

### T10011 AUTO 600 GPH Bilge Pump – ¾" Outlet

### T10012 AUTO 800/1100 GPH Bilge Pump – ¾" & 1 ½" Outlets

#### FEATURES

- Integrated Internal Float Switch
- Submersible
- Ignition Protected
- No Burn-Out When Run Dry
- High Efficiency Motor
- Maintenance Free
- CE AND ISO 8849 Compliant

#### MOUNTING

1. Remove strainer base from pump body by depressing the tabs on each side of pump and slide base off.
2. Install strainer base with stainless steel screws.
3. Insert pump in strainer base making sure tabs lock in place.

#### PLUMBING

1. Rotate the outlet fitting so it is pointing upward. Tighten outlet connector nut, hand tight.
2. You **MUST** route the hose continuously rising from the pump to the Thru-Hull fitting. The hose should run as short as possible.
3. Attach all hoses with stainless steel hose clamps.

#### ELECTRICAL

1. Use 16 Gauge marine-grade tinned wire.
2. Connect Brown wires as noted below.
3. Black (-) wire is negative and connects to the negative terminal of the battery.
4. Install a 5 amp fuse in the brown wire as near as possible to the battery.

TRAC Automatic Bilge Pumps can be wired one of (3) three ways depending on your preference. We recommend a 3-position (AUTO/OFF/MANUAL) panel switch, but you may also install with a 2-position (ON/OFF) switch or no panel switch.

#### 3-Position Panel Switch (AUTO/OFF/MANUAL)

The three position panel switch has "ON", "OFF" and "AUTO" positions. The ON position is a momentary ON, which means the switch has to be held in the ON position to test the pump or make it run for a few seconds. As the switch is released, it springs back to the OFF position. The AUTO position is where the pump normally operates. In this position, the pump's internal float switch makes the pump turn ON and OFF as the water rises and falls.

#### WIRE CONNECTIONS:

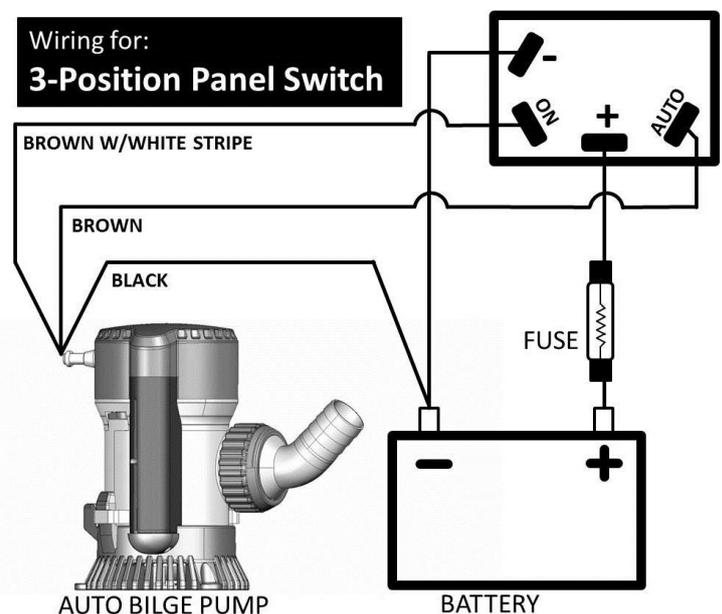
1. Black wire to battery negative terminal.
2. Brown wire with White Stripe to the switch ON terminal
3. Brown wire to the switch's AUTO terminal.

#### 2-Position Panel Switch (ON/OFF)

The 2-Position panel switch has ON and OFF positions. When using a 2-position switch with the wiring specified below, the pump is in AUTO mode when the switch is ON. When ON, the pump has power, so if approximately 2" water enters the bilge, the pump will turn on automatically. When the switch is OFF, power is interrupted to the pump and it will not turn on when water is present.

#### WIRE CONNECTIONS:

1. Black wire to battery negative terminal.
2. Brown wire with White Stripe is not used and should be routed with the other brown wire above high water level.
3. Brown wire to the switch's ON terminal.

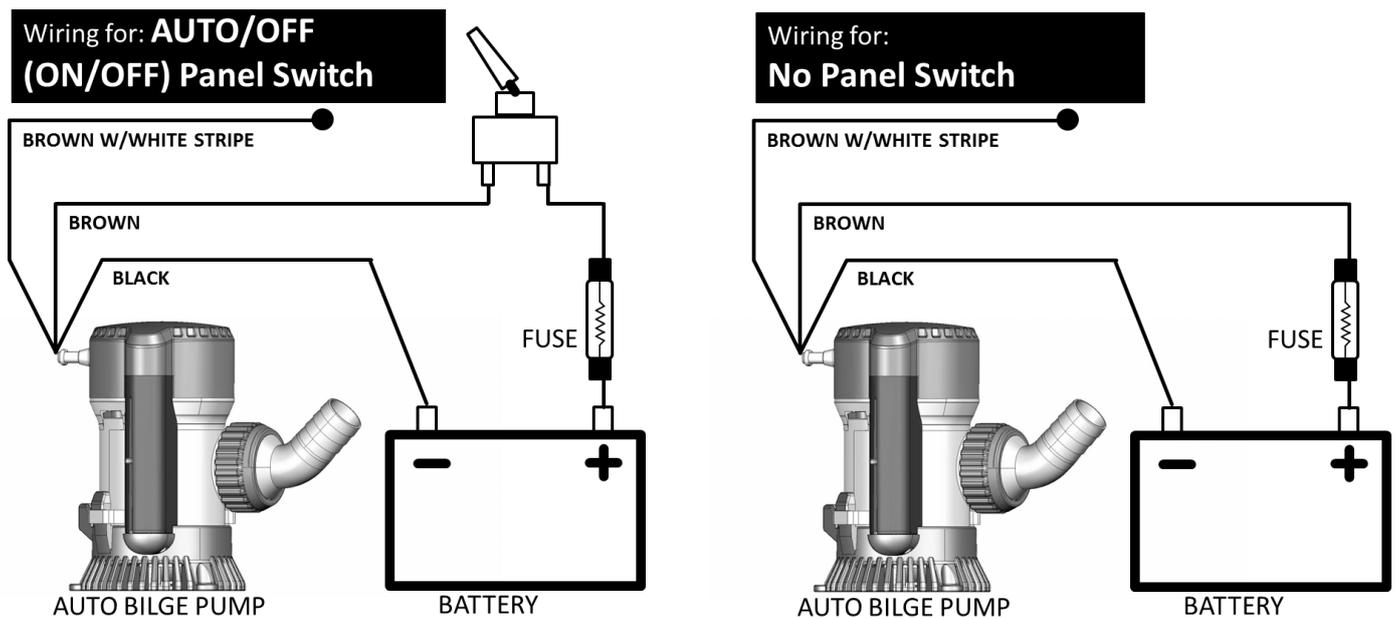


### No Panel Switch

The pump can be used with no panel switch. When using no switch and wired as specified below, the pump is in AUTO mode when wired to a power source. So if approximately 2" water enters the bilge, the pump will turn on automatically and off when the pump begins to suck air.

### WIRE CONNECTIONS:

1. Black wire to battery negative terminal.
2. Brown wire with White Stripe is not used and should be routed with the other brown wire above high water level.
3. Brown wire to the battery's positive terminal.



**CAUTION:** Keep all wire connections above highest possible water level. Seal all wire connections and ends with liquid electrical tape or heat shrink splices to prevent corrosion. This pump is designed for use with fresh and salt water only. Use with any other medium, including particularly hazardous, caustic or corrosive substances, could result in damage to the pump, the surrounding environment and injury to persons or property, including possible exposure to hazardous substances. **This pump is for water application only. This pump is intended for removal of spray, rain water and normal accumulation of water due to seepage and spillage on a seaworthy watercraft.**

### TRAC Limited Warranty

This limited warranty is provided by TRAC Outdoor Products Co (TRAC) to the original consumer purchaser (purchaser) of this TRAC product. This limited warranty is not transferable to any other party. TRAC will at its option repair or replace any part(s) of the TRAC product which may be found by TRAC to be defective within three (3) years of purchase. TRAC will pay the shipping charge to the purchaser for any part(s) which may be shipped by TRAC. For warranty repair or replacement, the purchaser must provide dated proof of purchase and notify TRAC of the request for warranty service. The purchaser will notify TRAC by email at [info@TRAC-Outdoor.com](mailto:info@TRAC-Outdoor.com) or by phone at 615-462-6224 for warranty service. TRAC will attempt to provide parts needed. If the product is to be returned, purchaser will be provided a Return Goods Authorization (RGA) number to include with any return for warranty service which will be shipped at the purchaser's expense to TRAC Warranty Dept., 251A Mayfield Drive, Smyrna, TN 37167. The purchaser must use reasonable care in maintenance and operation of the product in accordance with this manual. Failure to follow the instructions in the manual will void the warranty. This warranty covers defects in material or workmanship of the TRAC product. This warranty does not cover failure that results from misuse, improper installation, accident, abuse, neglect, modification, or improper maintenance. This pump is intended for removal of spray, rain water, and normal accumulation of water due to seepage and spillage on a seaworthy watercraft. There is no other express warranty. Implied warranties, including those of merchantability and fitness for a particular purpose, are limited to three (3) years from the date of purchase. Costs of installation or repair by service centers or marine repair facilities are not covered by this warranty. This is the exclusive remedy and any liability for any and all incidental or consequential damages or expenses whatsoever is excluded. Some states do not allow limitations on how long an implied warranty lasts, or do not allow exclusion or limitation of incidental or consequential damages, the above limitations may not apply to you. This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state.