



IMPORTANT



LAKE LIFTER

DC POWERED BOAT LIFT MOTORS



NEVER operate the blower motor continuously for more than 5 minutes.

Air filled boat lifts typically take less than 5 minutes to fully lift. If your lift takes longer, please check hoses and valves for potential blockage. Reference your boat lift troubleshooting manual for other potential causes and problems.



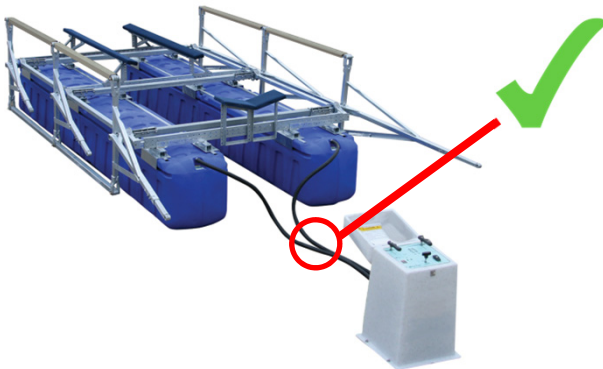
ALWAYS let the motor & controller cool between uses.

Prolonged ON times and reduced cooling times will reduce system life. If the controller shuts down, let the motor and controller fully cool for 30 minutes before use. Repeating use without allowing cool-down may cause the controller and or motor to be permanently damaged.



ALWAYS disconnect power at the fuse breaker when not using the boat lift.

Disconnect power to the system when not in use or if you do not plan to operate the system for a prolonged period of time. Place fuse breaker in a lockable box to prevent boat lift operation when away.



ONLY operate the blower motor when connected to the boat lift hoses & tanks.

DO NOT operate the motor outside of the boat lift system. ONLY operate the motor when its installed in the boat lift control box and ensure the control box & hoses are connected to the air tanks on the boat lift. Operating the blower motor outside of the boat lift system may cause the controller to overheat and shut down. Repeating this may cause the controller and motor to be permanently damaged.

SYSTEM OVERVIEW (2 motors)

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2 Motor Boat Lift Control Box

Fiberglass Battery Box



2 Blower Motors



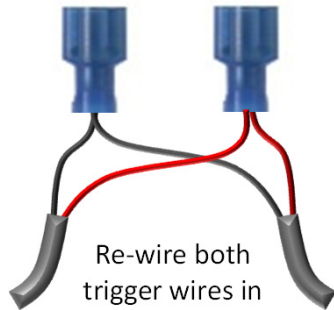
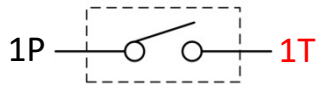
2 Control Sets



Two 12v Batteries

CONNECTION DIAGRAM (2 Motors)

SPST SWITCH



Trigger wires from each controller are wired in parallel to activate both motors at the same time from the same switch. Trigger wires are connected in parallel at the switch terminals on a SPST switch or Internally on a DPST switch

DPST SWITCH

