

# OPERATIONS GUIDE

## WARNING

This document has been compiled by Aflex Technology (NZ) Ltd as a guide to assist users of Aflex inflatable products in ensuring the safe operation of their inflatable pool product.

***Operators/owners must read this manual before using the product.*** Whilst every endeavour has been made to identify all safe practices, each operator must perform a risk assessment to review their particular circumstances and take all necessary steps to ensure safety at all times.

Aflex Technology (NZ) Ltd accepts no liability for any accident, injury or loss which may occur as a result of not following guidelines in the operations manual. Full responsibility lies with the operator and staff to follow correct set-up and dismantling procedures, adequately supervise users, meet minimum suitability recommendations, enforce safety rules, and regularly check products for maintenance.

In the event Aflex Technology's recommendations on maintenance and operation are not followed your one year warranty on your inflatable/s will be invalidated.

***Products are not suitable for non swimmers.  
Daily maintenance checks should be carried out before each use.***

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## ***DISCLAIMER***

***These products should be used only after reading the operations manual.***

***Aflex Technology (NZ) Ltd accepts no liability for any accident, injury or loss which may occur as a result of not following guidelines in the operations manual.***

***Full responsibility lies with the operator and staff to undertake risk assessment, adequately supervise users, ensure adequate water depth, enforce safety rules and regularly inspect products.***

***Products are not suitable for non swimmers.***

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# ***INTRODUCTION***

## ***General***

Aflex Technology designs and manufactures its own range of inflatables in Nelson, New Zealand. A wide variety of models has been developed creating an extensive range of constant airflow & sealed inflatables to suit differing aquatic requirements. Our company's aim is to provide its customers with exciting products to assist them generating new and repeat business.

## ***Notices & Acknowledgements***

This manual is provided for information purposes only. Nothing in this manual is to be construed in any way as varying the terms of sale of the goods to which it applies. All the information included in this manual is subject to change without notice. Reasonable care has been taken when preparing the contents of this manual. Aflex Technology accepts no responsibility for any error or omission or misuse.

## ***Aflex Technology Constant Air Flow Water Based Inflatables***

Constant airflow inflatables are manufactured using machine stitched seams and PVC welding. They use a continuous airflow electric fan to maintain air pressure whilst the unit is in use. Constant air flow units are generally designed to be anchored or fixed to the edge of the pool so that the unit generally runs from the shallow to the deep end. Participants step from the pool side onto the landing section of the inflatable, one at a time. The users then endeavour to traverse the various obstacles until exiting into the water.

## ***Aflex Technology Slides***

The slide is a self – contained anchorable unit designed to be used in a similar way to the obstacles course type units. Due to their height they are for sliding down only and are not designed for jumping or diving off.

## ***Aflex Technology Sealed Inflatable's***

Sealed inflatables are manufactured by welding PVC. To use inflate the unit with a hand/foot pump or a small electric blower. Once inflated remove the pump or blower and close the valve, this will maintain the air pressure while in use. Sealed can be moored or float freely around the pool.

## ***Aflex Technology Sealed Modular Inflatable's***

These are sealed inflatables can be used as individual inflatables or combined to create larger inflatables of your choice. Units are connected by using hook and loop wrap attached to the next unit.

# ***BASIC OPERATING PROCEDURE***

## ***SAFETY CONSIDERATIONS AND RULES OF PLAY***

When using Constant Air Flow Inflatable's, Slides or Sealed Inflatable's please consider the following points:

### ***Swimming Abilities***

- Inflatables are not suitable for non swimmers and weak swimmers.
- Potential users should be tested as to their swimming ability before being allowed onto the unit and then given an appropriate mark or wristband.

### ***Owners Responsibilities***

- The owner or operator/manager of the inflatable shall verify and document the operators and attendants as having received appropriate training to supervise and administer the products safely.

### ***Operators and Attendants Responsibilities***

- Ensure the users are kept clear of the inflatable during inflation and deflation.
- Inform the users of the rules when using the inflatable.
- The rules shall be explained to all users before they use the inflatable.
- The rules shall be displayed in a prominent manner that can be seen and read by all users before entering the inflatable.
- Are to ensure the positioning of the inflatable gives a clear view of all users on and around the inflatable, so activity can be monitored at all times.
- Ensure users enter the inflatable in a controlled manner.
- Are to control bodily contact between users along with boisterous and reckless play.
- Should incorporate the use of whistles or other signals and take appropriate action at the first sign of misbehaviour or violation of the posted rules.
- Ensure when users step onto the inflatable they do not exceed the maximum number of users allowed on the inflatable at any one time.
- Are to ensure users do not interfere with anchors, air pipes or fans/blowers.
- Ensure inflatable's are well anchored clear of hazards.
- Are to verify that the inflatable is not over loaded with users in accordance with the manufacturer's specifications. Refer to Aflex Technology's individual product information sheet provided and/or website [www.aflextechnology.com](http://www.aflextechnology.com) for details.

## ***Rules of Play***

- The user shall not approach the inflatable without permission to do so.
- Users are to form an orderly queue.
- Users are to step onto the unit one at a time.
- Swimming under the inflatable should not be allowed due to restricted vision.
- Users not to dive off the inflatable.
- Users are not to behave in a reckless and careless manner and shall have no contact with any other user on the inflatable.
- No-one may take onto the inflatable sharp or dangerous objects such as buckles, pens, keys, knives etc. Spectacles are best removed.
- Any users falling or exiting the inflatable are to move away from the inflatable as quickly as possible.
- Under no circumstances are users allowed to climb onto the inflatable whilst the inflatable is out of the water.
- Under no circumstances are users allowed to climb onto the inflatable whilst the inflatable is not securely moored.

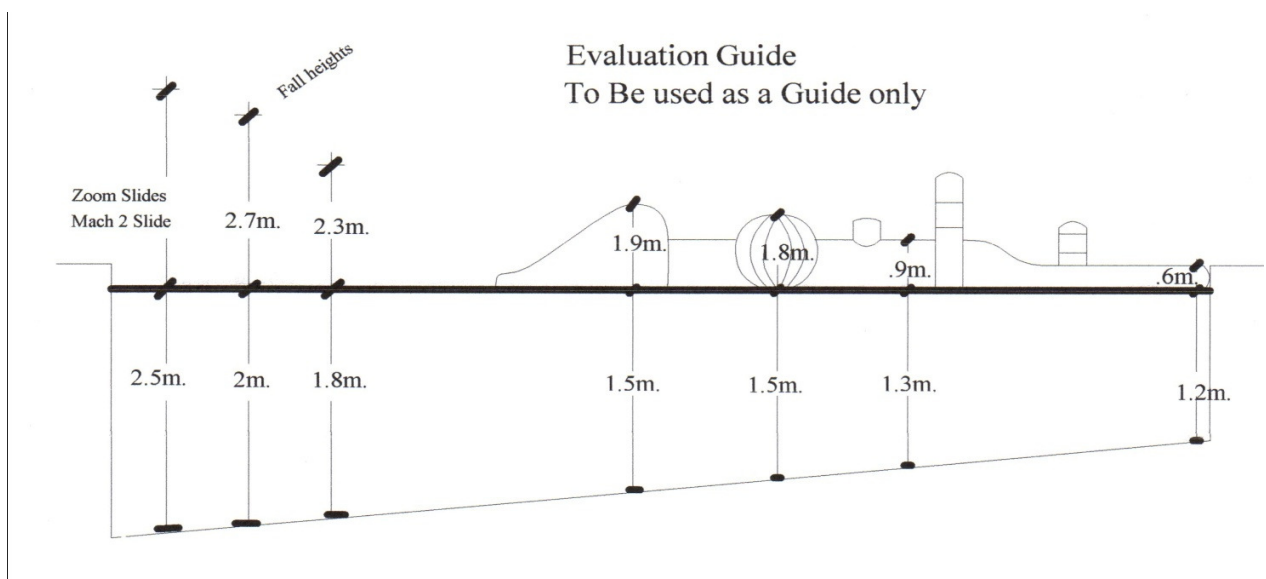
## ***Additional Rules of Play and Responsibilities for the Use of Slides***

- Safety consideration shall be given to the number of participants queuing at steps to the dive tower or climbing structure.
- Users are to queue on poolside whilst waiting their turn.
- Consideration shall be given to the age range permitted.
- Consideration shall be given as to whether the sessions will operate according to age/height and or swimming ability.
- Only one person to go down the slide at a time.
- Only go down if the slide and landing area are clear of previous user.
- Users shall go down in a sitting position only, feet first.
- User must not run and launch themselves aggressively down the slide or attempt to stand up.
- Users are not to dive off the slide into the pool.
- User shall remove all jewellery, watches and other sharp objects before mounting the inflatable.
- Users must be well clear of the landing area before the next person uses the slide.
- Slides shall be sufficiently tight to ensure a stable ride.
- Extra attention is required when using outdoors due to potential wind hazard.
- Any damage to the fabric or seams of all inflatable's must be considered a serious hazard. The inflatable should be taken out of service until the damage is repaired.



## Safety

- The inflatable is to be clear of any hazards and pool exits.
- The inflatable is to be positioned in such a manner that jumping or exiting from inflatable cannot make contact with the edge of the pool.
- A minimum depth of water is essential for the safe operation of inflatables. Refer to Aflex Technology's suitability guide, the elevation guide below, website [www.aflextechnology.com](http://www.aflextechnology.com) , and product information sheet or customer services for advice on individual products.
- In outdoor pools consider the risk of wind gusts on windy days as this may affect the stability of the inflatable.
- During designated inflatable sessions, unless the use of the pool is exclusive to users of the inflatable, other swimmers or pool users should be segregated from the immediate area around the inflatable by way of lane ropes or other suitable equipment.
- In the event of overloading or over-inflation, the fabric itself may split leading to deflation resulting in an unsafe situation.
- Electric fans/blowers are to be sited well away from the pool side, the public and any wet areas.
- Electric components must be installed with the voltage and grounding requirements as required by the local governing authorities.
- **CAUTION:** All constant Airflow inflatable's use a high pressure fan/blower. For safety reasons it is vital to use the correct fan specified for the inflatable unit. If the unit starts to show signs of loss of air pressure e.g. it starts to sag noticeably, play shall be suspended immediately and the cause of the pressure loss remedied before users are allowed back onto the unit.



## ***ASSEMBLY PROCEDURE***

The Constant Air Flow Inflatables will be supplied rolled up with the filler/outlet pipe (if applicable) on the outside and the whole bundle tied with a strap or rope & wrapped in a PVC carry sheet. Inflatables can be heavy especially if wet. It is vital to have enough able-bodied people to carry out loading and unloading, setting up/assembly and dismantling without individuals injuring themselves.

It is essential that the Constant Air Flow Inflatables are transported from the storage area to the inflation area near the pool carefully and not dragged as this will cause damage including tears and grazes to the fabric. A trolley or carry sheet should be used. The surface of the area where the inflatable is to be inflated should be non-abrasive and clear of any protrusions or objects which might damage the inflatable.

At all times handle with care.

### ***Outdoor Swimming Pools***

Particular care needs to be taken when Constant Air Flow Inflatables are used in outdoor conditions. Unless the inflatable is held securely by the anchoring points it may break loose. Consideration needs to be given to the weather conditions before the start of each outdoor session and any changes in weather conditions, actual or predicted. In the event of, or imminent possibility or suggestion of thunder and lightning, the session should be stopped immediately and the air blower turned off as soon as it is safe to do so. (See section on deflation /dismantling).

Inflatable structures **should not** be erected or used outdoors in winds that are strong enough to cause problems, (use in light winds only) as it is both dangerous during use and whilst inflating the unit. The unit will not remain stable under its weight alone and can be lifted or overturned without warning by a gust of wind. Secure at all times.

## ***SAFETY RECOMMENDATIONS FOR SETTING UP CONSTANT AIR FLOW INFLATABLE'S***

The unit should be fully unrolled alongside the swimming pool and if using a separate air hose one end of the flexible air pipe inserted into the air inlet tube and secured by tying with shock cord, then attach other end onto the fan or blower with a clamp, screw or bungee cord.

The units come with the air pipe already attached to the inflatable. The 6m to 10m air hose is normally long enough for most pools but if necessary can be extended up to 12 metres. The use of air hoses longer than 12 metres is not recommended due to the potential reduction in air pressure.

The fan is switched on and the unit inflated before lifting inflatable into the pool.

- Care must be taken in situating the electric fan/blower and should be sited well away from the pool side and any other wet areas.
- Swimmers are to be prevented from having access to the fan/blower.
- It is recommended the blower is placed on a mat to absorb vibrations.

- To act as an electrical current breaker the electrical socket will require a RCD (residual current device).

The inflatable and its fan must be checked before each session to ensure that:

- The electric fan (blower) has no chafed or worn cables and is fixed securely so that it cannot be pulled by the air pipe into the pool or any wet area.
- Electric plugs, sockets and switches are not damaged in any way and the electric fan is connected to an earthed main supply via a RCD (residual current device).
- The inflation pipe connections to the fan/blower unit are firmly fixed.
- There are no holes or rips in the surface or seams of the inflatable unit.
- When fully inflated the structure is sufficiently firm.
- All anchor points are not damaged.

Once the unit is inflated on the poolside and checked it can be floated in to the correct position in the pool. The unit can then be positioned in the pool using the anchor ropes. The normal method is by anchorage to the pool side but suitable equipped pools may use the bottom method.

The inflatable should be sited centrally with the start end tied against the pool edge with the rope provided. (THE INFLATABLE MUST NOT BE ABLE TO MOVE AWAY FROM THE POOL EDGE). The anchor lines ( if not bottom anchored) should be positioned preferably at 30-45 degrees to the pool edge). The sides of the unit should not be nearer than 2 metres from the sides of the pool or lane ropes. Inflatables should be positioned with at least 3 metres of clearance from the exiting end or what is deemed appropriate to the model inflatable. (See individual product information sheet for details.)

Inflatables designed to be positioned away from all pool edges (i.e. units without an entry pad) MUST be positioned a minimum of 2 metres clear of all pool sides and lane ropes.

Any loose ends of anchor ropes should be tidied up and the air pipe positioned so that they are not a hazard to users.

Anchor ropes present a potential hazard to users who may fall onto them. To reduce the risk of injury they should be smooth, padded where necessary, brightly coloured and incorporate a rubber expansion piece.

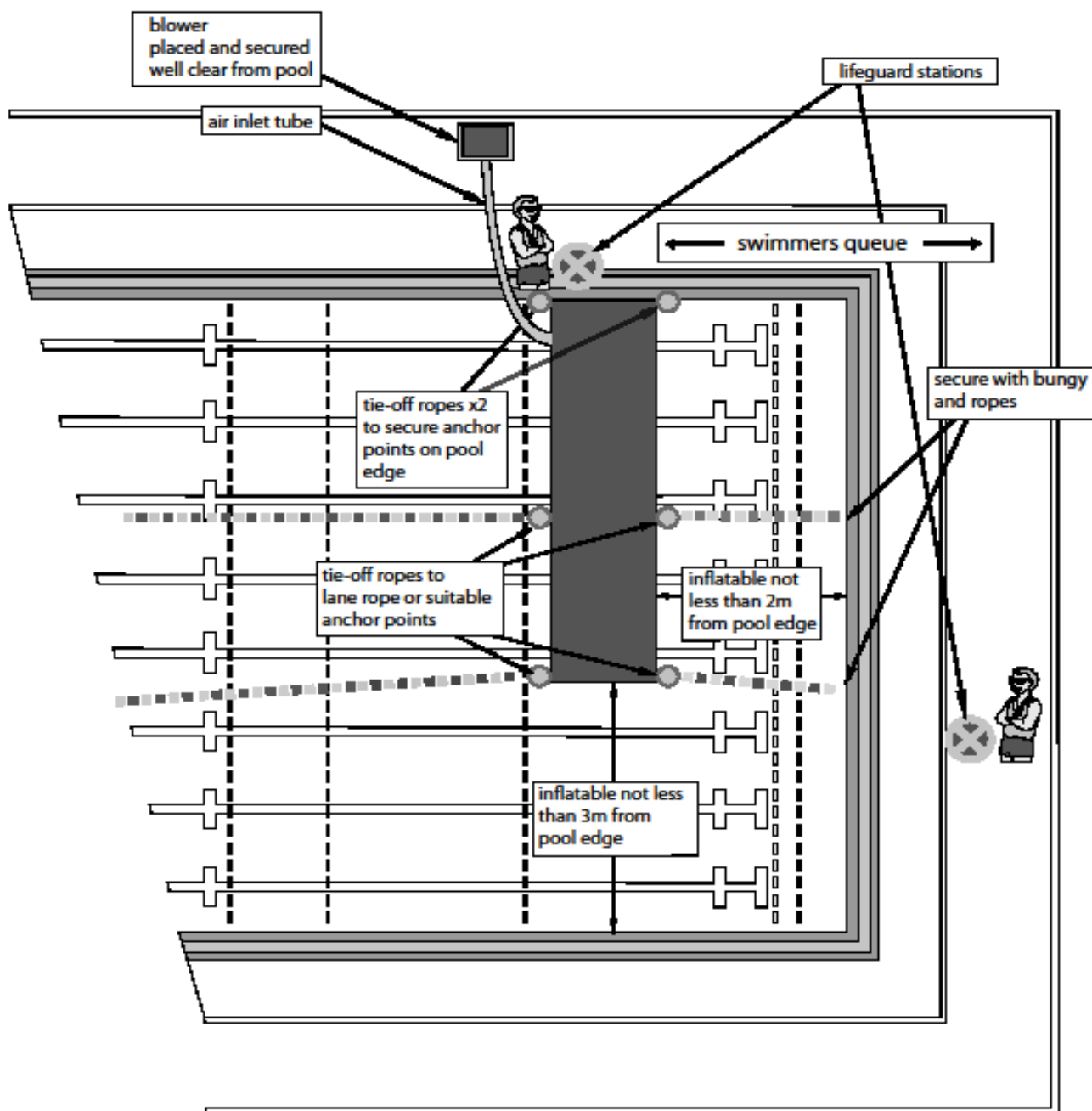
**CAUTION:**

Ensure that all anchor ropes and their attachments to the pool side are sufficiently in tension to hold the unit in its correct position in relation to the sides and the bottom of the pool and that they will remain secure during the period of use.

Under no circumstances should any users be allowed to climb on to the inflatable whilst it is out of the water or not correctly anchored.

Constant Airflow  
Inflatable Set-up

Appendix 1



NB: Inflatables should always be positioned not less than 2m from lane ropes

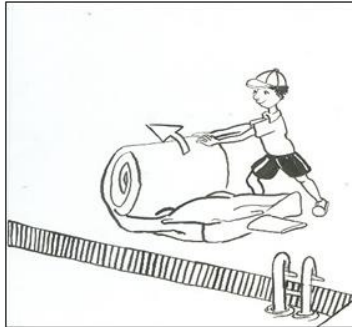
## ***QUICK GUIDE TO SET UP CONSTANT AIR FLOW INFLATABLE'S***

1. Unroll inflatable along the poolside.
2. Attach blower (fan) to built in PVC air tube or hose (if separate hose used) and secure with the bungee cord supplied.
3. Attach RCD, turn on the blower (fan) ensure it is secure and in a safe position well away from the pool edge and unable to be tampered with.
4. Fully inflate and lift inflatable carefully into the water, being careful not to dislodge air hose. **Do not drag** over pool side.
5. Float inflatable into position in the pool so **entry pad is against the pool edge**.
6. Secure the inflatable with the anchor ropes to the pool edge. Ensuring there is no gap between inflatable and pool edge a person could fall between.
7. Secure other anchor points with rubber bungee cords & ropes at sides and exit end. Or pool bottom using suction attachment device or bottom anchors if available.
8. Ensure other pool users and swimmers are a safe distance from the inflatable when in use.
9. At the end of the session ensure all users are safely off the unit.
10. Lift the inflatable out of pool and place on pool side with blower & hose attached & still on.
11. Dry off the inflatable **whilst still inflated** on poolside by leaving the blower on for a short period of time (approx 30 mins) and also using towels to dry off excess water.
12. Turn off blower, detach hose from inflatable and undo zips to let out as much air as possible.
13. Roll inflatable from exit end when totally deflated.
14. Lift rolled inflatable onto carry sheet or trolley for storage.
15. When reusing inflatable at next session - **Ensure all zips are closed before inflating**.
16. Refer to individual product sheets for specific setup and suitability information

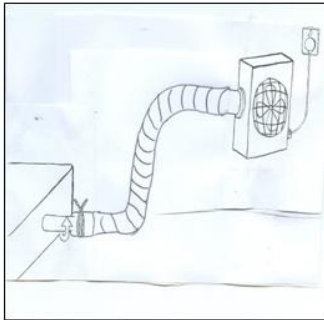
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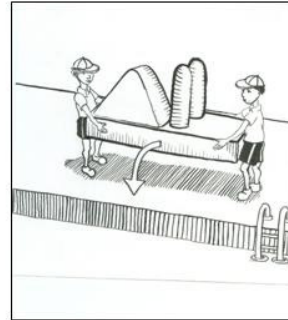
## EASY SETUP GUIDE CONSTANT AIR FLOW INFLATABLES



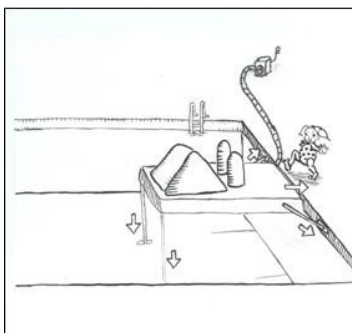
1. Unroll fully on poolside.  
Do NOT drag.



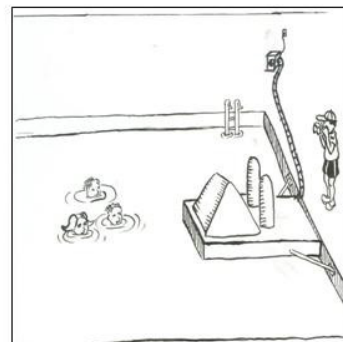
2. Attach blower & turn on.  
Position blower well away  
from pool and secure.



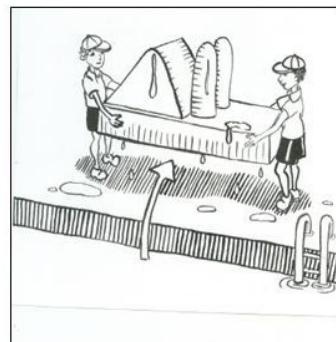
3. Inflate until firm & lift into  
pool. LEAVING THE BLOWER  
ON WHILE IN USE.



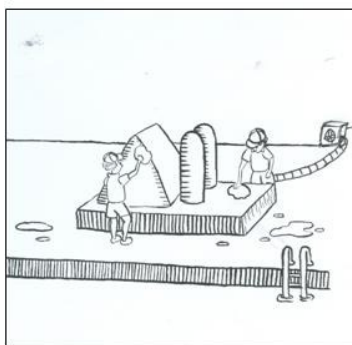
4. Secure into position. Attach  
inflatable against pool end and  
Secure on bottom or to the  
sides.



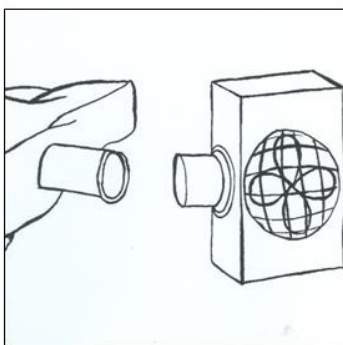
5. Ensure other swimmers are  
a safe distance from inflatable.



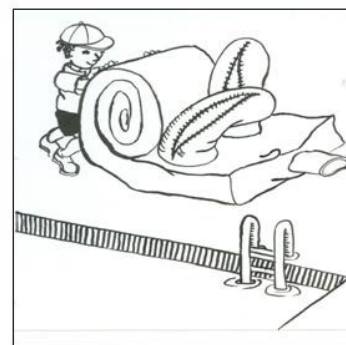
6. Lift out of pool – inflated  
and with the blower still on.



7. Dry off completely on poolside  
with blower on.



8. Turn off blower & detach  
from inflatable



9. Undo zips & roll away

## ***DEFLATION/DISMANTLING/PACKING CONSTANT AIR FLOW PROCEDURES***

At the end of the session staff must ensure that all users are safely off the inflatable and out of the pool.

The inflatable can then be carefully taken out of the water and carried **not dragged** to the area where it was originally unpacked. While units are still **inflated** they should be rinsed off with clean water then allowed to dry on the pool side **blower on** before deflating and packing away. Allow 30 minutes minimum for drying.

Adequate supervision should be allowed to ensure the inflatables are not climbed on when out of the water.

The fan /blower should be turned off before the air outlets are opened. To let the air out, open any air outlets by undoing zips. Next disconnect the air pipe by undoing the shock cord/wrap or clip.

Leave to deflate. Ensure that as much air as possible has escaped before starting to roll and pack the unit.

### ***Packing***

- It is strongly recommended that the inflatable is only packed when it is completely dry.
- To help prevent damage, if a unit has had to be packed away still damp, it should be unrolled again at the first opportunity and allowed to dry out thoroughly before packing.
- To help keep the unit in good condition it should never be stored for any length of time unless it is completely dry.
- The best shape for the packed unit is obtained by rolling the unit from one end to the other with the filler/outlet tube/pipe untwisted. Start rolling the unit from the exit end towards the air tube to make a large roll.
- Ensure both sides are parallel – unroll and reroll again if not even. If the unit is large, then use an adequate number of people to comfortably roll it. Roll as tightly as possible. When the unit is rolled up properly then tie it with the strap provided then roll it onto the carry bag provided.
- The unit when packed can be rolled or tumbled onto a trolley. With large units particularly never try to lift them up completely. Always use a barrow or trolley.

Never allow any member of staff to take avoidable personal risks in the course of moving or lifting the unit. Ensure enough fit helpers are available. Aflex Technology accepts no responsibility for any avoidable injury to persons who take unnecessary risks in the course of moving the inflatable.

The equipment must be stored away clean and dry particularly if it is to be stored for any length of time. Failure to do this will cause mildew to form which will stain and damage the fabric and may cause unpleasant smells.

## Using a Trolley for Storage



Inflatable is secured to trolley with cover sheet and straps.



Untie straps and place cover sheet on the ground.



Stand on cover sheet to stop trolley from moving.



Roll inflatable onto the cover sheet.



Unroll inflatable and inflate.

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## ***SAFETY RECOMMENDATIONS FOR SETTING UP SLIDES***

### ***Electric Blowers/Inflatable***

- Ensure the electric blower is in a completely dry area with the blower positioned well away from the pool and other wet areas.
- Swimmers are to be prevented from having access to the fan/blower.
- It is recommended the blower is placed on a mat to absorb vibrations.
- To act as an electrical current breaker the electrical socket will require a RCD (residual current device).

The inflatable and its fan need to be checked before each session to ensure that:

- The electric fan (blower) has no chafed or worn cables and is fixed securely so that it cannot be pulled by the air pipe into the pool or any wet area.
- Electric plugs, sockets and switches are not damaged in any way and the electric fan is connected to an earthed main supply via a RCD (residual current device).
- The inflation pipe connections to the fan/blower unit are firmly fixed.
- There are no holes or rips in the surface or seams of the inflatable unit.
- When fully inflated the structure is sufficiently firm.
- All anchor points are not damaged.

### ***Clearance for Slides***

Inflatable's slides should be positioned so there is adequate water depth for the patron when exiting and sufficient length of clear water in front to exit safely without touching the pool end or side, refer to individual product information guides or our website for exit requirements for the different slides. An inflatable slide should be positioned so there is at least 3.5 metres from either side of the pool tank so there is minimal risk of users falling off the structure onto the edge of the pool surrounds.

### ***Landing Area for Slides***

A landing area should be formally marked out with floats or ropes to prevent other swimmers coming into contact with slide users (if the pool is not being exclusively used for the slide). This area should extend out 4.6 metres from the bottom of the slide.

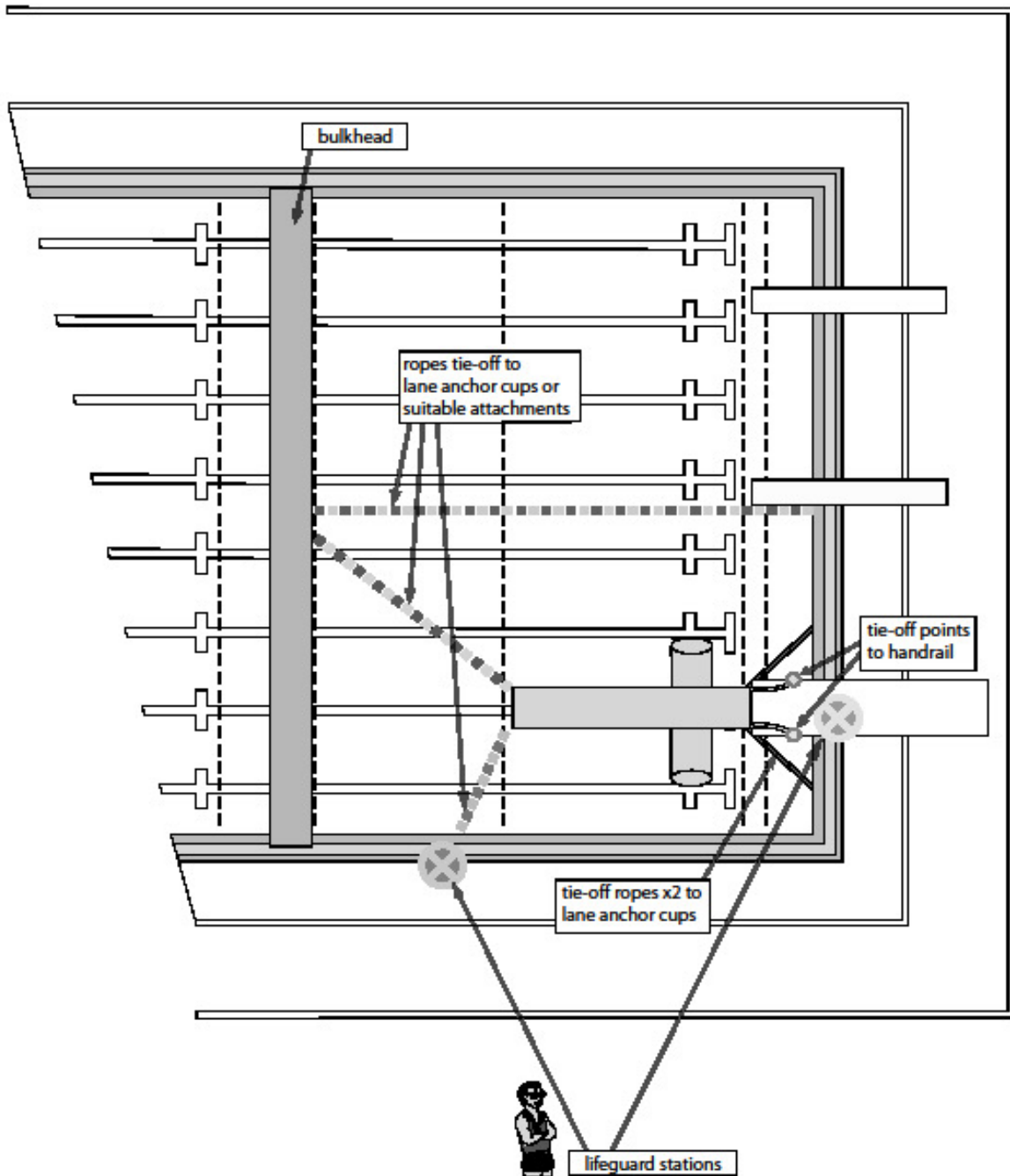
### ***During Slide Operation***

A small amount of water from a hose should be run continually down the slide during use to aid sliding, and to prevent friction burns or grazes.

### ***Supervision Requirements***

A minimum of 2 trained and qualified staff is recommended for the dive board slides when in operation. One staff is required at the entry point (top of slide) and one positioned at the descent point on the poolside below. Separate rules of play need to be devised. This is the responsibility of the owner/operator. Refer "Safety Considerations and Rules of Play" for guidelines.

Constant Airflow  
INFLATABLE SLIDE SET-UP  
(Attached to Diving board)



# ***INSTRUCTIONS FOR SLIDES FIXED TO DIVING BOARD***

*To be used in a dive pool only.*

## ***Installation of Slide***

1. Unroll the inflatable slide on poolside and inflate until firm.
2. To inflate attach the air inlet tube securely to the blower with cord provided and inflate on poolside. **Check zips are closed on the inflatable.**
3. Attach RCD, turn on the blower (fan) ensure it is secure and in a safe position well away from the pool edge and unable to be tampered with.
4. Check the inflatable for any damage with particular attention to anchorage points seams and other areas of weakness each time it is used.
5. Lift the inflatable into pool. **Care is required not to drag it across abrasive surfaces.**
6. Fit sleeve over end of dive board and attach clips to hand rails. The sleeve is necessary to protect the slide from chaffing and people from injury.
7. Move inflatable into position against the diving board.
8. Pull up the straps and securely fasten the straps to the railings at the top of the diving board.
9. Secure other anchor points with rubber bungee cords & ropes at sides and exit end. Or pool bottom using suction attachment device or bottom anchors if available.

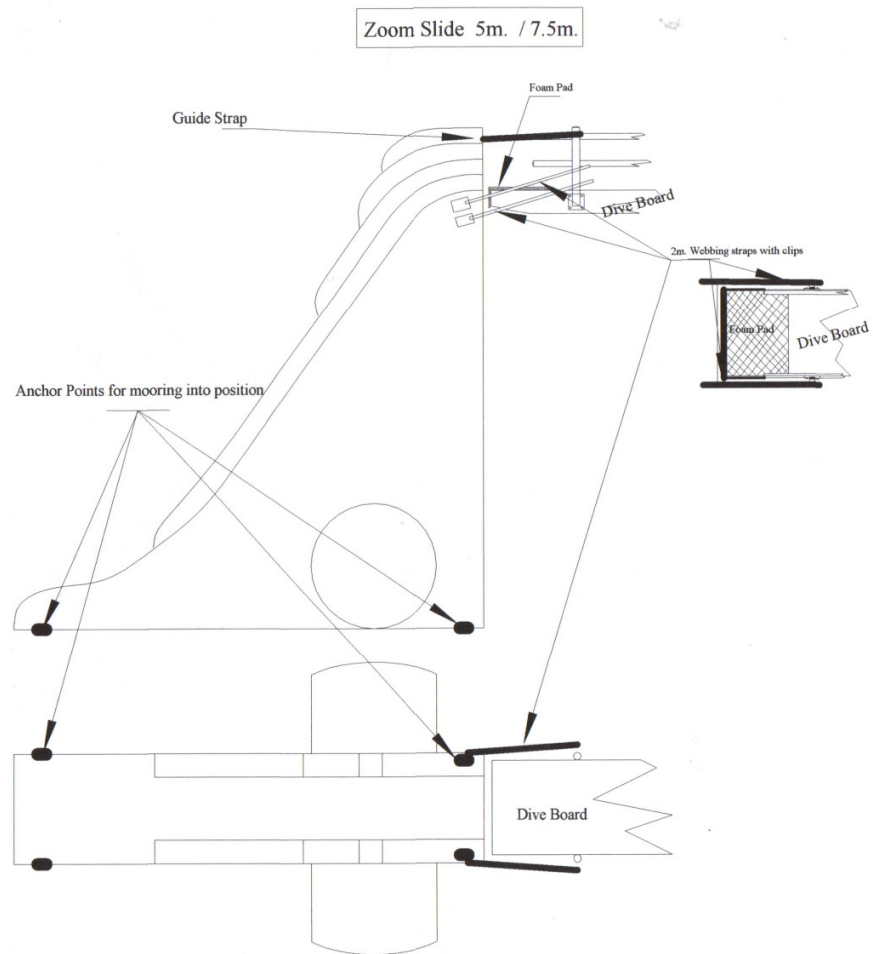
## ***To Deflate Slide***

As per above instructions for installation but in reverse.

1. Lift inflatable out of water while inflated.
2. If possible allow to dry on poolside for a period of time while still inflated with the blower still running, ensuring no member of the public has access.
3. To totally deflate slide, turn off air supply and detach the air hose from the blower.
4. Open the zips in underside of inflatable.
5. Roll up inflatable and put away. **Do not drag.**

Refer to individual product sheets or website for specific setup and suitability information.

# ZOOM SLIDE SET UP



## ***INSTRUCTIONS FOR SETTING UP SEALED & MODULAR INFLATABLE'S***

1. Unroll product & inflate on pool side.
2. To inflate, lock valve in open position by depressing middle button & turn **clockwise**.
3. Inflate by using either a hand/foot pump or electric blower. For inflating by hand use the black hose adapter (bayonet) supplied to fit pump onto valve. To inflate using the electric blower, switch on blower, hold the blower over the valve and inflate.
4. When fully inflated close off the valve. Depress middle button and turn **anti- clockwise**.
5. **Do not over inflate**. For the correct pressure ensure you are able to easily press the inflatable with your thumb. Over inflation will lead to splitting of the fabric.

***NOTE: Over inflating can occur in hot conditions as the warm air expands. Release some air from the inflatable should this occur. Do not leave inflated in the sun prior to or after use.***

6. Top up with extra air if necessary during usage. The inflatable can be topped up in the closed valve position.
7. To secure **modular units** attach hook and loop wraps firmly around each inflatable. Lift into the pool. Float into position and attach pad securely at pool edge. Secure rope on outer exit end of strip to pool side or bottom of the pool (if bottom anchors available). Ensure there is no gap between pool edge and pad. Remove lane ropes so there is at least a 2.5 metres width clearance from the sides of pool down the length of the inflatable.
8. After use deflate – pressing the middle button in the valve and turn **clockwise**.
9. Dry before packing and storing.
10. Good safety practices must be followed at all times –use only under strict adult supervision. There are risks associated with using these products, refer to Safety Considerations and “Rules of Play” for guidelines
11. The inflatable is **NOT A LIFE SAVING DEVICE**.
12. Refer to individual product information sheets for specific setup and suitability information.

## Inflating Sealed Inflatables using Electric blower



High pressure spa blower



1. Open valve by pressing button to inverted position.



2. Turn on blower & hold hose firmly over open valve to inflate.



3. Fully inflate product.



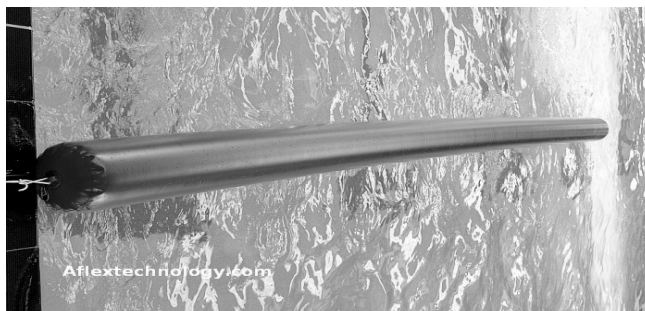
4. Close valve by pressing & turning Release button to close position. Seal with cap.

## ***SETUP & USER INSTRUCTIONS FOR SEALED POOL DIVIDER***

1. Unroll & inflate pool divider.
2. Lift into the pool.
3. Float into position and attach securely at pool edge.
4. Secure ropes on outer end to pool attachment.
5. Setup so there is adequate clearance from the side of pool.

### **TO INFLATE & DEFLATE**

1. Lock valve in open position by pressing the middle button and turn **clockwise**.
2. Inflate using either an electric blower/fan or foot pump. Inflating by hand- use the black hose adapter (bayonet) supplied to fit the appropriate hand pump.
3. When fully inflated depress middle button and turn **anti-clockwise**.
4. **Do not over inflate.** For the correct pressure ensure you are able to easily press the inflatable with your thumb. Over inflation could lead to splitting of the seams.
5. Top up with extra air if required during usage. The inflatable can be topped up with the valve in the **closed** position.
6. To deflate - press the middle button and turn **clockwise**.
7. Dry inflatable and roll away.



### **OPERATING GUIDELINES**

1. Do not excessively load this inflatable, thereby damaging end attachments.
2. Pool Divider is only to be used as a pool barrier as it has not been designed to play on.
3. **Note:** We recommend this product is not left in hot conditions as pressure build up may cause the fabric to deteriorate and split.

## ***SETUP & OPERATION INSTRUCTIONS FOR LOG RUNNER***

1. Thread logs through the strip.
2. Inflate logs.
3. Inflate pad .(Secure pad to strip if not fastened)
4. Lift into the pool.
5. Float into position and attach pad securely at pool edge.
6. Secure rope on outer exit end of strip to pool side or bottom of the pool (if bottom anchors available). Ensure there is no gap between pool edge and pad.
7. Remove lane ropes so there is at least a 2.5 metres width clearance from the sides of pool down the length of the inflatable.

### **TO INFLATE AND DEFLATE**

1. Lock valve in open position by pressing the middle button and turn **clockwise**.
2. Inflate using either an electric blower/fan or foot pump. When inflating by hand use the black hose adapter (bayonet) supplied to fit the hand pump.
3. When fully inflated depress middle button and turn **anti-clockwise**.
4. **Do not over inflate.** *For the correct pressure ensure you are able to easily press the inflatable with your thumb. Over inflation could lead to splitting of the seams. If using in hot sunny conditions allow for extra pressure build up and deflate accordingly.*
5. Top up with extra air if required during usage. The inflatable can be topped up with the valve in the **closed** position.
6. To deflate – press the middle button and turn **clockwise**.
7. Dry before packing.

*Good safety practices must be followed at all times- use only under strict supervision.*



### **OPERATION GUIDELINES**

1. 1 person at a time on the Log Runner.
2. Use in a minimum water depth of 1.2 metres.
3. Not suitable for non swimmers.
4. **Note:** We recommend this product is not left in hot sunny conditions as pressure build up may cause the fabric to deteriorate and split.

# ***STAFFING & SUPERVISION***

## ***Ratios***

A suitable number of trained and qualified staff should be on duty to safely supervise the session.

Safety requirements need to be taken into account when assessing and fulfilling the requirement for adequate supervision at all times. The number of attendants needed to supervise a pool inflatable session depends on the circumstances e.g. age range and the swimming abilities of the users, the size of the inflatable. The owner or operator is responsible for determining the minimum number of staff needed to operate and supervise the inflatable and to ensure safety at all times. Refer to Aflex Technology's suitability guide, website [www.aflextechnology.com](http://www.aflextechnology.com), or product information sheet for safety advice on individual products.

***Users- especially children, need supervision by responsible trained people preferably adults who are capable of exercising authority over users.***

- A trained attendant controls access onto the inflatable with other attendants positioned where necessary for a clear view of users on and around the inflatable at all times, from when users enter the water until they are clear of the pool.
- Users should be allowed onto the first island/obstacle one at a time, only allowing the next person on when the first person has moved on to a safe distance.
- It is the responsibility of the staff to control the numbers and ages of those allowed to get on the unit in the same session. Refer to Aflex Technology's suitability guide, website [www.aflextechnology.com](http://www.aflextechnology.com), or product information guide for safety advice on individual products.
- Given the restricted visibility under the inflatable, staff must be alert to the possibility of a user experiencing difficulties in an obscured part of the pool, either underneath the structure or on the other side.
- The attendants must be able to ensure that Rules of Play are being observed at all times.
- Attendants must also ensure that the fans are not tampered with.

## ***Training***

The owner or operator/manager is responsible for ensuring that each pool attendant receives adequate training in all aspects of the safe setting up, daily checks, dismantling, packing, cleaning maintenance, supervision and operation of the inflatable.

## ***Risk Assessment and Check List***

The owner/operator or manager of the inflatable is legally responsible for making a risk assessment of his/her operating methods, and to devise suitable Rules of Play. The Rules of Play should be displayed in a manner that can be seen and read by all users before they are allowed on the inflatable, e.g. a prominent signboard or poster. All attendants should be familiar with the Rules of Play. For recommendations refer to the section on "Safety Consideration and Rules of Play" in this manual.

It is recommended that a signboard should be erected close to the front of the inflatable advising the Rules of Play.

# ***SAFETY & EMERGENCY PROCEDURES***

## ***Basic Security Precautions***

The public must be prevented at all times from having access to fans, electricity supply cables and outlets, generators or motorised fans and their fuel exhaust or access to interfere with air inlet and outlet pipes safety equipment, anchor ropes and pool inflatables when they are out of the water.

For adequate protection it is necessary to have both physical barriers and vigilance by the attendants. The areas concerned should be at least roped off. Plant room's secure and suitable signage used to warn and exclude the public. Inflatables in themselves are not dangerous, it is how they are used and how they are maintained that can be dangerous.

## ***HAZARDS RELATING TO THE EQUIPMENT***

### ***Electric Fans***

Electric equipment powered by a/c mains is inherently hazardous in a swimming pool or associated environment where moisture is present. Therefore stringent precautions must be taken to eliminate the risk of electric shock or burns.

Fans supplied for constant flow inflatables are originally intended to be easily portable, but portability can present a hazard with swimming pools. For swimming pool inflatables it is advisable to fix electric fans in a position well away from the pool and other wet areas. Permanent wall mounting in a pump room or plant room is preferred. Such fans should be supplied from an earthed socket with a RCD (residual current device) attached or fed from an earthed supply with a built in residual current breaker. It should be tested daily.

The air inlet tube on the inflatable is attached to the blower. Longer lengths of air pipe can be supplied if required, so there is no need to compromise the safe location of the fan. (NB Increased lengths beyond 10 m of hose reduce the air pressure).

Daily safety checks of fans must include checks for chafed or worn cables and ensure that plugs, sockets and switches are not damaged in any way. Connection to the mains must be via a RCD, which in turn should be tested at least once daily and preferably before each use. There are legal requirements covering the use and maintenance of portable and transportable electrical equipment.

In an emergency the power supply to electric fans may need to be switched off or may be interrupted due to power outage. In the event of any power interruption or outage, use of the continuous air flow inflatable must cease immediately and attendants should ensure all users are cleared from the area on and around the inflatable. Attendants should follow established procedures to ensure safe evacuation of inflatable.

## ***The Inflatable Structure***

Provided the unit is used correctly, is maintained in accordance with these instructions and repaired if damage occurs the inflatable will not become hazardous. The inflatables should always be inspected before each session in accordance with the daily check list. There is a potential risk that can occur whilst moving the unit around particularly if it is a large one. Care must be taken to prevent injury to pool staff and bystanders. A suitable trolley should be used whenever possible, and the unit should be rolled tightly into a manageable shape.

# ***MAINTENANCE – INSPECTIONS AND SERVICE PROCEDURES***

## **DAILY INSPECTION RECOMMENDED**

### ***Daily Inspection Should Ensure That:***

- All Anchor points are intact and not damaged.
- Anchor ropes and their pool side mooring locations remain sound for continued use.
- There are no holes or rips in the surface or seams of the inflatable.
- When fully inflated all vertical structures (when fitted) are firm and upright, and the pressure in the bed and access/landing areas is sufficient to give a reliable and sound footing.
- The blower/inflation tube connection is in good condition.
- The blower must have no loose bolts or screws, etc and the mesh guards if applicable over the air inlet and outlet must be secure and undamaged.
- The RCD device is fitted and working.

### ***Recommendations for Cleaning***

Our recommendation is for the inflatable to be packed away only when it is completely dry.

In the event of your inflatable becoming dirty or in mild cases of mildew, try any of the following:

- Clean with warm water and a mild detergent or mild shampoo. Wash off thoroughly and ensure it does not dry onto the inflatable before you wash it off.
- Clean with diluted pool cleaning products, once again wash off thoroughly and don't let it dry on the inflatable.
- Sparingly use methylated spirits on the worse affected areas.

## ***Tolerance for Wear and Tear***

Any damage to the fabric or seams of all inflatable's must be considered a serious hazard. The inflatable should be taken out of service until the damage is repaired.

## ***Repairs to Inflatables***

Instructions for repairing PVC inflatables.

### **Bostik 999 (NZ only)**

Cut a patch of PVC material supplied of a suitable size to cover the hole or tear (slightly larger than the tear to allow adequate coverage).

Clean fabric where repair is needed. Hold patch on the damaged area of inflatable and mark around with a pen. Glue the area marked on the inflatable and leave until it is touch dry.

Glue the patch on one side and allow to dry. (Approx 10 minutes in warm conditions).

Lay the glued side of the patch onto the marked glued area of the inflatable and press.

Heat with a hair dryer on warm or something similar and press out flat and roll firmly whilst still warm. This will ensure adequate bonding of the patch to the inflatable.

Allow 30 minutes before moving.

NB Check with Aflex if in doubt about fabric repairs.

### **Repairs using Aquaseal (Glue) & Cotel-240 (precleaner)**

To purchase in Australia:

Oceanic Australia PTY Limited

4 Scotch Court

Rosebud, Victoria 3939

Australia

Ph 03 5986 0100 1300 30 5530

Fax 03 5986 1760

[www.oceanicaus.com.au](http://www.oceanicaus.com.au)

Aquaseal & Cotel-240 may also be available through your local dive shop.

In USA, Canada & other countries refer to [mcnett.com](http://mcnett.com) for purchasing & user instructions.

### **HOW TO USE AQUASEAL. (N.B. ALWAYS USE IN WELL VENTILATED AREA)**

1. Roughen with sandpaper (if necessary).
2. On fabric to be repaired clean damaged fabric with Cotel-240 or isopropyl alcohol
3. Apply Aquaseal and bond together overlapping seam edges by ¼”(5mm)
4. Use brush to saturate fabric surfaces. Dry level overnight.
5. For pinprick holes apply Aquaseal in a beading. Leave overnight to cure.
6. Always use in well ventilated area.