Owner and Operating Manual for

Manual Boat Lift Control

Please read this manual thoroughly before operating
your boat lift system.

Ver 5.0

Handle Operated Lift Controls Overview

This section of the document covers how to manually use a **handle operated** 120vac or 24vdc solar battery lift control unit. Your handle operated lift control system is designed to be used in conjunction with a 2-way On-Off rocker switch.

Handle Operation

- To **RAISE** boat lift:
  From the *HOLD* position, move handle to **RAISE** position. Turn **ON** blower motor.
  After lift is in raised position, move handle back to **HOLD** position. Turn **OFF** blower motor.

- To **LOWER** boat lift:
  From the *HOLD* position, move handles to each respective **LOWER** positions.
  After boat is floating free, move both handles back to **HOLD** position.

Do's

- Always raise the lift if it is not used for an extended period of time (more than a day), or in rough waters. By keeping it in the raised position, this will preserve the life of the lift during the winter (stationary ice, etc.), storms, and electrolysis.
- Always secure the boat to the boat dock in case the lift is accidentally lowered in your absence.
- Always keep valves closed (both handles in HOLD position) when lift is not in use.

Don'ts

- Never allow motor to run more than 5 seconds before opening valves. **FAILURE TO KEEP VALVES OPEN WHEN BLOWER IS ON WILL RESULT IN OVERHEATING AND DAMAGE TO BLOWER. THIS WILL VOID YOUR WARRANTY.**

Tips and Maintenance

With the proper care, system will offer you years of trouble free service. The following recommendations will help ensure the longevity of your system:

- It is not necessary to unplug the system when left unattended for short periods of time. However, during the winter or when you will be away for an extended period of time, it is a good idea to unplug your system. This will help prevent damage from lightning or other unforeseen conditions.

- All AC lift control units are equipped with a built-in safety GFCI to help protect from voltage fluctuations that are common on many boat docks, especially community docks. Occasionally the system might receive a large enough voltage fluctuation to trip the safety GFCI. If this happens, the GFCI will need to be reset. If this does not solve the issue, the GFCI may need to be replaced.

- It is advised that your boat lift should always be in the raised position even if the lift is not in use or there is no boat on the lift. This preserves the durability of your boat lift and prevents from electrolysis or salt corrosion, which can slowly corrode your boat lift.

- Never operate your boat lift when it is not in view.

- When raising the lift without a boat on it, allow the tanks to just break the surface before shutting off the lift. This will remove stress both from your dock and the lift, and minimize the time it takes your lift to drop when you return.

MAINTENANCE.

To help ensure the longevity of your boat lift control unit, it is advised that periodic maintenance is performed 2x annually. Like your car or boat, most materials are highly resistant but not completely corrosion-proof in extreme marine environmental conditions, more specifically in geographical areas that have constant salt air and salt water exposure.

To help combat corrosion, it is recommended that the following areas of your lift control unit be wiped down with a clean damp cloth (use CLEAN WATER), and a long-term corrosion inhibitor and anti-corrosion spray be applied:

Valve nut where the handle attaches to the ball valve

- Internal and external components of the ball valve
- Welds around the handle and rod
- Any additional areas that may show any sign of corrosion
- Recommended anti-corrosion spray: Clear Everbrite (www.everbrite.com)

Troubleshooting

Sometimes, unplanned or unforeseen events can cause boat lift to fail. Read through the list of possible problems before calling your lift dealer for service. Most situations can be resolved by following the steps below.

a. *Make sure there is power at the dock.*
b. *If equipped with a GFCI, make sure it is working properly.*

The following is applicable to only AC-powered units (does not apply to DC Solar units)

- Checking for GFCI failure.

  *GFCIs are susceptible and purposely **designed** to fail a specific number of times in protecting the end-user and blower/pump equipment before experiencing total failure. This does not necessarily mean that the boat lift control unit is defective. Environmental factors such as power surges, moisture, etc. can cause GFCI failure.*

  Check and ensure your dock still has power and reset the GFCI by pushing on the RESET button on the top plate. If your system still fails to have power, the GFCI may have reached a point of "total failure" status. Most common solution is simply purchasing a replacement 20amp GFCI which can be purchased at most hardware stores.

Warranty Policy
OMC Outdoor Products warrants its products under the following conditions:

Blower Motors, Controller Units (CUs), and any Electrical component free from defects in materials and workmanship under normal use and service for a period of two (2) years from the date of purchase.