



Oceanid™
WATER RESCUE CRAFT

RDC Handling and Use Instructions

Inflation

Each RDC includes 3 air fill valves, 3 pressure relief valves and an air fill manifold hose [AFM] to allow for fast inflation using a SCBA tank or other source of compressed air.

- Unfold the boat on a flat area where nothing will interfere with the inflation process.
- Remove the air fill valve caps located on the perimeter tubes [2] and the floor [1].
- Set the air release poppets to the closed position by twisting the small yellow knob a ½ turn in either direction and letting the plunger move up toward you.
- Attach the AFM to the 3 air fill valves by inserting the valve adapters into the fill valves and twisting them ¼ turn clockwise to lock them into position.
- Attach your air source to the input tube of the AFM.
- Fill the RDC with air at a rate that does not make the air fill valves vibrate, this should take about one minute for full inflation. Hold the SCBA securely during the inflation process.
- The RDC is filled to operational pressure when 1 or more of the pressure relief valves are discharging the excess air.
- When filling is complete, remove the AFM and replace the caps on the air fill valves.

Note- When inflating, the [closed] air fill valve poppets will open to let the air flow in. When you stop applying air, the poppets will close by spring tension. This allows for exact inflation to occur, preventing any leakage and allowing you to take your time while reinstalling the caps. The only time you should have the poppets open is for deflation and storage.

WARNING

DO NOT STORE THE RDC WITH THE FLOOR INFLATED!

The floor is designed to be inflated hundreds of times for training and rescue deployment. It is **NOT** designed to be left fully inflated for thousands of hours. Storing the RDC with the floor inflated will void the warranty.

Deflation and Folding

To deflate the RDC:

- Allow it to dry completely, then brush off sand, gravel or other debris.
- With the RDC lying flat on the ground, first deflate the floor and let it sag so that a long fold line is running down the center of the floor.
- Next, stand the RDC on its side with the fill valve side up and remove the air filler caps located on the perimeter tube.
- Set the air release plungers to the open position by pushing in on the plunger and twisting the small knob a ½ turn in either direction to lock it open.

- As the tubes become soft, push the top of the floor so that it begins to fold between the collapsing side tubes. Keep the tubes straight and stacked on top of each other. This will be easier if you do not vacuum the air out of the tubes or use excessive force to expel the air. With the tubes flat and the floor folded between them, fold both ends towards the center using the large side tube tow D rings as folding guide lines so that the final package is 6 layers deep. The folded size should be approximately 35"x 22"x 12".

Handling

If you need to move the RDC using winches or Z-drag setups, you are doing something wrong and could destroy the boat. The RDC has very little drag and can easily be handled by 2 people.

If you think there is a new use for the RDC, please ask us about it. We are experts in design, engineering and structural tolerances and wish to approve any potential new uses.

When deflated, the RDC is more susceptible to abrasion damage. It will have creases and points that are focal areas of excessive abrasion. **When deflated, carry, don't drag the boat.** The RDC is safest in its custom-made storage bag.

Storage

Store the RDC deflated and bagged. This will give you fast access, less chance of damage and will lengthen the life of the boat. Keep it in a dry area, out of direct sunlight. If you decide to store it inflated, keep it filled with enough air to give it shape without any internal air pressure. This practice will greatly extend the useable life of the RDC. **IMPORTANT!!! STORE THE RDC WITH THE FLOOR DEFLATED.**

Treatment & Maintenance

With a little respect, the RDC should last a decade or more. Here are some tips for longevity.

Store deflated and bagged, out of the sun.

Do not use armor-all on the RDC.

Remove oil, gas or chemicals from the boat immediately, and only with a mild detergent and warm water.

Do not carry more than about 400 lb. in the RDC when using as a litter or gear transport.

Do not move the RDC with winches or vehicles other than towing with a PWC, ATV or Snowmobile.