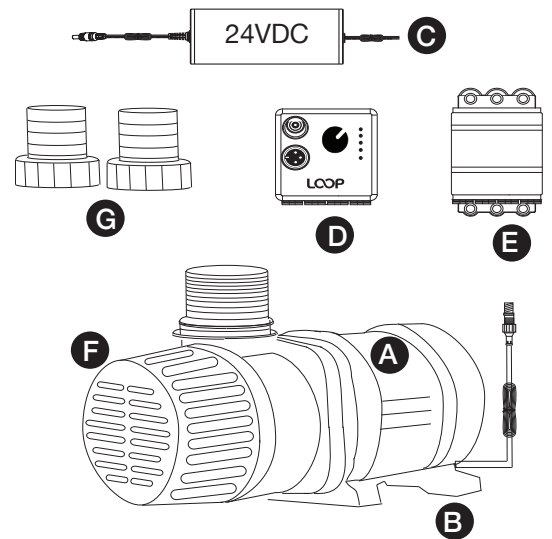


What's Included

Each eFlux DC Flow pump includes:

Item	Description	Quantity
A	eFlux DC Flow Pump	1
B	Rubber Pump Mounts (pre-installed)	2
C	24V DC Transformer, UL® Listed	1
D	Flow Pump Manifold HUB w/microUSB Cable	1
E	Manifold HUB Bracket & Mounting Hardware	1
F	Pump Screen Inlet	1
G	Inlet/Outlet Fittings	2



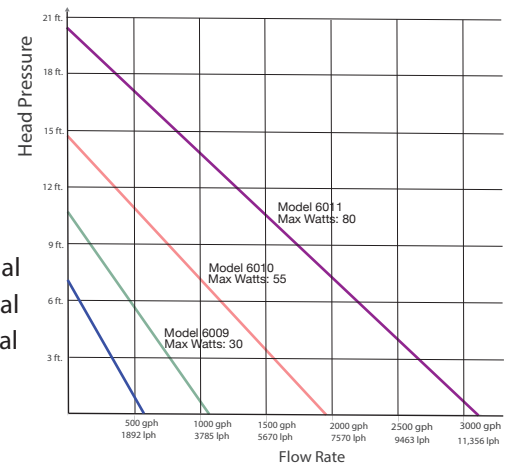
Installation - READ SAFETY WARNINGS BEFORE INSTALLATION

Important - Please visit our website for installation videos at www.current-usa.com

Pump Specifications

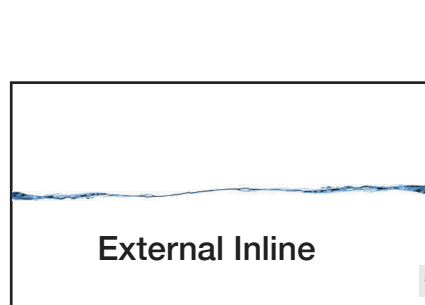
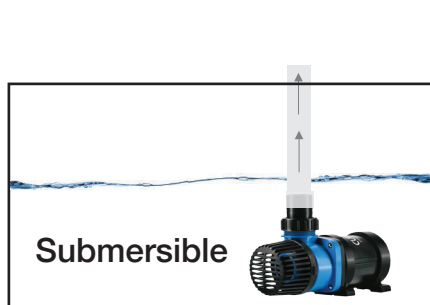
Item#	Max. gph	Max. Height	Max. Watts	Voltage	Outlet	Application
6008	520	7.2ft./2.2m	20	24VDC	1/2" & 3/4"	Submerge Only
6009	1050	10.5ft./3.2m	30	24VDC	3/4" & 1"	Submerge/External
6010	1900	14.75ft./4.5m	55	24VDC	3/4" & 1"	Submerge/External
6011	3170	20ft./6m	80	24VDC	3/4" & 1"	Submerge/External

*Note: threaded PVC fittings are not recommended, but are compatible on some pumps. If using PVC fittings do not overtighten and ensure teflon tape is used.



Plumbing the eFlux DC Flow pump

The eFlux DC flow pump can be installed either submersible (internal) or the larger models inline (external). If using in a submersible application, use the inlet pump screen (included).



Note: 6008 is for submersible applications ONLY.

6009/6010/6011 can be used both submersible or external.

Installation

NOTE: Please ensure to follow your aquarium tank and sump/filter manufacturer instructions regarding the minimum size requirement of your sump and if a check valve is required.

Installing Pump

Submersible (internal) Installation

- Step 1.** Thread pump filter screen to inlet of the pump.
- Step 2.** Place O-ring inside the outlet barb fitting and quick coupling. Thread barb fitting to pump and hand tighten.
- Step 3.** Connect return hose (not included) by sliding over barb fitting. Ensure hose is secured using a hose clamp (not included).
- Step 4.** Fill sump with water and check for water/air leaks.



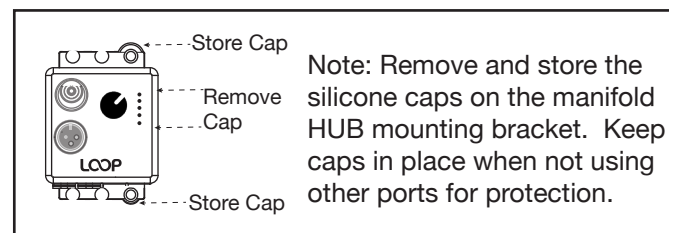
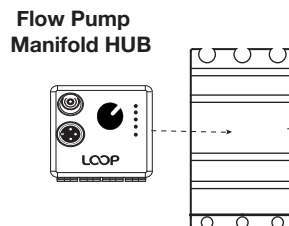
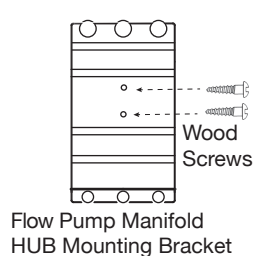
Inline (external) Installation

- Step 1.** Place o-ring inside the inlet barb fitting and quick coupling. Thread barb fitting to pump inlet and hand tighten.
- Step 2.** Place o-ring inside the outlet barb fitting and quick coupling. Thread barb fitting to pump outlet and hand tighten.
- Step 3.** Connect inlet hose (not included) by sliding over inlet barb fitting. Ensure hose is secured by using a hose clamp (not included.) Connect return hose to outlet barb fitting and secure with clamp.
- Step 4.** Fill sump with water and check for water/air leaks.



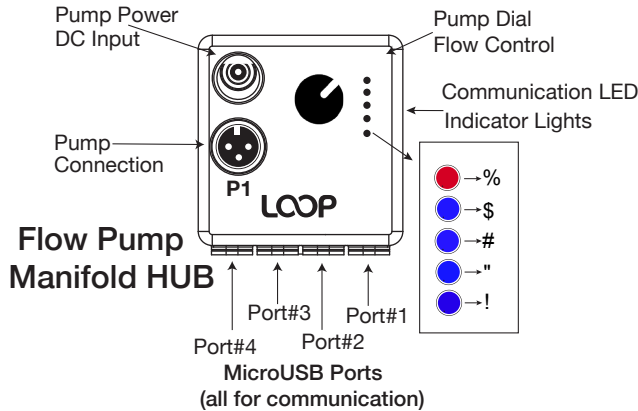
Installing Flow Pump Manifold HUB

- Step 1.** Choose a location underneath your aquarium cabinet free of excessive moisture and/or saltwater. If connecting to another manifold HUB, ensure distance between HUBs is 2"-4".
- Step 2.** Using included wood mounting screws, mount the eFlux flow pump HUB mounting bracket to stand. Slide flow pump manifold HUB into bracket.



Installation

Important: Before connecting all of the components together, please review the following specifications in regards to the Flow Pump Manifold HUB and appropriate connections.



Specifications:

Pump DC Inputs:
Voltage: 24VDC

Indicator LEDs:

A (Blue)= Indicates 520/1050 gph pump is connected
B (Blue)= Indicates 1900 gph pump is connected
C (Blue)= Indicates 3170 gph pump is connected
D (Blue)= Feed - flashes when pump is in feed mode
E (Red)= Active feedback/pump status:

Red Solid - indicates pump is operating normal

Red Flashing - indicates non-normal operation

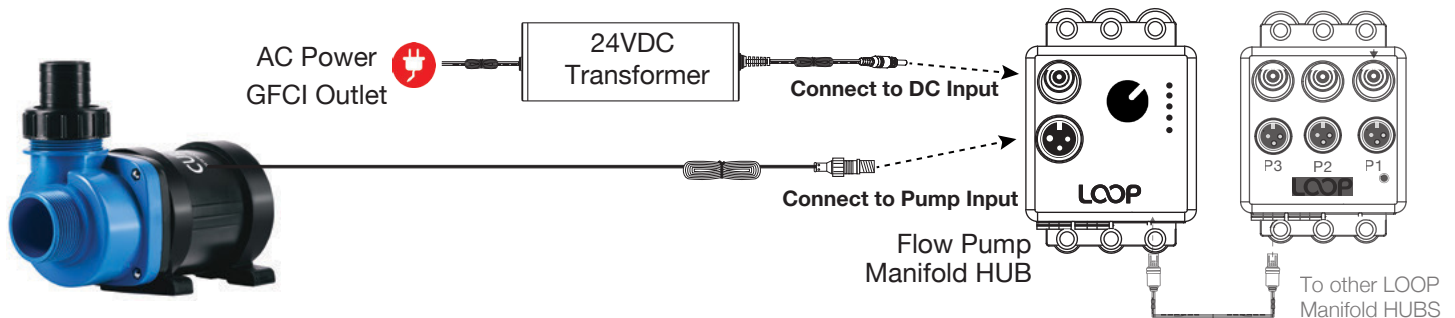
(pump running dry, over voltage/under voltage, over temp)

Connecting Pump to Manifold HUB

Step 1. Plug DC pump cable into pump connection on manifold HUB.

Step 2. Plug 24VDC power supply into DC input on manifold HUB.

Step 3. Red LED status light should turn solid red. Adjust flow from 0-100% using dial until flow rate is achieved. NOTE: eFlux DC pumps have a slow ramp to speed, allow pump to run for 10-15 seconds for pump to reach adjusted flow.



Note: FEED mode will only operate when DC pump is plugged into a manifold HUB with an Orbit IC controller, eFlux wave pump controller or the HUB is controlled via Bluetooth. When in FEED mode, DC flow pump will ramp down to 30% flow for 10 minutes, then ramp to normal speed.

Pump Maintenance

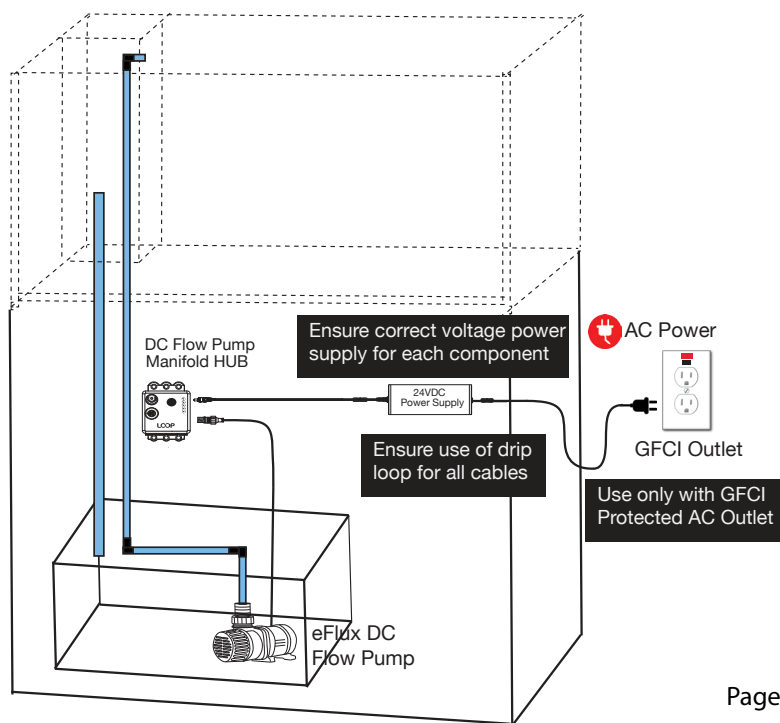
****Important -** Due to harsh conditions found around marine aquariums, it is important to perform the following pump maintenance every 6 months. When performing any maintenance or service, ensure pump is disconnected from power and manifold HUB.

1. Remove pump from service by disconnecting power and removing pump from sump via disconnect fittings.
2. Carefully remove front pump cover, o-rings and slide impeller from pump. Use a small soft brush and running freshwater to clean any organic debris. If any calcium deposits have developed, soak the components in mild citric acid/freshwater solution. DO NOT use strong acids or vinegar.
3. Re-assemble pump, reconnect fittings with all o-rings properly in place and reconnect power.

IMPORTANT WARNINGS | SAVE THESE INSTRUCTIONS

This is **NOT** a page of legalese. It contains important safety information that you should read and save for future reference. Remember you can always quickly access instructions for all our products at www.current-usa.com.

- Never plug in a wet cord. If a plugged in unit or socket does get wet, **DON'T** touch it. Instead, promptly disconnect the fuse or circuit breaker that supplies power to the fixture. Then, you may unplug the fixture and examine for the presence of water.
- Never operate a pump that is damaged or malfunctioning, discontinue use immediately and return the appliance to an authorized service facility.
- Close supervision is necessary when any appliance is used by or near children.
- Always unplug when not in use, before putting on or taking off parts, and before cleaning. Never pull the cord to unplug from GFCI.
- Do not install or store the fixture where it will be exposed to the weather or to temperatures below 0° Celsius or 32° Fahrenheit.
- Do not operate at temperatures above 50° Celsius or 122° Fahrenheit.
- Read and observe all the important notices and warnings on the fixture and power cord. **DO NOT REMOVE THE WARNING LABEL.**
- If an extension cord is necessary, a cord with a rating at least 15 amperes should be used. A cord rated for less amperes or watts than the fixture rating may overheat. Care should be taken to arrange the cord so that it will not be tripped over or pulled.
- Do not install pumps where strong currents can harm animals. Do not install close to sand bed where it can suck/stir sand.
- Keep magnets and all accessories out of reach of children.
- Never place magnets or pump near sensitive electronics, sharp objects or other attractive surfaces.
- Do not run pumps dry or out of water.
- Always place spacer between magnets when not in use.
- Always unplug with dry hands for maintenance or servicing.
- Turn all controllers **OFF** and disconnect power supply before performing any service or maintenance.
- This product **MUST** be powered by a UL or ETL listed power supply.
- To avoid possible electric shock, power supply **MUST** be plugged into a GFCI wall outlet installed by a certified electrician in accordance with all local codes. All products must have a drip loop.



Current-USA One Year Limited Warranty

This product **MUST** be purchased from an authorized Current-USA reseller. Visit our website for a list of unauthorized resellers. Current USA, Inc. warrants this product against defects in materials and workmanship for **ONE (1) YEAR** from the date of original retail purchase and is not transferable.

Warranty on all Products, including Aquariums, is limited to replacement of the product and does not cover fish loss, personal injury, property loss or direct, incidental or consequential damage arising from the use of this product.

Note: Current-USA, Inc. One-Year Limited Warranty does not cover damage caused by the following: improper installation, saltwater corrosion, electrical surges, or modifications.

If you discover a defect, please see your retail store or point of purchase. Current USA, Inc. will, at it's option, repair or replace the product at no charge to you, provided you return it during the warranty period. A copy of the bill of sale is required as proof of original purchase date in the event the product needs repairs within the warranty period. Please see your dealer for return options and warranty replacement parts. This warranty applies only to products by or for Current USA, Inc. that can be identified by trade name, or logo affixed to them. Current-USA, Inc. does not warrant any products that are not Current-USA, Inc..

This warranty does not apply if the product has been damaged by accident, abuse, misuse or misapplication or if the product has been modified without the written permission of Current-USA, Inc.; or if any Current-USA, Inc. logos have been removed or defaced.

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Important Warnings | Drip Loops

Drip Loops should always be used to help prevent water from traveling along the cord and coming into contact with an electrical outlet. Drip loops must always be below the level of the outlet.

