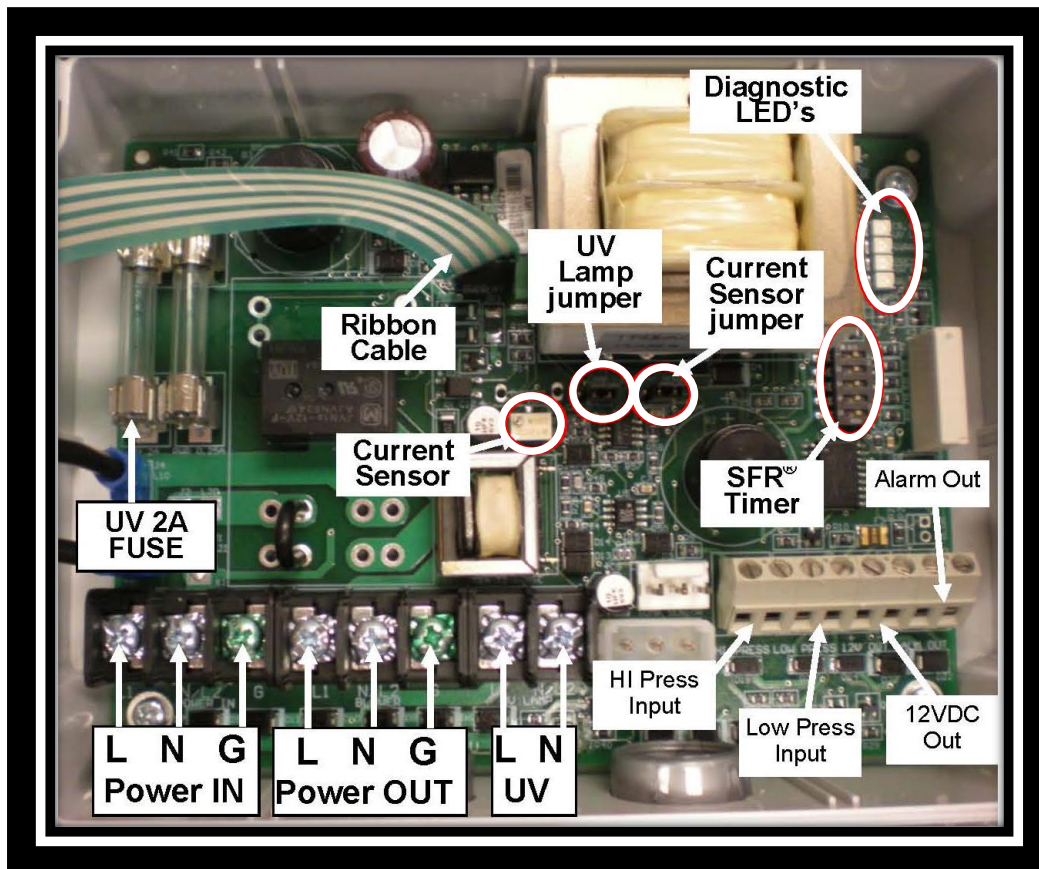
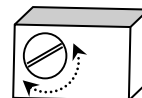


FAST-CONTROL PANEL

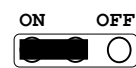


➤ **Blower Current Sensor:** Current sensor technology is now built into the board for detecting high and low blower amp draw. The low-end current sensor is preset at 0.5 A and non-adjustable. The high end current sensor can be adjusted according to the specific blower that is being used, and can go up to 15 A. The default sensor setting is ~ 3 A, turning the screw on the sensor **clockwise** will increase the current required to activate the alarm. This requires a very small slotted screwdriver.

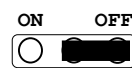


- **Blower current sensor jumper:** The current sensor jumper allows you to activate (use) or de-activate (not use) the Blower Current Sensor. You may find a pair of needle nose pliers useful when moving the jumper.

- To activate the current sensor, connect the jumper to the 2 left pins
- To de-activate the current sensor, connect the jumper to the 2 right pins

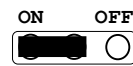


Activated

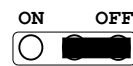


De-activated

- **High Pressure & Low pressure Inputs:** The High Pressure input is a normally open (N.O.) terminal designed for use with the high water alarm/pressure switch that is currently used to meet NSF certification requirements (international installations does not require this feature). The Low Pressure input is a normally open (N.O.) terminal that may have future use.
- **UV Lamp & Sensor:** This feature is designed to power a small ultraviolet light disinfection system (up to 2 A) with 110VAC. It also has a non-adjustable low current sensor built in that will activate the alarm when $\leq .005$ A is drawn by the UV light. Most UV systems will activate this alarm when the bulb totally stops, but the ballast still works. **ALL** panels will have this feature standard.
 - **UV Lamp jumper** The UV Lamp jumper allows you to activate (use) or de-activate (not use) the UV Lamp & Sensor . You may find a pair of needle nose pliers useful when moving the jumper.
 - To activate the UV alarm sensor, connect the jumper to the 2 left pins.
 - To de-activate the UV alarm sensor, connect the jumper to the 2 right pins.



Activated



De-activated

◆NOTE: UV lamp jumper **DOES NOT** disconnect the power from the UV lugs (to disconnect UV power, please take the UV-2A glass fuse out)

- **12VDC out** This feature provides output power of 12VDC and up to 250 mA. This will be used to power the TRACK® auto dialer system.
- **Alarm Out:** This is a communication feature that allows the FAST panel to tell another device that the FAST system is in alarm. Typically this would be used with the TRACK auto dialer system. This is a normally open (N.O.) dry contact that can tolerate up to 220VAC or 30VDC.
- **Diagnostics LED's :** These are red lights that will assist in determining the source of an alarm.
 - **(CB, SUM, UV, LAMP)** LED will turn on if the blower switch on front face is OFF or if nothing is connected to the UV power out when UV lamp jumper is in the activated position.
 - **(CURRENT)** LED will turn on if the blower draws too many amps, or too few amps.
 - **(PRESS SW)** LED will turn on if the panel gets a signal from either HI Press input or Low Press inputs.
 - **(OL)** This is for future use on large FAST panels.

If you have any questions please feel free to contact Bio-Microbics, Inc. at 1-800-753-3278 or by email at onsite@biomicrobics.com