

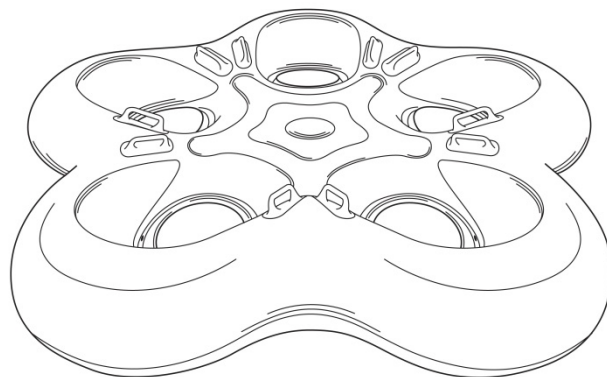
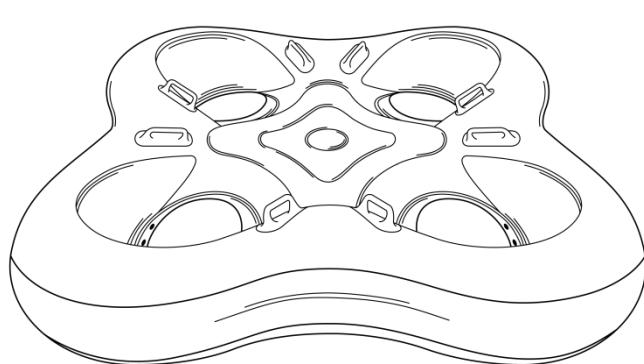
Low CG Waterpark Rafts

Models:

LCGX 4P 94 (Item #WP-1046)

LCGX 5P 102 (Item #WP-1049)

LCGX 6P 108 (Item #WP-1052)



NOTE: 6 person model not shown.

Set Up, Operation and Maintenance



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SET UP

Screw main valve body tightly into the base cup of the main air chamber.



1. Inflate main air chamber of the raft.

Recommended operating pressure = 0.5 psi- 0.7 psi.

Use digital gauge (RAVE Sports Item #02809) to check pressure.

Install tamper resistant cap so it is tight. Use a coin or other tool in top slot to tighten. This will help prevent users from opening the valve cap.



IMPORTANT: This cap must be in place in order to ensure an air-tight seal.

2. Inflate center air chamber of the raft until firm (approx. 0.5-0.7psi).

Quickly insert the plastic plug into the valve and depress entire valve to the recessed position.



UNDERSTANDING AIR TEMPERATURES

It is important to understand that the air pressure in the raft will fluctuate depending on air and water temperatures. Heat causes air to expand while cooler temperature causes air to condense.

When a raft is first inflated, the air going into it will likely be warm. Let the product acclimate to the cooler water or outside temperature and add or remove air, if necessary, to achieve the proper operating pressure.

Likewise, in the late afternoon as the temperatures rise, the air inside the raft will expand. On very hot days, you may need to release some air to prevent damage due to over-pressure.

NOTE: Vehicles with prolonged exposure to hot sun may experience a softening of the PVC material. This will cause the material to stretch more easily and the air pressure inside to drop. Do NOT continue to add air in this situation or you will result in an over-stretched product, potentially causing conveyor jams.

Add or release air accordingly throughout the day as temperatures change to maintain proper firmness during use.

SET THE RAFT INTO THE WATER

CAUTION: To prevent product damage, always use minimum of TWO people to carry the product and set it in the water. Do not drag on the ground.

PROPER LOADING AND USE

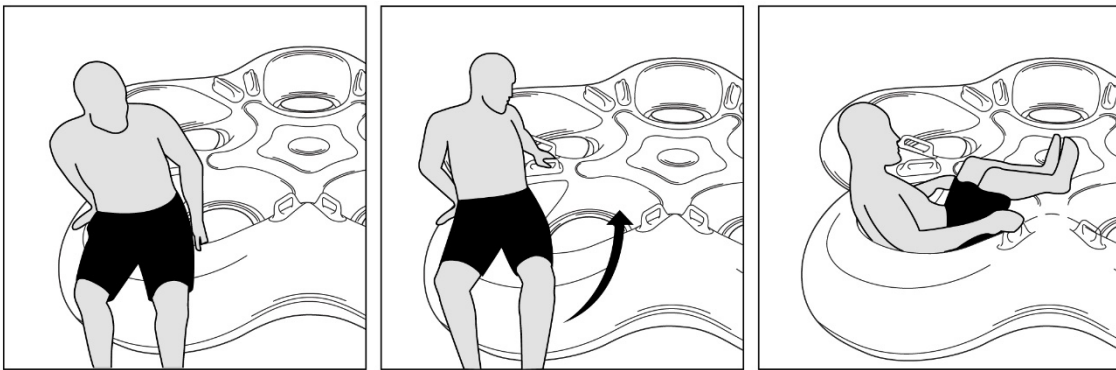
For use only on waterslides approved by the slide manufacturer. Do not use for any other purpose.

Maximum capacity = 4 persons on 4-seat vehicle
 5 persons on 5-seat vehicle
 6 persons on 6-seat vehicle

Weight capacity = Refer to slide manufacturer's recommendations, limits and proper weight distribution when loading passengers.

ENTERING THE RAFT

Standing in entry pool, sit down onto the side of the seat, reach across to grab onto the handle and rotate body around to slide into the seat. **DO NOT ATTEMPT TO STEP INTO THE SEAT AREA** as this can damage the raft.



Place feet straight forward with knees bent and ankles resting on the center portion of the raft. Riders' legs should crisscross each other in the center of the raft.

WARNING

**UNSAFE USE OF THIS PRODUCT CAN RESULT
IN PERSONAL INJURY OR DEATH.**

To reduce the risk of injury, use only in a seated position. Do not stand, kneel or ride in any other manner.

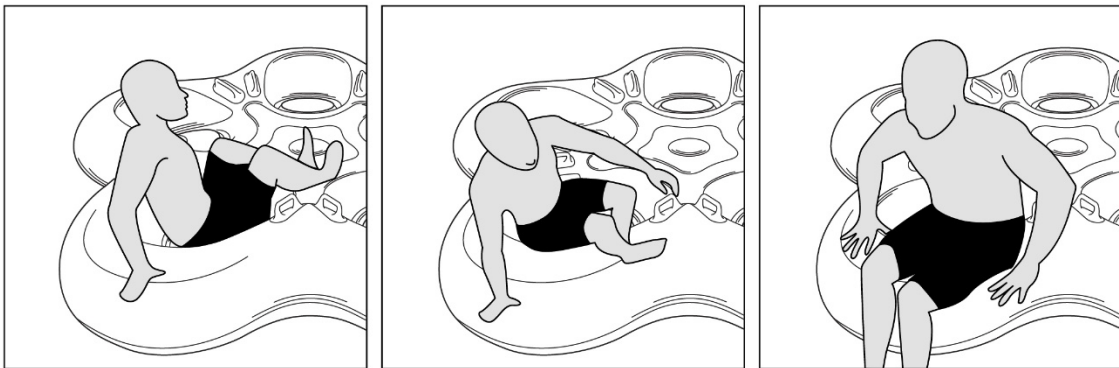
SAFETY RULES AND INFORMATION

- Wait for slide attendant's approval before starting down the slide.
- Always hold on tightly with both hands (one on each handle).
- Follow slide manufacturers recommended dispatch rate for the particular slide being used. More frequent dispatches may result in collisions and potentially serious injury.
- After coming to a stop in the landing pool, exit the raft and pool as quickly as possible to avoid any possible collision by the next vehicle and riders.

EXITING THE RAFT

To exit the raft, press body upward, rotate legs around to the outside of the raft and drop into the exit pool feet first.

Avoid stepping in the seat area and avoid flipping out of the raft head-first.



Exit the landing pool as quickly as possible in the direction noted by the slide attendant.

INSPECTION PROCEDURES

Inspect each raft routinely for wear/tear or damage. Do not use if damaged.

Daily Inspection (before use)

- Check for proper inflation pressure of main chamber (0.5-0.7 psi).
- Check that the center air chamber is firm.
- Check all handles for signs of wear/tear or damage. Remove raft from service if any signs of damage.
- Check seat floors (both top and bottom side of raft) for any signs of damage, holes or the floor tearing away from the inflated vehicle. Remove from service if any signs of damage.
- Inspect valves. Remove from service if a valve plug or outer cap is damaged or missing.

IMPORTANT: Rafts pulled from service during daily inspections should be stored in a secure area where park patrons cannot inadvertently access and use them. Rafts should not be placed into service until they are properly repaired and deemed fit for use.

Daily Inspection (during use)

- Watch for rafts that appear to be losing air (getting soft). This is easy to spot visually as wrinkles or crease lines will typically be visible. Also, watch for buckling or sluggishness as the rafts exit the slide into the landing pool. A properly inflated raft should glide smoothly across the water when entering the landing pool. A quick check with your hand will determine if the raft is firmly inflated or not. If it is found to be soft and suspected of losing air, set aside for inspection and re-inflation.
- Check for signs of over-inflation. Watch for signs of abnormal bulging or appear to be excessively firm. This can be caused by the expansion of air in hot sun. Release some air pressure in the raft if necessary. Check with inflation gauge to ensure proper operating pressure. Remove from service if unsure of the problem or if the problem cannot be quickly corrected.
- Observe and listen to rider comments at end of each ride. Follow up and take action on any negative comments heard.

Monthly Inspection/Maintenance

- Check all items from the daily inspection checklist.
- Check for signs of mold/mildew, excess body oils/lotions or other contaminants. Clean, if necessary, before use. Use mild soap/water or contact RAVE Sports for other available cleaners. Do NOT use petroleum based cleaners or solvents as they will dry out and damage the inflatable material.
- Rafts pulled from service should be stored in a deflated condition and marked as defective. Park maintenance staff can determine the appropriate methodology for marking.

- Rafts pulled from service should be thoroughly inspected and determination made for repair or disposal.
- Raft not maintaining proper air pressure- Check the valves first to ensure all caps are properly installed and there is no leakage from a valve. Re-inflate to proper pressure, let sit one hour and check pressure again. If raft is still losing air, depress into a pool of water or apply soapy water to find source of leakage. Air leakage will show up as air bubbles escaping from the inflated material. Mark source of leakage. If leak is tight along a weld seam, there is no good way to patch it and the raft should be discarded.
- Patching small holes/punctures -
 - Completely deflate the product.
 - Thoroughly clean area around the hole and wipe with isopropyl alcohol to remove any film or oily residue.
 - Cut a piece of Tear Aid™ patch material at least 3/4" larger than the hole. Round or oval shaped patches are best. Peel backer from patch and apply over hole.
 - Using a dull, hard tool and working from the center to the outer edges, rub out any air bubbles between the patch and the inflatable.
 - Let sit one hour before re-inflating and using.

3" x 6" Tear Aid™ clear patch material:



Item #20100- *order from RAVE Sports at ravesports.com*

Document Version Control

<u>REV</u>	<u>Date of Revision</u>	<u>Desc of Revision</u>	<u>By</u>
0	December 2019	Original Release	TP
1	June 2020	Included 6P LCG (WP-1052)	TD
2	November 2022	Removed Max Individual Rider Weight limit (p. 4)	TP
3	July 2023	Updated logos	TD



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