



***Air comfort***

User Manual

**Deluxe V2**

**ADAPTABLE  
PRESSURE  
RELIEF**



**Active Mobility**



Healthcare Solutions

# Safety Precautions

The **Deluxe V2** has been designed and manufactured with safety and function in mind for both the occupant and operator.

- In the unlikely event of a serious incident please report this immediately to the manufacturer or their authorized representative in your jurisdiction.
- The MAXIMUM user weight is 180kg. (Small, Medium and Standard)
- The MAXIMUM user weight is 300kg. (Deluxe V2 Maxi)
- This Deluxe V2 has been designed for indoor use only (not including wet areas).
- Always lock ALL the castors when the Deluxe V2 is stationary.
- Users MUST read and follow the user manual to ensure all instructions are followed and not compromised.
- Follow the maintenance and cleaning instructions to extend the life of the Deluxe V2.
- Ensure the occupant is secure in the seat before operating the seat tilt or backrest recline functions.
- Ensure that the occupant is fully supported at all times when operating the optional forward seat tilt functions.
- If using a patient sling, the patient should remain supported by the sling until the bed is adjusted from forward seat tilt to flat/rear tilt/recline.
- Do not sit on raised leg rest, serious user injury or damage to the bed may result.
- This bed has been design for short transits only. Do not use the bed as a wheelchair for extended client transits
- Do not use the bed in motor vehicles. The bed has not been designed to be used as a seat in motor vehicles.

## Electric Models

- Confirm electric battery is fitted correctly. Ensure battery is charged and tested with all 3 seat functions.
- Ensure that Emergency Stop button is disengaged (press to engage – turn counter clockwise to disengage)
- Do not use in wet areas including showers. For indoor use only.
- Electric model comes with anterior tip function – do not use footplates (as they may impact floor and risk damage)

# Specifications

## AC59115 Deluxe V2 Maxi Electric

Overall Width	950mm
Overall Length	1360mm
Overall Height	1385mm
Seat Width	720mm
Product Weight	100kg
Max User Weight	300kg

### Castors

3 x 150mm quality total lock grey rubber castors

1 x 150mm quality directional lock grey rubber castor

## AC59112 Deluxe V2 Standard Electric

Overall Width	680mm
Overall Length	1130mm
Overall Height	1260mm
Seat Width	470mm
Product Weight	45kg
Max User Weight	180kg

### Castors

3 x 125mm quality twin total lock PU castors

1 x 125mm quality twin directional lock PU castor

## AC59111 Deluxe V2 Standard

Overall Width	680mm
Overall Length	1130mm
Overall Height	1260mm
Seat Width	470mm
Product Weight	45kg
Max User Weight	180kg

### Castors

3 x 125mm quality twin total lock PU castors

1 x 125mm quality twin directional lock PU castor

## AC59116 Deluxe V2 Medium

Overall Width	670mm
Overall Length	1100mm
Overall Height	1130mm
Seat Width	430mm
Product Weight	45kg
Max User Weight	180kg

### Castors

3 x 125mm quality twin total lock PU castors

1 x 125mm quality twin directional lock PU castor

## AC59114 Deluxe V2 Small

Overall Width	670mm
Overall Length	1000mm
Overall Height	1130mm
Seat Width	430mm
Product Weight	40kg
Max User Weight	180kg

### Castors

3 x 125mm quality twin total lock PU castors

1 x 125mm quality twin directional lock PU castor

## Materials

Mild steel construction

Epoxy powdercoat finish

High and low density Foam

VersoTela Osguard PU and Fusion fabrics\*

TPU air bladders

Linac battery and actuators

(Other material specifications available upon request)

\*Other colour and covering variants not listed here are covered by this user manual, if in doubt please contact: customerservice@kcare.com.au

## **Intended Use Statement**

The device is intended to aid in the prevention of pressure ulcers related to long-term sitting. A series of inflated air cushions are used to minimize pressure points on the user. This device is intended to be used by infirm or elderly persons in a health care setting such as an aged care facility or hospital with the assistance of an attendant or carer.

# Operation

## Castors

All three of the total lock castors on the Deluxe V2 **MUST** be braked when the bed is stationary. The total lock castors have a **RED** brake lever at the trailing end of the castor whilst the directional lock castor has a **GREEN** locking lever at the trailing end of the castor. The directional lock castor can be unbraked to allow the Deluxe V2 to be moved sideways and re-braked to improve straightline tracking of the bed when being pushed.

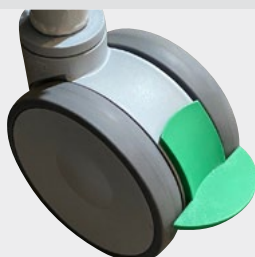
Before engaging the directional castor, push the bed forward and then brake the directional locking castor, setting the castor to it's correct alignment.

## Tracking Castor

Green (front) non-braking.

To assist with front manoeuvring depress green tab to engage tracking lock. An audible "click" will be heard when engaged.

Castor should be inline with bed frame.



**To Brake Castor** using your foot, push lever down



**To Unbrake Castor** using your foot, push top of lever down

**NOTE:** Castors should be inspected daily, ensuring that all foreign matter (hair, lint etc) is removed from the castors as soon as possible, allowing free movement of all castors.

# Operation

## Tilt and Recline Operation

The handlebars on the Deluxe V2 have been ergonomically designed to allow operators of various heights to have a multitude of hand positions, ensuring comfort and maximum leverage when manoeuvring the bed and occupant.



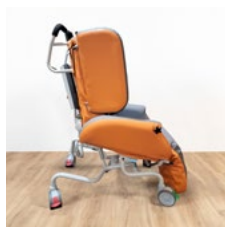
### Backrest Adjustment Lever

Pull in the backrest adjustment lever and adjust the seat as required. Release to set in position.



### Seat Adjustment Lever

Pull in the seat adjustment lever and adjust the seat as required. Release to set in position.

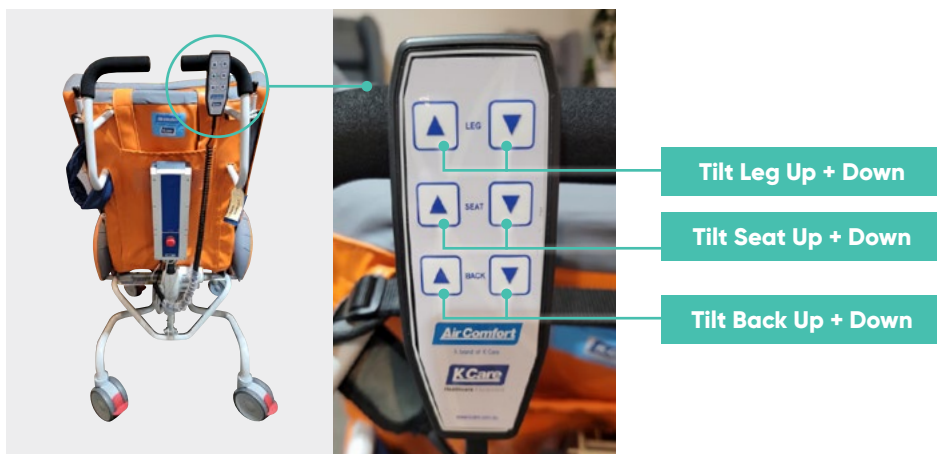


Anterior Tilt – only available in the electric model

### NOTE:

Ensure wings are up when adjusting the seat or backrest of the Deluxe V2.

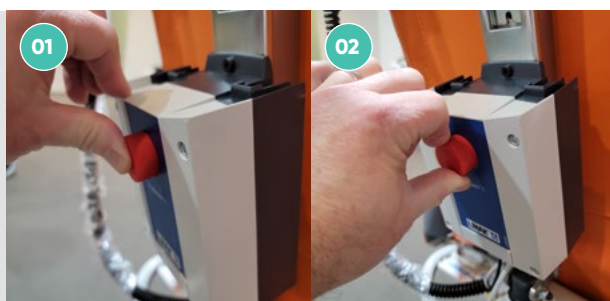
**Tilt and Recline Operation: Electric Version** Use attached handset.



#### **Control Box Emergency Button**

**01** To immediately disable the chair's function, press the red emergency button.

**02** To reset the emergency button, turn the button clockwise (approx. half a turn) until chair operation can be resumed.



# Operation

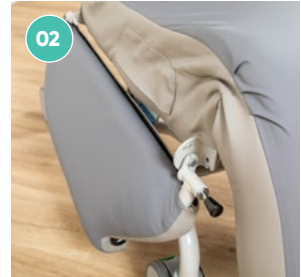
## Seat Arm Adjustment

The seat arms on the Deluxe V2 can be rotated into three set positions.

To rotate the arm to the required position:

**01** pull the black release pin head out and begin to rotate the arm as shown.

**02** Let go of the release pin and rotate the arm until you hear a 'CLICK' which indicates the arm is fixed into position.



**NOTE:** Always use one hand to pull the release pin and the other hand to guide the arm to the required position. Allowing the arm to drop down without guidance may cause damage to the arm.

**Important Note:** Ensure arms are in the UP position before leaving the occupant or moving the Deluxe V2.

## Backrest Wing Adjustment

The backrest wings on the Deluxe V2 can be rotated into four set positions.

To rotate the wing to the required position:

**01** pull the black release pin head out and begin to rotate the wing as shown.

**02** Let go of the release pin and rotate the wing until you hear a 'CLICK' which indicates the wing is fixed into position.



**NOTE:** Always use one hand to pull the release pin and the other hand to guide the arm to the required position. Allowing the arm to drop down without guidance may cause damage to the arm.

**Important Note:** Ensure wings are in the UP position before leaving the occupant or moving the Deluxe V2.



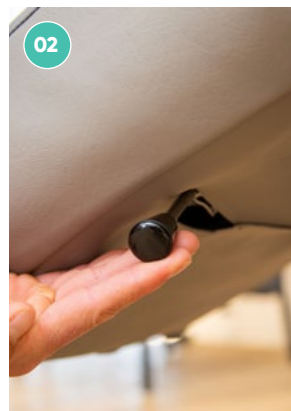
### Leg Rest Adjustment

The leg rest on the Deluxe V2 can be rotated through 85° and set at any position throughout that range.

To adjust the leg rest to the required position:

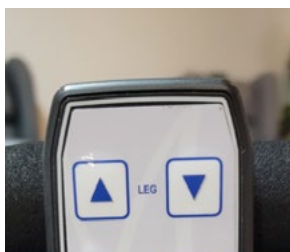
**01** pull the release lever located at the rear of the leg rest on the right hand side and rotate the leg rest as required.

**02** Let go of the release lever to set leg rest in position.



### Leg Rest Adjustment: Electric model

Use of up/down arrows for infinite positioning – push and hold to desired position, then release button to stop.



**Important Note:** Before adjusting the leg rest, ensure that all three total lock castors are braked.

# Operation

## Alternating Pressure Mattress Overlay (optional) – AC59441

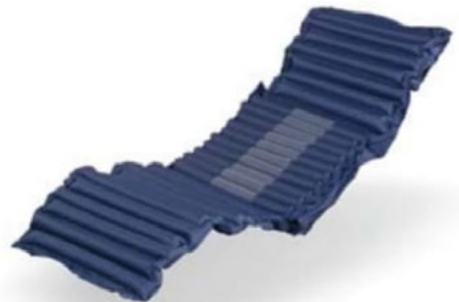
The AC59441 Standard Deluxe V2 with Alternating Pressure Mattress Overlay is designed for multi-user situations found in hospitals, clinics and nursing homes.

Air Comfort and Carilex combine to deliver the next generation of mobile pressure care solutions.

The Air Comfort Deluxe V2 is fitted with the CariChair Alternating Cushion System, combining the superior functionality and mobility of the Air Comfort Beds together with advanced active pressure care. Patients requiring active pressure care no longer need be confined to bed.

### Features:

- Carilex CariChair Alternating Overlay.
- Rechargeable Battery – Up to 8 Hours of battery operation with Battery Level LED.
- 5 Adjustable Comfort settings to suit different patients.
- Intelligent Pressure Sensing Technology (I.P.S) that automatically adjusts cushion pressure to respond to patient movements. Multiple Cycle times –10, 15 & 20 mins and Static Mode.
- Panel lock – Tamper protection and auto-lock function after 3 mins.
- Low Pressure Indicator – Visual and Audible.





#### **01 Power/ Mute/ Unlock Button**

1. Press this button to turn on the power unit and light up the green LED. The screen displays



to indicate the device is in default Geri Bed mode.

2. When audible indicator is sounding, press this button to mute the audible indicator.

#### **02 Comfort Level Button**

Simply press this button to adjust the patient sensation from 1 to 5 according to each individual need. The scale is only an approximation. Please adjust the comfort level when patient feels the cushion is too soft or too firm. Caregiver should always perform a hand check by placing their hands underneath patient's pelvis area to check if there is sufficient air support to ensure the patient is not bottoming out.

#### **03 Static Mode Button**

Press this button then the green LED lights up and the Multi-Cycle Time displays 0 means the device is in Static Mode. The pressure re-distribution function provides optimal internal pressure for each different comfort level. Simply press button **06** to return the device to Alternating Mode.

#### **04 Pressure Monitoring Indicator**

Power unit features an integrated pressure sensor which can monitor cushion's internal pressure 24 hours to achieve optimal internal pressure and to ensure maximum pressure relief. The yellow LED indicates the device is monitoring the cushion's internal pressure while the compressor is inflating.

#### **05 Battery Indicator**

The green LED bar indicates the battery level or charging status. If the power unit is low on power, the orange LED will light up to indicate that the power unit needs to charge for 4 hours to battery full.

# Inspection

The Deluxe V2 should be inspected on a daily basis for damage.

**Areas to be checked include:**

- Upholstery
- Levers
- Gas struts
- Push handle
- Exposed framework
- Castors
- Battery
- Charger
- Handset

All moving parts of the Deluxe V2 should operate freely and be void of any foreign matter. (especially the castors)

Any exposed bolts (including castor bolts) should be checked every 6 months and tightened if required.

Castors should be checked and kept free from foreign matter such as hair.

If any part of the Deluxe V2 is damaged, it should be removed from service immediately until repaired or replaced. Please refer to page 17 for details on servicing requirements.



**Warning:** If any part of the bed is damaged, it should be removed from service until repaired or replaced. Please pay particular attention to the rubber feet and plastic collar on the legs and pushpin on the framework. Please refer to the next page for details on servicing requirements.

## Cleaning

The Deluxe V2 should be washed regularly with mild disinfectant wipes (not bleach) on heavily stained areas. Treat stains promptly to prevent permanent staining on upholstery.

The castors should be wiped with a mild soapy solution and then dried after heavy use.

- Do not use harsh chemicals or abrasive cleaning products
- Do not high pressure clean the Deluxe V2.
- Do not autoclave.
- Do not wet battery, electronics or handset.

# Maintenance

## Seating System

This product is fitted with the unique AirComfort Seating System that is designed to redistribute seating pressure and improve overall comfort. The AirComfort Seating System is comprised of four separate air cushions:

- Backrest air cushion
- Lumbar air cushion
- Seat air cushion
- Leg rest air cushion

Each air cushion is inflated to a pre-determined volume that is based on extensive testing.

This inflation will be suitable for most users provided that the correct size bed has been selected or prescribed. It is unlikely that the

level of inflation in the air cushions will require adjustment to suit an individual user, however, should adjustment be desired, please follow the detailed instructions outlined below. User should consult a healthcare professional before adjusting air pressure level.

Please note that these instructions explain how to reset each air cushion to the original level of standard inflation.

To do so, it is first necessary to fully deflate each air cushion. If for any reason additional inflation beyond standard is desired, it is not necessary to first deflate the air cushions.



# Maintenance

## Resetting Air Cushions: Step 1 – Deflation

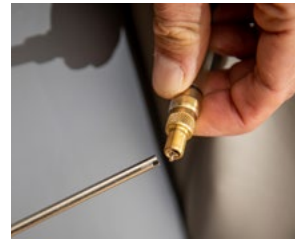
Each of the four air cushions is fitted with an extended tube and brass Schrader valve that can be accessed externally on the bed. When facing the bed, each valve is located on the left hand side of the upholstery.



The backrest wings and seat arms should be rotated into the down position to best gain access to the valves. First remove the valve cap.



To gradually release air, FLIP THE CAP OVER and use the tip to compress the valve core. Simultaneously apply pressure to the cushion by hand or by sitting in the bed until the cushion is fully deflated.



To quickly deflate the cushion, use the hand tool supplied to remove the valve core. Then apply pressure to the cushion by hand or by sitting in the bed until the cushion is fully deflated.

**NOTE:** To reset inflation level to standard setting, ensure the air cushion is first fully deflated.

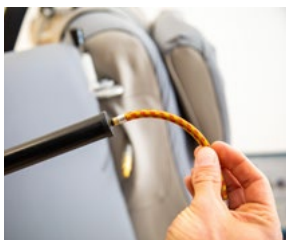


## Resetting Air Cushions: Step 2 – Inflation

Each AirComfort bed is supplied with a hand inflation pump. Correct inflation is based on air volume and measured by the number of full compressions of the supplied hand pump. It is possible to purchase a larger pump (FOOTPUMP) for improved efficiency.



The backrest wings and seat arms should be rotated into the down position to best gain access to the valves. First remove the valve cap.



Secure the pump to the valve, ensuring a snug fit. For recommended Air Cushion factory settings, refer to the guide on the next page.



Ensure that the valve is tight and secure – then replace and tighten cap.

# Maintenance

## Resetting Air Cushions: Recommended Air Cushion Factory Settings

Air Cushion	DV2 Pump (Hand Pump) Number of Compressions				Litres of Air (approx.)			
	Small AC59114	Medium AC59116	Standard AC59111	Maxi AC59115	Small AC59114	Medium AC59116	Standard AC59111	Maxi AC59115
Head Rest	22	33	44	22	2	3	4	2
Lumbar	28	44	55	33	2.5	4	5	3
Seat	77	110	110	99	7	10	10	9
Leg Rest	17	33	44	28	1.5	3	4	2.5

**Important Note:** There is a low level of inflation as standard in each of the air cushions. This level of inflation is set to ensure that the user benefits from maximum immersion into the cushion, while still being supported by air. Correct immersion into the cushion increases overall surface contact, redistributes pressure and improves comfort. Conversely, adding too much inflation beyond standard can increase seating pressure and reduce comfort.

# Maintenance

## Electric Model: Battery Charging

1. Plug the Linak charging station into a 240v power outlet (with power supply off).
2. Ensure that the Linak control box is clicked firmly into place with the charging station.
3. Turn on power supply and check that the 'on' (upper) light is lit green.
4. The 'charge' (lower) light should be:  
Orange – when charging.  
Green – when fully charged.

### Electric Charging Battery Pack:



# Disposal

**Manual version:** Please dispose of the product thoughtfully.

**Electric version:** Dispose of the battery pack in accordance with local government regulation

# Servicing

We recommend a 6 month preventative maintenance service on the Deluxe V2. Please contact our service department or your local dealer to arrange a service programme. Preventative maintenance service includes:

## Preventative maintenance service includes:

- Examine Deluxe V2 for structural problems
- Check and clean upholstery
- Check and reset air cushions
- Check levers and gas struts
- Check and clean castors

Ensure the Deluxe V2 is inspected and repaired if necessary.

Check handset function.

(see next page for spare parts information)

Please advise the serial number of the product when contacting KCare or your local dealer. The serial number can found at the rear of the Deluxe V2, on the left hand side below the backrest as shown to the right:



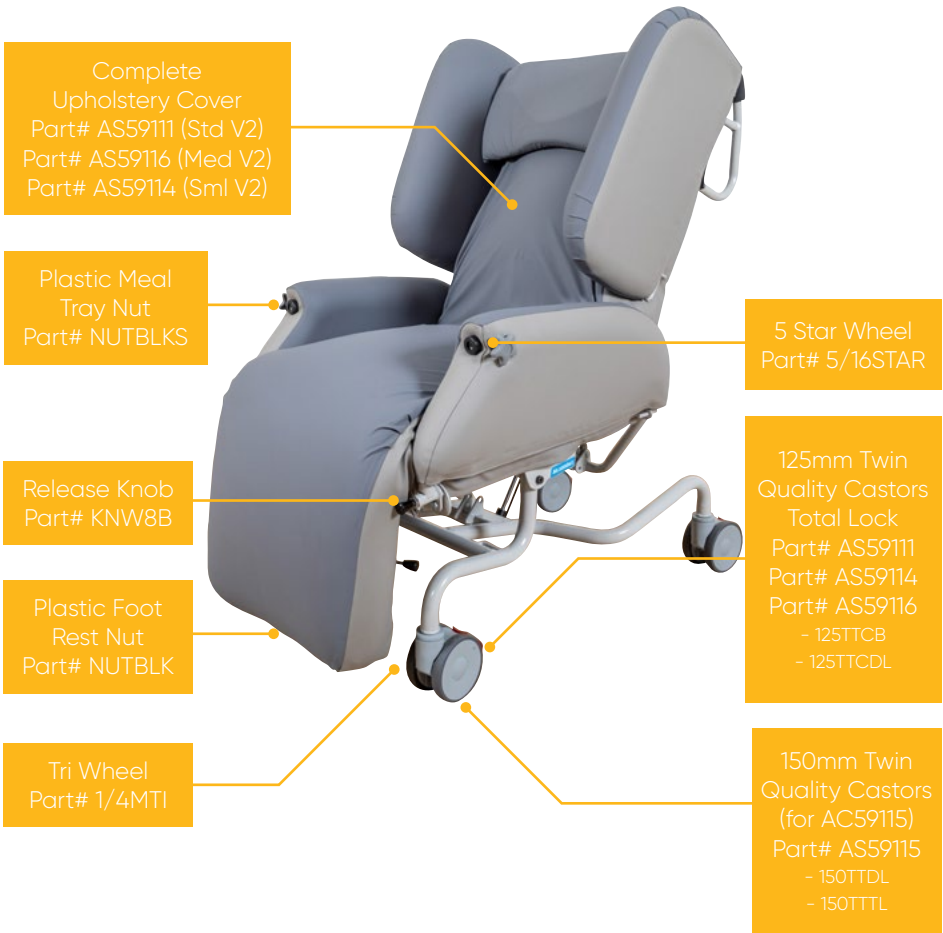
ACXXXXXX

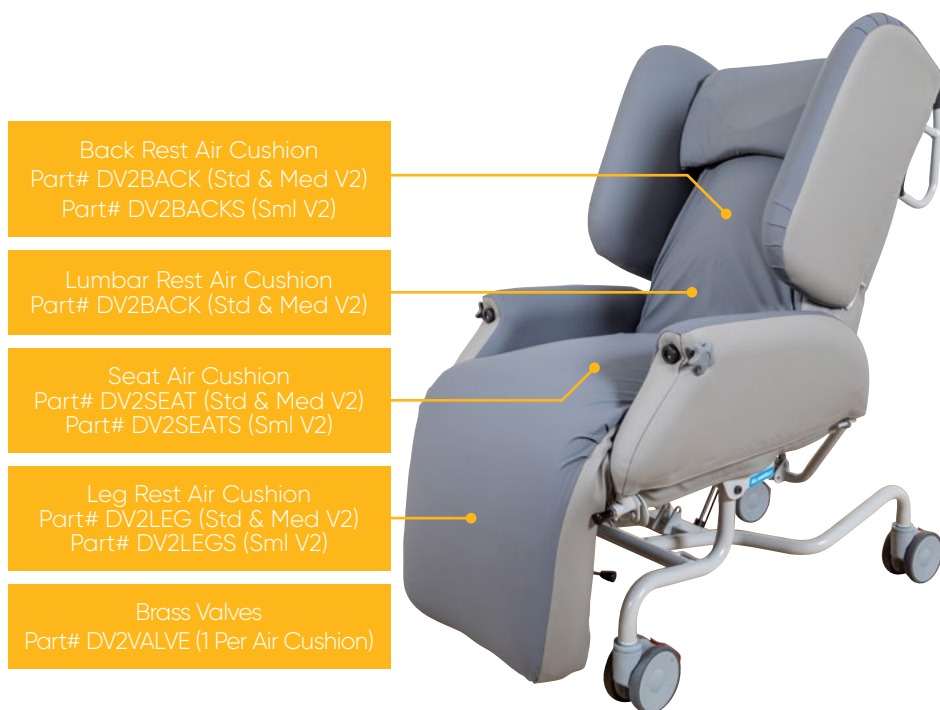
836A Fifteenth Street, Mordialloc Vic 3500  
ABN 47159631099  
Ph: 1300 783 783  
Fax: 1300 784 784  
Email: customerservice@kcare.com.au  
Web: www.kcare.com.au

**Caution:** Only trained/qualified technicians should service the Deluxe V2.

# Spare parts identification

The following spare parts are available for separate purchase





# Spare parts identification







Electric Model: Handset  
Part# HB43000-000041 (optional)

Electric Model: Spare Battery  
Part# BAJ100000011 (optional)

Electric Model: Control Box  
Part# CBJ1004HA011021 (optional)

# Warranty Against Defects

Product	Warranty Period
<b>KCare   TUBALCO   R &amp; R</b>	
All Products (Inc. all electrics)	12 Months
Upholstery	12 months
Shower Chairs, Stools & Toilet Seat Raisers (Zinc Treated products)	36 months structural 5 Years anti-corrosion (external tube only)
Shower Chairs, Stools and Toilet Seat Raisers (Aluminium products)	36 months structural 5 Years anti-corrosion (external tube only)
Shower Chairs, Stools and Toilet Seat Raisers (Stainless steel products)	36 months structural 5 years anti-corrosion
<b>KERRY   OXFORD EME   EASYVET</b>	
General Equipment	36 months
<b>KERRY</b>	
Manual Handling Equipment	24 months
Slings	12 months
<b>AIRCOMFORT</b>	
Frame Compact Lift Chair	36 months
Frame Day Beds	36 months
Foam	36 months
Air Bags and Gas Struts	12 months
Castors	12 months
Fabric	12 months
<b>MY COMFORT</b>	
MC100 & MC310 Frames	10 years
MC100 & MC310 Electrics	2 years

1. K Care Healthcare Equipment provides consumers with the following warranty in relation to this Product, in addition to complying with the requirements of any relevant legislation, including the Competition and Consumer Act 2010 (Cth) in Australia and the Consumer Guarantees Act 1993 in New Zealand (the Acts), except where a New Zealand consumer acquires the Product for the purposes of a business.
2. In this warranty, we have used the following definitions:
  - (a) Form means a warranty claim form issued by K Care Healthcare Equipment in respect of Products.
  - (b) K Care Healthcare Equipment or our means K Care Healthcare Equipment,
  - (c) Products means the goods manufactured by K Care Healthcare Equipment (including products manufactured by its contract manufacturers) set out in the table above;
  - (d) Material means a material or component used by K Care Healthcare Equipment in the manufacture of the Products;
  - (e) Retailer means the authorised dealer of Products from whom the Product was purchased;
  - (f) Warranty Period means the warranty period set out in the table above, commencing from the date of purchase of the relevant Product. If the Product or part (as the case may be) is repaired or replaced, there will be no extension to the original warranty period; and
  - (g) Workmanship means the handling, assembly and manufacturing processes performed by or on behalf of K Care Healthcare Equipment in order to manufacture the Products.
3. K Care Healthcare Equipment warrants that for the duration of the Warranty Period, all Products will be free of faults arising from defects in Workmanship or Materials, on the terms and conditions set out in this warranty.
4. K Care Healthcare Equipment undertakes that if during the Warranty Period any Product, or any part of a Product, has failed to operate correctly due to faulty Workmanship or defective Material, it will repair or replace the Product or part (as the case may be) free of charge (excluding freight fees if applicable) provided that the following procedure is met:
  - (a) The consumer must contact the Retailer or K Care Healthcare Equipment upon becoming aware of any defect to a Product. The consumer will then be provided with a Form, which must be completed by the consumer and returned to K Care Healthcare Equipment together with satisfactory proof of purchase.
  - (b) K Care Healthcare Equipment will review the Form to determine whether there is a defect, and if so K Care Healthcare Equipment agrees to (at its option) repair, replace or supply equivalent goods, or pay the cost of any of those remedies to the consumer.
  - (c) If K Care Healthcare Equipment requests the return of the applicable Product or part, the consumer will be responsible for the collection and freight costs of returning that Product or part to K Care Healthcare Equipment.
  - (d) The consumer acknowledges that it is also responsible for the freight costs to deliver any new Product or replacement part to it.
5. To the extent that the supply of Products is a supply to a consumer within the meaning of the applicable Act, the consumer is entitled to consumer guarantees which K Care Healthcare Equipment does not exclude, restrict or modify. In all other respects, and to the extent permitted by law, K Care Healthcare Equipment:
  - (a) Limits its liability for any non-excludable condition or warranty to rectifying any defect at its option, as set out in paragraph 4 (b); and
  - (b) Excludes liability (whether express or implied) of any nature whatsoever for any consequential loss, damage or injury arising as a result of any fault in the Products.
6. This warranty does not extend to damage to Products which occurs during transit or transportation, or which is caused by any abuse, accident or improper installation, connection, use, adjustment or repair or use of goods otherwise than in accordance with instructions issued by K Care Healthcare Equipment.
7. The warranty on Products is waived if any addition or attachment to the Products do not have K Care Healthcare Equipment's approval or are not sold as K Care Healthcare Equipment products. The Products are designed to perform specific tasks under established test loads and unauthorised attachments may produce stresses for which the design is not appropriate.
8. The following applies to consumers who purchased a relevant Product in Australia: Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.



**Active Mobility**

**Active Mobility Systems Pty Ltd**

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