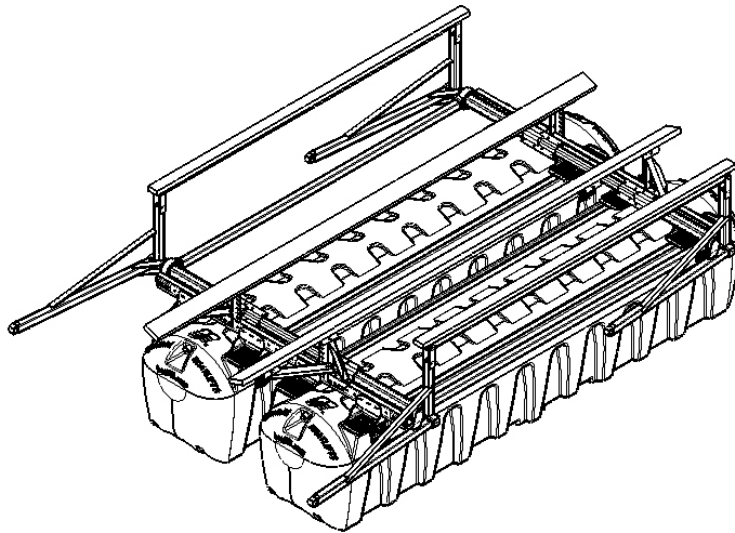


OPERATING INSTRUCTIONS

HydroHoist Boat Lifts

ALL MODELS



HydroHoist
International, Inc.

P.O. Box 1286

Claremore, OK USA 74018

Phone: 800-825-3379 or 918-341-6811

email: 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.

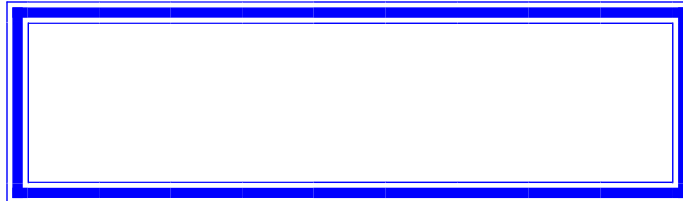
ANY INQUIRIES CONCERNING THE GROUND FAULT CIRCUIT INTERRUPTER (GFCI) DEVICE SHOULD BE REFERRED TO:

HYDROHOIST INTERNATIONAL, INC
915 WEST BLUE STARR DRIVE
CLAREMORE, OK USA 74017
PHONE 918-341-6811
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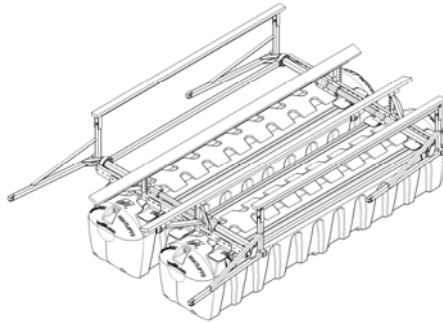
FOR SERVICE OR SALES
YOUR LOCAL *HydroHoist*
DEALER IS:



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

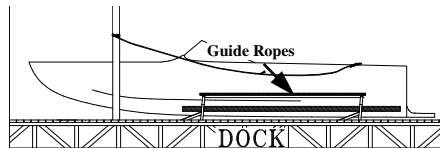
Date of Installation: _____/_____/_____
Unit Serial Number: _____

LevelLift
“L” Series
UltraLift
“UL” Series
“UL2” Series



TO LIFT BOAT

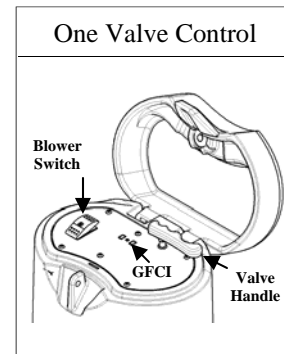
- 1 Position boat over lift and attach Guide ropes to rear cleats of boat.



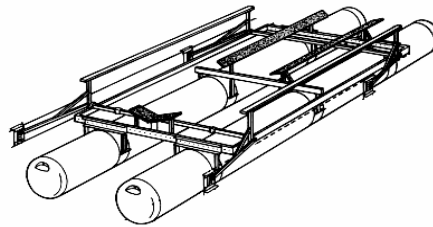
- 2 Rotate Valve Handle to LIFT/LAUNCH and turn Blower Switch ON. NOTE: If Blower does not activate, reset GFCI switch.
- 3 Gently push boat back until Guide Ropes are taut and bow is centered over lift.
- 4 Release boat when lift contacts the hull.
- 5 When large air bubbles appear from under the tanks,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

TO LAUNCH BOAT

- 1 Rotate Valve Handle to LIFT/LAUNCH position.
LEAVE BLOWER SWITCH OFF.
- 2 When boat is floating freely, rotate Valve Handle to DRY DOCK.
- 3 Remove Guide Ropes from boat.

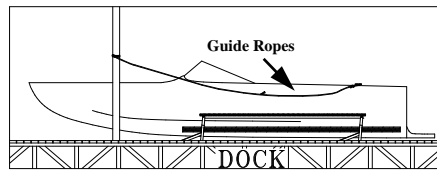


Level Lift “LG” Series “Big L”



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.

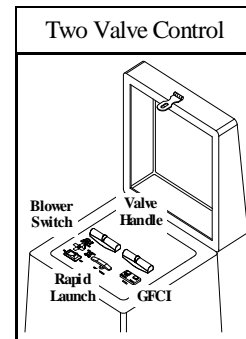
2b **Three Tank Models (12L, 14L3T, 16L):** With Rapid Launch Handle in the *down position* (closed) rotate the two Valve Handles leading to the **OUTBOARD** tanks only to LIFT/LAUNCH - leave other Valve Handles in DRY DOCK.

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.

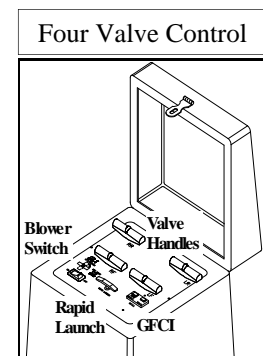


TO LAUNCH BOAT

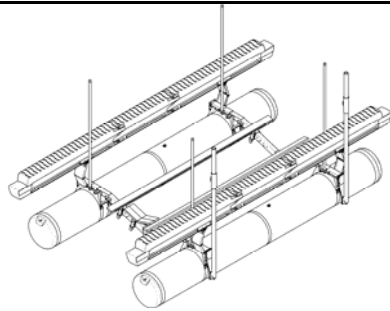
1 Raise Rapid Launch Handle to the *up position* (open).

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

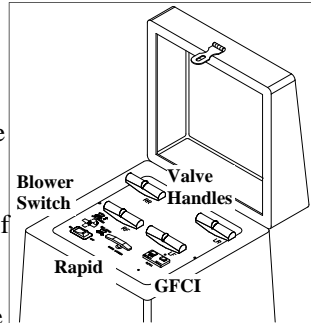


Side Tie B “B” Series



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.



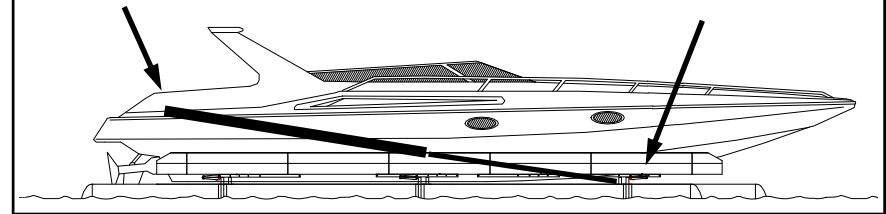
TO LAUNCH BOAT

- 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

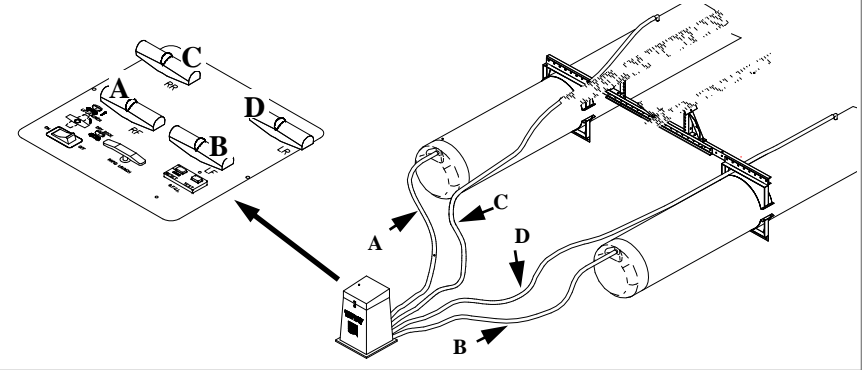
Guide Ropes attached to stern cleats

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



Recommended Hose Connections

Confirm your hoist's hose connections before operating lift



CAUTION

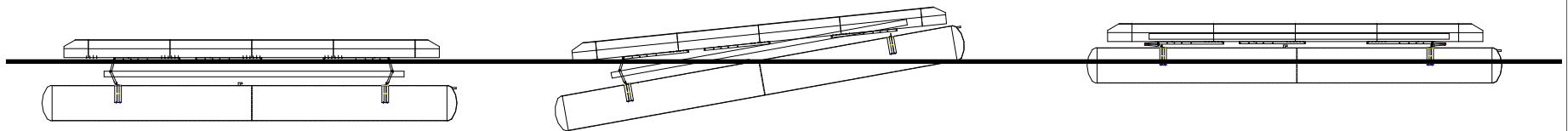
HIGH WINDS / ROUGH WATER CONDITIONS

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.

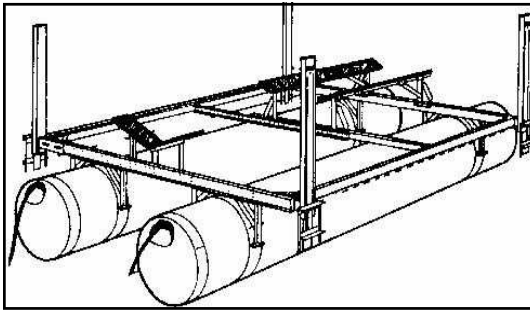
Fully Lowered Position

Bow Raised Position

Fully Raised Position

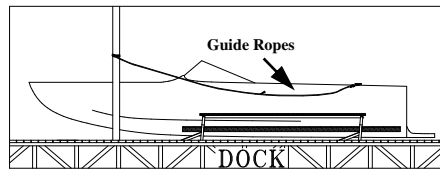


Cruiser Lift “C” Model



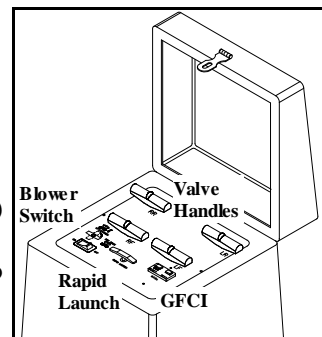
TO LIFT BOAT

- 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

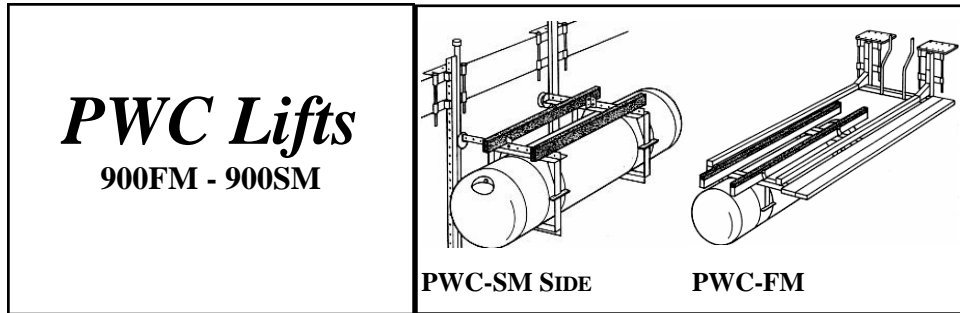
- 1 With Rapid Launch Handle in the *up position* (open) rotate Valve Handles to LIFT/LAUNCH.
- 2 When boat is floating freely, rotate Valve Handles to DRY DOCK and place Rapid Launch Handle to the *down position* (closed).



IMPORTANT

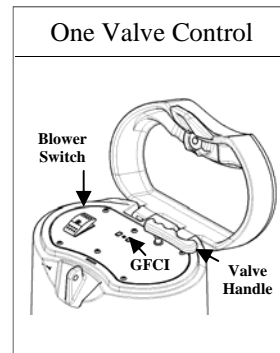
IMPROPER LOADING (out of balance): Tanks must be level front to rear during operation and when fully raised. If lift is lower on either end, boat is too heavy on that end and must be relocated on lift. Use Guide Ropes that are properly adjusted for correct loading and balance. Some compensation can be 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

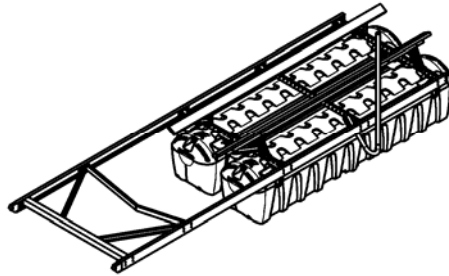
- 1 Position craft over lift
 - a **FRONT MOUNT MODEL** - Drive craft onto hoist to the point that bow makes light contact with forward bumpers.
 - b **SIDE MOUNT MODEL** - Position craft so that it is centered (fore/aft & port/starboard) over hoist.
- 2 Rotate Valve Handle to LIFT/LAUNCH and turn Blower 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

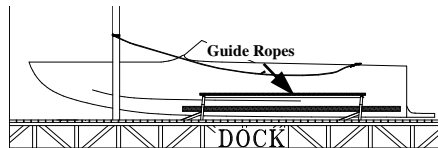
- 1 Release any mooring lines attached to craft.
- 2 Rotate Valve Handle to LIFT/LAUNCH.
- 3 When craft is floating freely, rotate Valve Handle to DRY DOCK .

Front Mount “FM” Model



TO LIFT BOAT

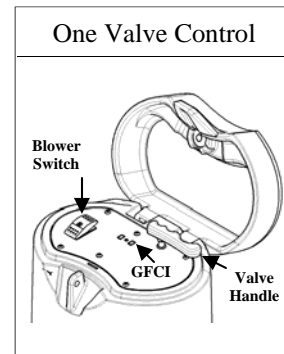
- 1 Position boat over lift and attach Guide ropes to rear cleats of boat.



- 2 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 Rotate Valve Handle to LIFT/LAUNCH position.
LEAVE BLOWER SWITCH OFF.
- 2 When boat is floating freely, rotate Valve Handle to DRY DOCK .
- 3 Remove Guide Ropes from boat.



DO'S AND DON'TS

DO	DON'T
<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>Allow anyone in the boat during the lifting or the launching operation.</p> <p>Operate the blower with the valve closed or in the Dry-Dock position, blower damage can result.</p> <p>Start the blower while launching the boat. Only open the valve by moving it to the Lift/Launch position.</p> <p>Secure any part of the boat, boat accessories, or boat cover to the lift.</p> <p>Grease the hoist. Lubrication is NOT required.</p> <p>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.</p> <p>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.</p>