

# C-air

## Users Manual



# Thank you

Thank you for purchasing a Repose C-air chair. The C-air is one of our most popular healthcare chairs, because it combines bespoke construction, being built to a user's specific size requirements, with a range of pressure management and posture solutions. There is a choice of three different mechanisms each one offering different movement options as well as a range of interchangeable pressure management back and seat cushions. Controlled from an easy to use handset the chair can be smoothly reclined and repositioned by the user or the carer.

To maximise the advantages of your chair please take the time to read these instructions carefully, as they contain essential information on set-up and operation of all key features, as well as upholstery care, important safety advice plus warranty and contact details. If for any reason you are unsure of anything, please contact your supplier immediately for further information. Please keep this manual safe for future reference.



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# What Our Expert Says

## Made to Measure

The C-air truly offers you the opportunity to tailor the chair to your client's individual size specification and select from completely different design features. Choose from one of the following made to measure options:

Seat Width / Seat Height / Seat Depth / Back Height / Arm Rest Height

## Bespoke Design Options

Also choose from different arm styles and removable arm for ease of transfers.



## Who is the chair suitable for?

The C-air offers an extensive range of postural and pressure management options for clients with changing and deteriorating neurological conditions.

It can be used as part of a 24-hour postural care programme to reduce the risk of skin breakdown and its features also ensure that a user can be repositioned to allow for optional occupational performance, allowing an individual to engage in activities they want to do.

## Where can the chair be used?

The chair is suitable for a number of health and care environments including hospitals, hospices and care homes as well as domestic home environments.

## What are the feature benefits?

The C-air allows carers to regularly reposition users to redistribute pressure and provide all day comfort and comes with a choice of three mechanisms, Single or Dual Tilt in Space or a Standard Dual Motor.

The Tilt in Space movement allows the seat back angle to remain the same whilst the whole seating system is tilted backwards allowing the angle of the hips, knees and ankles to remain unaffected during this movement.

Kate Sheehan  
Independent Occupational Therapist

It also reduces the weight on the Ischial Tuberosities and redistributes the weight through the back. This feature can also help when transferring someone in a sling as it can support better pelvic positioning by using gravity to position the user in the back of the chair in the optimal position.

Both the Standard Dual Motor and Dual TIS mechanisms allow for the backrest to move independently of the leg rest enabling a wide range of relaxing positions.

- **Seat depth adjustment**

The seat depth should be long enough to support the upper part of the legs whilst allowing the back to rest comfortably on the backrest. If the seat is too long the user is likely to slouch in the chair to get their feet on the floor, which puts extra pressure on their lower spine, if too short it will cause additional pressure on the thighs risking skin breakdown. As well as the option for made to measure seat depth there is an option to alter the seat depth as circumstances change with a choice of two sets of detachable adjuster pads, 25mm (1") or 50mm (2").

- **Interchangeable and adjustable back cushions**

The C-air comes with a fixed waterfall back as standard. However, there is a choice of eight removable and interchangeable pressure management back cushions that enable the chair to be adapted to a single user's changing needs or to adapt the chair to another user. This ensures greater longevity of its usage.

In addition, all cushions can be repositioned to suit a user's individual seating preferences and fibres added or removed from fibre filled cushions to adjust firmness. Covers can also be removed for cleaning.

- **Interchangeable seat cushions**

There is a choice of eight pressure management seat cushions designed with different levels of pressure management in mind to reduce shear and friction and the potential development of pressure sores.

- **Full Chaise cover**

The C-air benefits from a single, full seat cover. This chaise reduces the risk of pressure areas developing due to pinch points and shear and friction when the chair reclines. Designed with a memory foam insert the chaise offers deep comfort.



# Important Safety Instructions

The following instructions are for your own safety, the safety of others and to ensure that the chair is used correctly and in line with the warranty conditions.

## Please ensure that:

- **YOU ALWAYS KEEP THESE INSTRUCTIONS SAFE** as you will need them for reference purposes.
- **ALL CARERS AND ATTENDANTS** are trained in the full use of the chair and are qualified to provide advice on the pressure management and postural care options.
- **YOU UNDERSTAND** the features of the chair and how they might be used to benefit particular users.
- **PLEASE ENSURE YOU READ** the basic technical checks. If you have purchased either of the Accupak or 20 cycle rechargeable battery systems, as an optional extra, please ensure you read the relevant instructions carefully.
- **YOU UNDERSTAND** the recommended user weight limit for your chair. It will be dependent on the Repose chair model that you have chosen. Please ensure that you understand these limits and **DO NOT** exceed them. This may damage the chair and **will invalidate your warranty**.
- **YOU CHECK** the chair and cables regularly to ensure that they are in a suitable working condition and that there is no damage. **DO NOT USE** the chair if it is not working properly or damaged.
- **YOU ALWAYS** move the chair around using the front of the arms and that you are mindful of your own physical attributes as you carry out any such movements. **DO NOT** use other parts of the chair to move it around as this may cause damage to the framework and workings of the chair and **will invalidate your warranty**.
- **YOU ALWAYS** take the necessary precautions and advice when carrying out any movement or handling operations.
- The C-air comes durable castors as standard. You have the option to purchase lockable castors which are designed to glide easily over low profile carpets, wooden and vinyl flooring. If you have these castors:
  - **YOU ALWAYS LOCK THE CASTORS** when the chair is stationary, if making transfers or when altering the chair set up. **THIS WILL AVOID** any movements that could cause personal injury.
  - **NEVER** try to push the chair up or down steps or stairs.
- When using the functionality of the chair whilst someone is seated **ALWAYS** ensure that any movements are smooth and comfortable for the user to avoid any distress.

- Children **DO NOT** play with, or on, the chair as this may cause damage and could result in personal injury.
- **NO ONE** stands or sits on the arms or the leg rest as this may damage the chair and/or cause it to tip. To do so may cause personal injury.
- **NO ONE** stands on the seat as this may cause the chair to tip and/or damage the chair. To do so may cause personal injury.
- You are **ALWAYS** careful to keep hands, other body parts and clothes away from the moving parts of the mechanism when checking or during usage to avoid them being trapped.
- **YOU NEVER** exit the chair whilst the leg rest is elevated.
- The chair is **ONLY OPERATED AT NORMAL ROOM TEMPERATURES** and is **NEVER** used or stored in a damp or wet area.
- **YOU ALWAYS** store your handset on the loop on the arm. This will ensure that it will not be damaged by either falling on the floor or from anyone sitting on it.
- Children **DO NOT** play with the handset. To do so may result in personal injury.
- **YOU ALWAYS** disconnect the power supply before checking any part of the chair.
- **NO** cables are trapped under the chair and that **YOU DO NOT** run over the cables with the castors or other equipment e.g. vacuum cleaner.
- If there is a spillage on the chair **IMMEDIATELY DISCONNECT THE ELECTRICITY FROM THE MAINS** and check that no electrical components are wet. If in any doubt please consult with your supplier or a qualified and authorised chair engineer.

## Maintenance and repairs

- **YOU ONLY USE** approved parts on your chair. These can be obtained through your supplier. Failure to use approved parts **will invalidate your warranty.**
- **YOU ALWAYS** get your supplier or an authorised chair engineer to carry out any repairs or fit new parts to the chair. **DO NOT** attempt to carry out your own repairs to the chair as this may invalidate your warranty.
- **YOU NEVER MAKE** any material design, mechanical or other modifications to the chair as this may affect the way in which the chair operates and the inherent safety features. **It will also invalidate your warranty.**
- **YOU PROVIDE** your original purchase invoice and unique chair batch number when ordering parts or when making a claim under your warranty.

# Accupak Rechargeable Battery System (Optional Accessory)

The C-air comes with the option of purchasing an Accupak rechargeable battery system for mains free usage.



## Components received on delivery/Set up

- **The Accupak battery** will be fitted out of sight on the base of the chair and the charging outlet built into the side of the chair for ease of access.
- **The Transformer and power cables** which enable the battery to be initially charged / recharged will normally be connected to the chair when it is initially set up.
- **The handset user instructions** which can be found on pages 14 and 15.
- **Only use the equipment supplied with the Accupak.**

## Operation and charging

- When the chair is received the battery **MUST BE FULLY CHARGED** before usage. It is recommended that the battery is **CHARGED FOR AT LEAST 8 HOURS.**
- The battery **SHOULD BE OPERATED** at normal room temperatures and never in damp environments.
- The battery provides an average of up to 100 adjustment cycles.
- The plug-in **CONNECTIONS ARE ACCESSIBLE** so that the system can be switched off in an emergency.
- The Transformer must **ALWAYS** lie flat on the floor.
- The Accupak has an audible acoustic warning signal which is activated when the handset controls are used and the battery is low and requires recharging. The system still remains activated and emergency adjustment is possible, but please charge immediately. The battery also has an overall switch off threshold should you continue to operate the chair when the acoustic warning is sounding. This prevents deep discharge of the battery and permanent damage to it.
- **DO NOT** let the battery completely discharge as this will stop it from being fully charged again. If the battery is left to completely discharge it may have to be replaced and this is **not covered under the warranty.**
- It is **RECOMMENDED** that the battery is charged regularly overnight to prevent complete discharge.
- The chair may be used and operated whilst it is being charged, but **DO NOT** move the chair about when it is plugged in.
- The electrical components are designed to be used for no longer than 2 minutes continuous movement in any period of 20 minutes. (See Usage time on page 15).
- Rechargeable batteries, by their nature, have limited lifespans and are characterised by gradual power loss over time. This normal depreciation and continual power loss is **not covered under the warranty.**



## Maintenance and disposal

- The rechargeable battery system is designed to be maintenance free.
- **DO NOT** open the Accupak. Check the cables and connections regularly for any signs of damage.
- **DO NOT** operate the system if there is any damage or if the unit gets too hot.
- **MAKE SURE** that the Accupak is kept clean and dry at all times.
- **DO NOT** submerge in water or expose to direct heat.
- **NEVER** run anything over the cables e.g. a Hoover, as this may damage them.
- **ALWAYS** store the chair in a dry and safe place which will protect the chair and the Accupak battery. If you are storing for periods of more than 6 months then the Accupak battery must be fully charged before being stored. The battery should be re-charged every 12 months when in storage.
- If your battery shows any signs of leakage do not allow the fluid to come into contact with your skin. If it does, clean the affected area and contact your doctor.
- **ONLY** clean the Accupak and battery transformer by wiping carefully with a slightly damp cloth. Do not use solvents or chemical cleaning agents, to clean them. **ALWAYS DISCONNECT the power source when doing any cleaning.**
- All batteries must be disposed of immediately if they are damaged. Batteries should always be disposed of in line with environmental regulations.

## Basic Fault and Error Detection

Below we have listed some basic checks you can carry out if the chair mechanism stops working. If the chair is still not working after carrying out these steps we recommend that you contact your supplier or an authorised chair engineer.

Problem	Possible Cause	Remedy
Handset or mechanism movement not working (mains power disconnected from chair)	<ol style="list-style-type: none"> <li>1) No supply voltage</li> <li>2) Deep discharge protection triggered (see above)</li> <li>3) Handset or system defective</li> </ol>	<ul style="list-style-type: none"> <li>• Connect chair to the mains/ charge the battery</li> <li>• If connecting to the mains /charging the battery does not work, contact supplier/ engineer</li> </ul>
Handset or mechanism movement not working (mains power connected to chair)	<ol style="list-style-type: none"> <li>1) Thermoswitch has been triggered in transformer (you cannot see this), preventing the chair from being powered and the battery from charging</li> <li>2) Handset or system defective</li> </ol>	<ul style="list-style-type: none"> <li>• Leave the chair in a state of rest for 20 to 30 minutes</li> <li>• If leaving the chair at rest does not work, contact supplier / engineer</li> </ul>
Acoustic Warning Sound can be heard	<ol style="list-style-type: none"> <li>1) The battery charge is very low (see above)</li> </ol>	<ul style="list-style-type: none"> <li>• Immediately recharge the battery.</li> </ul>

# 20 Cycle Rechargeable Battery System (Optional Accessory)

The C-air comes with the option of purchasing a 20 Cycle rechargeable battery system for mains free usage.

## Operation and charging

- When the chair is received the battery **MUST BE FULLY CHARGED** before usage. It is recommended that the battery is **CHARGED FOR AT LEAST 8 HOURS**. The green LED light on the charger will turn green when charging is complete.
- The battery **SHOULD BE OPERATED** at normal room temperatures and never in damp environments.
- The battery provides an average of up to 20 chair adjustments.
- There is an acoustic warning signal, a 5 second beep, that notifies you of a low remaining charge during operation. Charge the battery before further use.
- **DO NOT** let the battery completely discharge as this will stop it from being fully charged again. If the battery is left to completely discharge it may have to be replaced and **this is not covered under the warranty**.
- It is **RECOMMENDED** that the battery is charged regularly overnight to prevent complete discharge.
- The chair may be used and operated whilst it is being charged, but **DO NOT** move the chair about when it is plugged in.
- The electrical components are designed to be used for no longer than 2 minutes continuous movement in any period of 20 minutes. (See Usage time on page 15).
- Rechargeable batteries, by their nature, have limited lifespan and are characterised by gradual power loss over time. This normal depreciation and continual power loss **is not covered under the warranty**.

## Maintenance and disposal

- The rechargeable battery system is designed to be maintenance free.
- **DO NOT** open the battery.
- If your battery shows any signs of leakage do not allow the fluid to come into contact with your skin. If it does, clean the affected area and contact your doctor.
- If the battery is stored disconnect the battery from the control or drive system and ensure you charge it every six months. Maximum storage time is 12 months.
- **ONLY** use a dry cloth to clean.
- Damaged batteries must be disposed of immediately and in line with environmental regulations.

**Repose always recommend that a qualified chair engineer carries out any checks.**

# Basic Technical Checks

If the chair stops working and you have purchased either an Accupak or a 20 Cycle battery system please refer to pages 8, 9 and 10. If you do not have either of these systems then some simple checks you might carry out are:

- **CHECK** the handset is not damaged.

If this is okay then check the following, but **ALWAYS DISCONNECT** your chair from the power source when doing the following checks.

- **CHECK** the wall socket is in working order by trying another appliance.
- **CHECK** to see if any cable connections have become disconnected.
- **CHECK** to see if any of the cables are damaged or trapped. Damaged cables should be changed.
- **DO NOT** open or attempt to open any electrical components. **To do so may invalidate your warranty.**

If the chair is still not working then you should contact an authorised chair engineer or your supplier and ask them to check the chair thoroughly.

# Recommended Quality Checks

The chair should always be checked every time it is used for signs of damage or excessive wear and tear to ensure safe and reliable usage is maintained. Regular checks should include, but are not limited to:

- Damage to the cables.
- Any loose or detached parts.
- Damage to the handset.
- Castors for damage or any build up of fluff, dirt or dust particles.
- Damage to the fabric of the chair.

# Chair Delivery

The chair will have been set up at the date of delivery and supplied with a full set of documents. If you have any questions please speak to the person or company that took delivery.

# Pressure Care Management

The C-air has been designed to incorporate a number of pressure management features. The use of these features will depend on your assessment of the client's requirements.

Please ensure that you understand the features and how they can be used.

For the benefit of your client we always recommend that those setting up or operating the C-air are trained on the use of the chair and in pressure management and postural care.

# Weight Limits

The C-air has a weight limit of 127 Kg (20 stone) as standard, but with the option to choose either a 159 Kg (25 stone) or a 222 Kg (35 stone) model. There is a maximum leg rest weight limit which will be dependent on the mechanism selected.

Please note that the seat cushion design options will be limited on the 159 Kg and 222 Kg models.

**Important note** – Certain pressure management seat cushion options have their own overall weight limits. These include the Celliform and Dynaform seat cushions, details of which can be found on pages 24 & 25. The maximum leg rest weight limit is unaffected by the seat cushion chosen.

If you are in any doubt about any of the options please ask your supplier.

# Feature Functionality

**Below we have detailed the chair's key functionality which will enable full usage of the chair allowing you to provide additional comfort and posture control for the user. Please read the User Manual for complete details on how to operate your model of chair.**

## Chair location

It is essential that you locate the chair correctly so as to ensure that all of the features will work properly:

- Position the chair in your chosen location, ensuring that there is enough space to recline fully and freely. There should be no objects behind the chair that could obstruct its movement. The chair should never touch the wall when it reclines.
- The leg rest should be able to move fully and freely with no objects to restrict this movement.
- Position the chair free from any trailing wires.
- Ensure that the chair is within easy reach of a power point to charge or recharge the battery system.
- Always ensure that there is enough space for the carer to operate the chair.

**Important note –** Obstructions may cause damage to the chair and its mechanism **and will invalidate your warranty.**

## Lockable castors

The C-air comes with durable castors as standard. You have the option to purchase lockable castors which are designed to glide easily over low profile carpets, wooden and vinyl flooring.

The C-air also comes with the option to purchase glides for use on wooden and laminate floors.

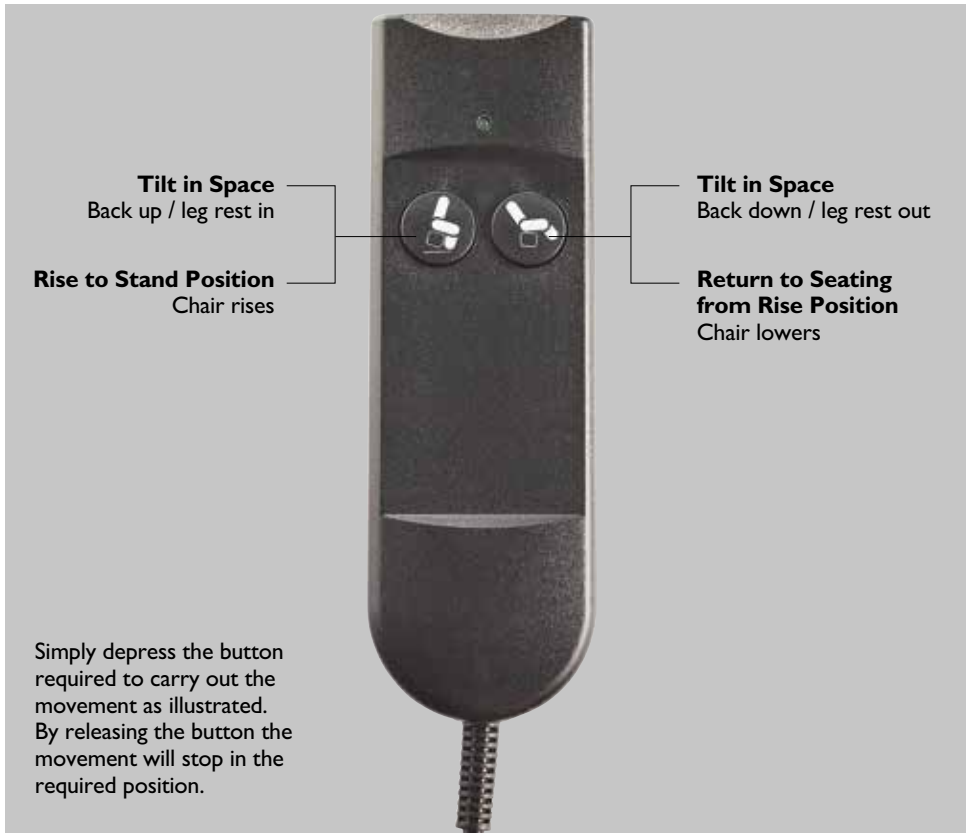
## Handset instructions

The C-air has the option of three different mechanisms each one having its own handset. Please ensure you follow the handset instructions for your mechanism.

For safety reasons please ensure that the handset is either stored in the pocket or hooked onto the loop on the arm of the chair.

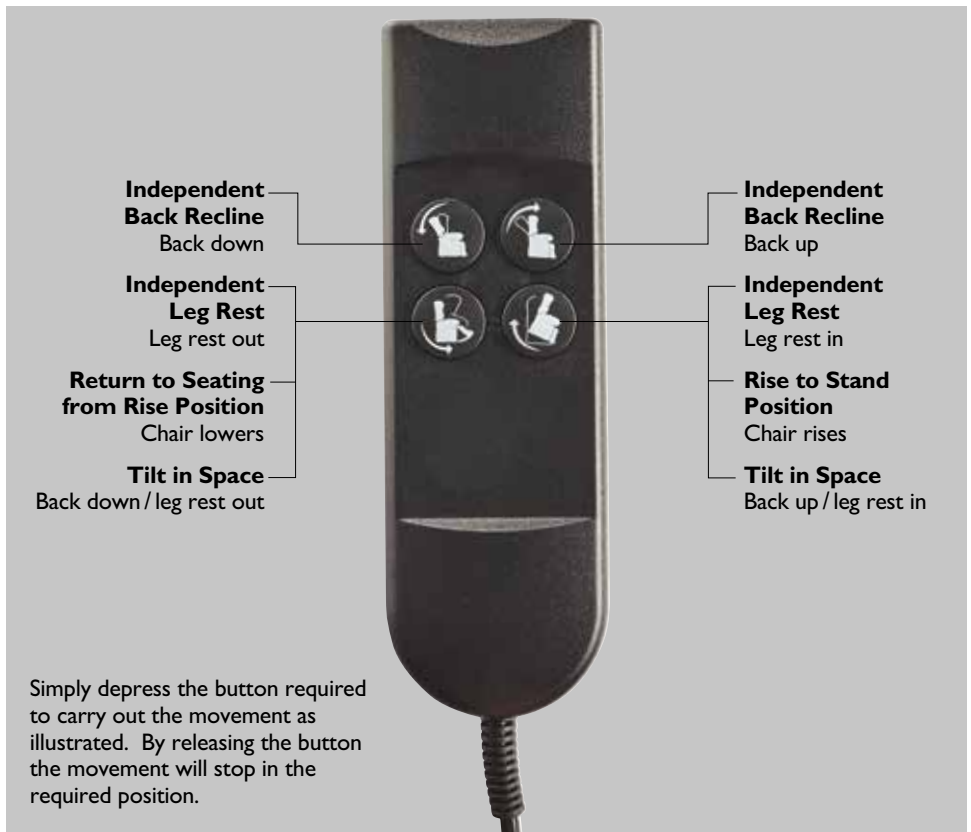
### Single Tilt in Space Handset

The C-air Single Tilt in Space (STIS) mechanism comes with a simple to use, two button handset which operates the Tilt in Space movement. The following instructions will aid easy use of your chair.



## Dual Tilt in Space / Standard Dual Motor Handset

Both these mechanisms are operated by an easy to use four button handset. The following instructions will aid use of your chair.



## Electric components - Usage time

The electrical components are designed to be used for no more than 2 minutes continuous movement in any period of 20 minutes. If they are used for 2 minutes continuously then they should not be used for another 18 minutes. Two minutes will allow for considerable amount of movements in line with normal operation.

## Tilt in Space adjustment

The chair can be gently tilted in a range of positions, as indicated on your handset. Simply depress and release the desired button to reach the correct position.

The Tilt in Space function allows the seat-to-back angle to remain the same whilst the whole seating system is tilted backwards. This ensures that the angle of the hips, knees and ankles remain unaffected and the weight on the Ischial Tuberosities is reduced by redistributing the weight through the back. This constant angle also prevents shearing to the back and the bottom during movement.

TIS mechanisms can be specified as part of a 24-hour postural management programme with a wide range of positions.





# Mechanisms available

## Single Motor Tilt in Space

The Single Motor Tilt in Space mechanism allows the leg rest to rise, slightly changing the seat angle, but always ensuring that a constant back angle of 90° is maintained as the chair moves through to recline. This constant angle prevents back shearing.



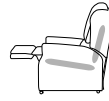
Full Rise



Static Position



Semi Recline



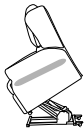
Footrest Horizontal



Fully Reclined

## Dual Motor Tilt in Space

The Dual Motor Tilt in Space mechanism offers a much wider range of sitting and resting positions as both the backrest and leg rest can be moved independently. The Tilt in Space mechanism also maintains a constant back angle of 90° as the chair reclines, preventing back shearing.



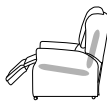
Full Rise



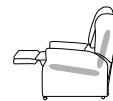
Static Position



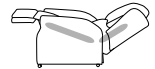
Independent Back Rest



Semi Recline



Footrest Horizontal



Fully Reclined

## Standard Dual Motor

The two motors allow the backrest to move independently of the leg rest enabling a wide range of relaxing positions, from sitting upright and raising the leg rest providing relief for tired legs to a fully reclined resting position.



Full Rise



Static Position



Independent Back Rest



Semi Recline



Footrest Horizontal

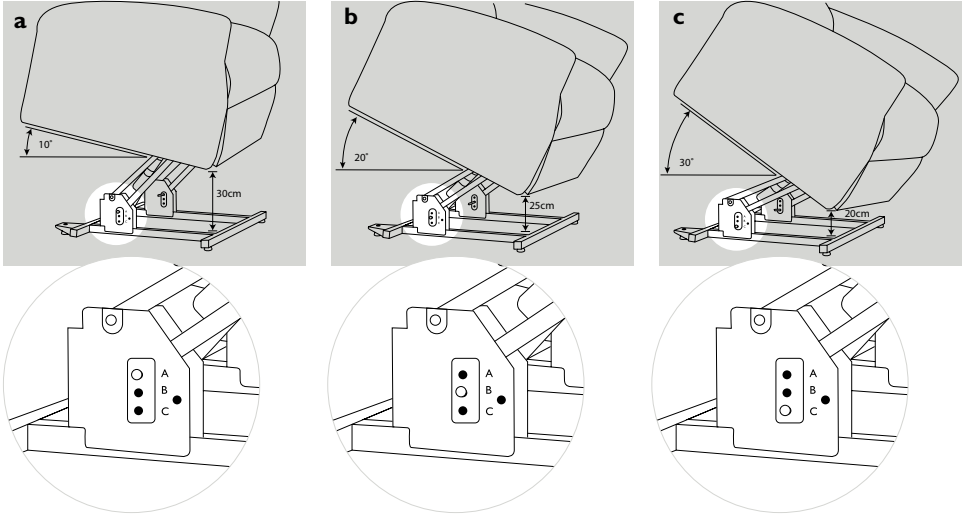


Fully Reclined

Demonstrations of all mechanism movements and VAL technology can be seen on the [Repose web site](#).

# VAL Technology

Available on the medium and large sized chairs, an optional mechanism can be fitted under the chair allows the rise angle to be set to support individuals to a standing position. Choose from three positions 10°(a), 20°(b) or 30°(c). The higher the angle the lower the front of the chair becomes, providing more support when moving from a sitting to a standing position. A simple pin system allows you to set the angle required.

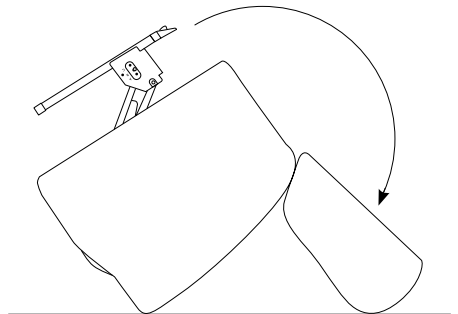


To alter the angle take the following steps. You may need two people to carry out the pin alteration.

**Warning - DO NOT** attempt to do this alteration if you feel that the movements that you need to achieve with the chair, to carry out the changes, will cause you discomfort or problems.

## Step 1

Tip the chair forward so it rests on the floor on both the end of the arms and top of the backrest ensuring that the pins on either side of the chair are visible. When tipping the chair over ensure that you take care to protect the back and arms when they touch the floor.



## Step 2

Remove the clips from both pins on either side of the chair. Then remove the pins and place the bar level with the required setting - a, b or c and then place the pins back into the required holes (same place on both sides).



## Step 3

Put the clips back into place on both sides.

## Step 4

Bring the chair back up to its normal resting position on its base.

## Seat Depth adjustment

The seat depth is very important as it should be long enough to support the upper part of the legs whilst allowing the user's back to rest comfortably on the backrest. The C-air has the option of a choice of two sets of detachable adjuster pads, 25mm (1") or 50mm (2"). They simply fit behind the back cushions using the Velcro strips, as the image demonstrates.



## Seat chaise and cover

The C-air benefits from a single, full seat cover and chaise. This chaise removes any pinch points and reduces the risk of pressure areas developing because of them. It also provides deep comfort to all parts of the body in contact with the chair. The chaise cover and memory foam are removable.

To remove firstly take off the back cushion. Then at the back of the seat cushion release the chaise from the Velcro and peel off the chaise. The chaise is also secured by Velcro to the front of the seat and under the footplate, again simply peel off.

# Back and Seat Cushion Adaptability

The C-air comes with a fixed waterfall back cushion as standard, but with the option to select from our range of removable and interchangeable back cushions. It also comes with a range of different interchangeable seat cushion options. This enables the chair to be tailored to the user's individual comfort, postural and pressure management requirements. The interchangeable cushions enable the chair to be adapted to different users or to take account of changes in a user's condition over time. This adaptability ensures that the chair has a greater longevity of usage.

We would recommend that any such changes should only be performed after a relevant healthcare assessment of the individual's requirements has been carried out.

## Postural Supporting Back Cushions

### Key features:



- All removable cushions can be interchanged and repositioned for comfort and posture management. To reposition the back cushions simply pull away from the back where they are positioned using Velcro strips and then reposition as required. Alternative or duplicate back cushions can be purchased at any time.

- All of the back cushions come with removable covers for the purposes of cleaning or replacement.

- Fibres can be added or taken away to adjust the level of firmness.



## Pressure Management Seat Cushions

The C-air comes with our interchangeable seat cushions. Purchase one or more cushions to support the different needs of individuals who may use this chair. With all these seat cushions, we recommend a fabric with four way stretch properties to aid the reduction of friction and shear.

### Key features:



- All seat cushions can be removed and interchanged enabling the chair to be modified as a user's conditions change, or adapted for other users.

To change the seat cushion, chaise or cover slip, firstly remove the back cushion. Then at the back of the seat cushion and on the footplate, release the chaise from the Velcro strips and pull to release the chaise. The seat cushion can simply be lifted from the seat frame.

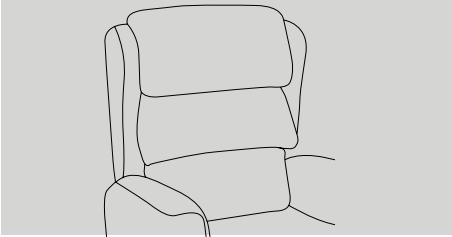


- There is a full seat cover and chaise to reduce the risk of pressure areas developing due to pinch points. It easy to remove as detailed above.

For further details on all cushion options please refer to pages 22 to 25 and 27 or consult with your supplier.

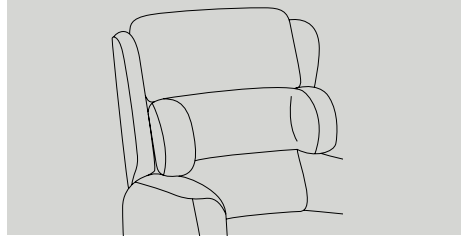
# Posture Support Back Cushions

The C-air comes with a fixed Waterfall back as standard. However, you can choose from eight different and interchangeable back options enabling the chair to be adapted to different users or to take account of changes in a user's condition over time (see below). For further details on these options please consult your supplier.



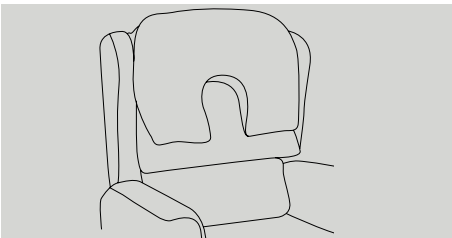
## Waterfall back

Individual fibre filled waterfall cushions, each of which are fully adjustable to accommodate maximum postural support. The waterfall back can be useful for those with mild Kyphosis, Scoliosis and reduced muscle mass on their back.



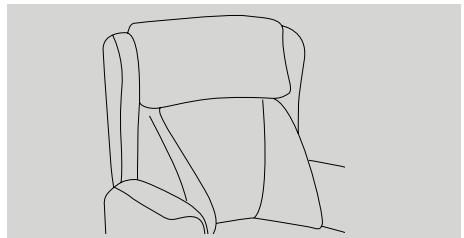
## Waterfall lateral back

The central cushion in this soft fibre filled waterfall back comes with in-built lateral supports which can provide some trunk support for those who have limited trunk control or balance. Useful for those with early stages of neurological conditions such as MS or a Stroke survivor with limited residual impairments.



## Large profile headrest with waterfall back

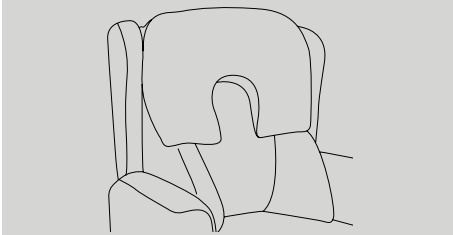
The profile headrest conforms to the head and shoulders which can be useful for individuals with limited neck control with the waterfall back providing soft adjustable lumbar support.



## Comfort lateral back

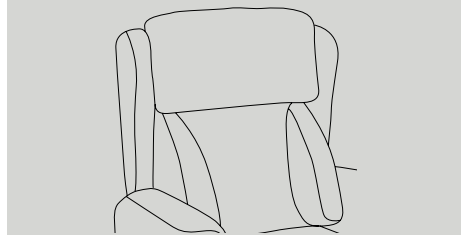
Soft fibre filled back with lateral support, which can be useful for those who have limited trunk control or balance. It can be useful for those with early stages of neurological conditions such as MS or a Stroke survivor.

For ease of cleaning and replacement all cushions and covers are removable. Fibres can be added to or taken away from the fibre filled cushions to adjust the firmness.



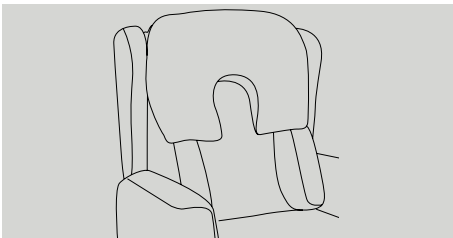
### **Large profile headrest with comfort lateral back**

This back offers soft fibre filled cushions to provide head, shoulder and trunk support, which can be useful for older users who have lost some muscle control, supporting them in a good postural position with the head in a neutral position. This back can also be useful for early stages of neurological conditions to maintain good positioning without restricting activities.



### **Support lateral back**

A foam filled back providing firmer lateral support with a soft fibre filled headrest. The firm lateral support maintains midline trunk alignment which can be useful for those post Stroke or early to mid-stages of neurological conditions.

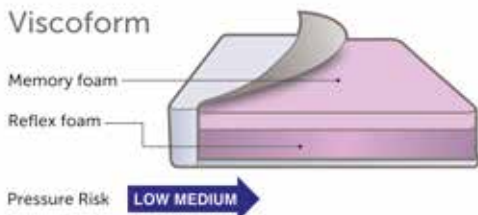


### **Large profile headrest with support lateral back**

Firm foam lateral back cushion with soft fibre filled profile headrest can provide support for those who have limited trunk control or balance. The profile headrest can provide support to keep the head in good midline alignment which can be useful for those with early stages of neurological conditions such as MS or a Stroke survivor with limited residual impairments.

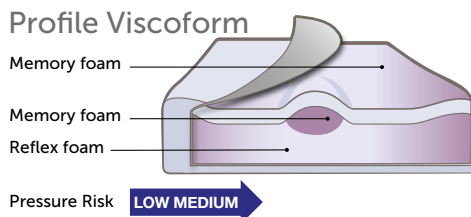
# Pressure Management Seat Cushions

There are eight interchangeable seat cushion options depending on your postural and comfort requirements. They all have a pressure management range which is shown on the images below. For further details on the options please consult your supplier.

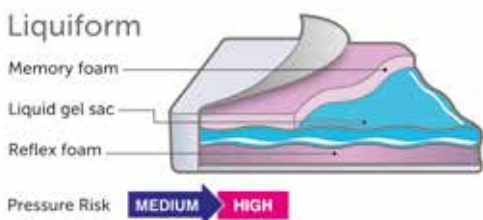


For those who have good posture and mobility but are seated for greater than one hour at a time and require pressure relief and supported comfort.

This cushion has a high-density foam base which offers a supportive and firm seat base with a top layer of memory foam to allow immersion into the cushion, giving stability and a large surface area to reduce pressure levels.

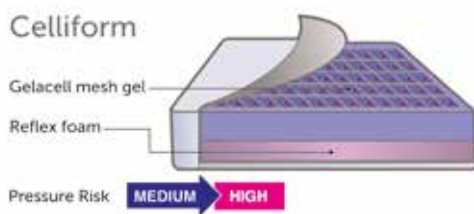


The profile version of the Viscoform cushion provides a pommel, which can support those with weak trunk or lower limb muscles who are prone to sliding down and forward in these chairs or those with lower limb spasticity to help maintain hips in the abducted position to create a good seating position.



For those who have good posture and mobility but sit for long periods of time and require pressure relief and supported comfort. Recommended for people with limited muscle bulk or at risk of excessive weight loss.

This cushion has a high-density foam which offers a supportive and firm seat base. The foam is topped with a fluid liquid gel in a soft silicone cover which provides a high level of pressure relief. The liquid gel helps to dissipate heat and constantly adapts to the user's movement.

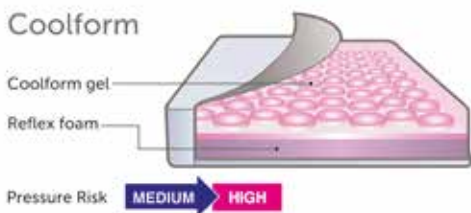


For those sitting for long periods with specific comfort issues such as a high risk of pressure sores.

Gelacell has a unique cell matrix that distributes pressure across the contact area, as it contours and yields in response to weight redistribution. Gelacell absorbs body heat, reducing the risk of creating an environment that could increase pressure risks, the grid design also encourages air circulation. Gelacell is clinically tested and passes all dermatological tests for skin contact.

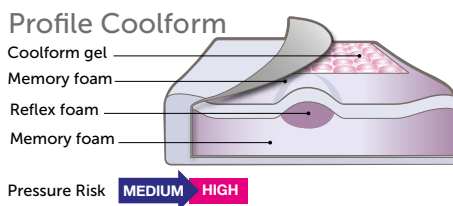


For ease of cleaning and replacement all seat cushions and covers are removable.

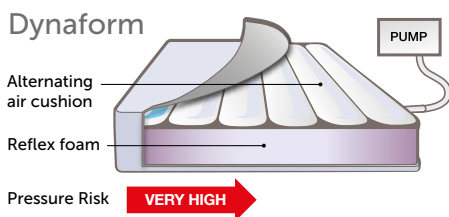


For those sitting for long periods with specific comfort issues such as a high risk of pressure sores. This cushion uses the latest medical grade silicone gel technology allowing pressure to be evenly distributed.

The gel conforms to the shape of the body and equalises to body temperature. The gel cells allow air to flow easily and Coolform is totally odourless and hypo-allergenic.



The profile version of the Coolform cushion provides aommel, which can support those with weak trunk or lower limb muscles who are prone to sliding down and forward in their chair or for those with lower limb spasticity to help maintain hips in the abducted position to create a good seating position.



For those at very high risk of developing pressure sores or a history of sores where the highest priority is to prevent further pressure damage.

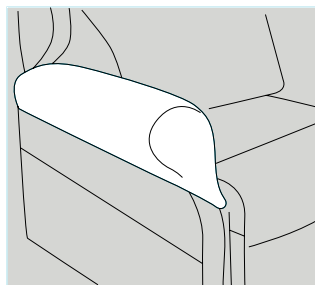
The Dynaform cushion is a dynamic alternating air cushion, which constantly changes the air levels within its air cells to recreate the effect of normal body movements, which provides constant pressure redistribution to prevent pressure build up.

See page 27 for weight limitations on Celliform and Air cushions.

# Optional Accessories

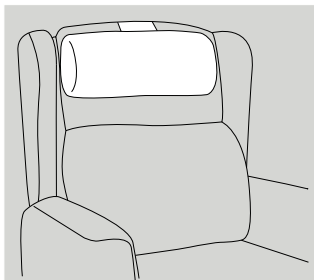
The following accessories are optional on the C-air:

- Interchangeable back styles
- A choice of arm styles
- Removable arm
- Full length arm covers
- Head cover
- Pockets on both sides of the chair
- Replacement chaise cover and memory foam
- Seat depth adjuster pads
- Lockable castors
- Glides for use on laminate and wood floors
- Accupak rechargeable battery system for mains free operation
- 20 cycle back-up unit
- Enclosure skirt

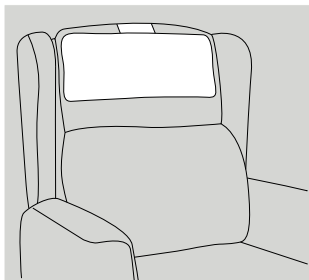


Full length arm cover

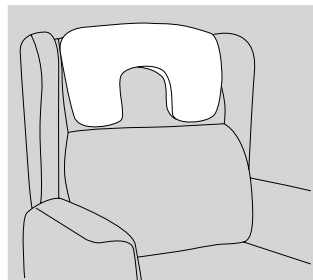
A range of headrests that include:



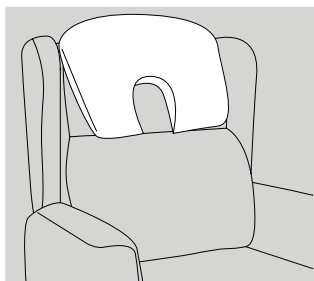
Head roll



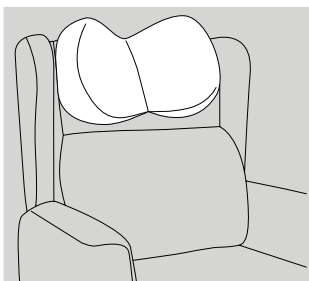
Small head pillow



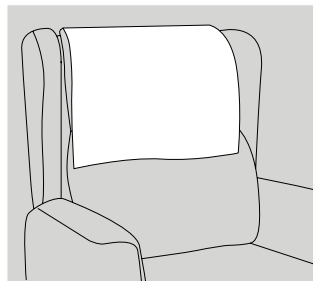
Small profile headrest



Large profile headrest



Midline headrest



Head cover

# Seat Cushion Weight Limitations

**The Celliform seat cushion has the following weight limit:**

Maximum weight of user 127 kg (20 stone)

**The Dynaform seat cushion has the following weight limits:**

Minimum weight of user 40 kg (6 stone 4lbs)

Maximum weight of user 121 kg (19 stone)

## Chair Dimensions

<b>Seat Height</b>	406mm (16")	457mm (18")	508mm (20")
<b>Seat Width</b>	457mm (18")	457mm (18")	457mm (18")
	508mm (20")	508mm (20")	508mm (20")
	559mm (22")	559mm (22")	559mm (22")
<b>Seat Depth</b>	457mm (18")	457mm (18")	457mm (18")
	508mm (20")	508mm (20")	508mm (20")
<b>Seat Depth</b> Fitting 50mm Seat Depth Pad	406mm (16")	406mm (16")	406mm (16")

Please note that depending on the seat cushion built into the chair the seat height may vary slightly from that shown above.



# Fabrics

All our healthcare fabrics are Waterproof, Anti-MRSA, Anti-bacterial, Anti-fungal, Crib 5 and bleach cleanable and all cushions and cushion covers are removable for cleaning purposes. For our full range of health fabrics and cleaning instructions please visit our website.



# General Upholstery Care

The C-air comes with an extensive range of fabric options. **Always** ensure that you follow the cleaning instructions for **your particular upholstery**. You will find details of all of the fabrics on our web site along with their respective cleaning instructions. Please note that different fabrics will have different characteristics and cleaning instructions, **ask your supplier if you are in any doubt** about the cleaning instructions. Repose cannot be held responsible for any damage caused by cleaning.

Some general care tips:

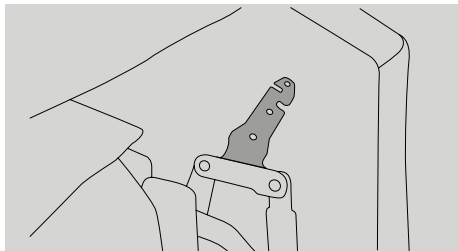
- **Regular cleaning** is required to maintain the appearance and cleanliness of your chair. Small dust and dirt particles can increase the wear and tear of the upholstery and may dull the fabric.
- Your **upholstery should not be exposed** to direct sunlight for long periods of time as this will cause your fabric to fade. If your furniture is positioned within prolonged light, ensure your curtains and blinds are drawn for protection.
- **Ensure** your upholstery is protected from sharp objects or buckles as these may cause the fabric and/or upholstery to snag or become damaged.
- **Avoid** allowing pets onto your furniture as their claws may cause damage to the fabric and upholstery. All animals have a degree of oil in their coats which may transfer to your fabric if they go onto the chair. This will cause your fabric to wear prematurely.
- If you have fibre filled cushions regularly plump to avoid the fibres flattening.

## **Important note:**

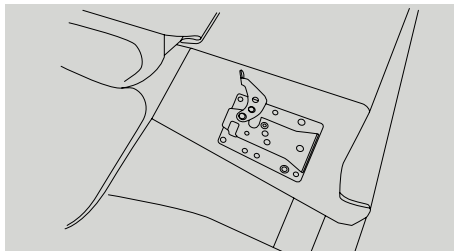
The person cleaning the chair **should always** use protective gloves to reduce the risk of infection transmission.

# Transport - Attach / Remove Back Frame

For ease of transport the back frame can be separated from the seat base. The back frame attaches to the seat base by inserting the housing pins on the seat frame into the brackets on the side of the chair back frame (see below).



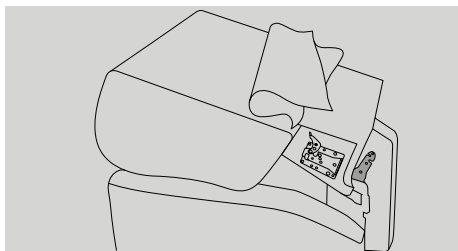
Housing pins on back frame.



Housing bracket on side of seat frame.

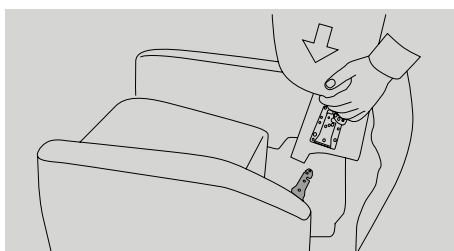
**Steps involved in attaching the back frame:**

## Step 1



Firstly lie the back on top of the base with the top facing forward.

## Step 2



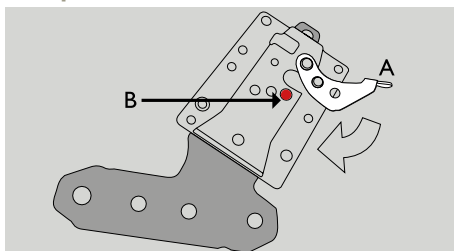
Lift the back and position the brackets over the housing pins.

## Step 3



Slide the brackets onto the housing pins and gently apply pressure to the top of the back and push down to ensure it is securely in place.

## Step 4 (Locking)



Then lock the back into position - push down on the swing tab (A) on the housing bracket until it locks into position over the chrome button (B).

# Warranty

Two years on mechanisms, frame and upholstery. One year on air seat cushions.

Repose will repair or replace, at our discretion and free of charge to the original purchaser, any parts covered by this warranty and which on examination, are found to be defective in material and/or workmanship. The warranty is for parts and labour only and for transportation to and from the original delivery point. It does not include any white glove delivery service. If this is required it will incur an additional cost.

## Warranty Exclusions

- Fabric damage resulting from misuse, negligence, abuse, accident or incorrect cleaning
- Unauthorised or incorrect repairs, alterations and modifications
- Damage to the chair from misuse, negligence, abuse or accident
- Damage caused from normal wear and tear
- Damage caused by common carrier abuse or mishandling and any special, indirect, incidental and/or consequential damages
- Replacement of the battery if the battery is left to completely discharge.

## Statutory Rights

Nothing contained in our Terms and Conditions nor in these guidelines shall effect the statutory rights of the customer.

## Warranty Claim

Please contact your supplier with your original purchase invoice and unique chair batch number and they will make the necessary arrangements with Repose. The batch number and supplier details can be found under the base of the leg rest near to the end. Simply elevate the leg rest to view.

### Batch Label



Batch Number:

Supplier:



Tel: 0844 7766 001\*

Fax: 0844 7766 002\*

Email: [service@reposefurniture.com](mailto:service@reposefurniture.com)

\*Calls cost 7p per minute plus your networks access charge

Visit our web site for more details  
[www.reposefurniture.com](http://www.reposefurniture.com)

