

# Raiser Lifting Cushion

## User Instructions



*Simple solutions for everyday independence*



Ensure that you read and understand this instruction manual **before** using this product. Failure to follow the instructions and safety precautions in this manual can result in damage and/or serious injury.



**Please keep these instructions in a safe location for future reference**

### **WARNINGS (Risk of possible injury or other serious adverse reactions)**

- Do not operate the Airflo compressor in the presence of flammable anaesthetic mixtures with air, oxygen or nitrous oxide, as these mixtures can create a combustible environment leading to the potential for fire or even an explosion in the presence of a spark.
- Do not use the Raiser Lifting Cushion if under the influence of alcohol or if taking medication which may affect your ability to exercise judgment, coordination or motor control.
- NEVER use the Raiser Lifting Cushion as a step, stand or as a device for lifting items.
- The Raiser Lifting Cushion should only be used for its stated purpose and should not be modified in any way.
- Ensure that when in use, the Airflo compressor, the hand control lead and air hose are laid out in such a way as to avoid any risk of tripping or strangulation.
- Do not allow children to play with the Raiser Lifting Cushion or Airflo as operation of the equipment in an uncontrolled or unsupervised situation may lead to personal injury and/or damage.
- To avoid personal injury during use and/or damage to the equipment, keep animals away from the Raiser Lifting Cushion and Airflo compressor.
- Regularly check that there are no obvious signs of damage. If in doubt, do not use and seek advice from your supplier.
- Only use the Raiser Lifting Cushion in a chair that has armrests.
- To avoid the risk of electric shock, NEVER recharge the Airflo battery in the bathroom, outdoors or in a damp environment.
- Do not use any other air supply to inflate the Raiser Lifting Cushion.
- Ensure that the Raiser Lifting Cushion is protected from sharp objects.

### **CAUTIONS (Risk of possible problems including device malfunctions, device failure, damage to the device or damage to other property)**

- Only recharge the battery with the Mangar Health battery charger supplied with the Airflo compressor.
- Never use hot air to dry the Raiser Lifting Cushion following cleaning as this may affect the integrity of the welded seams and fabric and lead to premature failure of the cushion.
- Disconnect the Airflo compressor from the Raiser Lifting Cushion before transporting so as to avoid accidental inflation of the cushion.

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## Product Description

### Intended Use

The Raiser Lifting Cushion is intended solely for use as a lifting aid to assist a person to raise themselves from and lower themselves into an armchair. Users should have sufficient upper body strength to be able to hold the armrests for added support if required. The Raiser Lifting Cushion is not intended for any other use and should never be used as a step or for lifting items. When properly maintained, the Raiser Lifting Cushion will give many years of trouble free service.

### Construction

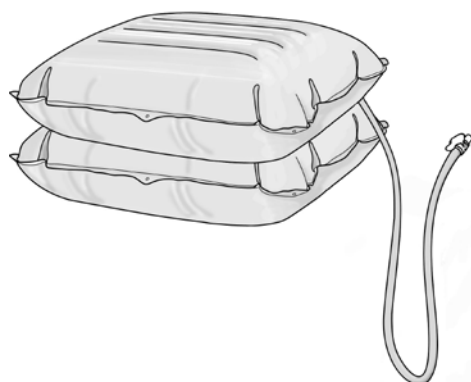
The Raiser Lifting Cushion is constructed from a very strong polyurethane coated nylon material which has been precision cut into panels and then joined together by high frequency welding. This produces a very strong light weight and air tight construction. The Raiser Lifting Cushion incorporates a quick exhaust valve which allows the cushion to fully deflate without the need to keep pressing the down button on the hand control.

The Raiser Lifting Cushion is powered by the Mangar Health Airflo Mk3 battery powered compressor. PLEASE READ the separate Airflo Mk3 compressor instructions before using your Raiser Lifting Cushion.



### Standard Product Contents

- 1 x Raiser Lifting Cushion
- 1 x User Instructions



## Getting Started

The Airflo does not have an 'on/off' switch. To operate the compressor or activate the Battery Status Indicator, connect the hand control and momentarily press either the 'Up' or 'Down' button.

If the Airflo is not used for approximately 5 minutes it will go into 'sleep' mode and the battery status indicator light will go out.

## Battery Status Indicator

Before use, check that the battery is sufficiently charged (see 'Getting Started'). If the battery is fully charged, the indicator light (**A Fig. 1**) will show a steady Green light.

*Steady Green* = Fully charged.

*Flashing Green* = Recharge soon.

*Steady Red* = Recharge immediately  
(will not deflate).

*Flashing Red* = Over temperature cut-out  
(will not deflate or inflate).

NOTE: If charge is too low the 'Down' button on the hand control will not work.

The Airflo needs to be recharged when the indicator light is flashing Green.

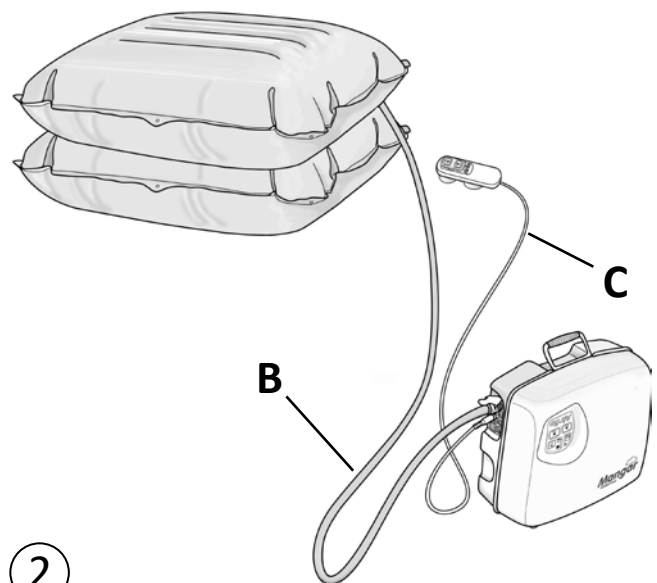
**Charge the battery overnight before first using the Airflo.**

## Connecting

- Position the Raiser Lifting Cushion on the armchair so that the air hose is at the rear.
- Connect the air hose (**B Fig. 2**) and the hand control lead (**C**) to the Airflo.
- Place the hand control within easy reach.



1



2

### Operating - (Figs. 3 & 4)

- Keep your feet firmly on the floor, slightly apart and as close to the front of the armchair as possible.
- With your hands on the armrests to steady yourself, lean forward and transfer your weight to the front of the seat.
- To rise, press and hold the “Up” button on the hand control. Release the button to stop at any height.
- To lower, press “Down” on the hand control. To stop lowering at any point, momentarily press the ‘Up’ button.
- After leaving the seat, press and hold the ‘Down’ button until the initial release of air has occurred. The Raiser Lifting Cushion will carry on deflating after the ‘Down’ button is released, ready for when the cushion is next used.

NOTE: If the air hose is disconnected, the Raiser Lifting Cushion will deflate.

3



4



### Cleaning

#### Routine cleaning

- Fully inflate the Raiser Lifting Cushion for cleaning.
- All components can be cleaned with a proprietary non abrasive mild liquid cleaner or disinfectant. Always follow packaging instructions for using mild detergent products. **NOTE:** Before using proprietary cleaners, always test on an inconspicuous area.
- Use a soft cloth when cleaning.
- Do not wash the product in boiling water.

IMPORTANT: Following cleaning, rinse thoroughly with clean water to remove all soap deposits. Wipe dry or leave to air dry. Never store the Raiser Lifting Cushion when it is wet or damp. Do not leave in bright sun light. **Do not dry using hot air.**

### *Disinfection*

- The Raiser Lifting Cushion should be fully inflated and pre-cleaned by washing with detergent and water, thoroughly rinsed and then disinfected using a 1:10 solution of household liquid bleach and water (1 part bleach to 10 parts cold water). Leave the solution on the Raiser Lifting Cushion for approximately 10 minutes before thoroughly rinsing off with clean cold water.

**WARNING:** Never mix bleach with any other cleaning product as doing so can result in the formation of harmful acids and poisonous gasses which can cause serious breathing problems.

### **Maintenance**

Other than routine cleaning and disinfecting, the Raiser Lifting Cushion is maintenance free.

Mangar Health recommends that your Raiser Lifting Cushion is inspected annually by either your supplier or other suitably qualified person. If required, Mangar Health can provide an inspection within an annual service contract. Please contact our Customer Service Department for further details.

### **Transportation / Storage**

Disconnect the Airflo compressor from the Raiser Lifting Cushion before transporting so as to avoid accidental inflation of the cushion.

Ensure that the Raiser Lifting Cushion is clean and thoroughly dry before storing. Failure to thoroughly dry the cushion before storage may result in a build-up of mould on the surface of the product leading to a weakening of the fabric and consequential invalidation of the product warranty. Store in a dry environment.

To maintain the Airflo battery when being stored for long periods, put the Airflo on charge overnight every 3 months.

### **Disposal / Recycling**

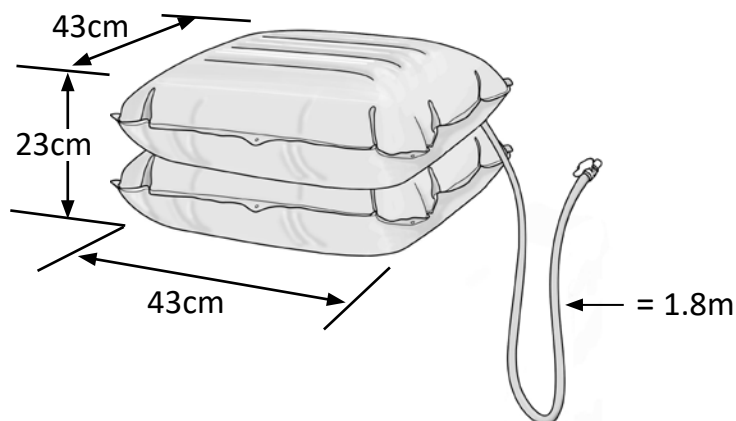
When the Raiser Lifting Cushion has reached the end of its working life, dispose of it at your local household waste recycling centre (civic amenity site).

When the Airflo has reached the end of its working life, remove the batteries for safe disposal in accordance with your local council guidelines, and dispose of the Airflo at your local household waste recycling centre (civic amenity site).

| Troubleshooting  |  |
|--|--|
| Problem  | Remedy   |
| Compressor does not run when 'Up' is selected on the hand control.   | Ensure that the air hose from the Raiser Lifting Cushion is connected to the Airflo.                                     |
| Compressor keeps stopping when trying to inflate the Raiser Lifting Cushion.   | Check that there are no kinks in the air hose.   |
| Battery State Indicator light flashing 'Red/Green'.  | This happens when the current overload cut-out has tripped. Leave for 3 seconds to self reset.                           |
| Battery State Indicator light flashing 'Red'.  | This happens when the compressor's internal temperature cut-out has tripped. Leave the Airflo for 60-90 minutes to cool. |
| Compressor causes electrical interference with another piece of electrical equipment.  | Move either the compressor or other item further away from each other until the interference stops.                      |
| <b>For further assistance with resolving a problem please contact our Customer Service Department by calling +44(0)1544 267674 or email <a href="mailto:sales@mangar.co.uk">sales@mangar.co.uk</a></b> |  |

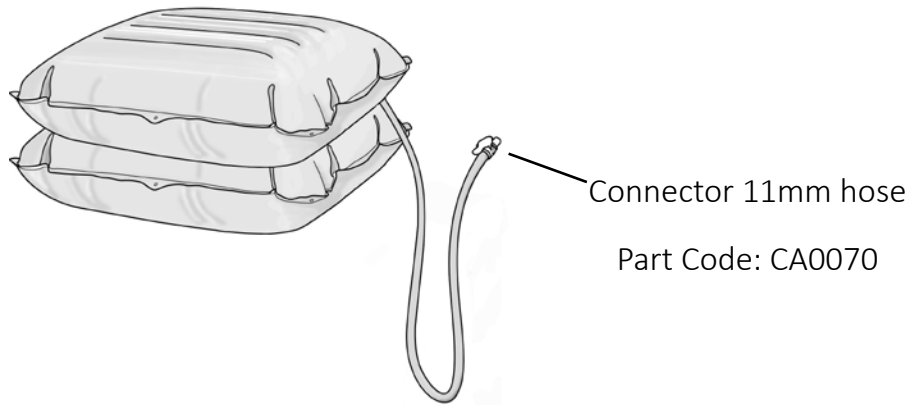
### Specifications

|                         |                 |
|-------------------------|-----------------|
| Rated Load:             | 190kg (30st)    |
| Inflated height:        | 23cm            |
| Inflated width:         | 43cm            |
| Inflated length:        | 43cm            |
| Weight:                 | 0.70kg          |
| Maximum inlet pressure: | 0,35 bar (5psi) |
| Max / Min temperature:  | +50°C / -15°C   |





**Spare Parts**



**Warranty**

The warranty is given against defects in material and workmanship and comprises piece, parts and labour. The warranty is not valid in the case of fair wear and tear, wilful damage, common neglect, misuse or unauthorised alteration or repair by unqualified persons.

The following statements do not affect the consumer’s statutory rights. This product is sold on the understanding that in the event of any defect of manufacture or material appearing within the warranty period, the defect will be rectified free of charge providing that:

- (a) Reasonable evidence is provided (e.g. purchase invoice, delivery note) that the claim is being made within the warranty period.
- (b) The defect is not attributable to accidental damage (either in transit or otherwise), misuse or unauthorised repair.

Raiser Lifting Cushion serial number: .....

Date of purchase: .....

Invoice/Delivery note number: .....

**DECLARATION OF CONFORMITY**

**This is to certify that:-**

The  
Raiser Lifting Cushion - HMA0100

**complies with:-**

*The requirements for Class 1 devices according to Annex VII of the Medical  
Devices Directive 93/42/EEC as amended by 2007/47/EC*

**Signed:**



Date: November 2016

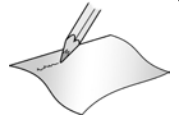
A. Donald (Finance Director)

Mangar International Ltd

**Mangar**  
HEALTH



Mangar International Ltd, trading as Mangar Health, reserves the right to alter product specifications and/or any of the information contained within this document without notice.



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