

AC 120v - Direct Drive Boat Lift Motor

LAKE LIFTER: 100 Industrial Drive, Avilla IN 46710 Ph: 260-918-2758 Email: sales@lakelifter.com

IMPORTANT INFORMATION:

 **120v AC POWER:** Unit must be connected to a GFCI source. Unplug or turn OFF unit when not in use. Lightning and electrical surges can cause unattended operation. Powering OFF / disconnecting unit helps protect from such damages.

 **CONNECTION:** The 120-Volt model must only be used with ground fault interrupter protection and installed according to all applicable electrical codes by a licensed electrician. Connect the Lake Lifter to a power source using a marine-rated, 3-prong grounded cord 150ft or less in length and inspect regularly for good condition. Improper wiring or lack of a properly installed ground fault interrupter is highly dangerous and may result in injury or death.

 **WARNING:** READ AND UNDERSTAND ALL INSTRUCTIONS AND WARNINGS PRIOR TO USE. NEVER OPERATE LIFT WITH PERSONS IN, NEAR, OR UNDER THE BOAT OR BOAT LIFT. IMPROPER USE OF PRODUCT MAY RESULT IN DEATH, PERSONAL INJURY OR PROPERTY DAMAGE. IN THE EVENT OF UNINTENTIONAL OPERATION IMMEDIATELY DISCONNECT UNIT FROM POWER SOURCE. ONLY FOR USE BY ADULTS OVER THE AGE OF 18 YEARS.

 **SAFETY:** For safe operation of the Lake Lifter Motor, complete installation before connecting to a power source. Ensure the winch box is secured and safely attached to the boat lift post. Inspect motor & winch regularly for structural integrity. DO NOT install the motor on a damaged or weakened winch box. Cease operation immediately and seek professional help for replacement or repair of any damaged components.

 **LUBRICATE:** Frequently inspect and lubricate winch box chains & bearings to prevent excessive wear from motor use.



Lake Lifter Direct Drive Motor: Limited Warranty

The Lake Lifter Direct Drive Motor is backed by a limited warranty for consumer use, valid for 2 years from the date of retail purchase. This warranty applies only in the USA and Canada. Register your product at: www.lakelite.com/registration

We warrant that the Lake Lifter Direct Drive Motor will be free from defects in material and workmanship, subject to normal wear and tear. This warranty does not cover defects caused by (I) overloading, (II) physical abuse, (III) improper installation or use contrary to instructions, (IV) commercial use, or (V) use in saltwater.

In the event of any defects, we will repair or replace the product, at our discretion. The consumer is responsible for shipping charges to return the product to us. However, we will cover the cost of shipping the repaired or replacement unit back to the consumer. Please note that all expedited freight charges associated with warranty claims are the responsibility of the consumer, as are any 3rd party labor charges incurred in removing, transporting, or installing the motor.

We expressly disclaim all other warranties, including express warranties, UCC implied warranties, and warranties of merchantability and fitness for purpose. We are not responsible for any consequential or incidental damage.

To expedite warranty service, please complete and return the Warranty Registration Card along with a copy of your original retail sales receipt at the time of purchase.

To submit a warranty claim, please send your name, mailing address, original sales receipt, and a summary of the alleged defect to sales@lakelifter.com. For questions regarding warranty service and claims, please call us at (260) 918-2758.

LAKE LIFTER is a registered DBA of LAKE LITE INC.



For questions, concerns, missing or damaged parts, DO NOT return to retailer: Please contact Lake Lifter Service Department.

Operating Instructions:

1. Ensure electrical cords are connected to GFCI power source and are not dangling in the water.
2. Turn the power switch to the ON position (lighted).
3. Insert Key into key switch and turn the motor UP to raise the boat lift and DN to lower the boat lift.

IMPORTANT: The motor should turn clockwise when lifting the boat. If the direction is opposite, then **STOP** immediately and reverse direction. The cable of the lift is wound on the drum backwards and must be corrected or serious damage may occur to winch, boat lift, or boat.



Key turn Switch

Power Switch

Optional Pendant Switch

! IMPORTANT: **NEVER** operate the Key turn switch & pendant switch buttons at the same time. Damage can occur to Electronics & Motor.

1. Connect optional pendant switch to the motor and hang the pendant switch from the boat lift canopy in a location easily accessible from within the boat or boat dock.
2. The pendant switch will **ONLY** work while the power button is ON.
3. Use the UP or DN button to operate the lift
4. Frequently inspect pendant switch & wiring for damage. Damaged or shorted wires may cause unintended operation of the motor.



Optional pendant switch



Optional pendant extension cord



Pendant connection

Backup Drill Drive

! IMPORTANT: **DO NOT** use an impact drill:
Use a standard drill in NON-IMPACT mode!

1. Use 9/16" deep well socket. Insert through hole under motor and secure onto the motor shaft.
2. Operate drill to lower or raise the boat lift.
3. **NOTE:** A powerful drill is necessary. It may be **IMPOSSIBLE** to raise the lift by drill with the boat on the lift.

