

# N FLATABLES

Cutting-Edge Brand Inflatables

**Wacky, Princess, Unicorn  
Candy, Midway, Tropical  
Farm, Dino, Rainforest  
Gator, Construction, Pirate  
& Rocket KidZones**



The correct procedures for installing and operating of this inflatable unit.

Supplement Manual V3.2023 © 2023 Great Air, Inc. dba N-Flatables

**Wacky, Princess, Unicorn, Candy, Midway, Tropical, Farm, Dino, Rainforest, Gator, Construction & Pirate KidZones**

These Units Require (1) 1.5HP Blower(s) to Function Properly.  
CEC Suggests the following Blower Types:  
• High Volume Output ..... 1.5 hp; Minimum 1170 CFM

**\* Construction & Pirate KidZones**

These Units Require (2) 1.5HP Blower(s) to Function Properly.  
CEC Suggests the following Blower Types:  
• High Volume Output ..... 1.5 hp; Minimum 1170 CFM

1-Piece Unit includes: (1) removable slide lane, (1) removable climbing surface, (4) deflation zippers, tether kit: (4) bottom tethers, (2) impact mat D-rings, mattress reinforcement strips and carrying bag. Recommended load: (6) patrons over 34" tall, maximum height not to exceed 60" tall, 150 lbs. suggested maximum weight per patron.

KIDZONE WET/DRY COMBO IS DESIGNED TO BE BOTH A WATER SLIDE (WET) AND A REGULAR SLIDE (DRY). WHEN USING AS A DRY SLIDE, YOU MUST USE THE REMOVABLE DRY DRY LANE AND MAKE SURE THAT THE UNIT IS COMPLETELY DRY BEFORE USE, OR INJURIES MAY OCCUR.

When using this slide in conjunction with water, remove the wear covers after each use and thoroughly dry all surfaces before reinstalling the covers.

EXTENSION CORD REQUIREMENTS: 12/3 SJOW BLOWERS MUST BE CONNECTED TO A GFCI ELECTRICAL OUTLET.

All information included in this supplement is kept current and up-to-date. N-Flatables reserves the right to update this information from time to time as needed.

**! Safety Notice !**

All materials have been tested and comply to NFPA 701 Large Scale Test and the California Title 19 fire rating test. This Inflatable Amusement Device complies to the ASTM F2374-21 standards for safety, where applicable to the specific use of this Inflatable Device. Instruction Supplement and General Installation Manuals are included with this unit. Inflatable devices exposed to the elements can not be used by patrons while raining and or snowing, unless the device is specifically designed to be operated in those conditions. It is YOUR RESPONSIBILITY to read and follow these important instructions to prevent injury for your patrons using this device!

## KidZone™ Wet/Dry Combos

**Wacky #BC430201 ■ Candy #BC430101 ■ Midway #BC430501  
Princess #BC430601 ■ Tropical #BC430801 ■ Unicorn #BC480101  
Rainforest #BC430901 ■ Gator #BC431101 ■ Dino #BC431001  
Farm #BC431201 ■ Construction #BC431301 ■ Pirate #BC431401  
Rocket #BC431107 ■**

Congratulations on your purchase of the KidZone™ Wet/Dry Combo.

We know that you'll get many hours of excitement from your new purchase. Please read this booklet carefully, being sure to read all of the safety precautions and the do's and don'ts of the ride.

Remember to stake (tether) your inflatable as described in the "Installation and Setup" booklet, and be sure to have a minimum of (1) trained operator as defined in the booklet.

Once again, we thank you for doing business with us, and call us if you have any questions.




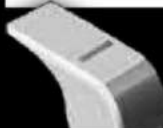








Sincerely,

N-Flatables / Cutting-Edge™ Brand Inflatables



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Mendota Heights, MN 55120

Toll Free 1-800-811-7002 • Local 651-209-8600 • Fax 651-925-0215  
www.cuttingedgecreations.com

Recommended Number of Installers	Number of Operators	Maximum Number of Patrons	
 1	 1	 6	
Suggested Max Weight per Patron 150 lbs.		Total Patron Weight (inside) 900 lbs.	
Use Whistle for Control			
Minimum & Maximum Height	No. of Stakes & Minimum Stake Length	Indoor Weight Container Anchors	Outdoor Hard-Surface Anchors*
34" Min.  60" Max. 	(4) 30" Long <small>(1" DIAMETER)</small> 95% Buried 	(4) 200 lbs.  50 lbs. Per Container	(4) 400 lbs.  100 lbs. Per Container
Number of Blowers	Number of Deflator Detection Devices	No. of ASTM Req. (Entrance & Exit) F355 Attenuation Mats	
 (1) 1.5 HP Blower *(2) 1.5 HP Blowers (not included)	 (1) *(2) Watchdog™ Series 2.0 (not included)	 (1) 4'x8' (0) 3'x4' (not included)	

\* All outdoor weight containers MAY NOT comply with all state or municipal tethering requirements for inflatable devices.

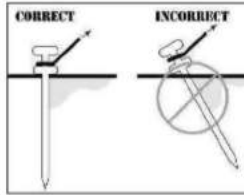
**! ALWAYS contact the utility company before pounding stakes into the ground! !**

## Staking Specifications:

Make sure that all stakes are securely pounded into the ground, burying 95% of the stake as shown in the diagram at right:

STAKES USED MUST BE A MINIMUM OF 1" DIAMETER AND A MINIMUM OF 18" LONG.

Safety glasses should be worn when pounding stakes to avoid potential injury!



## Use Impact Mat: Required!

NEW ASTM STANDARDS require the use of Impact Mats or impact-resistant flooring at ALL entrance and exits of inflatable devices.

Impact matting must be compliant with ASTM F2374-19 Test method F355 and labeled that testing has been performed per these requirements. Test require a missile drop test from 30" with a gMax not to exceed 100.



## Important Notice:

Specifications for Inflatable Devices may change based on reconfigurations that may be required for the proper use of an inflatable device. These changes may include, but not be limited to, the following:

- 1) Maximum Heights of Patrons.
- 2) Minimum Heights of Patrons.
- 3) Number of Patrons (on a device at one time).
- 4) Maximum Weight
- 5) Number Of Stakes
- 6) Size of Stakes
- 7) Number of Blowers
- 8) Overall physical dimensions of the device.

Any noted current changes made to any inflatable device will be updated on our website: <http://www.cuttingedgecreations.com>.

## Directions (Wet/Dry)

- Read instruction booklet.
- Remove unit from storage bag.
- Position on a level ground area approximately 24'6" x 22'.
- Install ground stakes, at least (4) around perimeter.
- Loosely tie tethers to ground stakes.
- Attach blower(s) to tubes, making sure Velcro strap is firmly secure.
- Close zippers & flaps on all locations of unit and make sure they are secure.
- Connect each blower to its own power source. Keep in mind that each blower used will require a constant supply of 110-volt, 20-amp power.

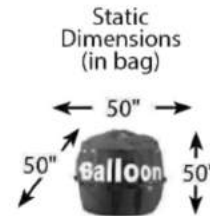
This device requires the use of a G.F.C.I device between the outlet and the blower system.

- When used wet, make sure water supply system is in place and attached properly to unit. Make sure unit is dry again before collapsing.
- Connect each blower to its own power source. Keep in mind that each blower used will require a constant supply of 110-volt, 20-amp power.
- Turn blower system on and guide the unit until it is fully inflated.
- Secure all tethers after the unit is fully inflated. To check proper inflation, operator must stand in center of inflatable surface checking that depression (Deflection) does not exceed 4" from level surface.
- Do a safety check of blowers, slide & climb covers.
- Do not operate this unit in winds in excess of 15 mph.

## NEVER LEAVE THIS RIDE UNATTENDED!

### KEY TO DIAGRAM

- B = Bottom Tether
- ENT = Entrance
- EXIT = Exit
- |||||▶ = Evacuation
- = Impact Mat
- ZIP = Deflation Zipper
- OP = Operator Position

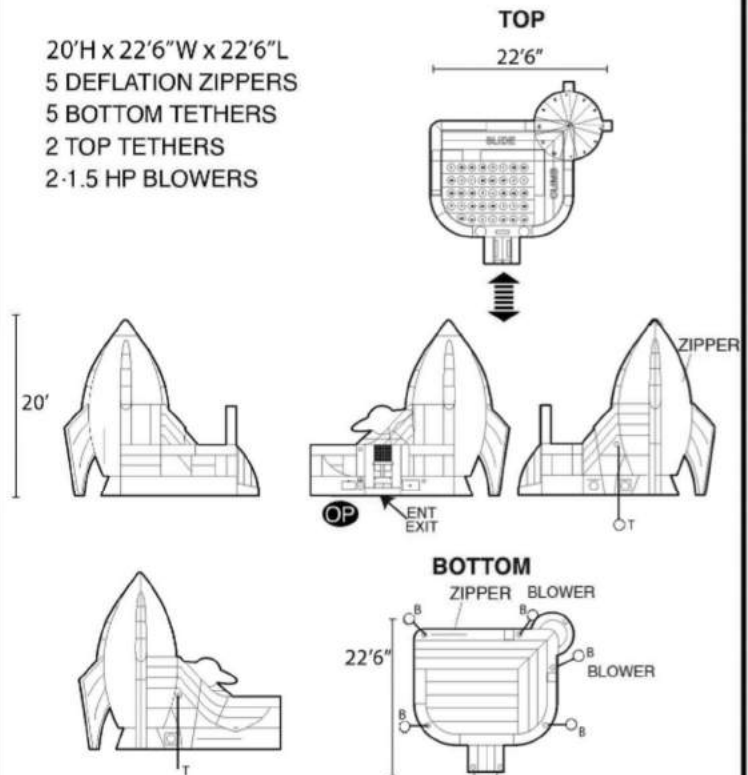


## ✓ DAILY INSPECTION CHECKLIST OF INFLATABLE

- Check to see if blower(s) is attached properly and securely to inflatable device.
- Make sure all deflation zippers are closed and secured.
- Check blower electric attachment to be sure it has been properly plugged in to receptacle.
- Make sure blower system has no obstruction restricting intake on sides of blower.
- Check inflation of unit to be sure it is properly inflated to correct firmness.
- Make adjustments to slide and climb covers if necessary to proper secure position.
- Covers need to be adjusted before each use to assure that all wrinkles are removed that could potentially cause injury. Also it is important to inspect all covers showing signs of wear are replaced before using this device.
- Make sure all tether points are attached properly.
- Check netted areas and sun covers to be sure they are in place and in good condition.
- Crawl through (if possible) inflated device and examine all visible seams for stretching or wear. If problems with any seams contact manufacturer to advise.
- Inspect the inflatable for loose stitching causing open seams, torn netting, worn holes in bottom or sides of unit. If found, cease use and repair immediately using supplied repair kit. Or if a hole or seam is open more than 1 - 2 inches, professionally repair using 207 polyester thread from a reputable inflatable repair center.

## ROCKET KIDZONE

20'H x 22'6"W x 22'6"L  
5 DEFLATION ZIPPERS  
5 BOTTOM TETHERS  
2 TOP TETHERS  
2-1.5 HP BLOWERS



POSITION STAKES ABOUT 3' FROM INFLATABLE.

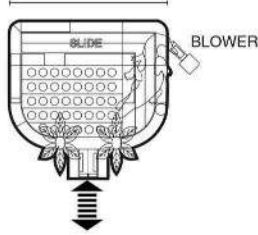
PLEASE REFER TO TETHER POINT LOCATIONS ON THIS TETHERING DIAGRAM.

DIAGRAMS ARE NOT TO SCALE.

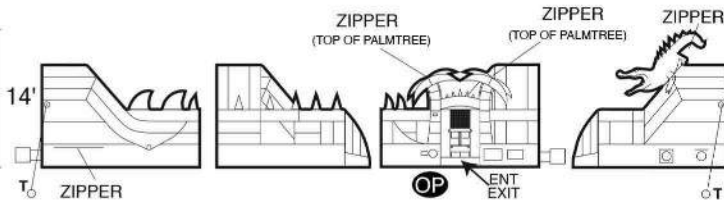
# GATOR KIDZONE

14'H X 16'W X 16'L  
 4 BOT TETHERS  
 2 TOP TETHERS  
 5 DEFLATION ZIPPERS  
 1-1.5 HP BLOWER

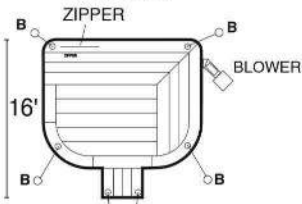
TOP  
 16'



BACK SIDE FRONT SIDE



BOTTOM



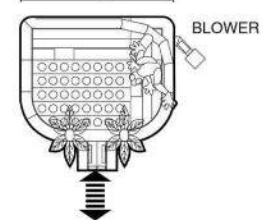
IMPACT MAT ATTACHMENT POINTS

POSITION STAKES ABOUT 3' FROM INFLATABLE. PLEASE REFER TO TETHER POINT LOCATIONS ON THIS TETHERING DIAGRAM. DIAGRAMS ARE NOT TO SCALE.

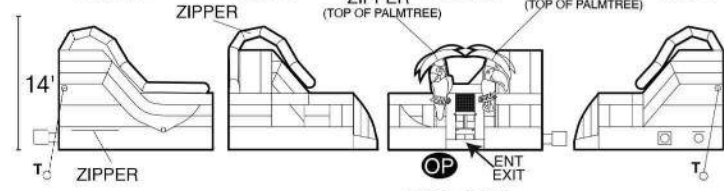
# RAINFOREST KIDZONE

14'H X 16'W X 16'L  
 4 BOT TETHERS  
 2 TOP TETHERS  
 5 DEFLATION ZIPPERS  
 1-1.5HP BLOWER

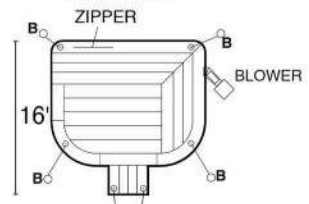
TOP  
 16'



BACK SIDE FRONT SIDE



BOTTOM



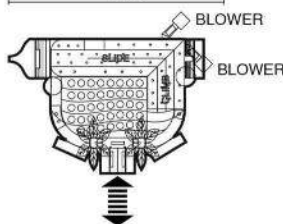
IMPACT MAT ATTACHMENT POINTS

POSITION STAKES ABOUT 3' FROM INFLATABLE. PLEASE REFER TO TETHER POINT LOCATIONS ON THIS TETHERING DIAGRAM. DIAGRAMS ARE NOT TO SCALE.

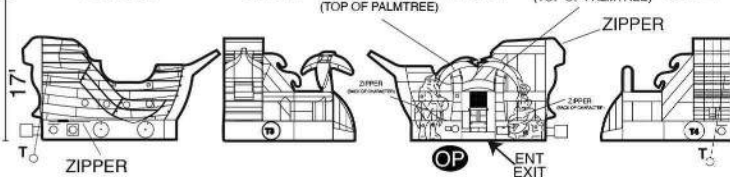
# PIRATE KIDZONE

17'H x 26'W x 18'L  
 7 DEFLATION ZIPPERS  
 2 TOP TETHERS  
 4 BOTTOM TETHERS  
 2-1.5HP BLOWERS

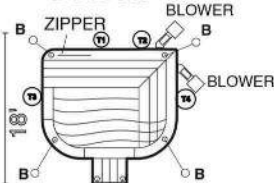
26'



BACK SIDE FRONT SIDE



BOTTOM



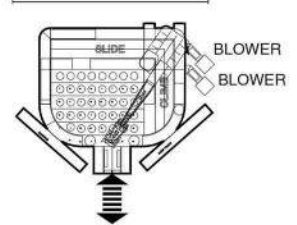
IMPACT MAT ATTACHMENT POINTS

POSITION STAKES ABOUT 3' FROM INFLATABLE. PLEASE REFER TO TETHER POINT LOCATIONS ON THIS TETHERING DIAGRAM. DIAGRAMS ARE NOT TO SCALE.

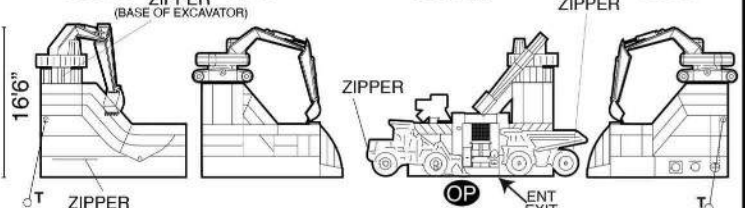
# CONSTRUCTION KIDZONE

16'6"H X 22'W X 16'6" L  
 5 DEFLATION ZIPPERS  
 4 BOTTOM TETHERS  
 2 TOP TETHERS  
 2-1.5 HP BLOWERS

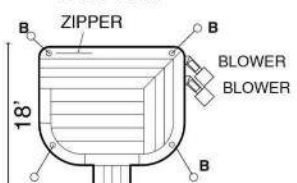
TOP  
 22'



BACK SIDE FRONT SIDE



BOTTOM

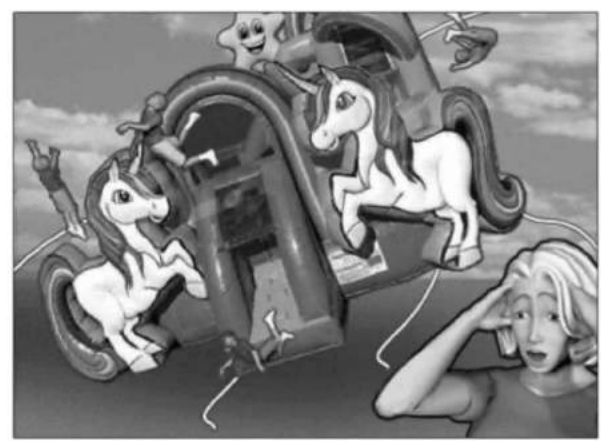


IMPACT MAT ATTACHMENT POINTS

POSITION STAKES ABOUT 3' FROM INFLATABLE. PLEASE REFER TO TETHER POINT LOCATIONS ON THIS TETHERING DIAGRAM. DIAGRAMS ARE NOT TO SCALE.

# Wind Catastrophe!

This type of catastrophe can always be avoided by proper tethering, utilizing 24" long ground stakes, and by having trained operators on duty and avoiding inclement weather (such as high winds i.e. winds in excess of 15 m.p.h.).



**Beaufort Wind Scale.** For your convenience, we have included the Beaufort Wind Scale which provides measures of wind force and a general idea of what to expect from each (see chart below). As you can see, even what seems to be the slightest wind can never be taken for granted.

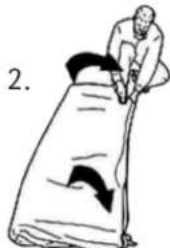
## BEAUFORT SCALE OF WIND FORCE

Table B.1 --- The Beaufort Scale of wind force

Force	Description	Identification	Wind speed	
			mph	km/h
0	Calm	Smoke rises vertically	<1	<0,62
1	Light air	Direction of wind shown by smoke drift, but not by wind vanes	1 to 3	1,08 to 5,4
2	Light breeze	Wind felt on face; leaves rustle, wind dances moved by wind.	4 to 7	5,76 to 11,88
3	Gentle breeze	Leaves and small twigs are in constant motion. The wind extends a light flag.	8 to 12	12,24 to 19,44
4	Moderate breeze	Raises dust and loose paper. Small branches are moved.	13 to 18	19,8 to 28,44
5	Fresh breeze	Small trees in leaf begin to sway.	19 to 24	28,8 to 38,52
6	Strong breeze	Large branches in motion. Whistling heard in telegraph wires. Umbrellas difficult to use.	25 to 31	38,88 to 49,68
7	Near gale	Whole trees in motion. Inconvenience felt when walking against wind.	32 to 38	50,04 to 61,56
8	Gale	Twigs break off trees.	39 to 46	61,92 to 74,52
9	Strong gale	Slight structural damage occurs. Chimney pots and slates are dislodged.	47 to 54	74,88 to 87,84
10	Storm	Trees uprooted. Considerable structural damage occurs.	55 to 63	88,2 to 102,24
11	Violent Storm	Widespread damage occurs.	64 to 72	102,6 to 117,36
12	Hurricane	—	>73	>117,72

## Standard Method to Fold & Roll an Inflatable

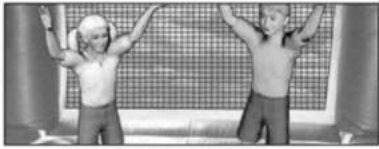
1. Begin by folding the inflatable into even thirds or quarters. Remember to leave an open deflation zipper at one end.
2. Try to keep each fold flush with the layers above and below it.
3. Once folded, begin rolling the inflatable TOWARDS the end with the open deflation zipper.
4. As you roll, take care to depress trapped air out in front of the roll to ensure a tight even roll.
5. Secure the roll with a wrapping strap, cinch, and then stand the unit on one of the coiled ends of the roll. Slide the storage bag over the top and slide down over the rolled inflatable. Cinch bag and then store.



# Step by Step Procedure: KidZone Wet/Dry Combo



1. Enter the unit by crawling head first through the entrance.



2. Once inside, start jumping around on the mattress or play basketball with the hoop!



### Avoid Contact with Others!

Passengers must be instructed to use or ride unit individually. Do NOT allow double riding, as accidents WILL happen!



### Do Not Hit Your Head!

DO NOT dive or enter unit head first, as head or neck injuries may occur!



3. To enter slide, go up the climbing surface.



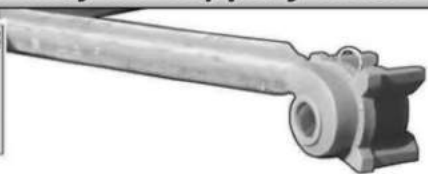
4. With arms crossed, slide down the slide feet first (No Diving)! Now you're ready to GET WET!



5. You can re-enter the bouncing area, climb up to the slide again, or exit the unit.

**CAUTION:**  
Material may be slippery when wet.

**CAUTION:**  
**SHOCK**  
**HAZARD**  
PLUG BLOWER INTO  
GROUNDING  
OUTLET ONLY!



## Keep Blower Away!

- Operators need to keep blower away from the unit.
- Use a grounded outlet only for blower system.
- Caution! electric shock may occur if blower gets wet.

## Squirt Slide Surfaces!

- Be sure landing area is wet with water — have operator squirt (NOT SOAK) the sliding surface.
- Make sure unit is dry before packing!

### EMERGENCY EVACUATION PLAN

In the event of a disruption of required air supply to the inflatable device, or any noticed disruption of normal use of the inflatable device, inform patrons to move carefully and cautiously to exits of the device pointing out there locations within the inflatable device



### Evacuation Procedures!

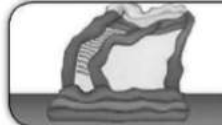
The blower tube has an automatic air flap that reduces the loss of air if the blower system goes off. In the event of a power outage or emergency take-down, direct patrons off the inflatable as shown by arrows in the diagram shown above.

Operator Take Control...  
**Use Whistle!**



**ASTM Standard #F7324-06 6.6.1 :** Operators & attendants shall incorporate the use of whistles or other devices or signal equipment & take appropriate action at the first sign of misbehavior or violation of posted rules.

**Improper use of this inflatable may cause serious injury!**



### Deflation Rate of Inflatable:

Type of Testing: Observed  
Deflation Rate to unsafe conditions: 3-5 minutes.

**Make sure all operators understand the proper procedures for using this inflatable, and that passengers must follow the rules.**



### Avoid Contact with Others!

Passengers must be instructed to use or ride unit individually. Do NOT allow double-riding, as accidents WILL happen!



### Do Not Hit Your Head!

DO NOT dive or enter unit head first, as head or neck injuries may occur!



### Keep Landing Areas Clear!

Operators should not allow participants to land on one another. Accidents WILL happen!



### Instruct Safety!

Instruct riders to follow the safety rules located on entrance side of unit. NO flipping, as injuries may occur!



### Watch Out for High Temps!

DO NOT operate when temperatures exceed 90-degrees. Watch for early signs of heat exhaustion and for dehydration.

## Important! Use and Indemification:

Buyer\* (person, company or entity purchasing the inflatable product or device), is solely responsible for the manner of use of the products and other equipment purchased from N-Flatables. "Buyer" is solely responsible for all signage, labels and warnings to consumers or other users of the products and equipment, and for any and all other acts necessary, including user warnings and limitations (e.g., weight, height, age, number of participants and medical condition limitations), to ensure the safety of the users. "Buyer" acknowledges that they have received, read and fully understand all necessary instructions for the safe setup and operation of their Cutting Edge Creations (BRAND) inflatable product or device. "Buyer" agrees to operate their Cutting Edge Creations (BRAND) inflatable product or device according to the instructions established by Cutting Edge Creations (BRAND). "Buyer" agrees to operate their inflatable product or device according to all state and local requirements. "Buyer" agrees to train any person(s) operating the inflatable product or device in the safe operation of the inflatable product or device including safe handling of emergency situations. "Buyer" shall use proper stakes, tie-downs, and other applicable devices necessary to ensure the safety of users and the general public. "Buyer" agrees to indemnify, defend and hold harmless N-Flatables and N-Flatables Insurers from actions and claims of third parties, including customers of "Buyer" and users of the goods and products sold to "Buyer", arising out of or in connection with the use of the goods and products herein described or resulting from the breach of the provisions in this Confirmation of Order by "Buyer". In the event N-Flatables is required to commence an action to enforce this provision, "Buyer" shall pay all of N-Flatables legal costs and expenses.