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airCap User Guide

Thank you for choosing airCap! The following information will help you get the most out of your purchase.

Warning!

Rafting and the use of other inflatable watercraft is inherently dangerous and should only be attempted by qualified individuals. Only operate your watercraft when it is in good condition and properly inflated. Always check and monitor your watercraft's inflation pressure with a second properly calibrated pressure gauge. Always wear a suitable personal flotation device when using your craft on the water.

Installation and Operation

airCap is designed to replace your watercraft's existing inflation valve cap.

Remove the existing cap and tether

- Unscrew the existing valve cap. When the tether is exposed, remove it from the valve body.
- On C7/D7 style valves this may be accomplished by inserting a small screwdriver under the black tether ring that rotates around the main valve body.

- Gently lever the screwdriver around the whole tether until it is free from the valve body.

Attach the airCap tether

- Stretch the airCap tether over the valve body. When properly installed, the tether should rotate freely around the valve body.

Inflate your watercraft

- Inflate your boat or SUP to proper pressure as specified by the manufacturer.

Insert the airCap

- Position the airCap with LCD facing out.
- Screw the airCap threads into the valve, making a seal with the valve body. The make-before-break seal is designed to prevent air from leaving your inflatable while the airCap is inserted. Because of this, when inserting the cap, press the cap straight into the valve and turn. More force will be required than is needed for the original valve cap.
- Tighten the airCap until no air leaks from the inflation valve.

Operation

- airCap will display the inflation pressure whenever a suitable light source is present.

Over Pressure Alarm

- A mark exists on the front of the airCap indicating whether it is equipped with an over pressure alarm.
- A check box on the product packaging indicates the pressure range for the over pressure alarm; 2.5 to 9 psi or 3.5 to 9 psi.
- If equipped, your airCap will emit an audible warning when the lower end of the over pressure alarm range is reached (2.5 psi or 3.5 psi).
- The alarm will stop if the pressure exceeds the upper end of the over pressure alarm range (9 psi), allowing airCap to be used on high pressure SUPs.

- If the alarm sounds, release pressure from your watercraft to prevent damage.
- Direct sunlight is required for operation of the optional over pressure alarm.

Low Light Conditions

- airCap will operate in most light conditions, even when it is cloudy or overcast.
- If it is necessary to operate airCap after dark, a headlamp or flashlight will provide enough light to power your airCap.

Pressure Range

- airCap will read to pressures of 20 psi (138 kPa, 1.38 Bar).
- Above this pressure, airCap displays “OP” to alert the user that the watercraft is over pressure.
- Operation in over pressure condition is not recommended and could damage your airCap and watercraft.

Cleaning and Maintenance

- Clean your airCap only with mild soap and water. Do not apply solvents to airCap.
- If watercraft repairs are to be made, it is best to remove airCap for storage in a safe location before the procedure.
- Avoid abrasive surfaces contacting your airCap, especially on the lens.
- airCap can be left attached to your watercraft or removed when the watercraft is in storage.

Experience Together



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