



Safety & Operating Instructions

A.) Safety Rules:

A warning Sign is attached to the front of each inflatable device. All rules should be followed for all participants' safety. The following rules MUST be followed by ALL participants at ALL times:

- Supervision by a qualified, mature and responsible adult attendant is required at ALL times.
- The ride MUST be securely tied down. (See operating instructions (dossier) of this document).
- Do not put fingers/hands into the fan intake or outlet or into fan motor/housing when running.
- Do not use and IMMEDIATELY deflate the ride if there is thunder, lightening, rain or/and winds of 25 Km/Hr. or more.
- No food, drinks, gum, pets or silly string is allowed on the inflatable.
- Shoes, eyeglasses, jewellery and any sharp object are not allowed on the inflatable.
- Somersaults, diving, wrestling, rough play of any kind and flips are PROHIBITED
- Play at a safe distance from others and away from the sides and entrances and exits.
- Do not jump onto or off of the inflatable. Including NO jumping on the entrance step.
- Children/Adults MUST ONLY go Feet first down the slide and only one rider at a time is allowed to slide down each lane of the slide.
- No climbing up the slide the wrong way. No jumping onto the slide area.
- If power should go off during the operation while children or adults are in the inflatable than the attendant shall immediately instruct the occupants to calmly exit the inflatable and wait for power to resume than inflate the inflatable again and allow occupants to enter ONLY after COMPLETELY inflated.
- Only children of comparable size and age should be on the device at the same time.
- No riders should be allowed on a partially inflated unit.
- If the inflatable seems to be suddenly softer and not as bouncy than exit all occupants in a calm manner and then check that the intake of the blower fan has not become blocked by anything i.e. garbage, clothes, branches etc. Immediately turn off the blower and remove anything blocking the intake fan and then put on again.
- All inflatables should be securely anchored and fully inflated before any riders are allowed to enter and inspected periodically so to ensure that all anchors are secure.
- Under no circumstances is climbing on the exterior of the inflatable allowed.
- Rider height requirements: minimum and maximum heights should be followed at all times. The minimum and maximum heights are clearly outlined on the Warning Sign on the front of the inflatable and should be strictly followed by the attendant.
- Remember to have all occupants obey all of these rules, play safe and have FUN!!

B) Daily Safety Inspection Checks:

- 1.01 Inspect blower to ensure that there are no loose or missing screws and bolts. Ensure that all cords and wirings are intact and not damaged. Ensure that protective cover is in place, properly attached and not damaged.
 - 1.02 Inspect bounce to ensure that there are no holes in the fabric, damage to mesh, and that metal anchoring loops or anchoring straps are not damaged.
 - 1.03 All extension cords and straps should be placed in such a manner that no one can trip on them.
 - 1.04 No electrical cords should run through puddles or near a pool. Inspect any extension cords for damage. Ensure that all pins are secure to plug and not loose. Ensure that there are no cuts or damage to the cord.
 - 1.05 Record and report any damage on the device inspection report form. If there are any holes or tears in the fabric ensure that they are repaired and tested prior to use. Discard or repair any damaged extension cords prior to use.
 - 1.06 If the use of a power generator is required, it must be located a minimum of 10 feet from the blowers and the inflatable device. If possible locate the generator downwind from the inflatable so that exhaust fumes do not flow towards the inflatable. Before using, check the generator to ensure the gas tank is full and oil levels are correct.
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C) Blower Instructions:

Blower Operation:

- 1.01 Place the blower in the desired area pointing towards the inflatable. Place the blower on a stable surface.
- 1.02 Attach the inflation tube around the exhaust opening by means of a strap. Cinch the strap tightly, being sure that it has gripped the blower behind the raised portion of the exhaust, to assure the inflation tube is correctly and solidly attached.
- 1.03 Plug the cord into a grounded outlet or extension cord that has been grounded through a GFCI. Turn on the power switch.

Blower Electrical Safety Info:

- 2.01 The fan blower specifications are as follows: Hi Output Blower with 1.0hp, 1.5hp or 2.0 hp. The blower must be Canadian complaint with an acceptable marking such as ESA, CETL or CUL.
- 2.02 Do not use blower in standing water. Even though the blower may be described as weather resistant, do not run blower when there is a chance of getting the motor and wiring wet or damp. If blower gets wet, tip the blower to drain water out of the drain holes. Once water is drained, allow blower to dry thoroughly before resuming operation.
- 2.03 Keep children away from blower while plugged in and / or in operation.
- 2.04 Ensure that the power source is sufficient for the power requirements of the blower.
- 2.05 Do not look into the discharge outlet of the blower. Foreign objects may become dangerous projectiles.
- 2.06 This blower is to be operated only with the proper safety guards in place to prevent persons and objects from contacting the revolving blower wheel. Any other use voids the warranty and creates unsafe conditions.
- 2.07 Do not insert foreign objects or body parts into the blower. Do not block, move, or tamper with the blower in any manner while it is in operation.

- 2.08 This blower must have backpressure to operate properly. In other words, an inflatable must be attached to the blower prior to turning on the blower.
 - 2.09 Do not position this blower where it can blow dust, dirt, or other objects at people in the airflow pattern.
 - 2.10 Do not use the blower in potentially dangerous locations such as inflammable, explosive, chemical laden environments.
 - 2.11 To avoid possibilities of damage to blower or problems with operation, place the blower on a smooth and level surface.
 - 2.12 Never operate the blower without safety guards in place. If guards are removed for servicing, then they must be replaced to the proper position before operation of the blower.
 - 2.13 Inspect the unit carefully before each use. If the unit appears to have damage, repair or replace before use.
 - 2.14 Power Cord Requirements: The power cord should be equipped with a three-prong plug that must be inserted into a matching receptacle. Do not remove or cut the ground prong off the plug.
 - 2.15 Extension Cords: Use the shortest possible length. When extension cords are used, ensure they are CUL listed for outdoor use and of the proper gauge and length. Extension cords up to 50 ft long should be min 14 gauge thickness. Cords that are up to 100 ft. in length should be min 12 gauge thickness. Do not kink cords or allow contact of oil, grease, moisture, chemicals, hot surfaces, or sharp and abrasive objects. Replace worn or damaged cords.
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D) Operating Instructions:

- 1.01 Select the area in which the inflatable will be inflated on.
- 1.02 Before setting up the inflatable, check and make sure to have at least a 4' clearance from overhead telephone wires, or any other utility wires, etc. Also, check the area for any ground obstructions such as protruding sprinklers, underground pipes, etc. Make certain that you pick a level area to set the inflatable on and not one that's hilly or slanted.
- 1.03 Select an area which is at least 6' larger than the inflatable's base, so that you will have a minimum 3" clearance on each side and overhead.
- 1.04 Connect air tube to the blower. If there is more than one air tube, choose the one closest to the power source and twist the other tube(s) several times, fold it over, and secure it with a strap. Check all tubes for snugness to make certain that no air is escaping and re-tie and re-connect, if necessary. Also, check the air intake on the side of the motor/blower for blockage.
- 1.05 You should carry a 50' long 12 gauge exterior UL-approved extension cord to accommodate longer distances to the electricity source. Always plug motor/blower into a 115-120V outlet with 15 amp or 20 amp circuits.
- 1.06 Check with the customer if the placement of the inflatable is satisfactory. If so, inflate the unit.
- 1.07 Connect required number of ground anchors and top tethers (if any) of the ride, as per the inflatable spec sheet, and drive each stake into the ground at a depth of 11"- 12" and at a 45° angle at all locations as provided per the inflatable spec sheet. If your unit has high-level tie-down straps (i.e. top tethers), they should be anchored 3-5 feet from ride. Remember to install the ground stakes at such distance from the inflatable device, so that the jumper straps connected to the shackle and anchor would be taut.
- 1.08 If the unit is on cement or any hard surface, Use sand bag or water bag pouches that can carry a minimum of 80 lbs tension load per anchor point. Connect the tie down loops to the sand or water bag pouches using nylon straps or carabiners.

E) Supervision & Specific Operating Details:

1.01 *For Inflatable Covered Bounce or Bounce House Combo:*

It requires 1 attendant to maintain the safe operation of this unit. The attendant should be stationed at the entrance to the bounce entrance door to control the order and manner in which participants enter and exit the unit. *Large combo devices* may require 2 attendants (if shown on inflatable spec sheet). One attendant stationed at the entrance to the device. The second attendant shall be located near the climb/slide area inside the device to control the manner in which participants use the slide.

So, for inflatable bounce houses and combos, the specific operating instructions are as follows:

- The attendant should maintain kids of the same age/size group in the inflatable at the same time.
- The attendant should make sure that no one enters the inflatable with shoes on, eyeglasses or sharp objects in their hair or clothing.
- The attendant should be warning participants against flips, wrestling, bouncing against side, grabbing net, jumping off or diving on the slide or bouncing too close to each other. The attendant should ask anyone doing these things, after being warned, to leave the inflatable immediately.

1.02 *For Inflatable Slides over 15 ft high:* It requires 2 attendants to maintain the safe operation of this unit. One attendant is stationed at the entrance of the inflatable amusement device to control the order and manner in which participants enter and exit the slide. A second attendant is stationed at the top slide platform to control the order and manner in which participants use the slide.

To summarize the particular operating instructions for *slides over 15' high* are as follows:

- Each participant must step onto unit and climb up the slide using both hands and feet.
- One attendant shall only allow one person to climb up the steps at a time.
- Once at the top slide platform, the second attendant must direct participants to position themselves correctly making sure to slide down feet first only. One person at a time in each lane!

For inflatable slides with water pool at bottom of the slide:

- A water garden hose shall be connected to the tie down loops provided on the slide sidewall of the device to bring the water hose all the way up the slide platform.
- One attendant shall fill-up the pool with clean water to a maximum level of 12".
- One attendant shall help participants to exit the pool as soon as they get to the bottom to avoid others sliding into them. Assist participants out of pool.

1.03 *For Inflatable Obstacle Courses:* It requires 2 attendants to maintain the safe operation of this unit. One attendant is stationed at the entrance of the inflatable amusement device to control the order and manner in which participants enter the unit. A second attendant is stationed close to the climb/slide section of the inflatable amusement to control the order and manner in which participants use the slide & exit the unit.

- If the obstacle courses consists of more than one section, the operator(s) must connect each section to the next section via velcro flap material found on the inflated floor going from one section to another. The operator shall connect ropes thru eyelets found on in floor of those sections.

1.04 *For Inflatable Devices with Bungee Cords Hookups (such as Bungee Run or Rapid Fire Bungee):* It requires 1 attendant to maintain the safe operation. The attendant shall be stationed at the entrance opening to the device to control the order and manner in which participants enter and exit.

- The attendant will feed the bungee rope through the opening at the back of each lane
- Attach the bungee rope to the assembly plate via provided carabiner
- The attendant should check if the bungee ropes are working correctly & the vest is fastened properly for all participants

F) Deflation Procedures

- 1.01 Before deflating any unit, make sure you remove any debris that may have been left behind. Check to make sure no objects have fallen inside of the unit, i.e. balls, pencils, hair clips, etc, as these items may cause damage to the unit during the rolling up process.
 - 1.02 Make sure there are no children inside or around the unit before you turn the switch off and unplug the blower.
 - 1.03 Disconnect the air tube from the blower and untie the second air tube. Let both air tubes stay parallel to each other so the air can escape freely.
 - 1.04 Open up all air deflation zippers located throughout the inflatable device.
 - 1.05 Remove all anchoring stakes or sand/water bags and put them away in a safe place.
 - 1.06 As the unit deflates, arrange the columns to fall on top of the base making sure the deflated unit is evenly spread out.
 - 1.07 Standing in front of the unit (entrance), fold the left side and the right side so they meet in the middle and then fold one side over the other.
 - 1.08 Roll the unit towards the air tubes and then tuck the air tubes into the roll.
 - 1.09 Secure the roll with each strap tied into a slip knot and dolly the unit into a dry area for storage.
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G) Dismantling procedures and guidelines:

- 1.01 Inspect the perimeter of the inflatable amusement to ensure there are no loose or sharp objects.
- 1.02 Inspect the inside of the inflatable amusement to ensure there are no loose objects
- 1.03 Inspect for any damage / repair that may be necessary.
- 1.04 Turn blower off.
- 1.05 Disconnect extension cord or power cord from the electrical outlet.
- 1.06 If using a generator disconnect extension cord and turn power off.
- 1.07 Disconnect blower from inlet tube. Make sure tube is pulled away from the inflatable and is straight so all the air is discharged.
- 1.08 Ensure that all air is discharged from the tube.
- 1.09 Roll up inflatable amusement toward inlet tubes to ensure that any excess air is discharged while rolling.
- 1.10 Strap inflatable amusement tightly.
- 1.11 Load inflatable amusement into truck in a safe manner.

H) Emergency Evacuation Procedures:

- 1.01 The Attendant, before operating the ride, must familiarize himself or herself with the inflatable ride's entrance/exit as well as escape hatches. In the unforeseeable event that power is interrupted and the ride begins to lose air, the Attendant should guide all the riders to calmly and orderly leave the ride via the entrance/exit.
 - 1.02 All rides that have roofs may feature a fully removable roof by Velcro. The Attendant may choose to have the riders exit the ride through these easily removable roof tops. All inflatable rides that do not have roofs offer the Attendant the alternative of allowing the riders to exit the ride through the wide openings around the unit.
 - 1.03 If the Attendant determines the weather conditions warrant closing down the ride or in the event of a power failure, the following procedure shall be observed:
 1. Stop riders from entering the device, including parents.
 2. Riders in the bouncer shall be told to leave through the entrance in an orderly manner, as rushing may intimidate smaller and more timid riders.
 3. Riders on the lower section of the climb shall be advised to climb back down and exit through the obstacles portion.
 4. Riders on the upper part of the climb and the slide itself shall be instructed to proceed to the slide & exit the normal way. Apply normal slide rules of one person on the slide at a time.
 5. Deflation time is approximately 30-45 seconds and riders may safely slide down and exit. Evacuation time is 30-45 seconds.
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I) Trouble-Shooting Guidelines:

<u>Problem</u>	<u>Causes & Corrective Action</u>
Inflatable Device is not inflating properly	Check for tears / rips in the inflatable. Repair as required. Check if air blower is connected and operate properly. Check that no deflation zippers are open. If so, close them.
Blower does not run.	Check cord or power outlet, OR, Check if circuit breaker tripped?
Defective motor/switch	Replace motor or switch
Fan runs slow	Too small power cord Use 10 or 12 gauge cords or Clean blower inlets
Poor air flow Restriction on air inlets	Clean inlets. Too long extension cord. Max is 100 ft.
Fan blows circuit breaker	Move closer to electrical outlet Or check if other appliances are connected to the same power outlet. Find another circuit or a higher rated circuit breaker
Noise fan, weak pressure	Fan spinning backwards. Turn off fan, grab air duct To prevent backflow and Switch on again after fan stops completely.
Scraping noise in blower	Blower wheel imbalanced. Replace blower wheel