

Tripos Cushion (Alternating Air Cushion For Very High Risk Patients)

Maximum patient weight: 200 Kg (45 stone)

General Safety

Before you use your Tri-Pos alternating air cushion, please familiarise yourself with the information in this user manual. Keep this manual in a handy place for future reference.

For your safety and the efficient performance of the system, the following precautions should be observed:

- Do not expose the pump to liquids of any kind
- Always protect the system from open flames
- Avoid the use of Pherol based solutions when cleaning
- Store the system in a clean and dry environment
- Do not store in direct sunlight

NOTE:

The pump unit is fitted with security label seals. Removing or tampering of these seals will invalidate the unit's warranty.

There is a possibility of electro-magnetic interference with other devices. Should this occur, increase the distance between devices.

Set Up

1. Lay the cushion on the chair, noting label showing the back of the cushion. Use the strap(s) to fasten to the chair.
2. Connect the two air tubes to the power unit. Ensure that the air tubes are free from any kind of obstruction and are not kinked. Set the control knob at ten
3. Plug the power unit into the mains and switch on.
4. The Green mains power unit light will come on. Allow 30-45 minutes for full inflation.
5. Once fully inflated, set the control knob on the power unit's upper panel according to the patient's build (for patient of average build, begin at level 5).

If this does not happen:

A: Check that pump is plugged into the wall socket and power turned on. The Green light should now come ON. If the Green light still fails to illuminate: - Check that the wall socket works by plugging in another appliance, such as a lamp.

B: Check that both black air tubes are properly inserted, and tubing is not crushed or kinked.

WARNING

When using the Tripos cushion with electrically operated “Riser and Recliner” arm chairs where you can lift calves and recline backrest electrically), please drape the black air tubes over the arm rest, in order to eliminate a risk of entrapment of the tubing. The entrapment may cause puncture or blockage.

WARNING

ELECTRICAL EQUIPMENT CAN BE HAZARDOUS IF MISUSED. PLEASE TELEPHONE OUR CUSTOMER SERVICES DEPARTMENT SHOULD YOU ENCOUNTER ANY PROBLEMS WITH YOUR UNIT AS UNAUTHORISED REMOVAL OF THE SECURITY SEALS WILL INVALIDATE THE PRODUCT GUARANTEE.

WARNING

DO NOT USE THIS PUMP IN THE PRESENCE OF FLAMMABLE GASES.

WARNING

BEFORE CLEANING THE UNIT, ENSURE THAT THE ELECTRICAL SUPPLY TO THE PUMP HAS BEEN DISCONNECTED. PLEASE REMOVE THE PLUG FROM THE POWER SUPPLY.

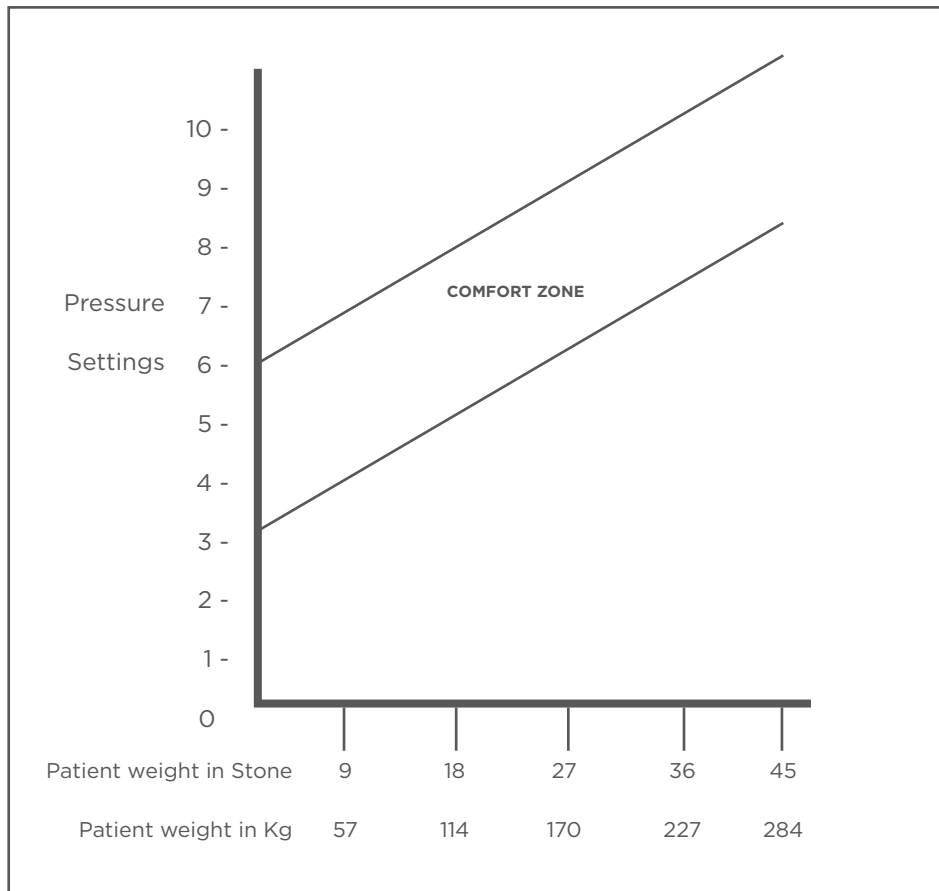
CAUTION

DO NOT USE THIS SYSTEM AS A MEANS FOR TRANSPORTING THE PATIENT WHILST UNSUPPORTED. ELECTRICAL GOODS SHOULD NOT BE USED IN OPERATING THE-ATRES.

TRANSPORT & STORAGE

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RECOMMENDED WEIGHT/PRESSURE SETTING CHART TRI-POS CUSHION



Cleaning:

The Tri-Pos cushion can be cleaned with standard Hospital cleaning agents, or with soap and water. The cover can also be wiped down with sodium hypochlorite solution to a dilute of 1000ppm.

DO NOT USE PHENOLS.

In addition, the cushion casing can be completely unzipped and laundered at 60°C. Heavily soiled items, wash at 71°C. Laundering should be carried out in accordance with HSG (95) 18. TUMBLE DRYIN must be BRIEF.

Repairs or Replacement

A faulty cushion should be suspended if:

1. All the cells are continually soft at the same time.
2. If the patient can be felt “bottoming” through the cushion, even when pressure control knob is set at 10.

Both connecting tubes should be checked to make sure that they have not been displaced, crushed or kinked. If not, then an air leak is likely, which requires the cushion to be removed for repairs. Spare parts can be obtained from OneRehab direct, or through your nearest distributor, and can be easily fitted.

Troubleshooting

1. The customer is unsure as to whether the pump unit is switched on.

CHECKLIST	SOLUTION
Pump is plugged into mains?	Plug fully into socket.
Is main plug on or off?	Turn power on.
Is switch on the pump unit on or off?	Turn switch on.
Check both fuses: in the plug and at the back of the pump (in a black drawer where the mains cable goes) Are the fuses healthy?	Change fuses.

How to change the fuse at te back of the pump:

The fuse is located at the back of the pump in a little drawer where the cable plugs in.

1. Remove the cable
2. Pull the black drawer out
3. You will see two compartments inside the drawer:
One closer to the pump - live fuse
Second further away from the pump - spare fuse compartment (many pumps have a spare fuse inside).
4. Take spare fuse and place it in a live fuse compartment
5. Close the drawer and plug the cable in
6. Turn the pump on and test whether it works

2. The unit has been given 30 minutes to fully inflate at the maximum pressure setting, but the low-pressure light (amber) on the pump is constantly on.

CHECKLIST	SOLUTION
Are all the hoses connected?	Connectors should ‘click’ into place.
Is either of the black hoses leaking?	Contact OneRehab
When pump is held and shaken, does it rattle?	Contact OneRehab

3. The pump unit is switched on, but the cushion is not inflating.

CHECKLIST	SOLUTION
Has the system been given enough time for inflation?	Allow 30 minutes for inflation at max HG.
Disconnect hoses from pump and check airflow.	Check for kinks (un kink where required).
If there is still no airflow evident.	Contact OneRehab
Is the pressure set in the suggested weight range?	Correct the pressure gauge setting.

4. The System does not appear to be alternating.

CHECKLIST	SOLUTION
Kinks in the black tubing?	Untwist kinks and recheck.

5. The pump is operating with a noise.

CHECKLIST	SOLUTION
Is the pump resting against solid surface?	Re-site the pump.
Pump is still noisy.	Lay pump on different side.

Transport Mode/Power Cuts

If the patient is being moved within the hospital on the cushion, or there is a power cut, general pressure can be maintained in the system for an adequate period of time whilst disconnected from the mains.

Kink the hoses to retain as much air as possible, then simply disconnect the two air supply tube fittings from the power unit by pressing the silver catches with your thumb, and insert one into the other. The air pressure in the cushion will now equalise but maintain a degree of comfort.

It is important to restore the Tripos alternating cushion as quickly as possible by reconnecting the supply tubes to the power unit.

Annual Maintenance

Any maintenance must be carried out by qualified personnel authorised, in writing, by One Rehab Ltd.

Power Unit

1. Inspect all filters - If filter is dirty, clean the filter or replace with a new one.
2. Remove timer top and clean all dust and grease off with a cloth and a screwdriver to get into all the grooves.
3. Ensure that all the hoses inside and outside the pump are kink and split free. If any splits are found, replace the tubes. Pay attention to the junction of the black tube and the power unit where fatigue may occur. Check that there are no splits further along the black tubes.
4. Ensure that all the hoses inside and outside the pump are not brittle and are securely attached.
5. Check that the pump is giving enough pressure on the maximum output. Using a pressure gauge, at least 90 mmHg of pressure is recommended. The pressure should vary as the pressure control is rotated. if not high enough, then consider replacing the compressor.

6. At maximum pressure setting, check that the pump produces at least 3 litres of air at open flow.
7. Check that the pressure control knob is working to the correct range, if not, replace the pressure control.
8. Check that the alternating timer is rotating, and the valve is not leaking. Replace if faulty.
9. Check that all the indicators are working, if not, then replace the faulty indicators.
10. Inspect state of power cable and check plug.

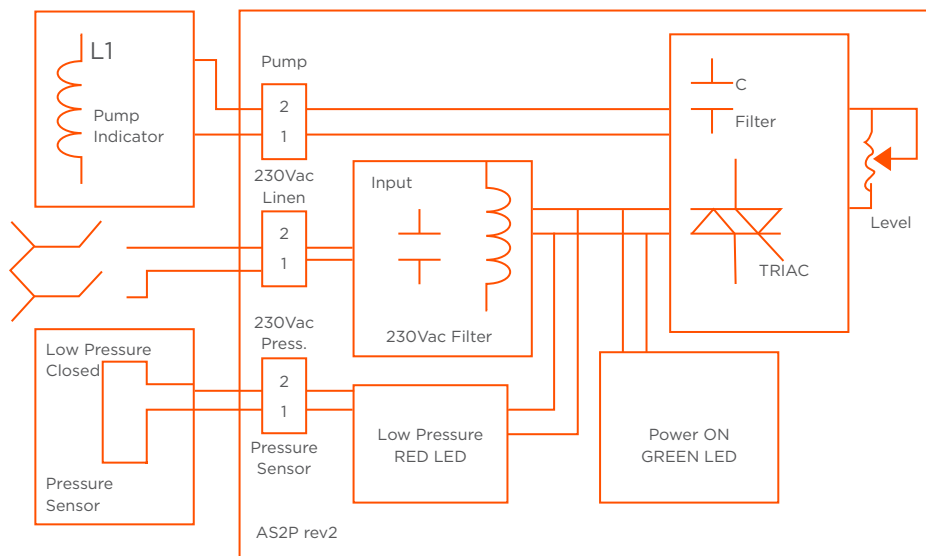
Cushion

11. Inspect all fastening straps.
12. Check that all zips are fastened.
13. Unzip cushion cover to watch operation of air cells, observe whether there are any stains from leaks in the cover. Listen carefully at each junction of black air supply tube of each air cell.
14. Great care should be taken to ensure that no damage is done to the black tube in carrying out any repairs.

N.B. All spare parts are sold on the basis that repairs are carried out at the owner's responsibility.

Pump Unit - Made in Europe

Circuit Diagram:



Warranty

1. Pump

All Pump units have a warranty for a period of 1 year following the date of receipt. Each unit is fitted with security seals, which, if removed or tampered with, will invalidate the warranty.

2. Cushion

All cushions are warranted for a period of 1 year, effective from the date of receipt.

3. Warranty

The recipient of the warranty must first notify us about the fault. The Company warrants to repair off site or replace any equipment issued to its customers, which is found to be faulty during the relevant warranty period.

The Company's warranties are subject to the following conditions:

- a) the equipment has been used for the purpose for which it was intended, and not subject to abuse. Cuts and puncture damage caused by sharp instruments are not covered.
- b) the usage has been on a "fair wear and tear" basis
- c) the Company's cleaning and disinfecting guidelines have been followed
- d) the Company's maintenance guidelines have been followed
- e) A person authorised by One Rehab Ltd has carried out maintenance.

Your rights under the Sales of Goods Act 1979, and any other statutory rights are not affected.

Returns Procedure

Should you have a problem with your installation or a malfunction of the unit, please call the One Rehab help line telephone number given on the label of your Unit. A trained member of staff will then offer guidance to solve the problem by telephone.

Please note - Due to the risk of contamination, under no circumstances will any used unit be accepted back at One Rehab Ltd unless prior arrangements have been made with us and an authorisation for the units' return has been issued to you. You will need to arrange cleaning and decontamination of the unit prior to return. This can be arranged by telephoning our returns department on Tel: 01428 708030.

It is the responsibility of the purchaser to seal any used equipment and give it to the collecting driver in a safe and clean form (HSG (93) 26) as recommended by the MHRA and to sign a declaration that cleaning of the surfaces has been carried out prior to the equipment being collected.

The purchaser must record clearly on the collection note when/if the unit has been in contact with any patient with a contagious disease likely to be transmitted to staff, especially Hepatitis B and/or H.I.V. Infected items, this shall include equipment used with patients suffering from or suspected of C-dif, M.R.S.A., Enteric Fever, Salmonella infections, Dysentery, Hepatitis C, open pulmonary Tuberculosis, notifiable and other infections specified by the Infection Control Officer as hazardous to staff. The purchaser should ensure that collection staff do not enter a barrier nursing room.

Should any faults found be the result of misuse any repairs found necessary will be advised and charged accordingly. The purchaser must confirm by fax/e-mail, the time and place available for collection, as unsuccessful agreed collection journeys will be charged.