

**USER MANUAL – EN**  
**Inflatable Sailing Dinghy Aqua Marina Pioneer OP-277**



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# INTRODUCTION

Pioneer inflatable sailing boat is a new way of exploring the sailing experience. It allows people and first-time sailors to enjoy sailing fun and expert sailors to test their limits.



## DESIGN

As a multi-purpose sailing dinghy, this boat features a stable and smart design which gives a classic speed boat shape and durable aluminium deck providing excellent stability and performance.

## PERFORMANCE

The Pioneer offers a maximum acceleration to reach speed in 3 to 4 force winds depending on carried load.

## TRANSPORT AND STORAGE

The Pioneer boat can be assembled or packed down into two bags in less than 20 minutes.

## GENERAL INFORMATION

This manual has been compiled to help you achieve long term safe use and pleasure from your Aqua Marina® Pioneer sailing boat.

Check in your local area for information and/or training as needed. Inform yourself about local regulations and dangers related to boating and/or other water activities. It is your responsibility to be aware of and comply with all relevant safety regulations. For all water recreation or sport, you should have a reasonable swimming ability. Just as swimmers have a cardinal rule about not swimming alone. It is strongly advised that you should never go boating alone.

Keep this manual in a secure place and hand it over to the new owner when you sell the craft. Record the "Hull Identification Number" (HIN) which is labelled on the boat.

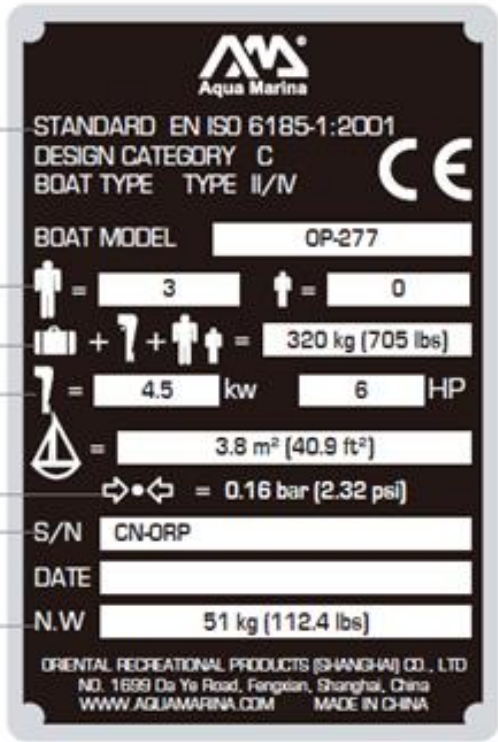
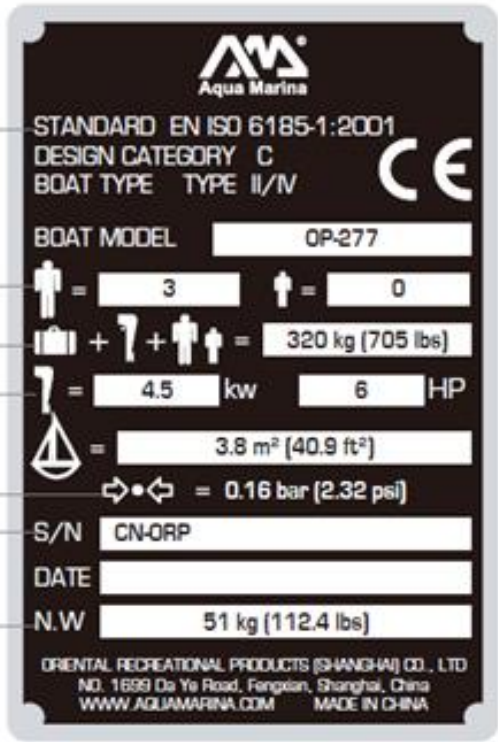
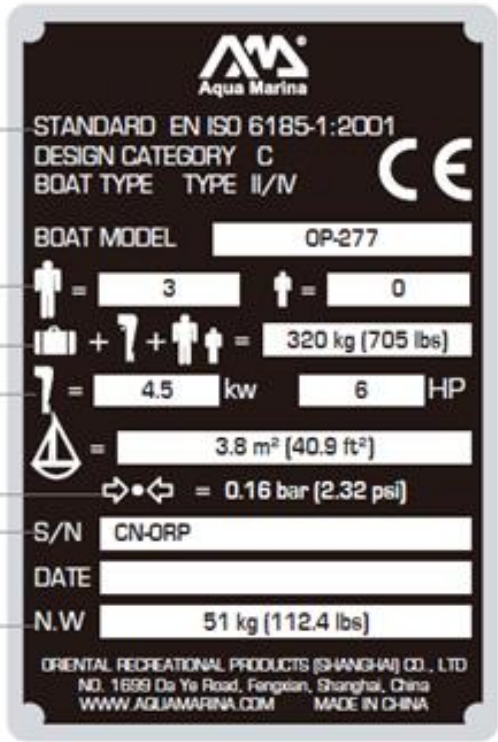
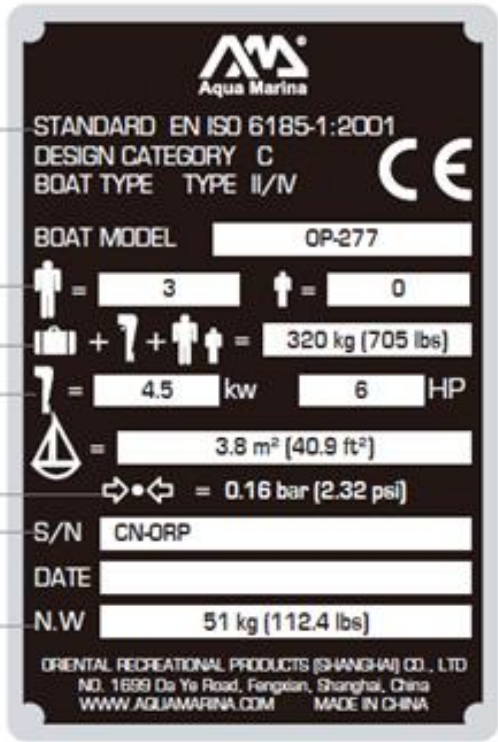
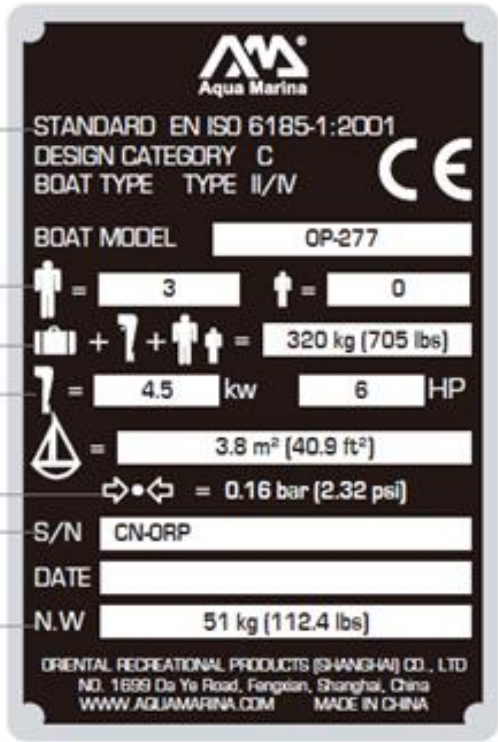
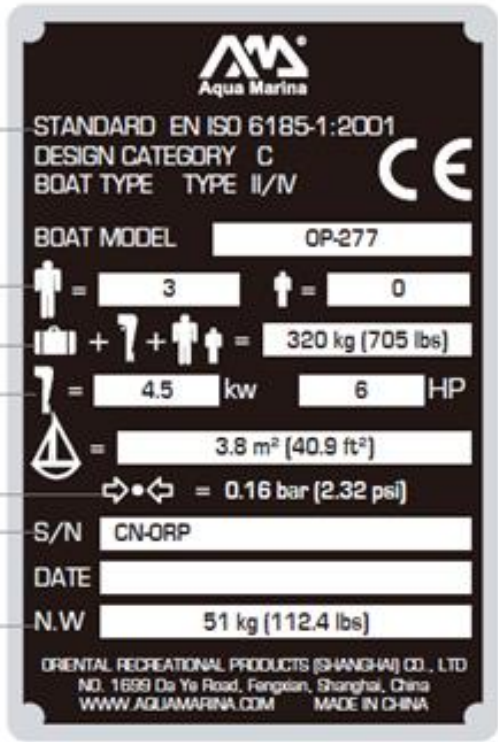
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## MANUFACTURER'S CERTIFICATION

Our boats comply with the EN ISO 6185-1 standard established by the International Organization for Standardization.

## MANUFACTURER'S RECOMMENDATION

The total number of persons, motor power and total weight shall not exceed limits labelled (Fig. 1) on the boat.

<p>1. As per Directive 2013/53/EU boat Design Category C – Inshore: Designed for voyagers in coastal waters, large bays, estuaries, lakes and rivers where conditions up to, and including, wind force 6 and significant wave heights up to, and including, 2 m may be experienced</p>	
<p>2. Maximum person's capacity without console</p>	
<p>3. Manufacturer's recommended maximum load capacity</p>	
<p>4. Maximum motor power</p>	
<p>5. Manufacturer's recommended working pressure</p>	
<p>6. Hull identification number (HIN)</p>	
<p>7. Net weight</p>	
<p><b>Fig. 1</b></p>	

**NOTE:** When operate the engine, it is necessary to remove the two rudder ears behind the stern plate.

## SAFETY PRECAUTIONS

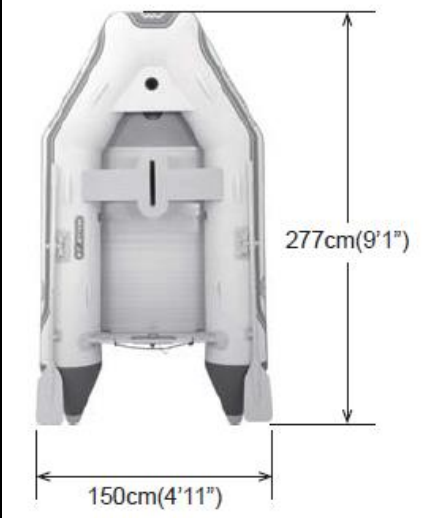
- For your own safety follow next precautions and warnings. Not to obey them should cause a damage, serious injury or death.
- Always wear an approved personal flotation device (life preserver).
- Do not violate local boating rules and regulations and follow them.
- Be aware of changing weather conditions.
- Check inflation levels each time before you go out and inflate your boat for a full 24 hours before undertaking a long trip.
- Children are not allowed to use this product without adult supervision.
- Do not consume alcohol while boating and don't use it under alcohol or drug influence.

- Do not drag the boat over rocks or gravel. Avoid them if possible.
- Do not exceed certified maximum capacities of this boat under any circumstance.
- Do not go boating alone.
- Do not use compressors, CO<sub>2</sub> or compressed air for inflation. Use only Aqua Marian recommended pumps.
- Do not use the boat as personal flotation device as they are designed for leisure or recreation.
- Do not sleep inside the boat while being on water.
- Do not exceed your sailing and paddling ability and respect your limits.


## SPECIFICATION AND FEATURES

### SPECIFICATIONS

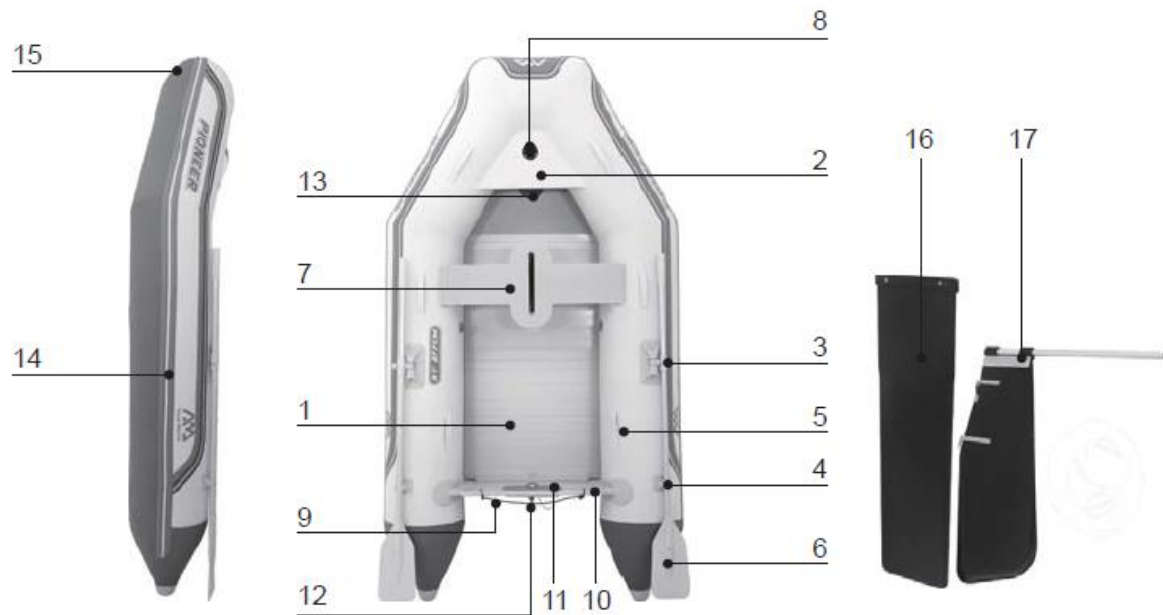
#### BOAT SPEC.

Dimensions (Inch)	9'1" x 4'11"	
Dimensions (cm)	277 x 150	
Floor	Aluminium	
Net weight	112 lbs (51 kg)	
No. of air chambers	3+keel	
Max. passenger	3	
Max. payload	705 lbs (320 kg)	
Outboard engine	4.5 KW/6 HP	

#### SAIL SPEC.

Mast length	11'4" (345 cm)	
Boom length	6'7" (200 cm)	
Sail area	41 ft <sup>2</sup> (3.80 m <sup>2</sup> )	
Aluminium material	4 pieces	
Aluminium and fiberglass	2 pieces	
Sail including 3 battens.		
Sail kit accessories	Mast step holder, blocks and line, sail kit bag	

## STANDARD EQUIPMENT



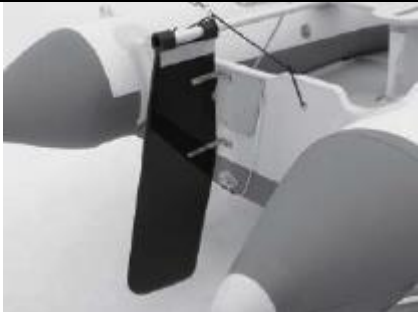
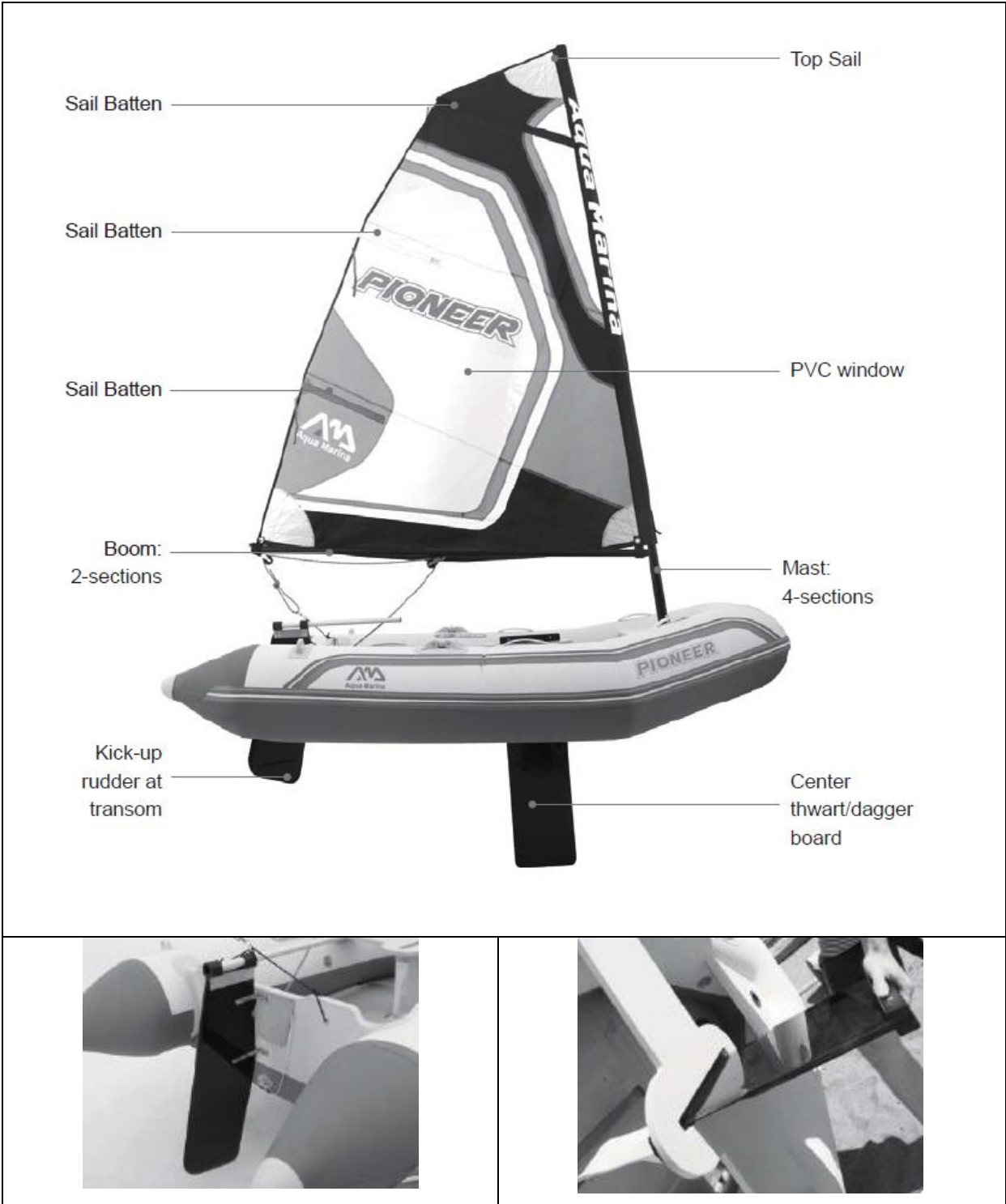
1	Aluminium deck (foldable and removable)	2	Triangle head for insert the sail mast
3	Oar holder	4	Rotation oar lock
5	Safety grab handles	6	Aluminium oar set
7	Centre thwart/dagger board insert bench	8	Mast insert hole
9	Halyard hook connecting rope	10	Transom
11	Aluminium motor mount board	12	Stern rudder lug (connection position of stern rudder plate)
13	Recessed pressure valve for inflate the keel	14	Rubbing strake
15	Bow D-ring with towing rope	16	Centre thwart or daggerboard
17	Kick-up rudder		

## SAIL RIGS



1	<b>Sail:</b> 3.8 m <sup>2</sup> , PVC window and Dacron fabric.
2	<b>Boom:</b> 2-section adjustable aluminium boom with rollers to secure the sail line. <i>One segment with 970 mm (length), 40 mm (diameter), 1 mm (wall thickness).</i> <i>One segment with 1170 mm (length), 40 mm (diameter), 1 mm (wall thickness).</i>
3	<b>Mast:</b> 4-section aluminium mast <i>Section 1: 210 mm (length), 45 mm (diameter), 2 mm (wall thickness).</i> <i>Section 2: 1170 mm (length), 45 mm (diameter), 2 mm (wall thickness).</i> <i>Section 3: 1170 mm (length), 45 mm (diameter), 2 mm (wall thickness).</i> <i>Section 4: 1180 mm (length), 45 mm (diameter), 2 mm (wall thickness).</i>
4	<b>Sail bag:</b> 210D Dacron fabric. 1200 mm (length), 300 mm (diameter)
5	<b>Sail line:</b> 8 m/diameter: 9 mm

# PRODUCT FEATURES





# ASSEMBLY AND DISASSEMBLY

## SET-UP PREPARATION

Unfold the boat from the packing box. Choose a smooth and clean surface to set up your boat.

**NOTE:** Do not scratch the product with a knife while opening the package.



## VALVE OPERATION

Follow these valve instructions to inflate or deflate the boat properly.

The boards inflation valve is located near the nose of the board.

1. To close off the valve for inflation, make sure that the centre valve pin is in the UP position. If it is in the DOWN position, press down on the valve pin and turn it counter-clockwise until it pops up.



2. To open the valve for deflation, press down on the valve pin and turn it clockwise so it locks down.



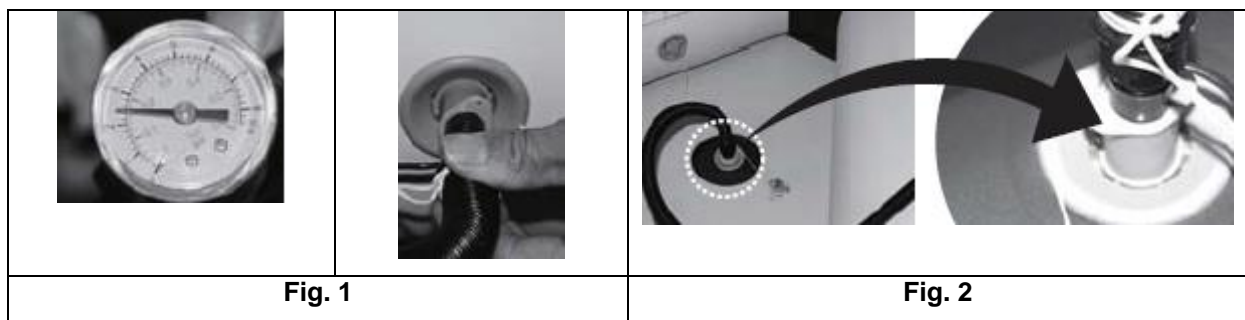
**WARNING:**

- Be careful of any sand or debris around the valve area when deflating as small items could be thrown out with releasing air.
- Always lock the valve cover over the valve stem when in use. This will prevent the air from coming out and dirt from coming in.



**INFLATION STEPS**

1. Ensure the air valve central pin is properly in position by rotating the control stem until it pops out. This ensures no air escapes during inflation.
2. Inflate the hull. After inflation, insert the provided pressure gauge into the air valve to check the air pressure. The ideal pressure is 0.16 bar – 0.25 bar (Fig. 1).
3. Inflate the keel. Stop inflating until the pressure reaches 0.3 bar (Fig. 2).



**NOTE:**

Check the pressure before each using. Air pressure and weather conditions can influence internal pressure of inflatable products. The pressure will be decreased in cold water because of air contraction. If it occurs, you should add some air to the product. On the other hand, the air will expand in warm days. You have to deflate some air to protect it from damage due overpressure.

- Use only Aqua Marina® approved inflation pumps.
- Never use motor driven high-pressure air pumps as these may cause over inflation. Fill it only with cold air.
- Overinflating could result in serious safety hazard.
- Always check the inflation pressure before using this product.
- Never stand on this product or on its marginal parts during inflation.
- Never open the cap of the air valve while this product is being used.
- Make sure that the valve is tightly closed before each using.

# BOAT SET UP

## 1. Hull inflation

Use a standard 16" hand pump for inflation. First inflate the bow and then inflate the air chambers on both sides of the hull. Stop inflation until the hull is expanded. During the setting up, don't inflate fully the air chambers of the hull.



## 2. Deck installation

When the bow and the air chambers on both sides are inflated (70%), start to install the bottom aluminium deck (in this order: 1 – 2 – 3) on the deck sticker as shown in these pictures.

- Connect the No. 1 bow plate and the No. 2 centre plate, stuck the connection part and press down to fix it.



- Connect the No. 2 centre plate and the No.3 tail plate in turn and fix it.
- After the installation of the of the bottom deck is completed, please beat it down to be smooth. It can be finished by feet.

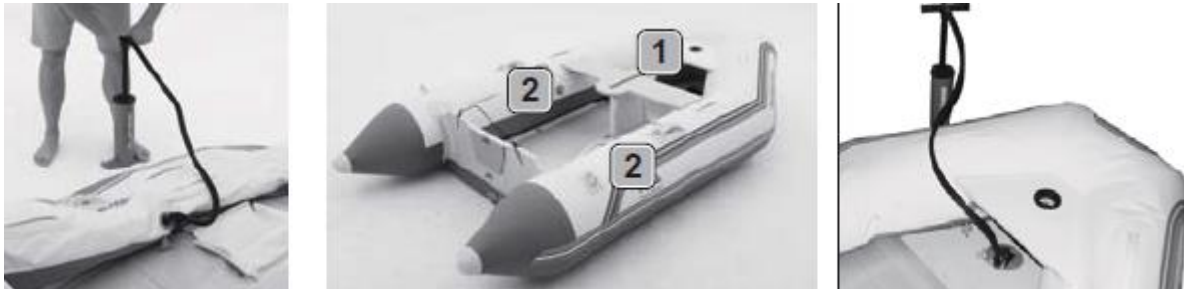


- It is necessary to use aluminium deck (A type) to fix the deck on the both sides of the hull. Lift lightly the PVC pump up and insert it into the splint on the side of the boat in 45° angle. Then clear the pump to make it cover the splint to finish the installation.



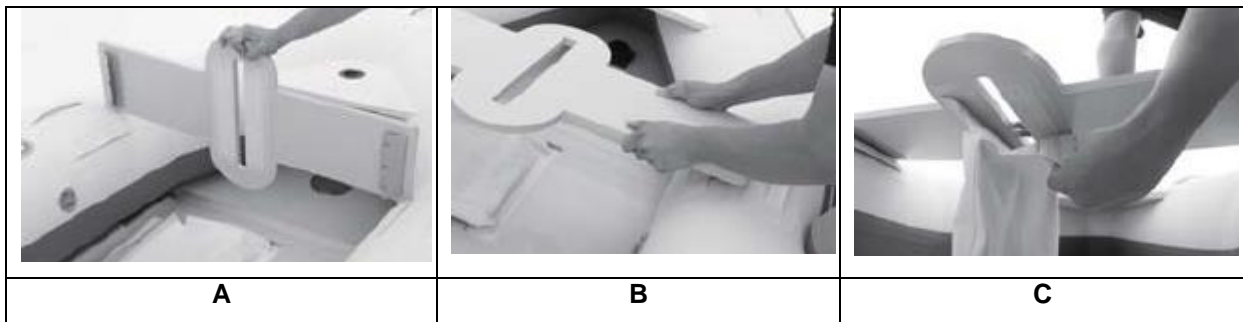
### 3. Complete the hull inflation

At last, complete the hull inflation. Same as above, firstly add inflation to the air chamber in the bow. Then the air chambers on the both sides of the hull, at last the inflatable keel. The steps are as following pictures.



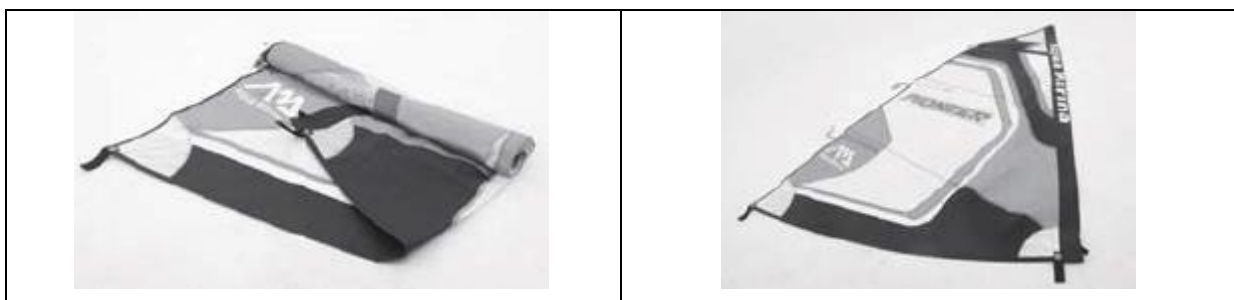
### 4. Install the centre thwart/dagger bench

- Buckle the centre thwart into the pumps on both sides of the hull. The bottom of the centre thwart is with standard inserting board and the hull is with inserting port.
- Insert them into the hull and fix them.
- Install the waterproof bag of the centre thwart on the fixing board. Apply magic sticker to stick around the inserting port to finish the installation.

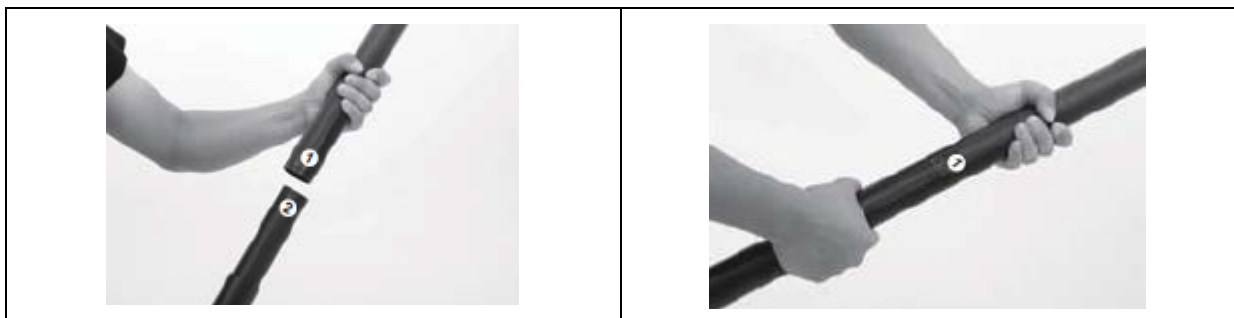


## SAIL RIG SET UP

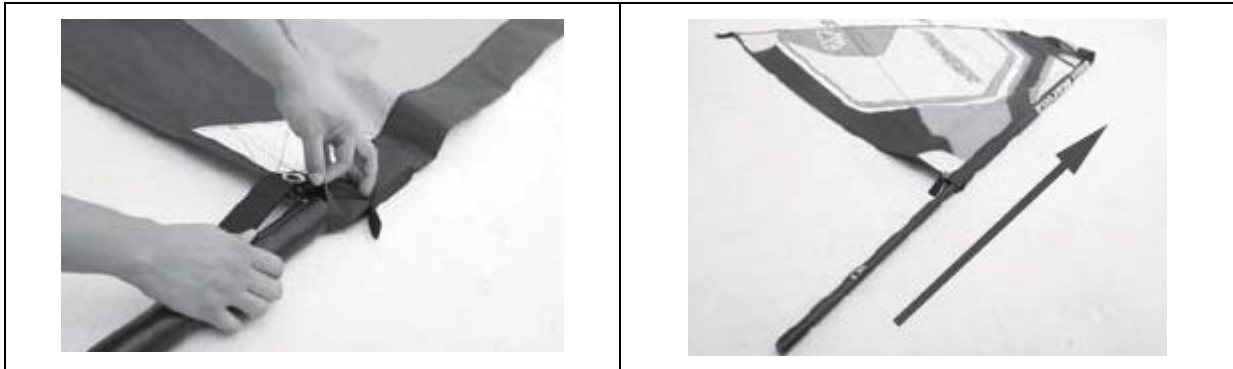
1. Spread out the canvas of the Pioneer sail rig on a clean surface.



2. Mast installation: The mast should be installed by inserting in following order: 1 – 2 – 3 – 4.



3. After the mast installation is completed, insert it into the side mast sleeve of the sail rig from the bottom port and push it to the top of the sail rig.



## THE CONNECTION INSTALLATION OF THE SAIL RIG AND HULL

1. Insert the assembled sail rig to the hole on the triangular head plate of the hull to the hole position above the bottom splint to finish the installation of sail rig.

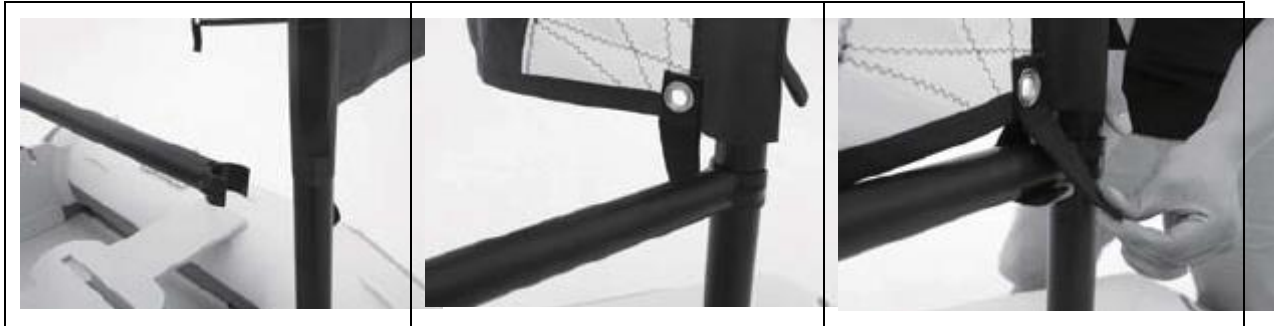


2. Boom connection installation

- There are two segments of boom connection. Install them in turn.



- Install the boom connection to the mast of the sail rig (as following pictures). Install the end with C type buckle of the boom connection to the mast and push it to buckle it into the mast. Use the standard magic stick belt of the sail rig to stick and fix it.



- Make the other end of the boom connection with the roller to bind with the sail rig with magic stick and fix it as shown in following picture.



### 3. Halyard installation

Fix one end of the standard strong halyard to the stern plate rope (stern plate rope has been installed). Pull the other end through the first pulley and the second pulley of the boom connection to finish the installation.



### 4. Kick-up rudder installation

Aligning the position of the line rudder ear on the stern board, press the stern rudder down to install (as shown in pictures 1 and 2). Insert the direction control rod of the stern rudder into the top hole of the stern rudder to finish the installation.

**NOTE:** Tail rudder should be taken through the low part of the stern plate rope during its installation.



## 5. Centre thwart installation

Insert the centre thwart through the hole position as shown in the picture. Central thwart should be inserted into the waterproof bag. It is necessary to stick it tightly around the waterproof bag to prevent water from entering. Installation is completed.



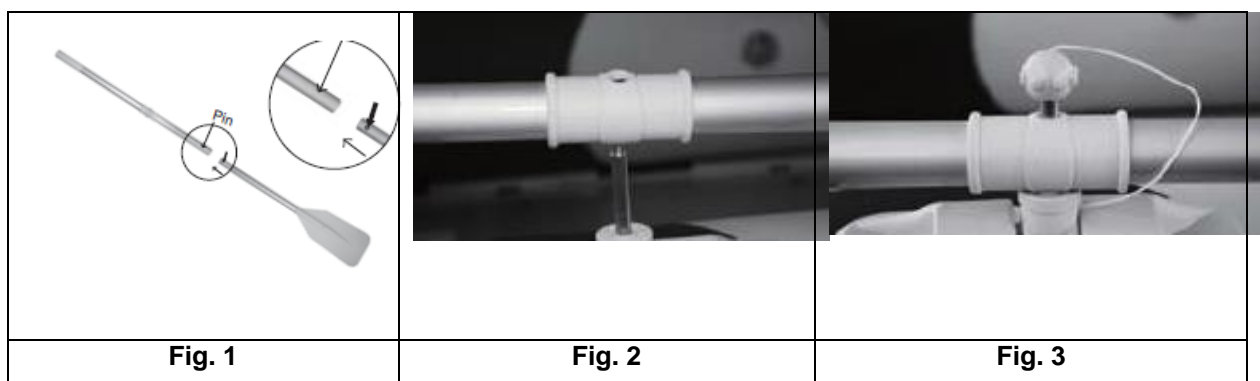
## OAR ASSEMBLY

1. Join the two shafts of the oars together with the couplers and securely tighten the coupler covers (Fig. 1).

**NOTE:** Completely insert the shafts into the couplers to avoid damage.

2. Attach the oars to the rotation oarlocks and lock them into position (Fig. 2 and 3).

**NOTE:** When the oars are not in use, insert the oars into the oar holders to avoid damage and loss.



## MAINTENANCE AND STORAGE

The boat is made of the highest quality materials and complies with ISO 6185 standard. By doing improper modifications you could decrease its safety, endanger yourself or other users and void limited warranty.

It is easy to keep this boat in good condition for many years.

- When landing on the shore, carry the boat. Do not drag it on sand or ground to avoid damage.
- While using the tow rings, go slowly and avoid over-towing.
- Clean your boat after a trip to prevent damage from sand, salt water or sun exposure. Most dirt can be removed with a garden hose, sponge and mild soap. Make sure the boat is completely dry before storing. Use a few cleaning agents as possible and do not discharge waste agents into water. Clean your boat preferably on land.
- This product must be completely dry before storing.
- Don't hang it.
- Open all air valves including the keel and deflate boat completely. Remove all the accessories from the boat, deck, sail rig and oars.
- Fold the boat from back to front to remove remaining air. The boat storage bag is designed to allow you to get your boat into the bag as easily as possible with minimal folds. Follow the diagram below for the best folding.

1	
2	
3	
4	



# LEAK DETECTION AND REPAIR

## AIR LEAK DETECTION

If your boat appears a bit soft, it might not be because of leak. If the boat was inflated late in the day with 32°C (90°F) air, that air might cool down to 25°C (77°F) overnight. The cooler air exerts less pressure on the hull, so it could appear soft the next morning. If there has been no temperature variation, you need to start looking for a leak:

- Take a good look at your boat from just a few feet away. Flip it over and closely check over the outside. Any large leaks should be clearly visible.
- If you have an idea, where your leak is, use a mix of dishwashing liquid and water in a spray bottle and spray over the suspicious areas. Any leak will produce bubbles that will pinpoint the leak location.
- Check valves for leak. Spray soapy water around the valve and the valve base if necessary.

## SMALL REPAIRS

Inadvertent punctures can be repaired using included vinyl repair patch and vinyl glue. Also, you can purchase additional PVC or silicone-based glue for repairing camping mats, tents or shoes from your local market to patch your boat. Refer to the instructions for glue application.

1. Thoroughly clean and dry the damaged area. Completely deflate the product.
2. Cut a portion of the patch to cover the puncture and allow an additional ¼" on all sides. Always cut a round patch, never leave square corners.
3. Be sure the repair area is completely dry.
4. Apply generous coat glue to the vinyl repair patch and to the product.
5. Allow the glue to dry for 2 to 3 minutes, or until the glue becomes tacky.
6. Apply the patch to the product, using your thumb or finger, apply even pressure across the entire surface of the patch. Make sure that the edges of the patch are pressed down along the entire diameter.
7. Allow the product to dry for at least 12 hours before inflating and using.

If there are large tears/cracks, bring the water craft or any essential equipment into a professional repair shop for appropriate repair or replacement.

# TERMS AND CONDITIONS OF WARRANTY, WARRANTY CLAIMS

## General Conditions of Warranty and Definition of Terms

All Warranty Conditions stated hereunder determine Warranty Coverage and Warranty Claim Procedure. Conditions of Warranty and Warranty Claims are governed by Act No. 40/1964 Coll. Civil Code, Act No. 513/1991 Coll., Commercial Code, and Act No. 634/1992 Coll., Consumer Protection Act, as amended, also in cases that are not specified by these Warranty rules.

The seller is SEVEN SPORT s.r.o. with its registered office in Borivojova Street 35/878, Prague 13000, Company Registration Number: 26847264, registered in the Trade Register at Regional Court in Prague, Section C, Insert No. 116888.

According to valid legal regulations it depends whether the Buyer is the End Customer or not.

"The Buyer who is the End Customer" or simply the "End Customer" is the legal entity that does not conclude and execute the Contract in order to run or promote his own trade or business activities.

"The Buyer who is not the End Customer" is a Businessman that buys Goods or uses services for the purpose of using the Goods or services for his own business activities. The Buyer conforms to the General Purchase Agreement and business conditions to the extent specified in the Commercial Code.

These Conditions of Warranty and Warranty Claims are an integral part of every Purchase Agreement made between the Seller and the Buyer. All Warranty Conditions are valid and binding, unless otherwise specified in the Purchase Agreement, in the Amendment to this Contract or in another written agreement.

### **Warranty Conditions**

#### **Warranty Period**

The Seller provides the Buyer a 24 months Warranty for Goods Quality, unless otherwise specified in the Certificate of Warranty, Invoice, Bill of Delivery or other documents related to the Goods. The legal warranty period provided to the Consumer is not affected.

By the Warranty for Goods Quality, the Seller guarantees that the delivered Goods shall be, for a certain period of time, suitable for regular or contracted use, and that the Goods shall maintain its regular or contracted features.

#### **The Warranty does not cover defects resulting from (if applicable):**

- User's fault, i.e. product damage caused by unqualified repair work, improper assembly, insufficient insertion of seat post into frame, insufficient tightening of pedals and cranks
- Improper maintenance
- Mechanical damages
- Regular use (e.g. wearing out of rubber and plastic parts, moving mechanisms, joints etc.)
- Unavoidable event, natural disaster
- Adjustments made by unqualified person
- Improper maintenance, improper placement, damages caused by low or high temperature, water, inappropriate pressure, shocks, intentional changes in design or construction etc.

### **Warranty Claim Procedure**

The Buyer is obliged to check the Goods delivered by the Seller immediately after taking the responsibility for the Goods and its damages, i.e. immediately after its delivery. The Buyer must check the Goods so that he discovers all the defects that can be discovered by such check.

When making a Warranty Claim the Buyer is obliged, on request of the Seller, to prove the purchase and validity of the claim by the Invoice or Bill of Delivery that includes the product's serial number, or eventually by the documents without the serial number. If the Buyer does not prove the validity of the Warranty Claim by these documents, the Seller has the right to reject the Warranty Claim.

If the Buyer gives notice of a defect that is not covered by the Warranty (e.g. in the case that the Warranty Conditions were not fulfilled or in the case of reporting the defect by mistake etc.), the Seller is eligible to require a compensation for all the costs arising from the repair. The cost shall be calculated according to the valid price list of services and transport costs.

If the Seller finds out (by testing) that the product is not damaged, the Warranty Claim is not accepted. The Seller reserves the right to claim a compensation for costs arising from the false Warranty Claim.

In case the Buyer makes a claim about the Goods that is legally covered by the Warranty provided by the Seller, the Seller shall fix the reported defects by means of repair or by the exchange of the damaged part or product for a new one. Based on the agreement of the Buyer, the Seller has the right to exchange the defected Goods for a fully compatible Goods of the same or better technical characteristics. The Seller is entitled to choose the form of the Warranty Claim Procedures described in this paragraph.

The Seller shall settle the Warranty Claim within 30 days after the delivery of the defective Goods, unless a longer period has been agreed upon. The day when the repaired or exchanged Goods is handed over to the Buyer is considered to be the day of the Warranty Claim settlement. When the Seller is not able to settle the Warranty Claim within the agreed period due to the specific nature of the Goods defect, he and the Buyer shall make an agreement about an alternative solution. In case such agreement is not made, the Seller is obliged to provide the Buyer with a financial compensation in the form of a refund.

**SEVEN SPORT s.r.o.**

Registered Office: Borivojova 35/878, 130 00 Praha 3, Czech Republic  
Headquarters: Delnicka 957, 749 01 Vitkov, Czech Republic  
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**SK****INSPORTLINÉ s.r.o.**

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reklamacie@insportline.sk  
servis@insportline.sk  
Web: www.insportline.sk

Date of Sale:

Stamp and Signature of Seller: