



C-air







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The C-air is one of our most popular healthcare chairs, because it combines bespoke construction, being built to a user's specific requirements, with a range of pressure management and posture solutions providing the comfort and style of a chair that would fit in any environment.

Key features at a glance:

- A bespoke rise recliner chair made to fit the user
- Choice of fixed, or interchangeable and adjustable back cushions
- Choice of interchangeable pressure management seat cushions
- Choice of rise recliner mechanisms
- Seat depth adjustment
- Choice of arm styles
- Seat and leg chaise generously padded with memory foam
- Durable castors built-in as standard
- Simple to use handset with loop and pocket on side of chair.

Additional options:

- Covers for high wear areas
- Replacement chaise cover and memory foam
- A choice of heavy duty lockable castors or glides
- Additional safety features
- Range of headrests.

Featured fabrics:

Inner Panvelle Stretch
multi-way fabric/Lara Teal Outer.



The Ultimate Choice

A Made to Measure chair for your client

The C-air truly offers you the opportunity to tailor the chair to your client's individual requirements. Unlike other chairs on the market you can build the C-air to your own size specification and select from completely different design features. This is what makes the C-air one of our most popular chairs with the following made to measure options:



Seat Width supporting correct pelvic positioning and stability as well as reducing any pressure areas especially around the hip joint. Always allow adequate room for natural movement and different changes of clothing.

Seat Height ensuring that the client's feet are flat on the floor and that their thighs are in contact with the full length of the seat cushion to provide a comfortable sitting position.

Seat Depth ensuring that the thighs are supported throughout their length, but not too long or too short so as to avoid pressure points at the back of the knees and on the ischial tuberosities.

Back Height providing full back and head support to aid comfort and relieve muscle pain.

Arm Rest Height to support the forearm and shoulder which will allow for activities to be carried out whilst seated and avoid shoulder discomfort.

Kate Sheehan
Independent Occupational Therapist

Other Design Options

Interchangeable and adaptable back and seat cushions

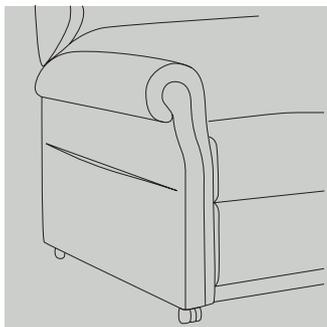
A choice of different pressure management seat and back cushions that enable the chair to be adapted to a single user's changing needs, or adjusted to another user's needs, thus increasing the longevity of usage.

Arm Rest Design

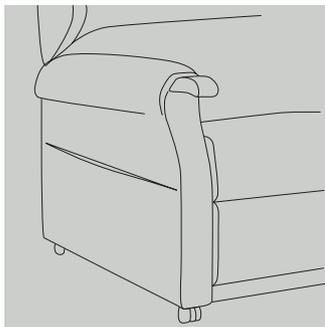
A choice of 3 supportive arm styles. Choose from:

- A fully upholstered scroll arm
- A wooden knuckle for a firmer grip when standing in light, medium or dark wood
- A wider flat arm, with an optional upgrade of Coolform gel for pressure relieving comfort.

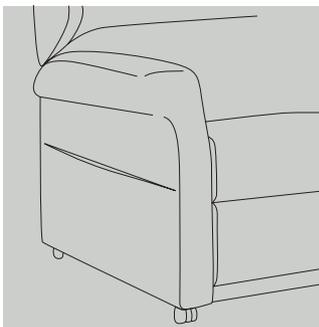
A vapour permeable multi-way stretch fabric is recommended where Coolform gel is fitted into the chair arms.



Scroll arm



Wooden knuckle



Wide flat arm

Seat Depth Adjustment

Adjuster pads allow the seat depth dimensions to be adjusted.

The detachable adjuster pads fit behind the back cushion with velcro and are available in 25mm (1") and 50mm (2").

Removable Arm

This allows for ease of transfer for user's who can assist with side or pivot transfers.



Rise and Recline Mechanisms

The C-air comes with a choice of three rise and recline mechanisms. More information and clips showing these mechanisms in action are available on our website: www.reposefurniture.co.uk.

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.



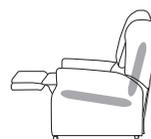
Full Rise



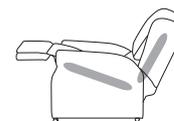
Static Position



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 the back of the chair can be moved independently to the leg rest. 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 back rest 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.



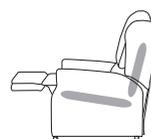
Full Rise



Static Position



Independent Back Rest



Footrest Horizontal



Fully Reclined

Healthcare considerations for Single and Dual Tilt in Space Mechanisms

Tilt in Space mechanisms provide key advantages to support the care of individuals:

- Can be specified as part of a 24-hour postural management programme with a wide range of positions.
- Ideal for those who are unable to independently manoeuvre their weight to relieve pressure build up.
- Assisted movement reduces the risk of skin breakdown due to poor skin integrity, high pressure risk or poor circulation.
- Can support people with swallowing problems by allowing them to position themselves optimally for food to be swallowed, for example, individuals with neurological conditions such as MND.
- Can also be very useful for those with low blood pressure to alter their position to reduce the impact of changes in pressure e.g. postural hypotension.

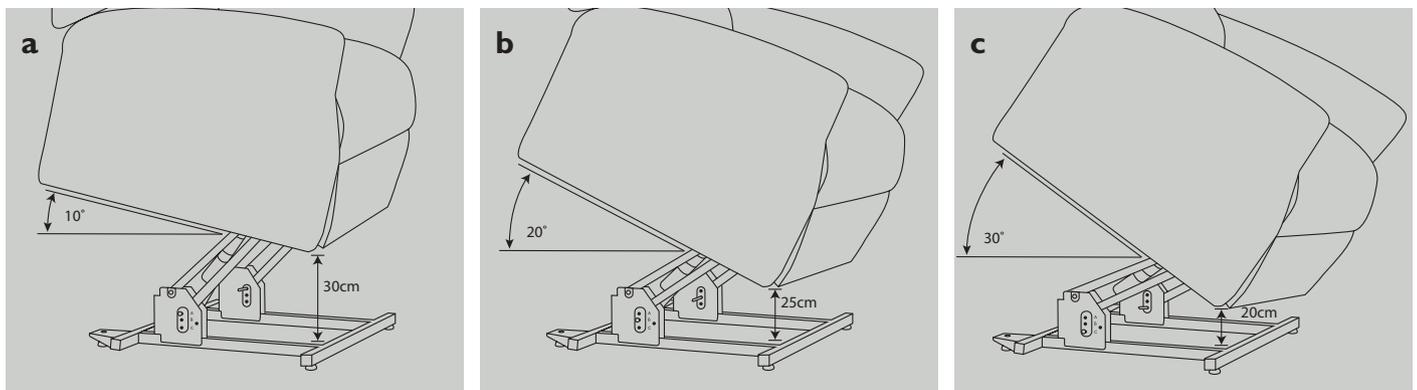


Kate Sheehan

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Independent Occupational Therapist

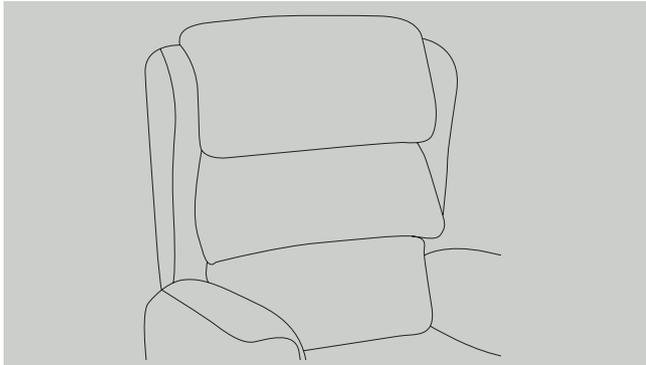
VAL Technology

Available on the medium and large sized chairs, a mechanism 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.



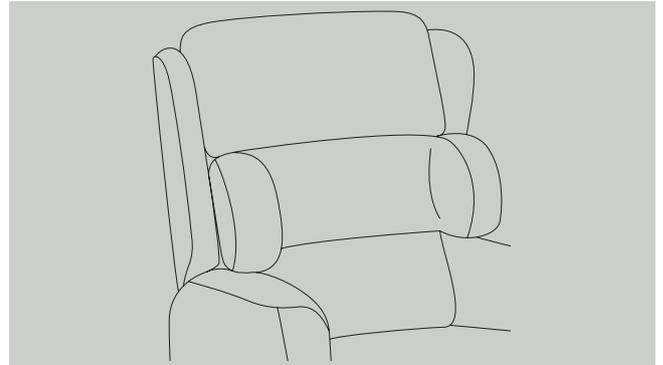
Posture Supporting Back Cushions

The C-air comes with a fixed Waterfall back as standard, or choose from the following interchangeable backs to meet the support and care needs of the individuals who may use this chair. Available on all sizes:



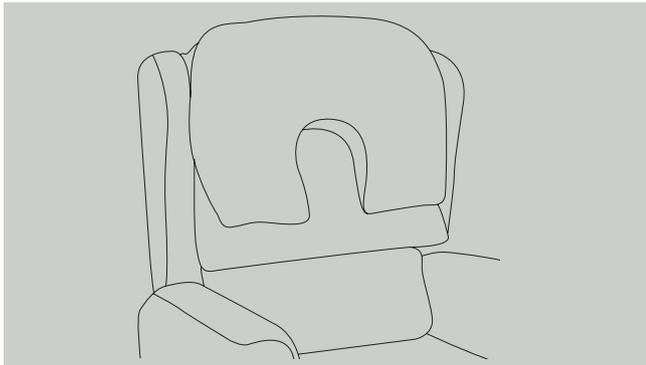
Waterfall back

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.



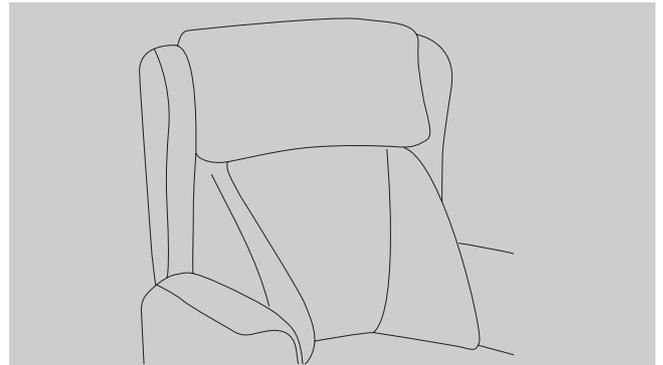
Waterfall lateral back

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

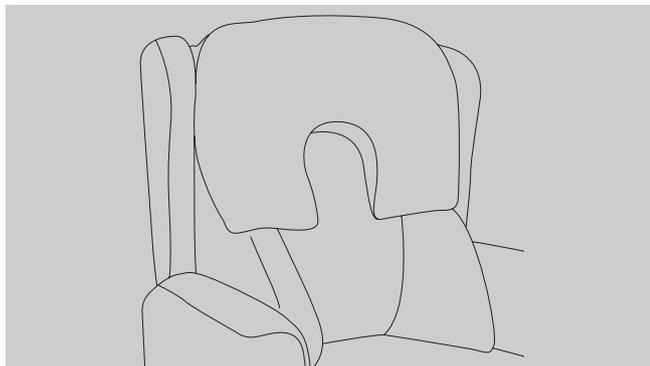
The profile headrest conforms to the head and shoulders which can be useful for individuals with limited neck control with the waterfall back providing soft adjustable lumbar support.



Comfort lateral back

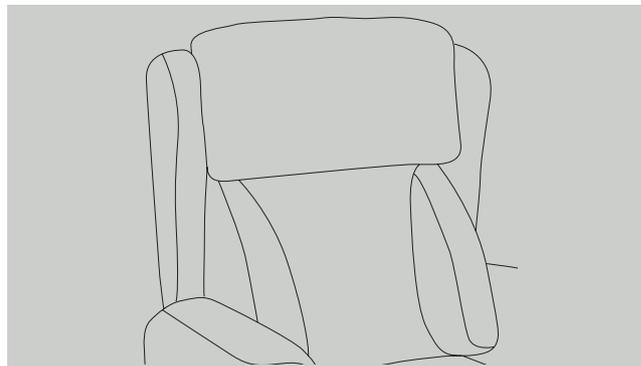
Soft fibre filled back with lateral support, which can be useful for those who have limited trunk control or balance. It can be useful for those with early stages of neurological conditions such as MS or a Stroke survivor.

For ease of cleaning all interchangeable back cushions have removable covers and those that are fibre filled can be adjusted with additional filling for the user's comfort.



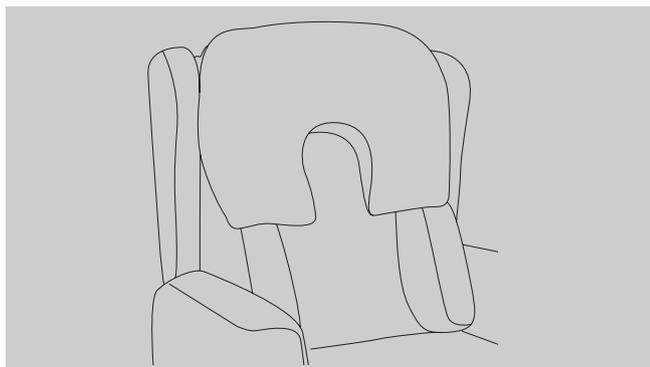
Large profile headrest with comfort lateral back

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.



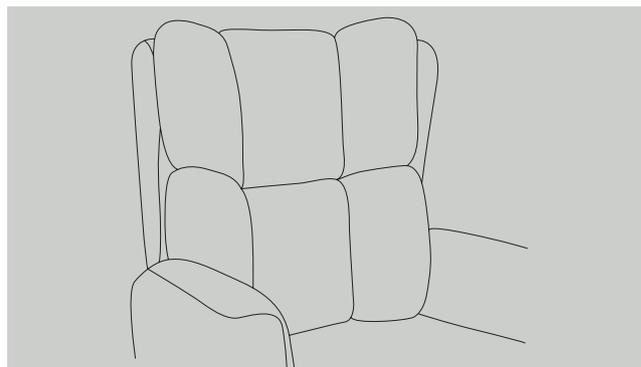
Support lateral back

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.



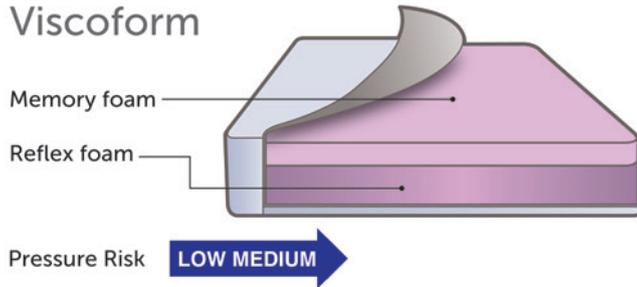
Double comfort lateral back

Deep filled contoured back cushions provide lateral postural support for improved comfort and positioning, making this chair useful for any individual with painful joints and where any movement is painful with conditions such as Rheumatoid Arthritis, Ehlers-Danlos syndrome or neurological conditions. This back could also benefit palliative care, supporting those with life-limiting conditions.

Pressure Management Seat Cushions

The C-air comes with a wide choice of seat cushions. With all these seat cushions we recommend a fabric with four-way stretch properties to aid the reduction of friction and shear. Available on all sizes:

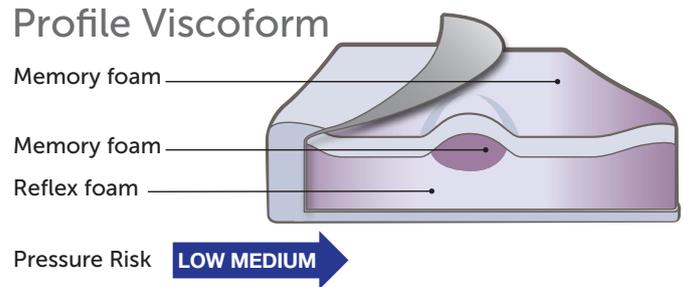
Viscoform



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.

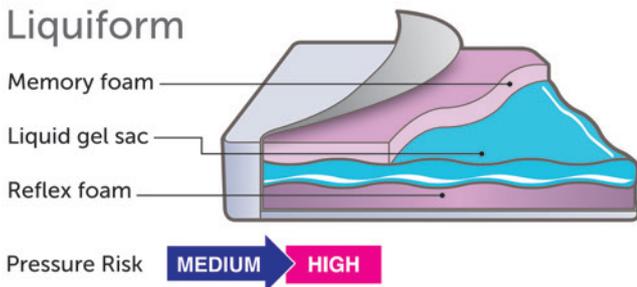
This cushion has a high-density foam base which offers a supportive and firm seat base with a top layer of memory foam to allow immersion into the cushion, giving stability and a large surface area to reduce pressure levels.

Profile Viscoform



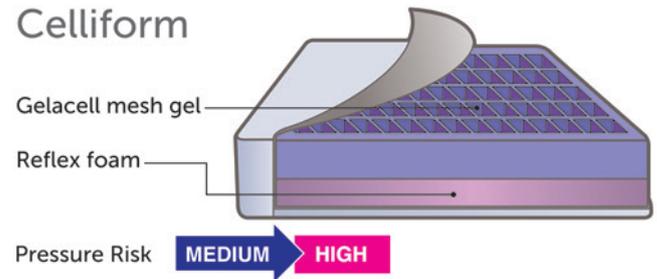
The profile version of this cushion provides aommel, which can support those with weak trunk or lower limb muscles who are prone to sliding down and forward in their chair or for those with lower limb spasticity to help maintain hips in the abducted position to create a good seating position.

Liquiform



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.

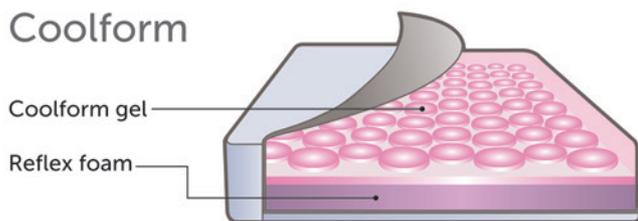
Celliform



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 all interchangeable back cushions have removable cushion covers and those that are fibre filled can be adjusted with additional filling for the user's comfort.

Coolform

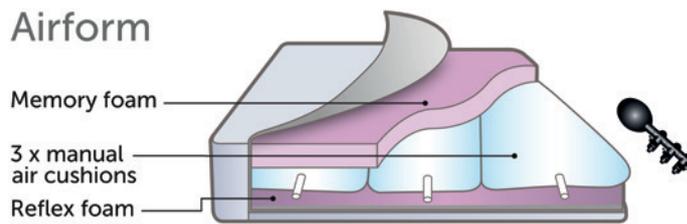


Pressure Risk **MEDIUM** → **HIGH**

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 hypoallergenic.

Airform

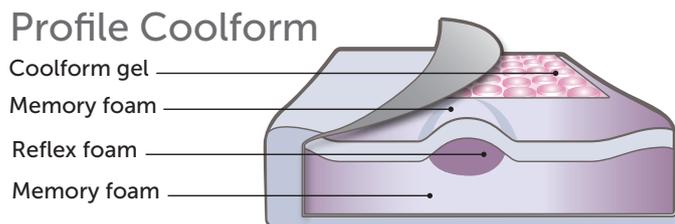


Pressure Risk **HIGH**

For those who currently have or who are at high risk of pressure sores. Users need to have good pelvic stability and core trunk strength to accommodate the air pressure changes.

The Airform has three manual air cushions under a layer of memory foam. The cushion provides all the benefit of an air cushion without the sensation of alternating changes in air pressure.

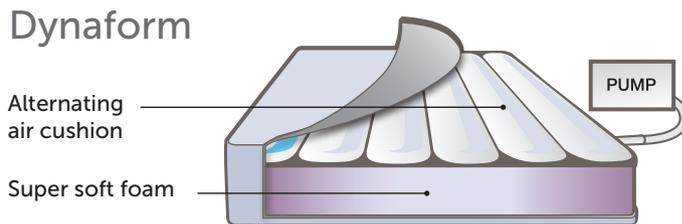
Profile Coolform



Pressure Risk **MEDIUM** → **HIGH**

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.

Dynaform



Pressure Risk **VERY HIGH**

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.

Adaptable Cushions

The C-air comes with a fixed waterfall back cushion as standard. A range of fully removable back and seat cushions are available to choose from, providing the ultimate flexibility to fit the chair to the individual. Easy to remove covers also ensures high levels of hygiene and easy maintenance of the chair.



The removable back cushions provide complete flexibility, each cushion can be separately removed and repositioned for the individual's comfort. In fibre filled cushions the padding levels can also be adjusted.



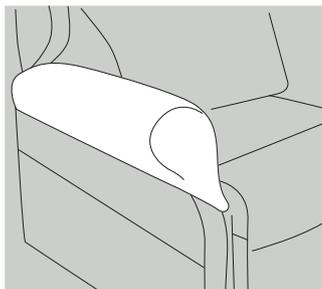
Seat cushions can be removed and interchanged to adapt the chair to each new user's pressure care or support needs.



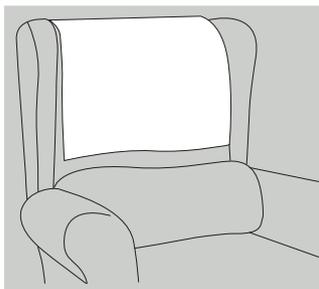
Easy to change covers.
Quick to remove and replace.

Optional Accessories

- A choice of interchangeable back cushions
- A choice of arm styles
- Full length arm covers
- Head cover
- Pockets on both sides of the chair
- Replacement chaise cover and memory foam
- Heavy duty lockable castors
- Glides for use on laminate and wood floors.



Arm cover

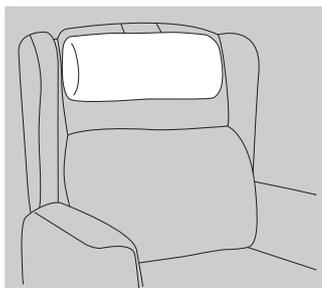


Head cover

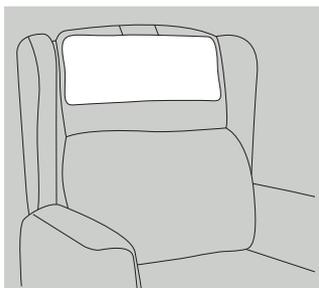
Safety Options

- Simple handset with on/off safety button
- 20 cycle back-up unit
- Accupak rechargeable battery system for mains free operation
- Enclosure skirt.

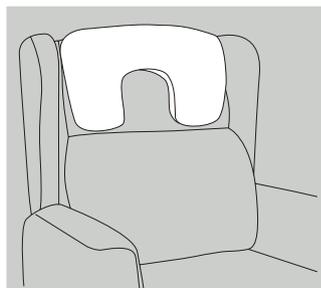
Headrests



Head roll



Small head pillow



Small profile headrest





Fabrics

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

Please note depending on the environment and the customer's needs the chair can be manufactured in general domestic fabric if required as an upgrade.

Weights and Dimensions

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

The Airform cushion has the following weight limits:

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

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)

The Celliform cushion has the following weight limit:

Maximum weight of user 127 Kg (20 stone)



Seat Height	406mm (16")	457mm (18")	508mm (20")
Seat Width	457mm (18")	457mm (18")	457mm (18")
	508mm (20")	508mm (20")	508mm (20")
	559mm (22")	559mm (22")	559mm (22")
Seat Depth	457mm (18")	457mm (18")	457mm (18")
	508mm (20")	508mm (20")	508mm (20")
Seat Depth			
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.

Warranty

Two years on mechanisms, frame and upholstery.

One year on air seat cushions.

Full terms and conditions are available on our website.

We recommend that professional advice is sought when purchasing specialist seating.



Repose Furniture Limited
Attwood House
Cokeland Place
Cradley Heath
West Midlands
B64 6AN

Tel: 0844 7766 001*

Fax: 0844 7766 002*

Email: info@reposefurniture.co.uk

*Calls cost 7p a minute plus your networks access charge.



www.reposefurniture.co.uk



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