



Bait & Livewell Pump Installation & Operation Instructions

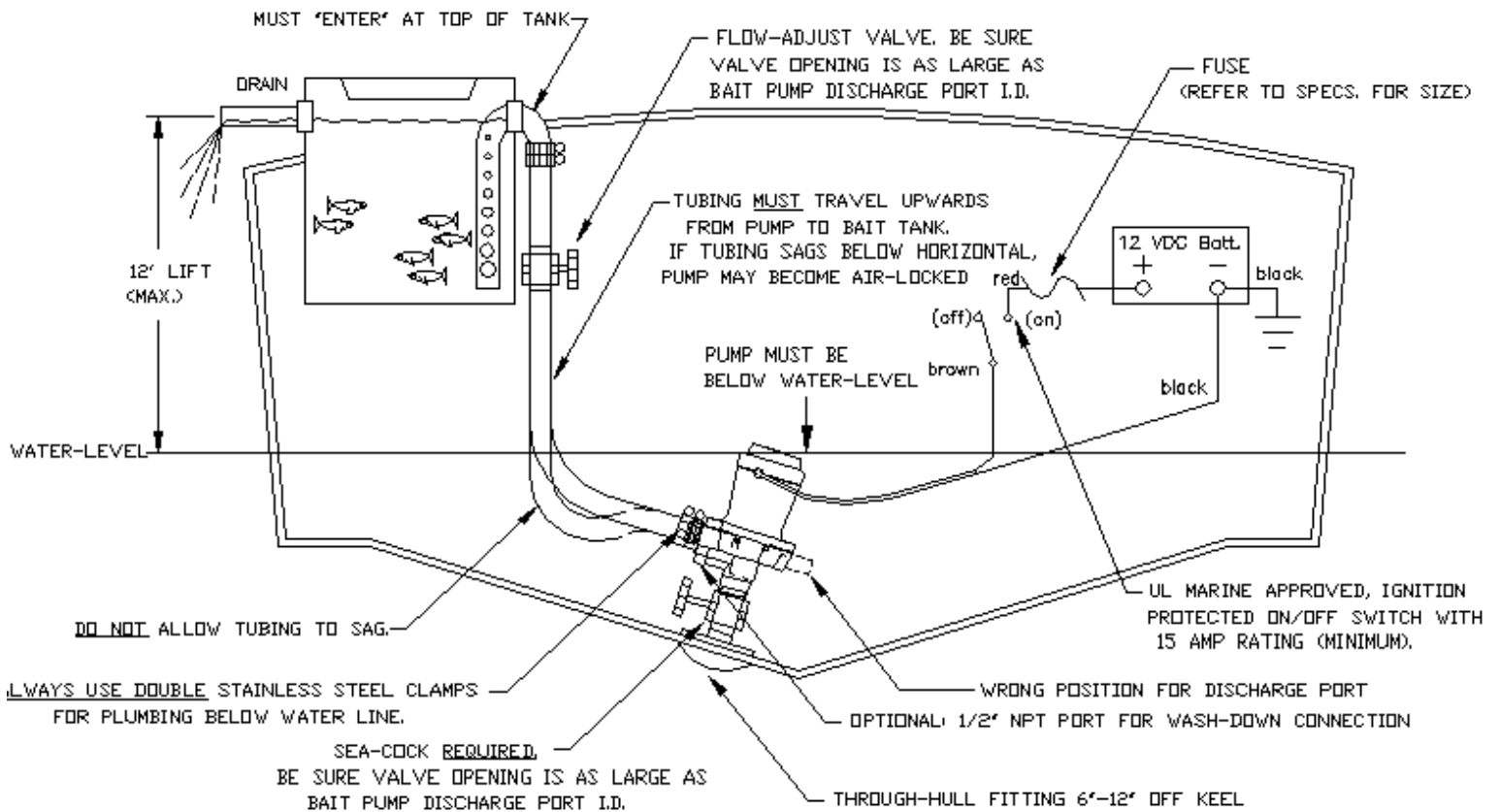
MOUNTING (Suggested installation & operation only. Your installation may vary)

Mount scoop-type thru-hull [high speed pick-up] to hull. **Do not drive screws through hull!** Below water level thru-hull fittings must have a seacock shut-off valve. Install a 1" NPT-M brass nipple fitting into pump inlet and mount directly to seacock.

PLUMBING

Use smooth I.D. discharge tubing. **Tubing should be rated for below water line use. Always use double clamps for connections below the water line.** Tubing should enter tank at top to avoid tank draining while pump is off. (See illustration for recommended installation).

Avoid airlock & maximize performance: Avoid any sagging or loops in the tubing. Tubing must go up from pump to tank. Use full-flow style valves only. Valve is used to regulate flow to tank while at rest and while under way (2 different settings).



ELECTRICAL

Use 16GA wire for all circuits. If installation is over 20 feet, use 14GA wire. Brown pump wire must be connected to positive power. When the controller detects a lock rotor condition (high amps) for more than 10 seconds it will turn the pump off until power gets reset. Use waterproof connectors and splices. Attach all wires to UL Marine approved duty switch rated at or above 15 amps. Wire connections should be made above water level at the highest possible position. Seal wire connections to prevent corrosion and electrolysis.

WARNING Always use fuse with amps rating specified on pump label. Failure to do so may result in serious personal injury, fire hazards and will void the warranty.



OPERATION

Never operate equipment if gasoline fumes are present. **Always** test pump before leaving dock. **Open sea cock before running pump, do not run pump dry.** Tank fill time should be tested at rest and under way. Pump will fill tank faster while boat is running at higher speeds. General tank fill times are between 7 minutes [warmer water] and 10 minutes [colder water]. Measure tank fill time from empty while at rest and adjust valve position for desired time. Measure tank fill time at normal cruising speed and adjust valve to desired time. Refer to tank size chart for optimal pump size. Note position for later reference. Always remember to adjust valve when at rest or under way. Flow should be circular and slightly upward so debris clears from bottom of tank. Flow should not be too fast that fish get tired.

WARNING

Do not disassemble base from pump body. Warranty will be voided upon disassembly. SHURflo is not responsible for problems due to disassembly of base from pump body. Do not pump oil, diesel fuel, gasoline or other flammable liquids with this pump. Always disconnect power before servicing pump. Always use fuse size specified in specification.

Seacock MUST be closed before removing pump for service.

Name	Voltage	Model #:	0 Ft [0 M]	3 Ft [1 M]	6 Ft [2 M]	Max Head Ft [M]	Max Amps	Fuse	Outlet Port
FLOW GPM [LPM]						TECHNICAL DATA			
1500	*12 V	358-001-00	1800 [6813]	1700 [6434]	1600 [6056]	14 [4.27]	8	10	1-1/8"
2000	*12 V	358-011-00	2200 [8327]	2000 [7570]	1900 [7191]	18 [5.5]	10	15	1-1/8"
1500	24 V	358-101-00	1800 [6813]	1700 [6434]	1600 [6056]	14 [4.27]	4	6	1-1/8"
2000	24 V	358-111-00	2200 [8327]	2000 [7570]	1900 [7191]	18 [5.5]	5	8	1-1/8"

*Specifications given at design voltage of 13.6V DC per ABYC recommendations.

TIPS:

Vibration induced by sea conditions or transportation may cause plumbing or pump hardware to loosen. Check for system components that may be loose. Many symptoms can be solved by simply tightening.

Troubleshooting

PUMP WILL NOT START OR NO WATER

- Check electrical connections; fuse, switch and ground connection.
- Check if voltage is present at the pump.
- Check for improper fuse rating or wire size.
- Sea-Cock / thru-hull or valve closed?
- Pump mounted above water level.
- Sea-Cock valve not fully open.
- Check if tank flow adjust valve is closed.
- Check if inlet is clogged.

LIMITED WARRANTY

SHURflo warrants its SHURflo™ Bait Pumps series to be free of defects in material and workmanship under normal use for a period of two (2) years from the date of manufacture, as indicated on the pump label. SHURflo is not responsible for problems due to improper installation or maintenance. Returns are to be shipped prepaid to SHURflo. For complete Limited Warranty details contact SHURflo.



ES

Favor de referirse a www.shurflo.com para instrucciones de la instalación del producto y su operación, disponible en varios idiomas.

DE

Mehrsprachige Hinweise zu Installation und Betrieb des Produktes finden Sie unter www.shurflo.com

IT

Fare riferimento al sito www.shurflo.com per manuali multilingue di installazione ed utilizzo prodotti.

FR

Veillez vous référer au site www.shurflo.com pour l'installation produit multilingue ainsi que pour le mode d'emploi.

UK

Please refer to www.shurflo.com for multi-lingual product installation and operating instructions'

SHURflo reserves the right to update specifications, prices, or make substitutions.



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