

## **BioMicrobics FAST® Control Panel Alarm Test**

### **Control Panel Alarm Circuit**

Depress the white breaker switch (rocker type switch) labeled “Blower Circuit Breaker” on the front of the panel to the “OFF” position. The red alarm light should flash and buzzer should sound after an 8 second delay period.

While the buzzer is activated, depress “Reset” switch on front of panel. The buzzer should immediately silence and remain silenced for duration of alarm event, but alarm light should continue flashing.

Depress the white breaker switch to the “ON” position. After an 8 second delay period the alarm light should stay off and the buzzer should silence.

If the alarm behaves as described above, then the panel is set to properly detect blower current draw.

### **Alarm Pressure Switch (low voltage)**

Assure the “normally open” pressure switch is wired properly at panel and the switch:

Create enough air pressure in switch to close its contact.

(Turn the blower on and restrict the air line outlet beyond the switch for at least the 8 second panel delay period.)

Once the alarm sounds, the pressure can be released from the switch and the panel’s alarm should deactivate following the 8 second delay.

If the pressure switch causes alarm activation all the time or periodically while the FAST® system is properly working, then the switch may be adjusted. Check for normal turbulence in the FAST® tank before adjusting switch.

Adjust the pressure switch just enough that normal operating pressure does not close the switch and activate the alarm. The pressure adjustment allen-screw is opposite the switch’s electrical prongs. Rotate the screw clockwise to require more pressure for alarm activation, and counter-clockwise to require less pressure.