



On the Water Designs
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Kilworthy, Ontario, P0E 1G0
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Email: info@OnTheWaterDesigns.com
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On The Water Designs warrants that it's docks are free from defects in material and workmanship. This warranty is for a period of eight (8) years from date of delivery. This warranty does not cover mechanical winches or electrical motors or billets. These products come with warranty from the manufacturer of these products.

During the warranty period, On The Water Designs, at its discretion, will repair or replace the defective part at no charge. Transport costs will also be covered by On the Water Designs during the first year of warranty. In the remaining years of warranty, transport costs are the responsibility of the purchaser.

However, if On the Water Designs determines that the terms and conditions of this warranty were not respected, the repairs and transport fees will be invoiced to the purchaser.

Terms and Conditions

1. This warranty covers normal residential consumer use.
2. Pole docks and tower docks **must** be removed from water for winter storage. Refer to instruction sheet
3. Floating docks **should** be removed from the water for winter storage where feasible. Refer to instruction sheet.
4. This warranty does not cover:
 - a. damage which, in the opinion of On The Water Designs, can be attributed to abuse, accidents, weight exceeding maximum capacity, maladjustment, negligence, improper storage, assembly, use or installation.
 - b. damage caused by a repair or an attempt to repair or have modifications made by someone other than a service centre authorized by On The Water Designs.
 - c. damages caused by acts of God.
 - d. damage caused by fresh or salt water.
 - e. removal and reinstallation fees

In order to obtain warranty service, contact

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INSTALLATION INSTRUCTIONS FOR POLE DOCKS

1. Standard installation of pole docks requires between 14"-16" of free board (top of water to top of dock) However, dock installation height should be installed to accommodate free board just above height of worst wave conditions experienced at your location.
2. For most applications, pole docks should be restricted to water depths plus or minus 1 ½ x the width of the dock. "**Width of dock = depth of water**" is where the dock will function best . It is not recommended that pole docks be set in water depths greater than 6 - 7 ft depending on the width of the dock.

3. Installing first section

Tools: ¾" and 9/16" wrench; pipe cutter or skill saw with carbide blade; level; measuring tape

Cut your pole to desired height

- i. Measure out to the end of the first dock section and measure to bottom of lake and top of the deck according to the desired free board. Ensure that you leave sufficient pole above the top of the deck to allow for adjusting the level of the dock upwards if water level rises.
- ii. Measure the height at start of dock and cut first 2 poles to desired height using a Pipe Cutter or Skill Saw with carbide blade.

Attach foot pads

- i. Slide poles through leg holders and then attach foot pads. Tighten to @ 25 foot pounds or until you notice a slight scoring in the aluminum pipe.

Adjust pole height

- i. Lower poles to the bottom of the lake and adjust your height to the desired height on all four corners.
- ii. **Loosely** set the height on all 4 corners.
- iii. Once at the desired height, level dock section on all 4 corners using a 4 foot carpenter's level.
- iv. Tighten all locking bolts until snug against the leg pole making sure that the bolt slightly scores the aluminum pipe to ensure it holds.
- v. 15 and 20 foot dock sections have additional poles. Measure, cut and install centre poles as per above procedures

4. Connecting sections together

Measure freeboard, pole length and assemble section as in 3 above.

Connector brackets .

- i. Once the outer most poles are set, attach the two **Connector Brackets** between the two dock sections by sliding the welded dowel pin of the connector bracket through the pre-drilled holes on the dock frame.
- ii. Set the second dock section so it fits into the connector brackets in line with the first section and tighten bolts of the connector bracket to approx 25-30 foot lbs or until slight score in aluminum.

Centre Leg Poles

- i. Poles **are not required** in the first leg holders closest to the dock section with the connector bracket.
- ii. Place centre legs in second section and level as before.

6. Ramps

- i. when dock sections are installed, attach ramp section .
- ii. Ensure cotter pins are set on both ends of the pins.

7. Additional items re frame installation

- i. For bottoms that are sandy, rocky or very firm , the standard 5” foot pads is all that are required.
- ii. If bottom is soft, we recommend either 10” foot pad and/or placing patio slabs underneath the pads.

8. Decking

- i. Install deck clips. The deck clips consist of an aluminum bar and a carriage bolt. The carriage bolt goes through the predrilled holes in the decks. The aluminum bars are under the deck and will tighten securely underneath the 1 inch extruded lip of the dock frame as the carriage bolt is tightened from the top of the deck.
- ii. Place decks on frame according to numbering system. Example a configuration of 2 - 4x15sections would have 12 deck sections number 1-1;1-2;1-3 , 1-4; 1-5; 1-6 and 2-1;2-2;2-3; 2-4; 2-5; 2-6. These decks are fitted to the frame in the shop and should fit into place readily if the number sequence is followed.

9. Sway Braces

Generally sway braces are required on pole docks in water deeper than 4 feet.

- i. Once all decks are in place, walk on dock and see if you detect any movement side to side. From the point where movement is detected to the outermost point of the dock, sway braces will be required.
- ii. Loosen off leg holder on section where movement has started, place sway brace to bottom of pole just above the foot pad and snug into place. Ensure foot pad is firmly on bottom
- iii. Go to the opposite side, loosen off leg and slide leg up to remove foot pad. Slide collar of sway brace over the bottom end of pole and adjust telescoping arm. Snug bracket, and tighten the centre bolt of the sway brace so the whole assembly is very rigid. Replace foot pad and tighten bolt. Reset leg bolt for proper height above water



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RECOMMENDATIONS FOR WINTERIZING POLE DOCKS

1. Loosen deck clips using a “phillips” head screw driver on the head of the carriage bolt. The aluminum bar and the carriage bolt can remain in the decking as long as the bar is loosened slightly to allow it to swing free of the extruded lip to allow the decks to be moved.
2. Remove decking from dock frames and store on shore, on edge and off the ground well above high water mark. Loosely tarp the decks while still allowing for air flow.
3. If using a ramp, remove decks from ramp and store on edge and off the ground on shore well above high water mark.
4. If Pole Dock anchor is used at end of dock;
 - Remove chain from dock chain-hold plate and attach floating bottle to each chain.
5. Remove connector brackets that are joining dock sections and bring frames to shore. Legs and feet can be left in the frames.
 - Hardware is best stored by attaching back on to ramp or dock section when separated.
6. If using a ramp, remove the hinge pins and remove ramp frame section to shore.
7. Bring in frame sections. Ensure frames and poles are stored well above high water mark. For extra security tie frames off to secure place on shore.

NOTE: Pole docks must be removed from the water for winter storage. Leaving pole docks in the water in the winter voids all warranties.