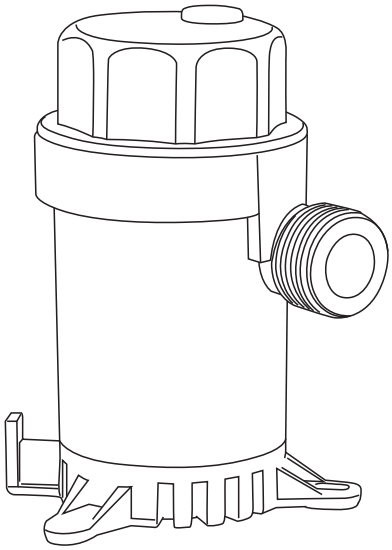
OSCULATI

ELEPHANT BILGE PUMP

Code	Model	V	Flow l/min	Current draw A	Hose adaptor
16.125.01	500	12	32	1.8	19 mm 90°straight
16.125.02	750	12	50	2.7	19 mm 90°straight
16.125.04	1100	12	75	4	28 mm straight
16.125.06	1100	24	75	2.5	28 mm straight



Cartridge Submersible bilge pump, compact and easy to install. Tough thermoplastic ABS housing with detachable universal base plate with strainer and pin (for "T-slot") to attach a level switch for automatic operation (not included). Replaceable cartridge motor.
Easy maintenance and low power consumption. "Low Profile " configuration available

- Liquid cooled for extended motor life.
- AISI 316 steel shaft
- Complies with ISO 8849, EN 55014 Marine
- High-impact durable plastic housing
- Easily interchangeable SCREEN with JP

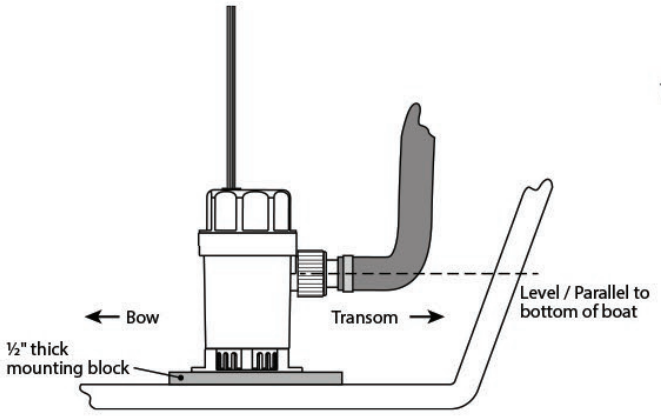
Installation

Please follow the installation instructions carefully to ensure maximum efficiency in your bilge pump operation.
1. Position the pump in the lowest part of the bilge on a flat, level surface so that the pump nozzle is oriented in the proper position to connect to the discharge hose.
2. Make sure the hull thickness is at least ½" thick. If not, place a block of ½" marine plywood (slightly larger than pump base) under the pump. Glue the plywood to the hull with a waterproof adhesive (epoxy, silicone adhesive, or fiberglass resin). See Figure 1. Mount the pump. If attaching the pump to wood, fasten with stainless steel screws. If attaching the strainer to metal or fiberglass, first mount a wooden block and then fasten the strainer to the wooden block.
3. Select a point where the bilge water is to be pumped overboard as high as possible above the water line and at the shortest distance from the pump. Install a 3/4"(19 mm) OR 1¹/8"(28 mm)(1150 GPH) thru-hull fitting.
4. Fasten a 3/4"(19 mm) OR 1¹/8"(28 mm) fuel resistant hose from the pump outlet to the thru-hull fitting. Avoid sharp bends or loops. Support the hose if necessary.
Note: in order to prevent air locks it is important that the hose is not allowed to dip below the pump outlet. The hose should be constantly rising.

Wiring

1. Connect the brown wire to the positive (+) terminal of the battery, and the black wire to the negative (–) terminal of the battery.
2. Install the proper size fuse; 500 : 3 A, 750, 1150 GPH : 5 A fuse.
3. For longer pump life, do not run dry
4. Wiring diagrams for 2-Way Switch and 3-Way Bilge Pump Panel in figures 2, 3 and 4.
Important: all electrical wiring must be clamped with the connections well above the bilge water level.
Do not remove the insulation more than necessary. All wiring connections should be sealed with a marine sealant to avoid oxidation.
Replacement of Motor Cartridge it is simplicity itself to replace a motor and / or upgrade to a higher capacity motor.
1. Make sure to close ball valve before removing the motor cartridge!
2. Disconnect all wiring
3. The cartridge motor is held in place with a bayonnet fastening. Grasp the pump body with one hand, rotate the cover clockwise with the other hand while pressing down slightly. Lift out the cartridge.
4. To reinstall make sure the O-ring is properly seated. Lightly coat the O-ring with vegetable oil or mineral oil.
5. Insert the cartridge into the pump body, engaging the tabs on the bottom of the cover with the slots in the pump body.
6. While pressing downward rotate the the cartridge counterclockwise.
7. Reconnect the wiring and open the ball valve / sea cock before use.

1



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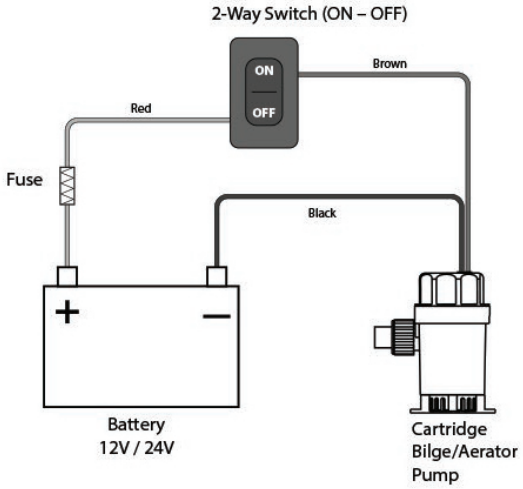

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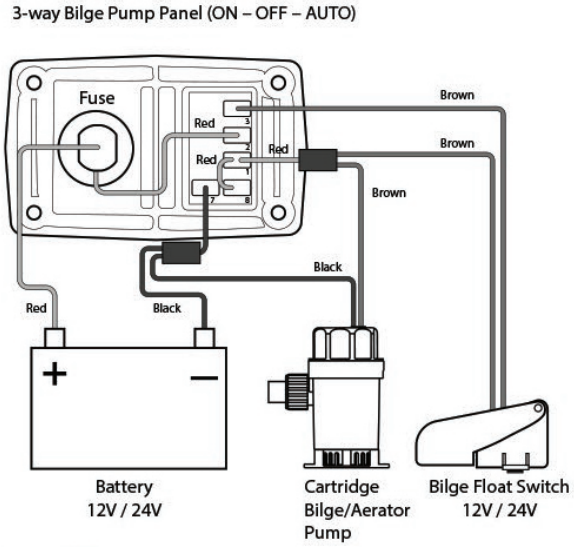

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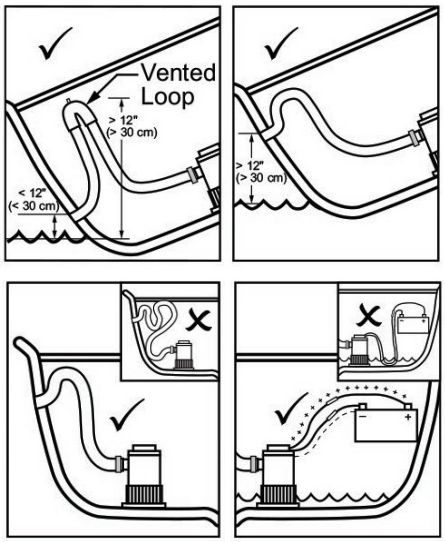

Warning

Caution! Keep all wired connections above the highest water level. Wires must be joined with butt connectors and a marine grade sealant to prevent wire corrosion.

Caution! Always install proper fuse size to prevent damage to product should a short occur. Failure to install proper fuse could increase risk of pump malfunction, potentially resulting in personal injury and/or fire hazard.

Warning! This pump is designed for use with freshwater and saltwater only. **DO NOT** use pump to remove gasoline, oil or other flammable liquids. Use with any other hazardous, caustic or corrosive material could result in damage to the pump and the surrounding environment, possible exposure to hazardous substances and injury.

Caution! Do not allow to run dry