

Airtight Mattress



Additional Operating Instructions



These are additional instructions to the Sealed Land Inflatable Operation Manual.



Air Mattresses come in many different lengths, widths, and colours. These additional operating instructions cover any device made by Airquee similar to the pictures above.




If you are in any doubt about anything mentioned in this manual or its suitability for your product or circumstances, please contact us using any of the methods given on our website, www.airquee.com/contact.

For all guidance relating to the safe use and operation of a sealed inflatable including safe positioning, anchoring, inflation/deflation, and regular checks please refer to our Sealed Land Inflatable Operation Manual. A copy of this can be downloaded by scanning the QR code on the filler pipe of your product or by visiting www.airquee.com/manuals.



As owner/operator it is your responsibility to write and carry out your own risk assessment before attempting to use this product. This manual, together with the Sealed Land Inflatable Operation Manual must be read before attempting to setup/use the product.

Additional Equipment

Manometer	Hand Held Fan
 Or 	

- The above equipment can be purchased in addition to your product. If you don't already have these, you will need to purchase them.

Extra equipment you could consider for your new airtight mattress:

- Ground sheet to protect the underside of your mattress.
- Trolley to move your mattress safely.



This inflatable can come in many different sizes. Due to this you will need to assess the weight and adjust the number of people according to manual handling training and use the correct equipment to move the inflatable. You should conduct your own manual handling risk assessment to determine a safe set up procedure and number of people required based on your circumstances.

For information regarding dimensions, weight, etc please refer to the email we sent you with the finished pictures and data.



The air in the mattress can expand and contract as the temperature changes. The over pressure valve will ensure the pressure does not get too great. If pressure is released due to hot conditions, air will need to be added again as conditions cool and the air contracts.

INTENDED USE OF THE PRODUCT

The airtight mattress can be used to perform gymnastic moves (under the correct supervision of a trained person). It can also be used as a soft, play mattress for various activities and games. The mattress can be contained within a cage for example and used to play football.



OPERATING GUIDELINES/RULES OF PLAY

- **Do not allow the inflatable to come in contact with any sharp or pointed object. You should never allow items such as keys, necklaces, watches, glasses or anything sharp on the surface of the mattress.**
- **Never allow shoes on the mattress.**
- **Do not drag the mattress on any surface. When positioning it use the supplied carry bag.**
- **Please place the mattress on a clean, flat and even surface.**
- **No one with any preexisting injury or health concern should use the product unless under specific trained guidance.**
- **Always use the supplied fans. A higher capacity fan could easily overinflate the product.**
- **All valves must be closed at every inflating/deflating procedure.**
- **Depending on the activity being performed suitable supervision should ensure users are not able to come into contact with each other.**
- **For gymnastic activity users should enter from one end and exit from the other to ensure users do not come into contact with each other.**
- **Since the mattress has no anchor points, IT IS FORBIDDEN TO USE IT IN AN OUTDOOR ENVIRONMENT.**
- **Always try to keep the mattress in an inflated state. It is vital for its longevity. Deflating it may stress the material especially at the folded corners.**
- **The supervisor should periodically check the firmness of the mattress. This can be done with the air valve pressure tester. If the mattress is showing signs of being soft, its use as impact with the ground may occur.**

For more information regarding operating guidelines and rules of play please see the Sealed Land Inflatable Operation Manual.

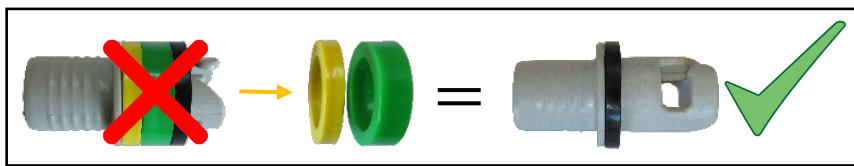
THE FAN - Inflation/Deflation



PLEASE READ THE USER MANUAL OF THE FAN BEFORE ATTEMPTING TO USE THE FAN!

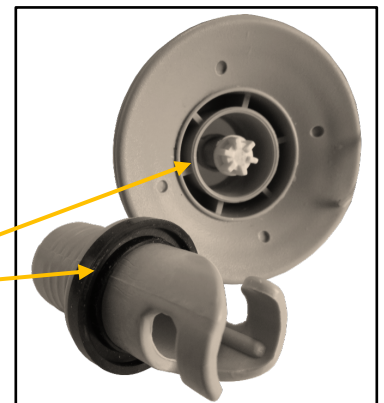
All sealed inflatables use a handheld fan. For safety reasons it is vital to **USE THE FAN INCLUDED WITH YOUR PRODUCT** (or one with similar specifications) when inflating your product.

The hand fan comes with an extra adaptor. This adaptor has 2 extra plastic pieces (green and yellow) they may need to be removed, depending on the exact valve type. They are there to provide a tight fit but if the connector doesn't fit into the valve fully one or both will need to be removed.

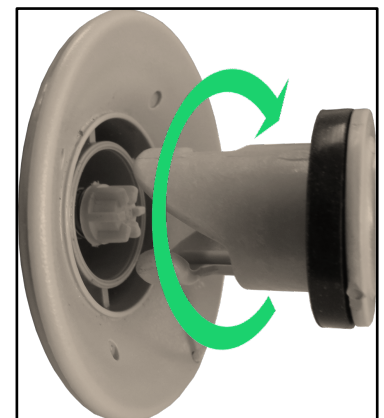


The **recess of the black rubber must face outwards**. This way it surrounds the edge of the valve and creates an airtight connection.

THE RECESS OF THE BLACK RUBBER WASHER SURROUNDS THE EDGE OF THE VALVE

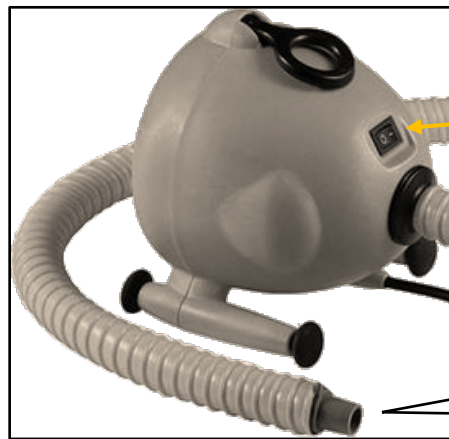
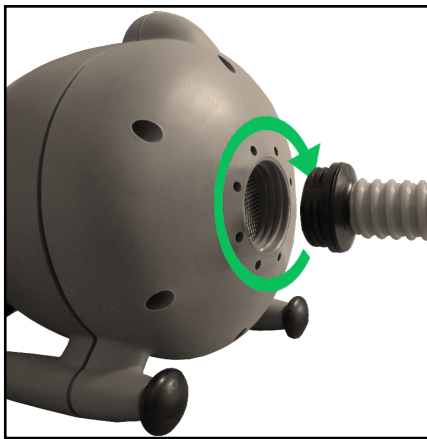


When connecting the adaptor to the valve you must insert and **twist**.

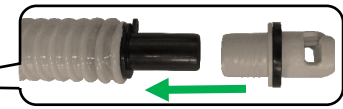


The supplied fan is **1000 watt** and capable of delivering **1700 litres** of air per minute.

It is extremely important not to use a fan that can deliver air faster than this or with more power. When the inflatable reaches its maximum pressure the over pressure valve will open and start to release air. The fan specification ensures the air going in does not exceed the air leaving through the over pressure valve. While the operator should never allow this situation, it is a safety mechanism to prevent over inflation.

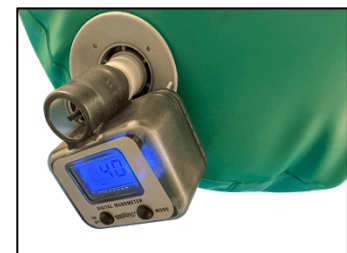
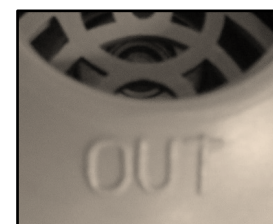


ON/OFF BUTTON



Inflation Process:

1. Remove the red cap on the overpressure valve
2. Locate the valve and remove the cap.
3. Connect the pipe to the fan using the hole marked with "OUT".
4. Connect the adaptor to the valve.
5. Switch ON the fan and begin inflation
6. Once the inflatable has taken shape, but is not yet too firm, turn off the fan and remove.
7. Turn on the manometer and push it firmly into the valve, take note of the reading.



Operating Pressure should be:

Children: 100 millibar (1.45 PSI)

Adults: 130 millibar (1.88 PSI)

Maximum operating pressure: 160 millibar (2.3 PSI)

8. Based on the reading, switch back to the fan and continue inflation if needed.
9. If the reading is more than 160 millibar (2.3 PSI) remove the manometer and press the centre of the valve to release some air.

Maximum achievable pressure using the supplied fan should not be more than 200 millibar (2.9 PSI). At this point the over pressure valve will open.



IMPORTANT: DO NOT LEAVE THE PRODUCT UNATTENDED WHILE INFLATING/DEFLATING AND DO NOT TRY TO OVERINFLATE THE PRODUCT.

Deflation Process:

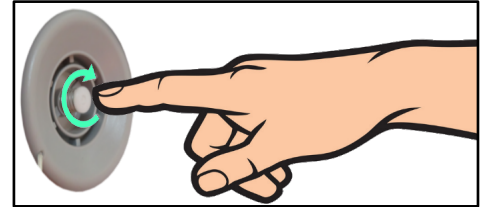
1. Locate the valve and remove the cap.
2. Connect the adaptor to the valve.
3. Connect the pipe to the hole marked "IN".



4. Switch on the fan and deflation will begin.
5. Once all the air has been withdrawn from the inflatable disconnect the fan.
6. Do not leave the fan running when all air has been withdrawn as this will overheat the fan.

Manual Deflation:

1. Locate the valve and remove the cap.
2. Locate and depress the centre stem of the inflation/ deflation valve turning it 90 degrees to lock into the depressed position.
3. Leave the inflatable for 5 - 10 minutes to allow the air to escape.



OVERPRESSURE VALVE

An overpressure valve is designed to open and relieve excess pressure from the equipment and to reclose and prevent the further release of air after normal conditions have been restored. An overpressure valve is a safety device, not a process valve or pressure regulator, and should not be misused as such. It should be used for overpressure only, and it cannot be used to inflate the unit.



The lid of the overpressure valve should be opened during inflation process and can be closed once this process is complete, since it has a small hole on the top to let minor air adjustments escape.



If there are large changes of pressure for any reason, a lot of air will be expelled through the over pressure valve. Once the cause of the over pressure, most likely temperature or external pressure, is removed the inflatable will become soft and will need to be tested and adjusted as required.

SETUP

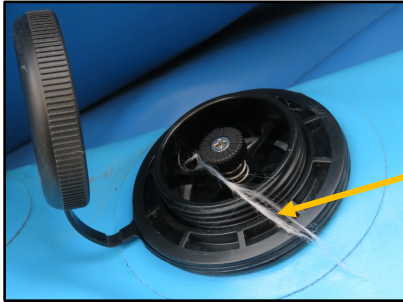


The Airtight Mattress is designed for INDOOR use only. Do not use this product outdoors.

- Manoeuvre the mattress into position using a suitable sack truck or trolley.
- Fully unfold the mattress and adjust its position if required.
- Attach the fan to the valve. On large mattresses, if more than one valve is present you can use more than one fan.
- Follow the instructions above on how to properly inflate and check the pressure of your mattress.
- NEVER leave the fan(s) unattended while the mattress is being inflated.
- Once inflated ensure valve and over pressure caps and put in place and completely remove the fan and any extension lead used from the area.

- If your mattress has a top sheet installed check it is still in position and all attachments are correctly in place.
- BEFORE first use, the mattress should be walked over (without shoes) to check the pressure and to inspect for any defect.

Make sure the valves are free of dangling threads. If threads are sticking out of the valve, use the fan to blow it back inside the mattress before closing the valve. If not, the valve will leak air, and the mattress will lose pressure over time.



**THE THREAD HANGING OUT
PREVENTS THE VALVE FROM
CLOSING PROPERLY**

VALVE APPEARANCE MAY VARY

AFTER USE

- If the mattress is being used in a permanent location it can be left inflated.
- Always make sure the area cannot be accessed when the product is not intended to be used.
- When next used, even if only after a short time, a pressure test and walk over must take place to ensure it is still safe for use.
- To deflate the mattress the valve can be locked open and most air will escape.
- To fully extract all air connect the fan in reverse mode and use the instructions in the fan section above.
- Never leave the fan unattended when it is sucking air out of the mattress. When the air inside the product runs out the fan will get very hot very quickly. You must stop the fan before this happens.
- Once all air is out of the mattress it can be carefully folded/rolled.
- Ensure enough people are used as the product is very heavy.
- Never fold the mattress tightly or apply pressure to the folds. Doing this can damage the welded joints and invalidate the warranty.

STORING

The preferred storing state of the mattress would be unfolded. Keeping it in a folded state for a longer time is not advised. If you must store it in a folded state, do not place anything on the mattress. It may damage the joints, especially where the material is folded and also, in the corner where several folds meet and at the valves.

In addition to the checks that you must perform, all inflatables require an annual inspection. Please refer to local legislation for the specific requirements of the country or region that you are operating in.

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For any further information or guidance please refer to www.airquee.com/contact for the best way to contact us in your country or region.

