
- ⊘ **NEVER** use with generators.
- ⊘ **NEVER** grab the pump or controller by the electrical cord as this may cause the wires to become exposed.
- ⊘ **NEVER** use the pump in water above 95° Fahrenheit.
- ⊘ **NEVER** use the pump in anything but freshwater or saltwater.
- ⊘ **NEVER** use the pump for a swimming pool or other body of water intended for human use.
- ⊘ **NEVER** run the pump dry.
- ⊘ **NEVER** run the pump in water deeper than 54 inches.
- ⊘ **NEVER** install the controller outdoors or in a wet environment.
- ⊘ **NEVER** subject the controller to direct heat, such as sunlight or heat lamps.
- ✔ **ALWAYS** unplug the pump from its power source before doing any work on the pump or placing hands in water.
- ✔ **ALWAYS** leave a bit of slack in the electrical cord to help absorb any pump vibrations.
- ✔ **ALWAYS** use of a GFCI (Ground-fault Circuit Interrupter).
- ✔ **ALWAYS** keep away from children.
- ✔ **ALWAYS** run the pump completely submerged in water.
- ✔ **ALWAYS** run the pump with a drip loop in the power cord to prevent moisture from reaching your power receptacle.
- ✔ **ALWAYS** run the controller with adequate space to allow cooling.
- ✔ **ALWAYS** place the power supply in a cool, dry location.

Troubleshooting & Maintenance

For troubleshooting, maintenance and other frequently asked questions, please visit www.simplicityaquatics.com

Warranty

For warranty information, please visit www.simplicityaquatics.com/support/warranty/

Need more help? For more information on pump setup and operation please visit www.simplicityaquatics.com/support/