



## INTRODUCTION

### Cushion System

The flotation cushion is made of Neoprene that ensures the balance and protects the patient from the risk of forming pressure sores and tissue deformation. It can perfect body weight distribution, exploiting to the utmost pressure relief in every possible position to support surface. In addition, it adapts itself to the individual shapes of the patient and allows the full immersion of the sacrum and ischial.

Different from other cushion suppliers, we also provide **E-manometer™** for users as an option for accurate patient placement and health management.

**E-manometer™** is an auto inflation pump which can precisely set and adjust cushion's internal pressure by different users to reach the most effective pressure manage, pressure release and the best protection and anti-bedsore effect. From 0mmHg to 50mmHg, every mmHg is a unit and is visible through LED or LCD screen. Furthermore, its small size, rapid inflation and easy operation will be convenient for user.

### For whom Flotation cushions cushions are designed?

- ▶ For anyone who is uncomfortable in the sitting position
- ▶ For wheelchair users
- ▶ For anyone who has to stay in the sitting position for an extended period (e.g. for the aftercare of an incident or an illness, elderly people, etc.)
- ▶ For anyone who is risking developing pressure sores
- ▶ For anyone who has to adjust pelvic obliquity

### What do we use the flotation cushions for?

- ▶ For the correct positioning of the pelvis and the lower extremities, the pelvis and the lower extremities provide a stable base for the trunk, head and neck and the upper extremities
- ▶ For pressure relief
- ▶ For prevention of skin breakdown

**We recommend that in any case the best way to prevent the formation of the pressure sores is to constantly change the pressure points by making the patient stand up or lifting them up regularly.**

## MODEL & SPECIFICATION

### Mai-Air Mate™ Flotation Cushion

#### Specification:



Model One section	Model Two sections	Dimension (WxDxH)
2MAM1414S	2MAM1414D	14 x 14 x 2.4
2MAM1616S	2MAM1616D	16 x 16 x 2.4
2MAM1618S	2MAM1618D	16 x 18 x 2.4
2MAM1816S	2MAM1816D	18 x 16 x 2.4
2MAM1818S	2MAM1818D	18 x 18 x 2.4
2MAM2018S	2MAM2018D	20 x 18 x 2.4

### Mai-Air Pad™ Flotation Cushion

#### Specification:



Model One section	Model Two sections	Dimension (WxDxH)
2MAP1414S	2MAP1414D	14 x 14 x 2.4
2MAP1616S	2MAP1616D	16 x 16 x 2.4
2MAP1618S	2MAP1618D	16 x 18 x 2.4
2MAP1816S	2MAP1816D	18 x 16 x 2.4
2MAP1818S	2MAP1818D	18 x 18 x 2.4
2MAP1820S	2MAP1820D	18 x 20 x 2.4
2MAP2018S	2MAP2018D	20 x 18 x 2.4

### SUIT™ Flotation Cushion Specification:

Model	Description	Dimensions (DxWxH inch)
MS1816	Four inflate sections: 3 sacral sections and one bottom section	18 x 16 x 2.8

### Mai-square™ Flotation Cushion Specification:

Model	Description	Dimensions (DxWxH inch)
2MQ1816	One inflate section	18 x 16 x 2.1
2MQ1616	One inflate section	16 x 16 x 2.1

## PACKAGING

▶ **BEFORE USING THE SYSTEM, PLEASE CHECK THE CONTENTS OF PACKAGE.**

### Cushion System Package Included

- ⊙ Cushion.....x1
- ⊙ Cushion cover.....x1
- ⊙ Hand pump.....x1
- ⊙ User manual.....x1
- ⊙ Warranty.....x1

## HOW TO USE

<p>On Off</p>	<p>Left figure: On/Off from valve</p> <p><b>Clockwise:</b> to close the valve</p> <p><b>Counterclockwise:</b> to open the valve</p>
	<p>Step 1</p> <p>Put the cushion on the wheelchair and ensure it is stable.</p>
	<p>Step 2</p> <p>Turn the valve Counterclockwise to open it.</p>
	<p>Step 3</p> <p>Connect the rubber head of the hand pump and the valve, and then inflate the cushion.</p>
	<p>Step 4</p> <p>1) Left hand press and disconnect the rubber head from the valve</p> <p>2) Turn the valve clockwise to close the valve</p>
	<p>Step 5</p> <p>Tenderly move the user to the cushion, and ensure he/she sits stably.</p>
	<p>Step 6</p> <p>Tenderly insert your hand in between the butt and cushion. Lift the user's thighs and ensure the sacrum parts touch the cushion surface, then put the thighs down.</p>

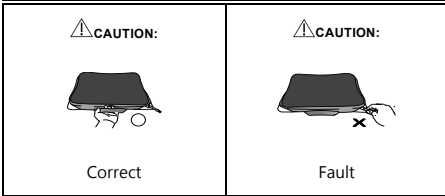


**This instruction manual applies to all series flotation cushions.**

**Step 7**  
 Left hand insert in between the butt and cushion (as Step 6), right hand turn the valve counterclockwise to deflate the cushion. To ensure:

- 1) Left hand can easily move back and forth in between
- 2) The height in between the butt and thighs is around 1.25cm ~2.5cm

Finally, turn the valve clockwise to close the valve.



## CLEANING AND WASHING

Store the cushion in a dry place

- ▶ Temperature range: 0~40°C
- ▶ Humidity range: 10~90%RH
- ▶ There may be up to a 10% tolerance of all specifications.

### RECOMMENDATION

1. Regulate the cushion internal pressure with the hand pump every 5 days to keep the good condition for seating. To adjust the cushion air pressure, especially while the ambient temperature or altitude changes a lot.
2. Ensure to wear cushion cover onto the cushion before using the Flotation Cushion, and wear pants just in case of skin allergy.
3. To avoid any incidents when sitting on the flotation cushion, please do use our slip-resistant cover; please DO NOT sit on the cushion without cover!

### CAUTION

- **This cushion is for one-person use at a time.**

## CUSHION COVER

All the flotation cushions are included with a cover that helps to protect the cushion surface. The bottom of the cover is made of slip-resistant material that fastens the cushion to the chair and helps to keep the patient in balance.

To cover your cushion, follow simple instructions STEP BY STEP:

- 1) Unfold the cover, slip-resistant base facing downward and the zip upwards
- 2) Place the cushion to the cover, cell part upwards and the side with the cushion valve goes into the cover at first.
- 3) Push the cushion gently to the cover. It may be necessary to shake the cushion side by side in order to make the cushion slips in.

## STORAGE

### CUSHION

- 1) Wash the cushion with water and a neutral detergent
- 2) Wipe the cushion using wet clothes and rinse with cold water
- 3) Air dries your cushion

### CAUTION

- **DO NOT use non-neutral detergent**
- **DO NOT wash cushion in a washing machine**
- **DO NOT use a heat or steam autoclave**
- **Keep cushion away from direct sunlight**
- **For hygiene reasons, each cushion should be used on one patient only**
- **DO NOT put Mai.valve into the water that will damage Mai. valve**

## CLEANING AND WASHING

### COVER

- 1) Wash in the washing machine with cold water and washing powder or liquid detergent; rinse with cold water, and air dry
- 2) Wash periodically



### CAUTION

- **DO NOT use drier, heater or bleacher**
- **DO NOT iron**
- **Cover should be washed for 20 times only.**

## REPAIRING

Any damage from the cushion might happen during the warranty, please contact our company for the after service.

### WARNING

1. Keep the cushion away from sharp objects
2. Avoid exposure to fire flame and sun shine
3. Protect your cushion from hot cigarette butts
4. The weight limit on the cushion is 150 kg, DO NOT overload
5. DO NOT use after it has exceeded its' maximum tenure of use
6. DO NOT use once the cushion is destroyed by external force
7. Before sitting down, make sure no unusual objects are on the cushion
8. The cushion should be used individually, DO NOT use with other heating or freezing

## CONSUMING PARTS

Model Name	Condition to change	Remarks
Valve	1. Replace when air leaks from the valve.	
Cushion Cover	1. Damage under normal use 2. Zipper broken	
Hand Pump	1. Change every two years 2. Damaged pump, cannot inflate 3. Damage on Push Bar 4. Damaged on Valve	
Rubber Tube	1. Elasticity lost and poor air tight 2. Damage on tubing	

# Flotation Cushion 1-Year Limited Warranty

SINGA TECHNOLOGY CORPORATION covers any defects in materials or workmanship of the cushion, under normal use and specified conditions, for a period of one year from the date the cushion was originally purchased as a new cushion.

SINGA shall not be responsible for incidental or consequential damages with respect to economic loss or injury to person or property, whether as a result of breach of warranty, negligence or otherwise. SINGA will not be responsible for the results of careless handling or unreasonable use.

Any impelled warranties arising by operation of law shall be limited in duration to the terms of this warranty. This warranty gives you specific legal rights, and you may have other rights that vary from state to state.

For any further information, please contact our Customer Services Department.



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