

Manual

AIRSKIFF 17

Assembly instruction and
operating instructions



**COASTAL
ROWING**
FORCE

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1 Safety Instructions, Care and Storage

Rowing can be dangerous and physically demanding. Rowing can lead to dangerous situations developing that result in serious injury. The user of this product should have a basic understanding of the risks involved when rowing and be aware of consequences. Please observe the following safety standards when using this product:

- Get instruction on how to row.
- Get training in First Aid and take a First Aid kit with you.
- Always wear a life jacket or similar buoyancy aid.
- Never row alone.
- Wear clothing appropriate for the weather conditions. Cold water and/or cold weather can cause hypothermia.
- Check your equipment before each use for signs of wear or failure.
- Do not consume alcohol or take drugs before using this product.
- Do not go rowing if there is flooding.
- Watch out for the depth of the water, tide changes, dangerous currents and sudden weather changes.
- Explore waters you are not familiar with, with caution; carry the product if necessary.
- Do not exceed your rowing ability. Do not overestimate your capabilities.
- Consult your doctor before you start with rowing training.
- Follow the manufacturer's recommendations when using this product.
- If extra accessories are added to the boat/board, only use materials approved by the manufacturer; embarking or disembarking should remain unobstructed.
- Read the instruction manual before using this product.

Guidelines for Safe Use:

- Never leave your inflatable rowing board inflated to maximum pressure in direct sunlight for extended periods, as this could potentially lead to the board bursting.
- When not in use, release some air from the board and place it in the shade to prevent overheating. Intense sun exposure can cause the air inside to expand, resulting in increased pressure that could damage the board.
- Store your board horizontally and avoid contact with sharp objects.
- Since the board can experience a slight pressure loss even when fully inflated (due to temperature fluctuations), please ensure to inflate it to the recommended pressure before each use.

Care:

- Clean your rowing board after each use. Rinse it, especially after using it in saltwater, with fresh water and if necessary, mild soap. Avoid using harsh chemicals for cleaning. Ensure that no water enters the interior of the board.
- The repair kit includes patches for minor damage and a valve tightening tool. For major damages, please contact your dealer or the manufacturer. Occasionally, you might need to tighten the valve to prevent air leakage.

Storage Guidelines:

If you're not using the board for an extended period, follow these storage instructions:

- The ideal storage location is a cool and shaded area.
- If you have enough space, store it horizontally and slightly inflated.
- Alternatively, if space is limited, store it completely dry and loosely rolled, avoiding tight bends or folds.
Rolled up tightly, as described in the manual, is recommended only for backpack transport.

2 AIRSKIFF 17

2.1 Overview



- 1.....AIRSKIFF 17
- 2.....Fin 2.4" (6 cm)
- 3.....Fin 7.7" (19.5 cm)
- 4.....Transportstrap

- 5.....Repair-Kit
- 6.....Air pump with hose
- 7.....Windshield
- 8.....Backpack (Wheelbag)

2.2 Assembly AIRSKIFF 17

Step 1: Inserting the windshield

The windshield must be fitted before inflating the AIRSKIFF 17. First insert one side of the plastic cap into the corresponding tab on the boat. Bend the cap downwards so that the second side can also be inserted into the tab. Then bend the cap upwards again to tighten the material of the boat.



Step 2: Main Board Inflation

Before inflating the main board, take note of the correct position of the valve pin.

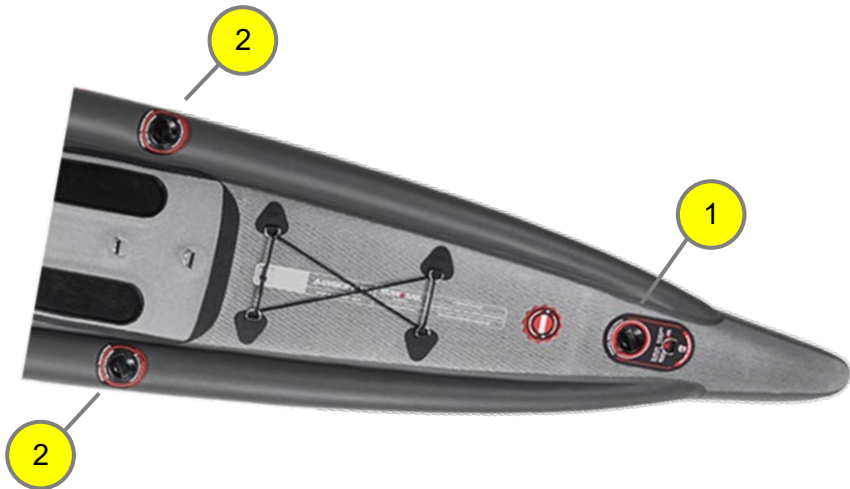
Valve pin facing upward: Inflate

Valve pin facing downward: Deflate

To switch between the two positions, press the pin.



Next, attach the pump's hose to the valve (1) by turning it clockwise, and inflate the main board up to a maximum pressure of 16 PSI (1.1 bar).



Step 3: Side Chamber Inflation

Subsequently, you can inflate the two side chambers (2) and (2) up to a pressure of 4 PSI (0.3 bar).

Step 4: Insert Fins

The large 7.7" fin is used at the back and the small 2.4" fin at the front of the board.

Slide the front pivot of the fin into the fin box and then slide it forward.



Fold back the fin into the finbox.



Lock the fin with the quick release lever.



Note:

Do not drag the board over the ground. Place it in the water to avoid damage. When the fin is inserted, make sure that it is not stressed by the weight of the board or other objects.

2.3 Roll up AIRSKIFF 17

Step 1: Deflate the board

After the air has been released from the board, the remaining air must be extracted with the air pump. First, the air is extracted from the main board. Then the air is extracted from the side chambers.



Step 2: Rolling up

Start rolling up the AIRSKIFF 17 at the front at the tip and roll it up from both sides to the center.





After rolling up the AIRSKIFF 17, place the transport strap around the rolled-up board and tighten the strap.

The AIRSKIFF 17 can now simply be packed into the backpack with the other accessories.



Note:

Make sure that the board is completely dry before folding it away. When you are deflating the board, use the pump to extract the air from it.

If the board is rolled up and packed when wet, it must be unpacked and rolled out again as soon as possible to dry completely.

3 Positioning the Rowing Skid on the AIRSKIFF 17

The AIRSKIFF 17 rowing board can be used only alone (with one rowing system).

Place the rowing system on the board's 4 long positioning pads. The position of the system can be adjusted individually by hooking into the front or rear two D-rings.



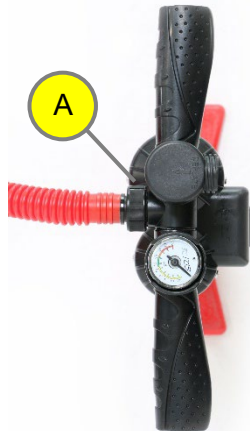
4 Accessories and other matters

4.1 Air pump

Air pump with triple action and deflate function, up to 21 psi (1.4 bar).

The air pressure in psi can be read on the built-in pressure gauge between the handles.

The hose can be attached to the air pump at 2 connections and removed again for transport.



Inflate:

Attach the hose to the front connector (A) of the pump. Connect the other end of the hose to the valve on the board. The air pump has two cylinders and can be operated in 3 steps using a rotary function:

Step 1:

Pumps the biggest volume. Both pistons supply air when pushed down and pulled out.

With step 1, the first psi can be pumped quickly into the board. When pumping gets exhausting, you switch to step 2.

Step 2:

Both pistons deliver air only when pushed down.

Step 3:

Generates the highest pressure. Only one piston delivers air when pushed down.

For inflation to the final end pressure of the board.



Deflate:

Before folding the AIRSKIFF 17, it is advisable to suck out the air.

Attach the hose to the rear connector (B) of the pump. The air can now be deflated with the pump.



4.2 Electric pump (option)

The electric pump can inflate up to a pressure of 20 psi (1.4 bar). It automatically switches between volume and pressure mode.

The pump has an inflation and deflate function.



The pump can be powered by a 12V car battery. Either use the cigarette lighter plug or connect the air pump directly to the car battery using the alligator clip adapter.

We also offer a compact battery (12V/10Ah) for the air pump. The battery is supplied with a 230V charger.

The electric pump is connected to the battery with the cigarette lighter plug.



Inflation operation:

- Connect the hose with the air pump inflation inlet (1).
- Install the other end of the hose into the valve of the AIRSKIFF 17.
- Plug the DC plug into the 12V DC socket.
- Press the pressure unit toggle button **PSI/BAR**, to select the unit you need.
- Press the pressurizing button + or decompressing button – to set the pressure value you need, with the range of the pressure value from 0 to 20 PSI.
- After finishing the above steps, press the **power switch button** to start to inflate.
- During the inflating process, you can press the pressurizing button + or decompressing button – to increase or reduce the pressure value, press the pressure unit toggle button **PSI/BAR** to switch the unit, and press the **power switch button** to stop.
- When the pressure reaches the set value, the air pump will stop working automatically.
- After completing the inflation, pull out the DC plug from the 12V DC socket and take down the hose from the board.

Deflation operation

- Connect the hose with the air pump deflation outlet (2).
- Install the other end of the hose into the valve of the AIRSKIFF 17.
- Plug the DC plug into the 12V DC socket.
- Press the **power switch button** of air pump and start the deflation.
- When all the air is discharged, then the power can be turned off to stop the deflation.

Precautions

- The applied power source must be the 12V DC power source.
- Don't make the air pump work for more than 20 minutes, because that motor overheating may cause internal damage; and the air pump shall be fully cooled for 30 minutes after continuously working up to 20 minutes.

4.3 Securing the additional seat on the AIRSKIFF 17 (option)

Hook the snap hooks onto the D-rings on the board. Tighten all four straps evenly to adjust and secure the backrest.



4.4 Tying up & towing the AIRSKIFF 17

To enable the boat to be tied up or towed, there is a larger D-ring on the bow of the rudder boards and the AIRSKIFF 17.



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