



# Inflatable Ride Operator's Manual

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# Inflatable Ride Operator's Manual

## **Important:**

1. Read and understand these instructions prior to set up and use.
2. Instructions must be followed to avoid serious injury or death.
3. Consult your local or state government for additional requirements.
4. This is an electrically operated product. Refer to the blower manufacturer's safety and operational instruction.
5. Anchoring this inflatable device is critical to the safety of its users.
6. Supervision of this inflatable is critical to the safety of its users.
7. Maintenance of this inflatable is critical to the safety of its users.
8. Save these instructions for future reference and make them available for reference to anyone who will be operating the game.
9. The operator is ultimately responsible for the safe operation of ride.

**Contact Elite Inflatables with questions regarding the safe operation.**

## **1. Prior to set up or installation**

1. Read and understand game instructions prior to set up and use.
2. Consult your local or state government for additional requirements.
3. Confirm that all the required components for safe set up and operation are at hand.

## **2. Environmental Conditions**

1. Do not set up or operate inflatable in winds above 20 m.p.h.
2. Do not set up or operate inflatable in inclement weather.
3. Do not set up or operate inflatable in severe weather.
4. Do not set up or operate inflatable in extreme high temperatures.
5. Select a level area to set up the inflatable.
6. For set ups other than grass or carpet, make sure the set up area is level and swept clean and free of all debris and use a protective ground tarp.
7. Set up inflatable a safe distance away from obstructions that could damage or interfere with the safe operation of the inflatable. Set up inflatable a minimum of 5 ft away from obstructions such as, but not limited to: water, trees and shrubs, buildings, walls, and other structures.
8. Do not set up the inflatable within 15 ft of overhead utility wires
9. Ensure there are no underground irrigation pipes or other utilities that the property owner has installed in the area of the stakes.
10. Keep the front of the Inflatable Game clear and accessible at all times.

## **3. Set Up: Site Selection**

1. Look over the inflation site in advance.
2. At a minimum, the installation area must be as large as the square of the inflatable tallest dimension. Extra room is ideal.
3. Check for obstacles, especially overhead, that might interfere with the inflation process such as power lines, fences, or tree branches.
4. Make sure that there are enough stable and solid points to tie down; that there is electrical power; and that there is a way to get the inflatable to the site.
5. Use of a protective tarp is recommended.
6. Cover all sharp edges and objects that could damage your inflatable during inflation or deflation.
7. Place your ground cover sheet over the site where you want the Inflatable Game to stand.

8. Keep the front of the Inflatable Game clear and accessible at all times.

## **4. Set up: Unpacking**

1. Place the base of the inflatable on the center of the ground tarp and face the inflatable in the best viewing position.
2. The front is normally opposite the blower vent on Inflatables.
3. Unroll and position the Inflatable Game on the ground liner with the inflation tube located to the rear of the Game. Note: If rolled up properly, the rear of the Game is the end where you start unrolling.
4. Inflatables weigh in excess of 200 lbs. Use caution when lifting and moving to prevent injuries.

## **5. Set Up: Anchoring**

1. Stake and anchor the inflatable game following the attached anchoring and tethering instructions.
2. Specific anchoring instructions exist for indoor location installation.
3. Before staking into the ground, obtain marking and location of all underground utilities, irrigation pipes, electrical wires, gas lines, or telephone cables.
4. Use at least one anchoring stake for every ground level anchor point provided on the inflatable.
5. For Inflatables over 12 ft tall, use a minimum of 18 inch long metal stake, or appropriate sized metal stake for the ride.
6. Tie only to stable, solid tie down points.
7. Never tie down to anything you can move yourself.
8. Stake the Inflatable Game down before inflation.
9. Be sure the stake heads are away from the Game to avoid abrasion or nicking while hammering stakes.
10. When staking is not possible alternative anchoring must be used. (Consult the anchoring instructions or contact the manufacture)
11. Inspect anchoring devices every hour during use of inflatable.
12. Make sure anchoring devices are positioned so that they do not scrape or puncture the inflatable.
13. Tethers should be placed at a distance equal to the height of the tether point on the game that is not greater than 45 degrees.

## **6. Set up: Blowers & Power**

- 1. Refer to the blower manufacturer's safety and operational instruction.**
2. Locate a power source within reach of the appropriate extension cord. **Consult blower manufacturer recommendation.**
3. Mark the circuit breaker so it will not be turned off accidentally.
4. Make sure any electrical connection points are above water level to prevent shorting out the electrical system in case of heavy rain.
5. Do not place extension cord in a pathway or any other area where it can become a tripping hazard.
6. Locate the inflation fan (Blower) in an area that is not in a direct pathway to the Game if possible.
7. Be sure the Blower Fan is on a flat and dry surface.
8. Connect the Blower Fan cone to the Inflation Tube. Most Games have two Inflation Tubes. Use the one that is most convenient, or will cause the least amount of obstruction.
9. Plug the extension cord, if required, into the power source.
10. Each blower should have its own breaker and/or power source as a safety backup.
11. Locate the on/off switch (if applicable) on the Blower Fan and turn it on.

## **7. Set Up: Inflating**

1. Observe the inflation of the Game as it rises and watch for any overhead obstacles.
1. Check the Inflation Tube to make sure it is properly attached to the Blower Fan cone.
2. Once inflated, check the Game for any rips, tears, holes, or damaged seams.

3. When properly inflated, all areas of the Game will become pressurized and firm.

## **8. Operation: Pre-operation Checklist**

1. Weather conditions are safe for the operation of the inflatable.
2. The game vinyl surface is clean and free of damage or tears.
3. The seams and mesh are free of damage or tears.
4. The anchoring points attached to the game are in good condition.
5. The entry/exits are clear of obstructions.
6. The warning signs are visible.
7. The game passageways are clear and unobstructed.
8. The internal air pressure is sufficient to give firm footing.
9. There is no debris or sharp objects in or around the game.
10. The tethers points and tethers are intact and securely connected.
11. The inflatable is clear of any overhead obstructions.
12. The blower is clean without damage or bare wires.
13. No unusual sounds are coming from the blower.

## **9. Operation: General Rules**

1. Cease operation in winds in excess of 20 m.p.h.
2. Cease operation in stormy or severe weather.
3. Do not operate game in total darkness.
4. Check the Blower Fan/Inflation tube regularly to ensure there isn't any air leakage around fan cone.
5. Check stakes and tethers every hour to ensure they are tight.
6. Observe maximum occupancy rules for that Game.
7. **IMPORTANT:** If power should go off during the time that participants are on a game, the product may deflate rapidly. Ask all occupants to immediately sit down, then a responsible game Attendant should direct the evacuation of all game Participants

## **10. Operation: Supervision**

1. All operators must have read and understand the instructions in this manual and receive training by their supervisors prior to the operation of the game.
2. Training and instruction of the attendant or operator on the operation of this ride of must be documented by their supervisors.
3. Supervision by an attendant is required at all times.
4. Do not allow riders without the proper supervision present.
5. Confirm the number of attendants required for the ride.
6. Make all riders aware of safety rules.
7. Operator should make sure that no one enters the Game with shoes on, eyeglasses, or sharp objects in their hair, clothing or on their person.
8. No Flips, somersaults, diving, rough play, or running.
9. Do not allow food or drinks into the inflatable
10. Do not allow animals into the inflatable
11. Operator should point out and make participants aware of the posted warning and safety rules.
12. Operator should remove any debris from the area prior to allowing participants on the inflatable game.
13. Operator should observe persons at all times while they are on an inflatable game. Operator should be close enough to be able to warn against improper behavior
14. Operator should ask anyone doing these things, after being warned once, to exit the Game.
15. Operator should watch for signs of deflation such as sagging, excessive wrinkling, or distortion. If these are observed, they should ask participants to exit the Game safely and remain calm, as there is no danger.
16. Operator should keep all spectators outside the Game and maintain at least a 2-foot perimeter away from it.
17. Operator must be familiar with all State and Local guidelines pertaining to the use and operation of Inflatable Games in their area.

## **11. Operation: Riders**

1. Do not allow riders with current or previous physical conditions or ailments including, but not limited to: current or previous back or

- neck injuries, severe respiratory conditions, heart or circulatory conditions, chronic knee or joint conditions, or pregnancy.
2. Riders with mental or physical impairments may require supervision and or assistance specific to their condition.
  3. Only similar age groups should play together. Do not mix age groups. Riders should all be of compatible age and size.

## **12. Take Down: Before Deflation**

1. Clean and dry Game (See cleaning instructions below)  
Be sure there is a quality broom or air blower available to sweep the Game surface free of any debris. Check to make sure that no sharp objects have fallen into the seams of the Game, i.e. pens, pencils, etc. Items such as these can cause damage to the Game during the rolling up process.
2. Inspect for any damage and repair as necessary.
3. Before breaking down any Game, you should remove all accessories that may be applicable to that Game. This may include items such as harnesses, backing plates, bungee cords, etc... Buckle any plastic snaps to reduce the possibility of entanglement in the mesh.
4. Do not allow any persons near the rear of the Game or near the electric Blower Fan at any time.

## **13. Deflation**

1. Unplug the electric Blower Fan at the power source.
2. Loosen inflation tube strap and remove the tube from the Blower Fan cone. Make sure the tube is pulled away from the fan and straightened, so it can be used allowing air to escape during deflation.
3. Open and secure any deflation flaps on the Inflatable Game.  
Allow the Game to drop in a natural state. An Inflatable Game will take between 5-15 minutes to completely deflate.
4. Walls may have a tendency to fall outward. These will need to be repositioned back towards the middle of the Game before folding.
5. Fold the Game into thirds, one side at a time. Walk down each side and straighten out the fold where necessary. Once you make the folds you will notice that there is air still inside the Game. Start at

the front and walk in stocking feet towards the rear of the Game to push out and remove any remaining air.

6. When completed, the Game should be approximately 3-4 feet (depending on game type) in width x the length of the Game.
7. Game Roll - Before rolling, make sure at least one of the Inflation Tubes is extended from the Game to allow any remaining air to escape. Air will be forced out as the Game is rolled. Remember that inflation/deflation tubes will eventually need to be tucked inward.
8. Flatten end tightly and roll the Game as you would a sleeping bag, keeping outside edges even. Roll the Game all the way and cover any metal rings, buckles and snaps to prevent abrasion to the play area and surface of the Inflatable Game.
9. The finished roll will be very heavy and a game strap should be used to secure the roll once complete. Place strap ends between the metal buckles and the game surface to reduce abrasions to the Game while in transport and storage.
10. Stand Game up on its end, placing storage bag over it and cover. Work Game Bag down to bottom, then stand it on the opposite end and close the bag.
11. Larger Units will use a Game Wrap that the Inflatable Game can be easily rolled onto. Game Wrap panels are then pulled over the Game and secured with ties.
12. The Inflatable Game is now ready for proper storage and you are ready for your next event.

## **14. Cleaning**

1. Do not use chlorine based cleanser or bleach to clean an Inflatable Game, as this may damage the threaded seams and fire resistance of the vinyl.
2. Use water and/or an approved cleanser sparingly by “sponging” it onto the Game surface. Excessive water may penetrate the seams and collect inside the Game causing mildew and unwanted odors to occur.
3. Blowing air through a Game will help dry the interior. Baking soda will help remove mildew and odors.
4. Never roll up or pack a Game while damp, unless you plan to dry it that same day before storage.

## **15. Maintenance: Daily Inspection**

1. Clean and dry the inflatable unit after each use.
2. Make sure the interior is clean and free of debris
3. Check that vinyl panels are clean and free of holes and stains.
4. Internal air pressure is sufficient to give firm footing.
5. Inspect anchoring and tether points are functioning and free of damage.

## **16. Maintenance: Weekly Inspection**

1. Check that vinyl panels are clean and free of holes and stains.
2. Inspect seams for holes, tears or broken threads.
3. Check that mesh window panels are intact and free of holes or damage.
4. Inspect anchoring and tether points are functioning and free of damage.
5. Internal air pressure is sufficient to give firm footing.
6. Passageways are free of obstructions.
7. Ropes and footholds are securely attached.
8. Warning signs are clear and visible.
9. Entrance and exits are secure and free from damage
10. Accessories and covers are intact and free of damage

## **17. Repair**

1. Holes and tears up to 12 inches can repairs with patch material and vinyl glue provided with the inflatable game.
2. Cut a patch that is 3 inched larger, on all sides than the cut or tear.  
Cut the patch material in a round or oval shape.
3. Clean the area around the hole or tear and let dry.

4. Apply a liberal amount of glue to both the patch material and the tear area.
5. Let the glue stand for three minutes.
6. Place the patch over the damaged area and press firmly make sure that the all of the patch material is in contact with the vinyl around the damaged area.
7. Applying weight to the patch will enhance the integrity of the repair and allowing the glue to cure for several hours is best.

**Contact Vertical Reality MFG with questions regarding the operation of your inflatable game.**