



**Congratulations  
on your new dock!**



# ALUMINUM STATIONARY DOCK KIT QP-400

(# 21011)

This booklet will guide you through the steps you need to take to complete this project. Please read the instructions carefully to ensure that the assembly is carried out correctly and safely. To do so, please respect the following:

- > Make sure that all bolts and nuts are bolted properly.
- > Do not modify this dock system beyond the recommendations described in this manual. The warranty will be void if altered or repaired.
- > Wear the appropriate equipment when assembling the dock.
- > The load capacity of this structure is limited to 4 persons or 1200 lbs (545 kg).



ASSEMBLE - ENJOY - SHARE

Toll-free line : 1-800-585-1237



info@multinautic.com

Assembly and  
Installation  
Guide



# INCLUDED PARTS QP-400 # 21011

## Components included in the box for frame assembly



Aluminum Side Beam  
x 2



Center piece  
x 1



End piece w/ leg holders  
x 2



Round head  
1/4" x 3/8"  
x 8



Round head  
1/4" x 1-1/4"  
x 16

## Components included in the box for the installation



Junction Plate  
x 2



S.S. Hex bolt  
1/2" x 1"  
x 8



Parallel Adapter  
x 1



Round head  
1/4" x 2"  
x 2



Corner Adapter  
x 1



S.S. Hex bolt  
1/2" x 1"  
x 2



6 ft. post & PVC Cap  
2x



Base Plate  
6 in x 6 in  
2x

## REQUIRED TOOLS

- > Wrench and ratchet 3/4" and 7/16"
- > Phillips screwdriver
- > Cordless drill with #2 square bit, 9/64", 11/64" drill bits (and optional 1/2" forcorner adapter)
- > Measuring tape
- > Saw
- > Level
- > Sledgehammer

## CHARACTERISTICS OF A STATIONARY DOCK

- > This is the ideal option for shallow water. You can install a stationary dock in a maximum of about 4 feet of water otherwise installation and removal will be difficult.
- > The stationary dock is usually installed without anchors and you should not rely on it to hold your boat during a storm, or to protect it from large waves created by other boats.
- > A stationary dock is recommended if bad weather causes waves of up to 3 feet. If this is the case, you will have to moor the boat away from the dock. Some people choose to install a boat lift or hoist it up a mooring ramp.
- > A post dock is not recommended in a body of water that often fluctuates more than 2 feet in a short period of time. A floating dock would be more appropriate in this case, otherwise you may have to adjust its height several times during the season.
- > Never leave a stationary dock in the water for the winter because of damage caused by spring ice movement and the weight of snow. When storing, remove the posts and leave your decking in place. They can be stacked flat (upside down to prevent wood fading from the sun) or vertically on their sides.

## INSTALLATION TYPES

This 4 ft. x 8 ft. QP-400 aluminum dock model meets the demand for lightweight, easy-to-install docks. It is sturdy, modular and simple to assemble. Its configuration can evolve according to your needs and it can easily be expanded by adding sections. Note that this dock structure **cannot** be installed with floats or used as a floating dock starter section. Although your QP-400 has many of the features of the QP-427-D dock (which is 12 ft. long), its width is different, which restricts combinations with it in straight lines.

## CEDAR DECKING KIT FOR QP-400™ DOCK # 21175

You can purchase the optional pre-cut Western Cedar Decking Kit to make your assembly even easier.

The kit includes premium quality Western Cedar boards, kiln-dried and sanded, as well as the required screws.



### WOOD

- > 15x boards : 5/4" x 6" x 46 11/16" (1" thick actual size)
- > 2x boards : 5/4" x 6" x 46 11/16" (1" thick actual size) with small cuts for leg holders
- > 4x boards : 5/4" x 3" x 47 3/4" (1" thick actual size) for decking striggers

### HARDWARE

- > 90x #8 x 1 3/4" wood screws
- > 8x #10 x 1 3/4" stainless steel screws



Before starting assembly, we strongly recommend reading the instructions on page 5 as configuration adaptors may be combined with the structural parts.

Place the parts to be assembled on the floor to visualize the steps to follow. Combine the aluminum parts by following the steps illustrated below. Screw the nuts by hand to start and once completed, tighten the assembly.

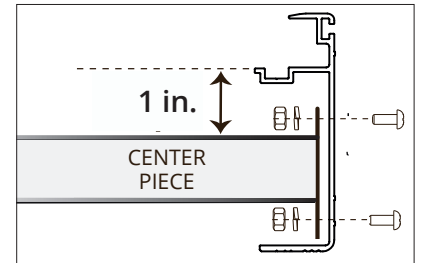


### 1 CENTER PIECE

Locate the holes in the Side Beams, in the center of the dock, to attach the Center Piece. It should be installed, as shown, with the 1/4" x 5/8" bolts.



1/4" x 5/8"  
Bolts  
x 8

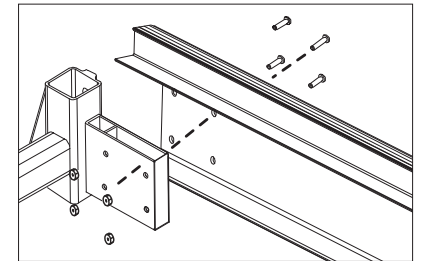


### 2 END PIECES

Insert the 2 End Pieces into the Side Beams and secure with the 1/4" x 1-1/4" bolts.



1/4" x 1-1/4"  
Bolts  
x 16

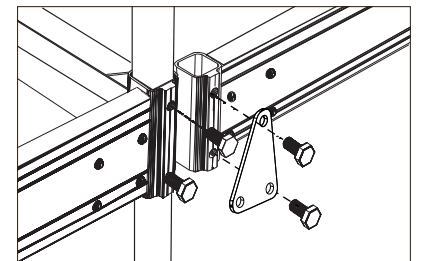


### 3 POSTS & JUNCTION PLATES

Install the 1/2" x 1" bolts, with the threads ideally coated with white grease, into the leg holders at one end of the dock. Insert the posts, but tighten only slightly as you will readjust once in the water. Install the junction plates at the end opposite to the posts (except for the first dock section which does not require junction plates).



1/2" x 1"  
Hexagonal Bolts  
x 8



**MAINTENANCE** Aluminum requires no special maintenance. However, due to exposure to air and water, a thin greenish layer can accumulate on its surface. If light scratches appear, you can remove them with a plastic scouring pad, but neither green moss nor light scratches will affect the strength of the dock.

# DECKING

As shown on page 2, Multinautic® offers a pre-configured Cedar Decking Kit. This decking kit has its own assembly guide.

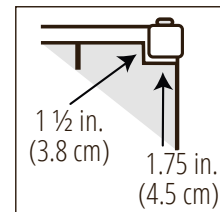
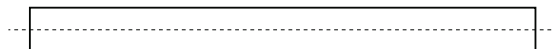
If you prefer to purchase your own wood for installation, here are the required components and steps to follow:

- > 80 #8 x 1 3/4" wood screws
- > 10 (or 11) 8 ft. (2.43 m) 5/4" x 6" cedar planks (common name, actual size 1" x 5.5") (read step 4).

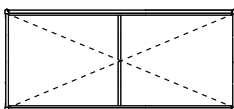
To facilitate handling, you will assemble the decking in 2 panels.



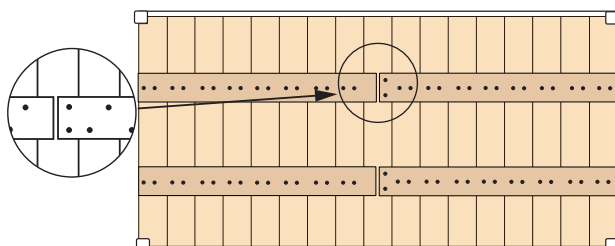
- 1** Cut 8 boards into 16 lengths of 46 11/16" (118.6 cm). Make a small cut in 2 of the boards to fit the corners.  
Cut 2 boards into 4 lengths of 47 3/4" (121.3 cm) to be used as decking supports for the panel assembly (choose the less nice ones). If you are installing more than one section, to save on wood, you can split these boards lengthwise.



- 2** Install the structure at table height, with 4 posts (or any kind of support at one end if you only have one dock section). Check the squareness by measuring it in an X-shape from corner to corner. The 2 dimensions should be +/- 1/8 in. (4 mm).



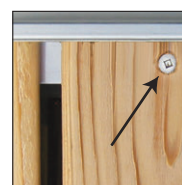
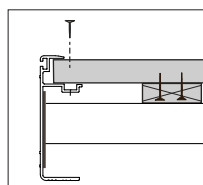
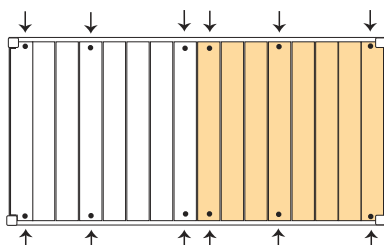
- 3** You will assemble the 2 decking panels upside down and then turn them over. This way, you will not see the screw heads on the finished product. Place the decking boards on the frame, with their nice side down, all leaning against the same side. Place the decking supports 12" from the sides.



- 4** Before screwing the decking supports into the boards (4 screws per board), make sure that the gaps between the boards are equal (+/- 3/8" or 9 mm) and that the decking supports are positioned parallel to each other. For smaller spacing, rather than 16 boards, install 17. Pre-drill these supports at the ends with a 9/64" drill bit to prevent cracking. When screwing, make sure that the support is well rested on the board and that no space is created between the two pieces.



- 5** Once assembled, turn your panels over. Drill a 9/64" hole in the corner of a panel, through the wood and the aluminum support lip and insert a screw. Do the same at the other end of the board and repeat in the other 2 corners and in the center of the panel. Then repeat the steps with the other panel.



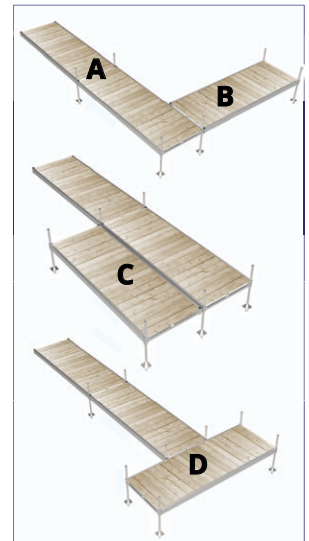
**MAINTENANCE** Important: your aluminum structures must not come into contact with green ACQ treated wood. We strongly recommend choosing cedar: it is light, maintenance-free and can be installed as is. Refer to your wood dealer if you wish to apply a protector.z

# INSTALLATION

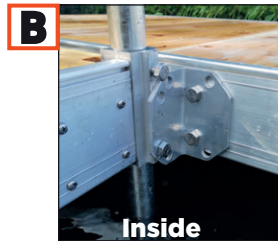
## JUNCTION PLATES AND LAYOUT ADAPTERS

Plan the installation of your docks according to the possibilities shown in the diagrams beside. Whether end-to-end (A), "L" shaped (B), parallel (C) or as a "T" (D), many combinations are possible:

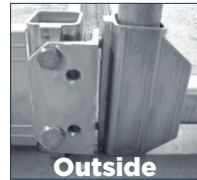
- > the Junction Plates (A), for a straight line installation, will be combined with the Leg Holders with the stainless steel hexagonal bolts;
- > the Corner Adapters (B) will use the bolts of a Leg Holder and their own 1/2" bolts with nuts. You will need to re-drill the Aluminum Side Beam with a 1/2" drill bit to install them. Depending on your use of the dock, it may be necessary to add a post in this corner;
- > the Parallel Adaptors (C) will be attached with the 2" bolts to the already installed dock. The side of the dock to be hooked to it will not have hex bolts. The distance between the docks will therefore be a Junction Plate bolted to a Leg holder. If the fixed section of the dock is located at the end of the layout, add a Junction Plate to the last post to get the right spacing.
- > to create combination "D", you will install the Corner Adapters (B) using their 1/2" x 1" bolts with nuts and drill the aluminum with a 1/2" drill bit. You will also need additional posts.



Reverse the part for an inclined start section.



Reverse the part according to the junction Inside or Outside.



Place the Junction Plate inward if it's the end dock section.



With or without extra post, uses only one bolt on the leg holder.

To reduce the space between the docks, you can screw a 2" x 4" board on one side.

## POSTS AND BASE PLATES

Whatever your configuration, the first section will be placed on the ground and the 2 posts will be located in the water. Note that the first section does not require junction plates.

- > The Posts can be inserted into the Leg Holders, high enough so as not to interfere when moving the dock to its final location; once in the water, adjust them to the right height and tighten them only slightly. It would be a good idea to coat the threads of the bolts with grease.
- > Attach the base plates to the posts, leaving about 6" (15 cm) of post below the base plate (a little more if the lake bottom is muddy or a little less if it is very hard). When you reach the right spot for the dock, drive the posts to the Base Plates by pressing down with your foot on the Base Plate or by hitting the Post with a sledgehammer.
- > Adjust the height and level of the platform and tighten the top bolts of the Leg Holder. For a straight line installation, use the bottom bolts to connect the next section on which the junction plates will be installed. Tighten the 4 bolts of the last section.
- > Multinautic® Posts can be cut. Leave at least 16" protruding above the dock for possible adjustments during the season. Then install the PVC Caps.
- > For demanding conditions, you can add reinforcement Braces (product #22034).



## 24 in. DOCK WHEEL KITS

To make installation and removal easier or move the dock as the water level changes, you can add sets of wheels with hubs. We recommend anchoring a wheeled dock with concrete blocks and chain since the posts will not be driven into the ground (pair of Anchor Chain Hooks for aluminum docks, product #22063).



Product #22000





## Suggestions of complementary products for your QP-400™ Stationary Dock

### Choice of dock ladders

- > made of aluminum with deep and comfortable steps
- > straight or angled
- > swinging or detachable
- > load capacity of 250 or 400 lbs



### Mooring Accessories

- > Nylon Dock Lines
- > Mooring cleats
- > PVC Bumpers for dock sides, dock corners, dock posts



### Installation Accessories

- > Diagonal Brace #22034
- > Additional Posts (4, 6 or 8 ft.) and Base Plates for special configurations
- > 24 in. Dock Wheels with galvanized steel Hubs

### Complements for leisure and safety

- > Kayak or SUP Storage Racks
- > Low Deck for easy access to water, boards and kayaks
- > Kayak Launcher for safe and easy onboarding
- > Small boat and PWC Mooring Ramp Kits



**SHOULD YOU ENCOUNTER ANY DIFFICULTIES WITH THIS PRODUCT, DO NOT RETURN IT TO THE STORE.**

**PLEASE CONTACT OUR CUSTOMER SERVICE AT [INFO@MULTINAUTIC.COM](mailto:info@multinautic.com) OR**

**1-800-585-1237**



## Limited Warranty

Multinautic® hereby warrants to the original consumer purchaser only that this product will be free, in normal use, of any defects in materials and workmanship for a period of one (1) year from the consumer's original date of purchase directly from Multinautic® or from a Multinautic® authorized reseller. At its sole option, Multinautic® will repair or replace the defective product and promptly return it to you. In order for this warranty to be valid, the consumer must, at the time the product is returned, provide proof of purchase in the form of the original purchase receipt directly from Multinautic® or from a Multinautic®-authorized reseller. If Multinautic® elects to replace the defective product, then Multinautic® reserves the right to replace the defective product with another product of the same model or a model of at least comparable quality and features in Multinautic®'s sole determination. A reimbursement cannot exceed the amount paid by customer and is limited to the replacement of the defective product.

If you believe this product is defective within the warranty period, call Multinautic® for a Return Authorisation Number (RAN), carefully repack the unit, insure it and return it with proof of purchase, postage prepaid, to Multinautic® at 2330, Jean-Adam, St-Sauveur, QC, Canada, J0R 1R2. Write the RAN on the shipping label. Any product sent without RAN will be refused and returned freight collect to sender.

This warranty is not transferable. This warranty does not apply in cases of abuse or misuse of the product, use contrary to Multinautic®'s instructions, an act of God, negligent use, purchase from a party other than a Multinautic® authorized reseller, unauthorized repair, or modification of the product.

ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY DISCLAIMED TO THE EXTENT PERMITTED UNDER APPLICABLE LAWS AND, TO THE EXTENT NOT PERMITTED, ARE HEREBY LIMITED TO THE DURATION AND TERMS OF THIS WARRANTY. MULTINAUTIC® ALSO HEREBY DISCLAIMS ALL LIABILITY FOR INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES. Some states or provinces do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from state to state or province to province. This warranty does not restrict the rights of the consumer mandated under applicable laws. THIS WARRANTY SUPERSEDES ALL OTHER WARRANTIES THAT ARE ASSOCIATED WITH THIS PRODUCT.