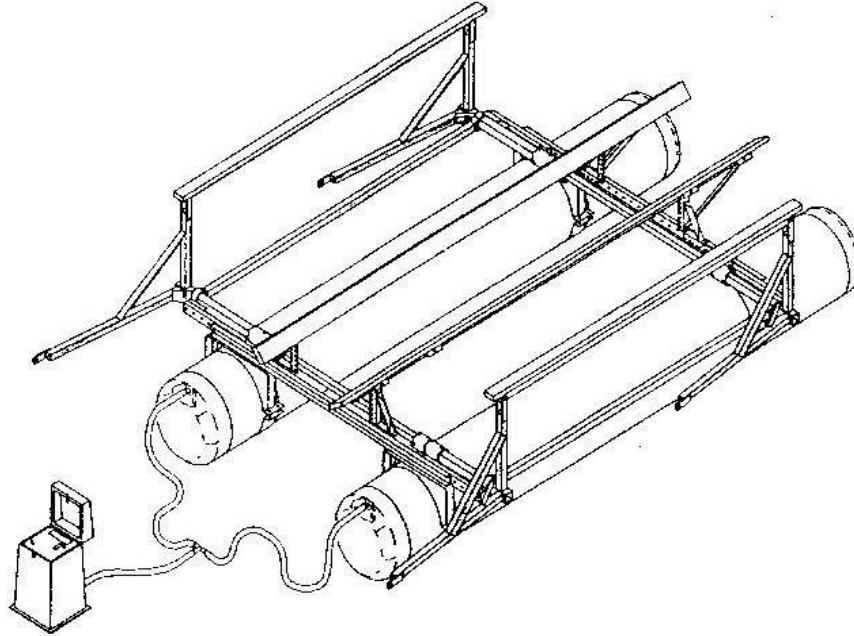


# OPERATING INSTRUCTIONS

## *HydroHoist Boat Lifts*

ALL MODELS

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*HydroHoist*  
*International, Inc.*

P.O. Box 1286  
Claremore, OK USA 74018

Phone: 800-825-3379 or 918-341-6811  
email: [sales@boatlift.com](mailto:sales@boatlift.com)

## **HydroHoist International, Inc.**

### **Product Installation and Use Warning Disclaimer**

ASSEMBLY, INSTALLATION OR REPAIRS OF A HYDROHOIST BOAT LIFT SHOULD ONLY BE PERFORMED BY AN AUTHORIZED HYDROHOIST TECHNICIAN. IF ASSEMBLY, INSTALLATION AND/OR REPAIR IS PERFORMED BY UNAUTHORIZED PERSONS, SERIOUS PERSONAL INJURY AND/OR PROPERTY DAMAGE COULD OCCUR.

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HYDROHOIST INTERNATIONAL, INC  
915 WEST BLUE STARR DRIVE  
CLAREMORE, OK USA 74017  
PHONE 918-341-6811  
OFFICE HOURS M-F 8AM TO 5PM CT

### **Safety Notice**

TO ENSURE CONSUMER SAFETY, HYDROHOIST INTERNATIONAL, INC. HAS INSTALLED IN THE CONTROL UNIT'S ELECTRICAL SYSTEM AN AC GROUND FAULT CIRCUIT INTERRUPTER (GFCI) DEVICE WHICH IS TO BE USED IN SERIES WITH THE USER'S PRIMARY AC POWER SOURCE. THE GFCI IS AN INTEGRAL PART OF THE HYDROHOIST BOAT LIFT AND IS DESIGNED TO OFFER A LIMITED MEASURE OF PROTECTION TO THE USER AGAINST HAZARDOUS ELECTRICAL CONDITIONS OR SHOCKS SHOULD THEY OCCUR.

THE USER SHOULD BE AWARE OF THE FOLLOWING WARNING:

### **WARNING!**

IF USER DISABLES THE CONTROL UNIT'S GROUND FAULT CIRCUIT INTERRUPTER (GFCI) DEVICE, HE IS IN DIRECT CONFLICT WITH THE RECOMMENDATIONS OF THE UNITED STATES GOVERNMENT CONSUMER PRODUCTS SAFETY COMMISSION. DISABLING THE GFCI COULD RESULT IN SEVERE ELECTRICAL SHOCK OR DEATH.

BEFORE CONNECTING AC POWER TO THE CONTROL UNIT, BE CERTAIN THAT THE PRIMARY AC POWER SUPPLY MEETS ALL APPLICABLE ELECTRICAL CODES.

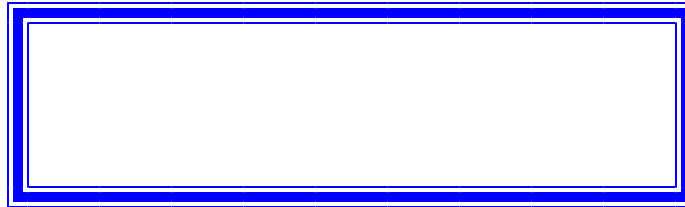
ANY INQUIRIES CONCERNING THE GROUND FAULT CIRCUIT INTERRUPTER (GFCI) DEVICE SHOULD BE REFERRED TO:

HYDROHOIST INTERNATIONAL, INC  
915 WEST BLUE STARR DRIVE  
CLAREMORE, OK USA 74017  
PHONE 918-341-6811  
OFFICE HOURS M-F 8AM TO 5PM CT

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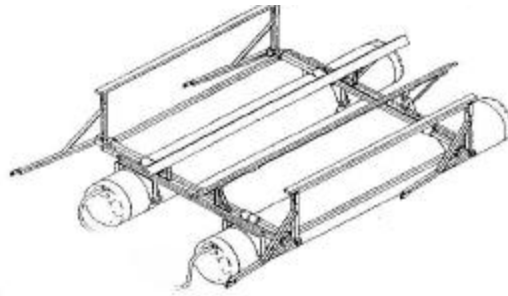
FOR SERVICE OR SALES  
YOUR LOCAL *HydroHoist*  
DEALER IS:



OR CONTACT  
CUSTOMER SERVICE  
*HydroHoist International, Inc.*  
1-800-825-3379  
1-918-341-6811

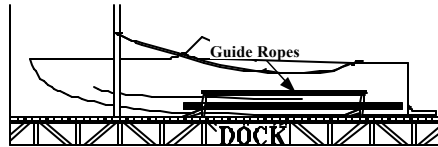
Date of Installation: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ /  
Unit Serial Number: \_\_\_\_\_

# *LevelLift* “L” Series *UltraLift* “UL” Series



## TO LIFT BOAT

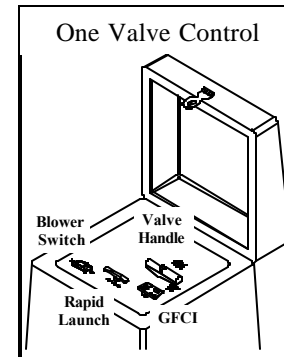
- 1 Position boat over lift and attach Guide ropes to rear cleats of boat.



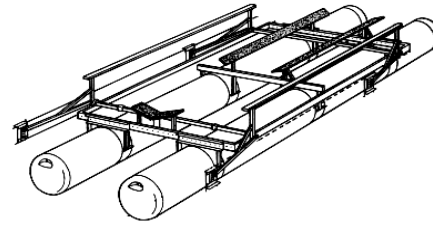
- 2 With Rapid Launch Handle in the *down position* (closed) rotate Valve Handle to LIFT/LAUNCH and turn Blower Switch ON. NOTE: If Blower does not activate, reset GFCI switch.
- 3 Gently push boat back until Guide Ropes are taut and bow is centered over lift.
- 4 Release boat when lift contacts the hull.
- 5 When large air bubbles appear from under the tanks, turn Blower Switch OFF and rotate valve handle to DRY DOCK.

## TO LAUNCH BOAT

- 1 With Rapid Launch Handle in the *up position* (open) rotate Valve Handle to LIFT/LAUNCH position.
- 2 When boat is floating freely, rotate Valve Handle to DRY DOCK and place Rapid Launch Handle to the *down position* (closed).
- 3 Remove Guide Ropes from boat.

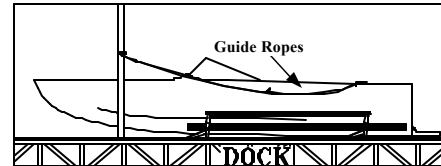


# Level Lift “LG” Series “Big L”



## TO LIFT BOAT

1 Position boat over lift and attach Guide Ropes to rear cleats of boat. Push boat back until Guide Ropes are taut and bow is centered over lift.



2a **Two Tank Models (10L & 14L2T):**

With Rapid Launch Handle in the *down position* (closed) rotate Valve Handles to LIFT/LAUNCH.

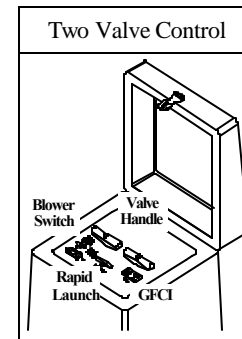
2b **Three Tank Models (12L, 14L3T, 16L):** With Rapid Launch Handle in the *down position* (closed) rotate the two Valve Handles leading to the **OUTBOARD** tanks only to LIFT/LAUNCH - leave other Valve Handles in DRY DOCK.

3 Both Models: Turn Blower Switch ON. NOTE: If blower does not activate, reset GFCI switch.

4 Both Models: Release boat when lift contacts the hull.

5 **Three Tank Models:** When large air bubbles appear from under the outboard tanks, rotate Valve Handle leading to **CENTER** tank to LIFT/LAUNCH and rotate Valve Handles leading to OUTBOARD tanks to DRY DOCK.

6 Both Models: When large air bubbles appear from under tanks, turn Blower Switch OFF and rotate Valve Handles to DRY DOCK.

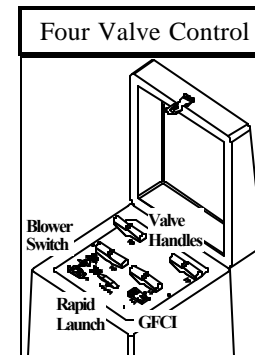


## TO LAUNCH BOAT

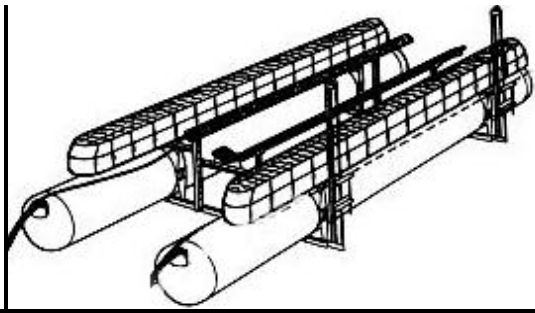
1 Raise Rapid Launch Handle to the *up position* (open).

2 **Two Tank Models (10L & 14L2T):** Rotate Valve Handles to LIFT/LAUNCH.

**Three Tank Models (12L, 14L3T, 16L):** **Exhaust the CENTER tank FIRST** Rotate to LIFT/LAUNCH Valve Handle leading to **CENTER** tank. When air can no longer be heard exhausting from CENTER tank, rotate Valve Handle leading to the OUTBOARD tanks to LIFT/LAUNCH, and rotate to DRY DOCK Valve Handle leading to CENTER tank. When the boat is floating freely, rotate all Valve Handles to DRY DOCK

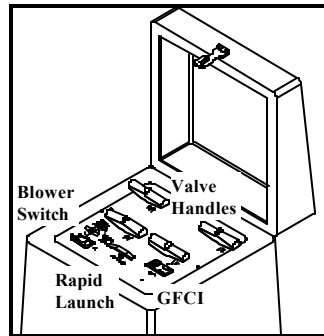


# Side Tie B “B” Series



## TO LIFT BOAT

- 1 Position boat over lift and attach Guide Ropes to rear cleats of boat. Push boat back until Guide Ropes are taut and bow is centered over lift.
- 2 With Rapid Launch Handle in the *down position* (closed), rotate the Valve Handles leading to the FRONT sections of the tanks to LIFT/LAUNCH and turn Blower Switch ON. NOTE: If Blower does not activate, reset GFCI switch.
- 3 Continue pushing back on boat, keeping Guide Ropes taut and bow centered over hoist.
- 4 Release boat when lift contacts hull and boat is no longer floating freely.
- 5 When large air bubbles appear under tanks, rotate Valve Handles leading to the REAR sections of the tanks to LIFT/LAUNCH and rotate Valve Handles leading to FRONT sections to DRY DOCK.
- 6 When large air bubbles appear under rear section of tanks, AGAIN rotate Valve Handles leading to the FRONT sections of the tanks to LIFT/LAUNCH.
- 7 When large air bubbles appear at all sections of the tanks, rotate all Valve Handles to DRY DOCK and turn Blower Switch OFF.



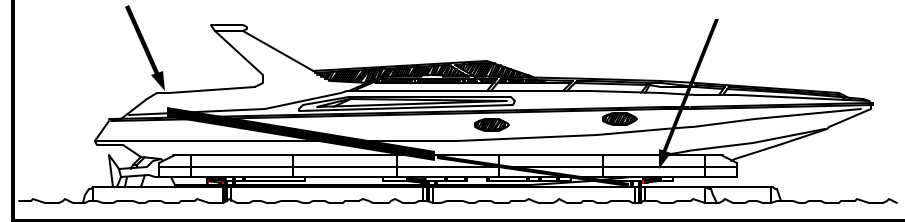
## TO LAUNCH BOAT

- 1 With Rapid Launch Handle in the *up position* (open), rotate Valve Handles leading to REAR sections of tanks to LIFT/LAUNCH.
- 2 When rear of hoist is fully down, rotate Valve Handles leading to FRONT sections of tanks to LIFT/LAUNCH.
- 3 When lift is fully down and boat is floating freely, rotate all Valve Handles to DRY DOCK and place Rapid Launch Handle to the *down position* (closed).

## Guide Ropes

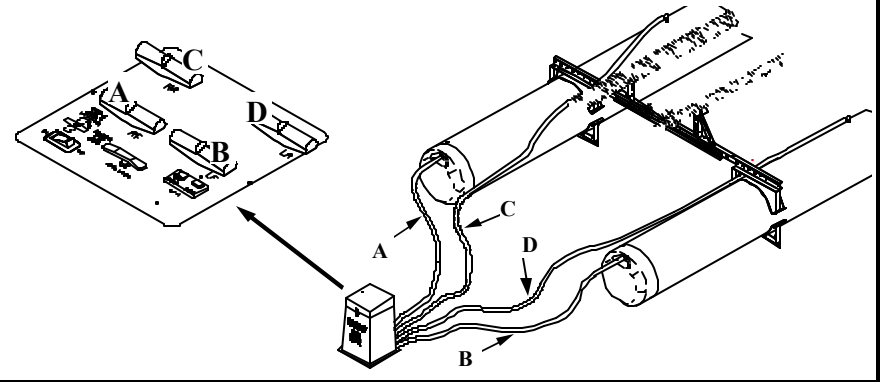
Guide Ropes attached to stern cleats

Guide Ropes attached to hoist frame at bow & inboard of Walkway



## Recommended Hose Connections

Confirm your hoist's hose connections before operating lift



## CAUTION

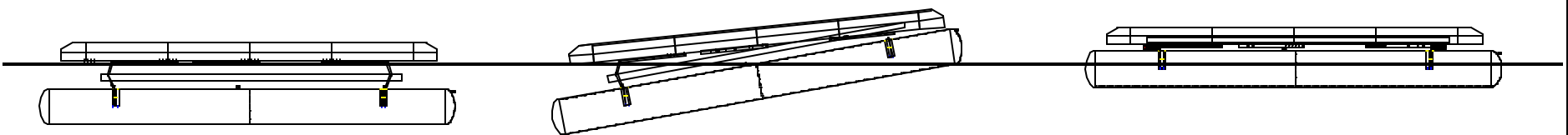
### HIGH WINDS / ROUGH WATER CONDITIONS

The HydroHoist Mooring Apparatus is not designed for severe wind or water conditions. Should the potential for severe conditions exist, it is recommended that mooring lines be secured from dock structure to bow and stern of craft to prevent damage to the HydroHoist Mooring Apparatus.

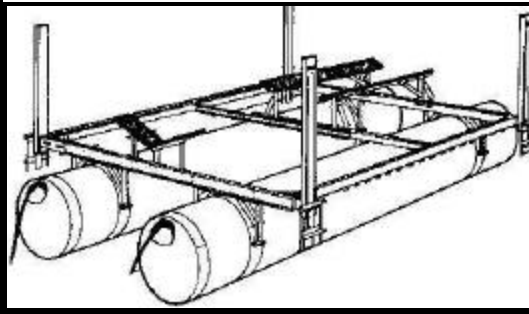
Fully Lowered Position

Bow Raised Position

Fully Raised Position

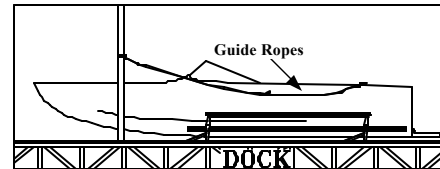


# Cruiser Lift “C” Model



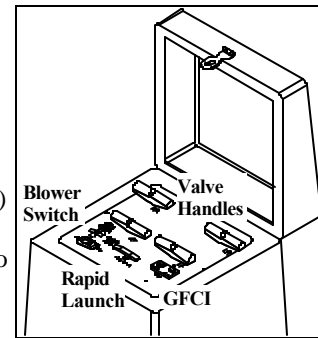
## TO LIFT BOAT

- 1 Position boat over lift and attach Guide Ropes to rear cleats of boat. Push boat back until Guide Ropes are taut and bow is centered over lift.
- 2 With Rapid Launch Handle in the *down position* (closed) rotate Valve Handles to LIFT/LAUNCH and turn Blower Switch ON. NOTE: If Blower does not activate, reset GFCI switch.
- 3 Release boat when lift contacts the hull and boat is no longer floating freely.
- 4 When large air bubbles appear from under all tanks, turn Blower Switch OFF and rotate Valve Handles to DRY DOCK.



## TO LAUNCH BOAT

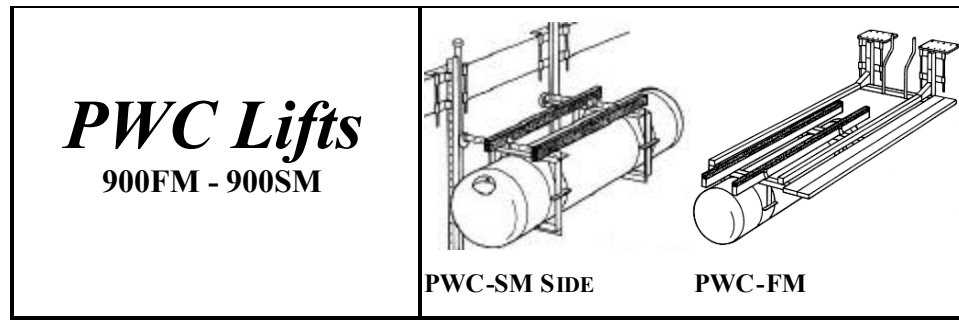
- 1 With Rapid Launch Handle in the *up position* (open) rotate Valve Handles to LIFT/LAUNCH.
- 2 When boat is floating freely, rotate Valve Handles to DRY DOCK and place Rapid Launch Handle to the *down position* (closed).



## IMPORTANT

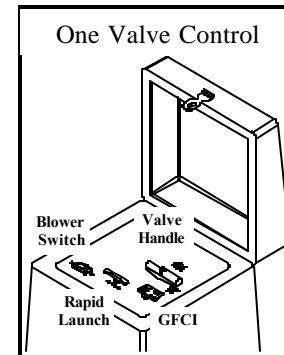
**IMPROPER LOADING (out of balance):** Tanks must be level front to rear during operation and when fully raised. If lift is lower on either end, boat is too heavy on that end and must be relocated on lift. Use Guide Ropes that are properly adjusted for correct loading and balance. Some compensation can be made for an out of balance load by decreasing air flow into the high end when lifting, and decreasing air flow out of the low end when launching. Caution: operate handles controlling the REAR of the lift simultaneously or FRONT simultaneously for this procedure

HOIST LEFT IN FULLY LOWERED POSITION. Damage to lift and dock may occur when water is rough and hoist is left down. Raise lift to “Ride Out” rough water.



## TO LIFT CRAFT

- 1 Position craft over lift
  - a **FRONT MOUNT MODEL** - Drive craft onto hoist to the point that bow makes light contact with forward bumpers.
  - b **SIDE MOUNT MODEL** - Position craft so that it is centered (fore/aft & port/starboard) over hoist.
- 2 With Rapid Launch Handle in the *down position* (closed) rotate Valve Handle to LIFT/LAUNCH and turn Blower Switch ON. NOTE: If Blower does not activate, reset the GFCI switch.
- 3 Maintain craft's position over hoist until craft is no longer floating freely.
- 4 When large air bubbles appear from under tanks, Turn Blower Switch OFF and rotate Valve Handle to DRY DOCK.
- 5 Secure craft to boat dock with mooring lines.

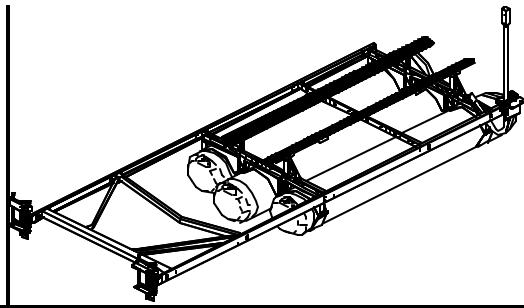


## TO LAUNCH CRAFT

- 1 Release any mooring lines attached to craft.
- 2 With Rapid Launch Handle in the *up position* (open), rotate Valve Handle to LIFT/LAUNCH.
- 3 When craft is floating freely, rotate Valve Handle to DRY DOCK and place Rapid Launch Handle to the *down position* (closed).

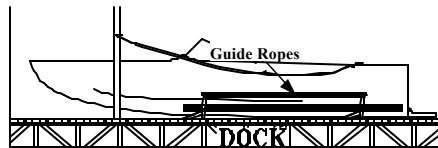


# *Front Mount “FM” Model*



## TO LIFT BOAT

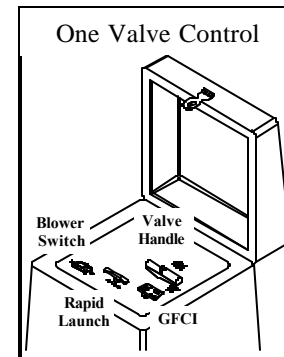
- 1 Position boat over lift and attach Guide ropes to rear cleats of boat.



- 2 With Rapid Launch Handle in the *down position* (closed) rotate Valve Handle to LIFT/LAUNCH and turn Blower Switch ON. NOTE: If Blower does not activate, reset GFCI switch.
- 3 Gently push boat back until Guide Ropes are taut and bow is centered over lift.
- 4 Release boat when lift contacts the hull.
- 5 When large air bubbles appear from under the tanks, turn Blower Switch OFF and rotate valve handle to DRY DOCK.

## TO LAUNCH BOAT

- 1 With Rapid Launch Handle in the *up position* (open) rotate Valve Handle to LIFT/LAUNCH position.
- 2 When boat is floating freely, rotate Valve Handle to DRY DOCK and place Rapid Launch Handle to the *down position* (closed).
- 3 Remove Guide Ropes from boat.



# DO'S AND DON'TS

| <b>DO</b>   | <b>DON'T</b>  |
|---|---|
| <p>Always use guide ropes. They are required for proper positioning of the boat and if they are not used (for those applications specified in this instruction manual) your warranty is void.</p> <p>Always raise the hoist if it is not used for an extended period of time (more than a day), or if the water is rough. The hoist will survive storms and rough water much better in the raised position.</p> <p>Secure the boat to the boat dock or landing in case the hoist is accidentally lowered in your absence</p> <p>Leave your boat on the hoist during winter if you desire. Stationary ice will not damage the hoist if it is up.</p> <p>Follow the instructions in this manual and your hoist will give you years of trouble-free service.</p> | <p><b>Allow anyone in the boat during the lifting or the launching operation.</b></p> <p><b>Operate the blower with the valve closed or in the Dry-Dock position, blower damage can result.</b></p> <p><b>Start the blower while launching the boat. Only open the valve by moving it to the Lift/Launch position.</b></p> <p><b>Secure any part of the boat, boat accessories, or boat cover to the lift.</b></p> <p><b>Grease the hoist. Lubrication is NOT required.</b></p> <p><b>Attempt to raise any boat other than the one for which the hoist was adjusted. Hoist or boat damage can occur. Your dealer can make adjustments to the hoist for a different boat.</b></p> <p><b>Push back excessively on the boat while the hoist is lifting. Push back just enough to tighten the Guide Ropes and only until the hoist makes contact with the boat.</b></p> |

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## *HydroHoist Boat Lifts*

### **WARRANTY**

(1) **What Is Covered By This Warranty.** HydroHoist International, Inc. (HydroHoist) warrants, to the original retail purchaser (Consumer) only, that the lift that is the subject of this sale is free from defects in material or workmanship. The duration of this warranty, measured from date of installation, is limited as follows:

- (a) Period of first ownership by the Consumer for Tanks;
- (b) Three (3) years for steel components; and
- (c) Thirty (30) months for switches, motors, electrical and other lift components.

If the Consumer discovers within this period a defect in material or workmanship, the Consumer must promptly notify HydroHoist in writing. In no event shall such notification be received by HydroHoist later than one (1) month following expiration of the relevant warranty period. Within a reasonable time after such notification, HydroHoist will correct any defect in material or workmanship with either new or used replacement parts. Such repair, including both parts and labor, is at HydroHoist's expense. All warranty service will be performed at HydroHoist's option either on site or at HydroHoist's plant in Claremore, Oklahoma, with freight charges prepaid by Consumer. These remedies are the Consumer's exclusive remedies for breach of warranty.

(2) **What Is Not Covered By This Warranty.** HydroHoist does not warrant (a) any product, components or parts not manufactured by HydroHoist; (b) Installation performed by employees or independent contractors of distributors of HydroHoist; (c) defect caused by failure to provide a suitable installation environment for the lift; (d) damage caused by the use of the lift for purposes other than those for which it was designed; (e) damage caused by disaster such as fire, flood, wind and lightning; (f) damage caused by unauthorized attachments or modification; (g) damage during shipment; or (h) damage caused by any other abuse or misuse by the Consumer.

(3) **Warranty Of Title, Patents, And Copyrights.** In addition to the warranties set forth in the previous paragraphs, HydroHoist warrants that it has good title, to the lift free of any encumbrance, and that the lift shall be delivered free from the rightful claim of any third person for infringement of patent or copyright. If a claim arises, the Consumer will allow HydroHoist, at HydroHoist's option and expense, to procure the right for the Consumer to continue using the lift to replace or modify it so that it becomes non-infringing, or to grant the Consumer a refund of the purchase price in exchange for return of the infringing lift.

(4) **Disclaimer Of Warranty.** **THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

(5) **Limitation Of Remedies.** In no case shall HydroHoist be liable for any special, incidental, or consequential damages based on breach of warranty, breach of contract, negligence, strict tort, or any other legal theory. Such damages include, but are not limited to, loss of profits, loss of savings or revenue, loss of use of lift or any associated equipment, cost of capital, cost of any substitute equipment, facilities or services, downtime, the claims of third parties including customers, and injury to property. This limitation does not apply to damages caused by breach of the warranty of title against infringement under paragraph (3). Some states do not allow limits on warranties, or on remedies for breach in certain transactions. In such states, the limits in this paragraph and in paragraph (4) may not apply.

(6) **Time Limit To Bring Suit.** Any action for breach of warranty must be commenced within (3) months following expiration of the relevant warranty period.

(7) **No Other Warranties.** Unless modified in writing signed by both parties, this agreement is understood to be the complete and exclusive agreement between the parties, superseding all prior agreements, oral or written, and all other communications between the parties relating to the subject matter of this agreement. Only HydroHoist's President and Vice President of Marketing, and no other employee or agent of HydroHoist (including franchisees, jobbers, distributors, or any other party) are authorized to make any warranty binding on HydroHoist in addition to those made in this agreement.

(8) **Allocation Of Risks.** This agreement allocates the risk of products failure between HydroHoist and the Consumer. This allocation is recognized by both parties and is reflected in the price of the goods.

**THE CONSUMER ACKNOWLEDGES THAT THE CONSUMER HAS READ THIS AGREEMENT, UNDERSTANDS IT AND IS BOUND BY ITS TERMS.**