

# Vertical Air Cell Cushions

For Pressure Care

Etac has a proud history of producing wheelchairs and wheelchair seating designed to meet the user's clinical and functional needs. Etac's Star cushions are no different, offering incredibly versatile, individualised seating, with a focus on enhanced stability.



## Intended Use of the Guide

This clinical guide is to be used alongside assessment and clinical judgment to help prescribers of assistive technology select the right Star pressure care cushion and facilitate an optimal setup to meet an individual user's goals, desired outcomes and pressure care needs.

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# Contents

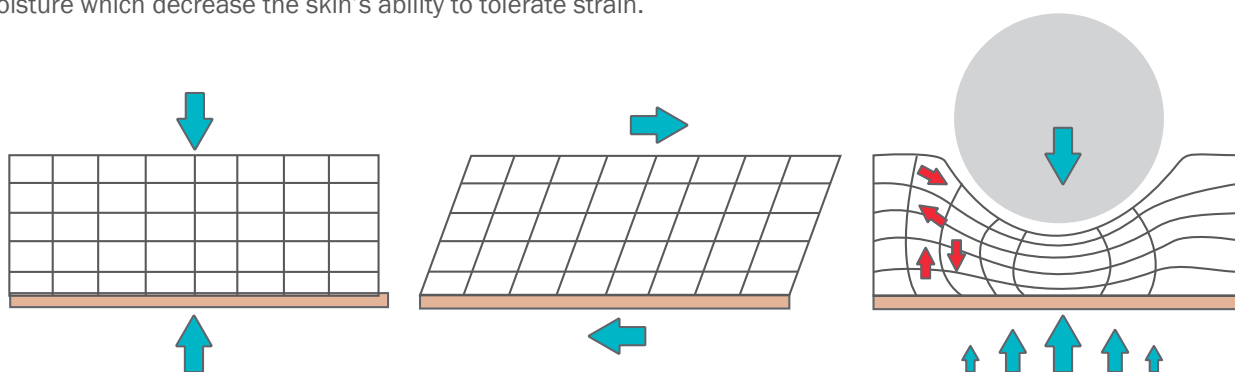
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# Clinical Background

## Pressure Injuries

A pressure injury is defined as “a localised damage to the skin and/or underlying tissue which occurs as a result of direct pressure, or a combination of pressure and shear forces”.<sup>(1)</sup> Pressure and shear cause localised deformation to the cells in the tissue, which when applied for a duration, results in tissue damage and consequent breakdown<sup>(2)</sup>. This progresses to formation of Pressure Injury.

The damaging effects of pressure and shear can be compounded by external risk factors such as friction, heat and moisture which decrease the skin’s ability to tolerate strain.



### Pressure

Pressure is a perpendicular force applied over a given area.

### Shear

Shear is a force that occurs parallel to the surface.

### Pressure in combination with shear

Complex, multidirectional strain on the tissue

An individual has a specific tissue tolerance in which they can be exposed to pressure and shear without tissue damage. This tolerance can be influenced by many factors including age, BMI, nutritional status, and presence of comorbidities.

Factors contributing to an individual’s inability to attend to natural repositioning to avoid pressure injury may include:

- Immobility
- Decreased activity levels
- Reduced sensation
- Cognitive impairment
- Communication barriers
- Reduced tissue tolerance

Cell deformation leads to a vicious cycle involving cell damage, cell death, inflammation, oedema, increased interstitial pressure, ischaemia and eventual tissue death.<sup>(2)</sup> Each individual has a critical time in which the cell deformation is reversible.

The amount of force applied by the pressure and the time this is applied for are interrelated. A higher pressure will take less time to result in cell death, whilst a lower pressure will be tolerated for increased time, however damage will inevitably eventuate. As such, the goal of prevention is to minimise the pressure applied to the tissues, especially peak pressures under bony prominences which will increase the time an individual is able to tolerate overall force this without cell death and pressure injury.

Selection of an appropriate support surface, regular repositioning and offloading forms an important part of a pressure injury prevention program.

(1) Clinical Practice Guideline. The International Guideline. Emily Haesler (Ed.). EPUAP/NPIAP/PPPIA. 2019

(2) Gefen, A., Brienza, D., Cuddigan, J., Haesler, E. and Kottner. Our Contemporary Understanding of the Aetiology of Pressure Ulcers/Pressure Injuries. International Wound Journal. Vol 10. Issue 3. March 2022

## Pressure Redistribution

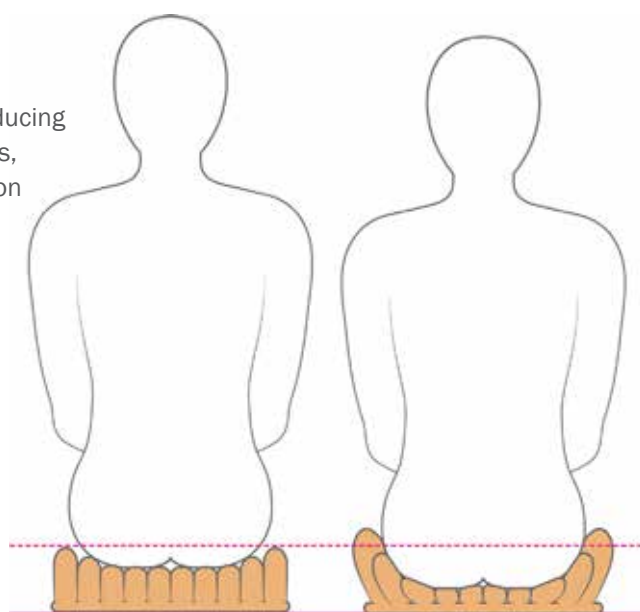
Most wheelchair cushions work through a process of pressure redistribution. Pressure redistribution positively impacts by reducing peak pressures, especially under vulnerable bony prominences, by increasing the surface contact area with the body. Immersion and envelopment are fundamental mechanisms that enable effective pressure redistribution. When an individual is immersed and enveloped in a cushion, the contact surface area increases, reducing average and peak pressures.

### Immersion:

The amount the individual will sink into the cushion's surface.

### Envelopment:

How closely the cushion surface will follow the body shape.

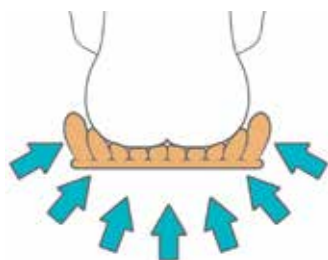


Reducing peak pressures at the tissue will minimise damaging skin/tissue distortions as a result of pressure and shear. Reducing these points of increased pressure that can cause tissue distortions is vital in preventing pressure injuries. Cell deformation is now considered the primary mechanism for causing pressure injuries.<sup>(1),(2)</sup>

Although, with consideration to traditional theories of vessel occlusion and associated tissue ischaemia, a pressure redistribution surface will also be of value in reducing the peak pressures that contribute to closure of the arterioles, capillaries and venules. Reducing the pressure below critical levels will allow free flow of oxygen and nutrients to maintain cell equilibrium.

## Vertical Air Cell Technology

Star cushions feature vertical air cell technology designed specifically for individuals at high risk of pressure injuries. Star cushions are fully adjustable to suit the individual's weight, body shape and pressure redistribution needs.



### Interconnecting Air Cells

Star's interconnected vertical air cell design ensures internal cell pressures equalise as the user sits in the cushion. This equalisation of cell pressures automatically moves air away from high-pressure points and continues to provide active prevention as the user moves in their seat. Star's vertical air cell construction also effectively reduces surface tension on the skin and enables excellent envelopment.



### Adjustment to the Individual

The continuous adjustment potential of Star, coupled with cell height options, up to a unique 13 cm, enables optimal immersion to increase skin contact area. The user is immersed as much as possible with minimised risk of bottoming out due to functional movement or repositioning. The adjustable nature of the cushions makes Star cushions ideal for individualisation of preventative care for users of any size, weight or shape.

<sup>(1)</sup> European Advisory Panel, National Pressure Injury Advisory Panel and Pan Pacific Pressure Injury Alliance. Prevention and Treatment of Pressure Ulcers/Injuries: Clinical Practice Guideline. The International Guideline. Emily Haesler (Ed.). EPUAP/NPIAP/PPPIA. 2019

<sup>(2)</sup> Gefen, A., Brienza, D., Cuddigan, J., Haesler, E. and Kottner, J. (2021). Our Contemporary Understanding of the Aetiology of Pressure Ulcers/Pressure Injuries. International Wound Journal. Vol 10. Issue 3. March 2022.

# Assessing for a Star Cushion

Star cushions are designed for individuals needing optimal immersion and envelopment as part of a pressure injury prevention program or for therapeutic intervention.

## 1 Assess Stability and Postural Needs

Consider the user's functional and pressure care goals. Assess the individual's needs for stable base, offloading, and/or individualised shape for postural support.

## 2 Select the Right Cushion Model

Select the most appropriate cushion model based on the required features best suited to the individual goals and needs.



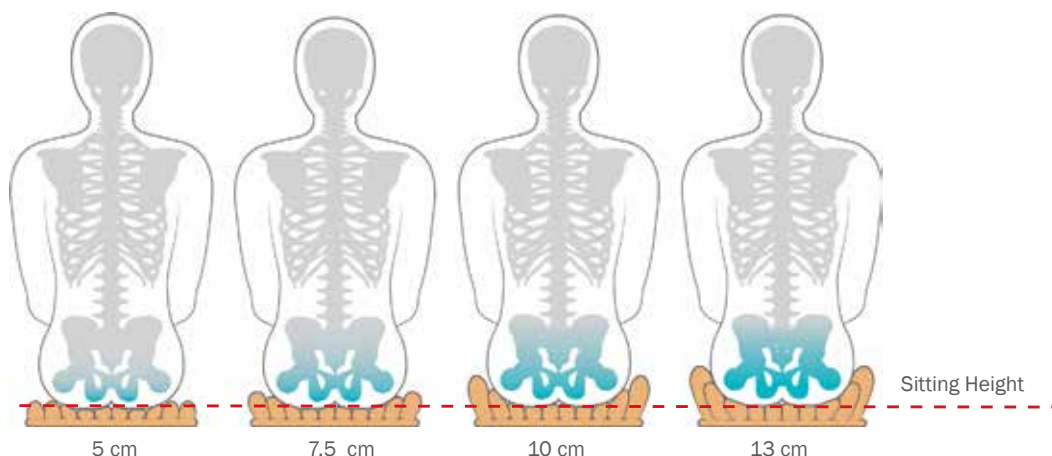
Feature	Standard Air	StabilAir	StarLock
<p>Pressure Redistribution</p>	✓	✓	✓
<p>Stability</p>		✓	
	Slowed Airflow		
			✓
Full Contour Lock			
<p>Offloading</p>			✓
<p>Postural Support</p>			✓

### 3 Assess the Risk

Assess the risk of the individual developing a pressure injury. A risk assessment scale can be a helpful aid in determining risk, e.g., Waterlow, Norton or Braden, however do not replace the need for holistic assessment and clinical reasoning.

### 4 Select Cushion Height

Star cushions are available in four heights, offering varying degrees of immersion.



Cushion Height	Pressure Redistribution*	Offloading (Starlock only)	Posture (Starlock only)
5 cm	Low to medium-risk active users		
7.5 cm	Medium to high-risk active users		7.5 cm StarLock can accommodate mild asymmetry
10 cm	High to very high risk users	Reduce load to vulnerable bony prominences	10 cm StarLock can accommodate moderate asymmetry
13 cm	High immersion for excellent pressure redistribution and may also envelop the greater trochanters	Reduce load to vulnerable bony prominences and the associated strained tissue	13 cm StarLock can accommodate large asymmetry

\*This guide is based on the level of immersion and is not intended to supersede assessment and clinical judgment

With StarLock, higher air cells enable greater stability and positioning abilities.

Be aware, however, that lower heights may still be preferred by some, e.g., for ease of transfers.

Use pressure redistribution cushions in conjunction with a wider multi-factorial program of pressure care.

Weight shifting and pressure relieving manoeuvres remain important pressure injury prevention, irrespective of the support surface type.

# Star Standard Air – Pressure Protection

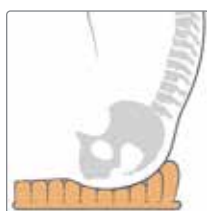
Standard Air is a classic single chamber vertical air cell cushion with pressure redistribution qualities.

## Free Air Flow

The Star Standard Air cushion can be adjusted to ensure the user is optimally immersed, thus enabling excellent pressure redistribution. The Standard Air's interconnected air cell structure creates a free airflow throughout the cushion, allowing it to adjust continuously to the user's body shape as they actively move or reposition in their seat.

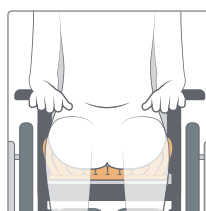


## Features and Benefits



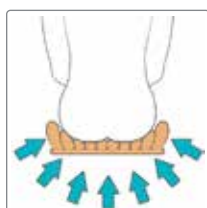
### Vertical Air Cell

Interconnected vertical air cell cushions have a long evidence based history of being used for pressure redistribution due to high envelopment, immersive properties, and reduced surface tension.



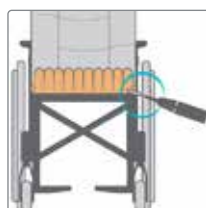
### Adjustable

The air level can be adjusted and reset again and again to achieve to optimal amount of immersion for the individual as their needs change.



### Pressure Redistribution

Standard Air's interconnected air cells ensure excellent pressure redistribution properties, continually readjusting to the user's shape as they actively move or reposition in their seat.



### Single Chamber

Single chamber entails only one valve adjustment. The Standard Air Cushion is ideal for easy handling and maintenance.



## Standard Air Size Guide



Standard Air W x D	5 cm	10 cm	Seat width*	Cells W x D
26 x 26 cm	ESSCS0909-1	ESSC0909-1	22 - 25 cm	5 x 5
26 x 30 cm	ESSCS0911-1	ESSC0911-1	22 - 25 cm	5 x 6
26 x 34 cm	ESSCS0913-1	ESSC0913-1	22 - 25 cm	5 x 7
30 x 26 cm	ESSCS1109-1	ESSC1109-1	26 - 30 cm	6 x 5
30 x 30 cm	ESSCS1111-1	ESSC1111-1	26 - 30 cm	6 x 6
30 x 34 cm	ESSCS1113-1	ESSC1113-1	26 - 30 cm	6 x 7
30 x 39 cm	ESSCS1115-1	ESSC1115-1	26 - 30 cm	6 x 8
34 x 26 cm	ESSCS1309-1	ESSC1309-1	31 - 35 cm	7 x 5
34 x 30 cm	ESSCS1311-1	ESSC1311-1	31 - 35 cm	7 x 6
34 x 34 cm	ESSCS1313-1	ESSC1313-1	31 - 35 cm	7 x 7
34 x 39 cm	ESSCS1315-1	ESSC1315-1	31 - 35 cm	7 x 8
34 x 44 cm	ESSCS1317-1	ESSC1317-1	31 - 35 cm	7 x 9
39 x 30 cm	ESSCS1511-1	ESSC1511-1	36 - 40 cm	8 x 6
39 x 34 cm	ESSCS1513-1	ESSC1513-1	36 - 40 cm	8 x 7
39 x 39 cm	ESSCS1515-1	ESSC1515-1	36 - 40 cm	8 x 8
39 x 44 cm	ESSCS1517-1	ESSC1517-1	36 - 40 cm	8 x 9
39 x 49 cm	ESSCS1519-1	ESSC1519-1	36 - 40 cm	8 x 10
39 x 53 cm	ESSCS1521-1	ESSC1521-1	36 - 40 cm	8 x 11
44 x 34 cm	ESSCS1713-1	ESSC1713-1	40 - 44 cm	9 x 7
44 x 39 cm	ESSCS1715-1	ESSC1715-1	40 - 44 cm	9 x 8
44 x 44 cm	ESSCS1717-1	ESSC1717-1	40 - 44 cm	9 x 9
44 x 49 cm	ESSCS1719-1	ESSC1719-1	40 - 44 cm	9 x 10
44 x 53 cm	ESSCS1721-1	ESSC1721-1	40 - 44 cm	9 x 11
49 x 39 cm	ESSCS1915-1	ESSC1915-1	44 - 49 cm	10 x 8
49 x 44 cm	ESSCS1917-1	ESSC1917-1	44 - 49 cm	10 x 9
49 x 49 cm	ESSCS1919-1	ESSC1919-1	44 - 49 cm	10 x 10
49 x 53 cm	ESSCS1921-1	ESSC1921-1	44 - 49 cm	10 x 11
53 x 39 cm	ESSCS2115-1	ESSC2115-1	49 - 54 cm	11 x 8
53 x 44 cm	ESSCS2117-1	ESSC2117-1	49 - 54 cm	11 x 9
53 x 49 cm	ESSCS2119-1	ESSC2119-1	49 - 54 cm	11 x 10
53 x 53 cm	ESSCS2121-1	ESSC2121-1	49 - 54 cm	11 x 11

\* If placed on a wheelchair, the cushion base edges may be impeded. Hence the difference between the base measurements and recommended seat width.

# Star StabilAir – Controlled Airflow

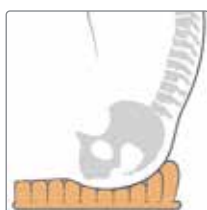
The StabilAir cushion is a single chamber vertical air cell cushion with internal soft foam cylinders for added stability, making the StabilAir the perfect cushion for those wanting slower air flow and bottoming out support.

## Slowed Airflow Enhancing Stability

Each StabilAir cushion has a graded size of internal foam cylinders which are contoured to the body being higher on the outside to facilitate envelopment and lower under the pelvis, coccyx and femurs. The foam cylinders in the air cells function as buffers, slowing the movement of air and enhancing stability. The traditional air pocket above the foam enables effective pressure redistribution, using the same air flow technology as all of the Star cushion range.

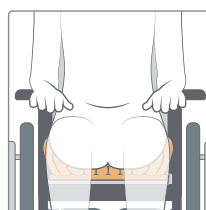


## Features and Benefits



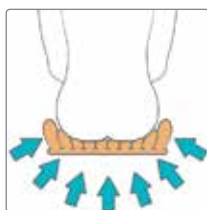
### Vertical Air Cell

Interconnected vertical air cell cushions have a long evidence based history of being used for pressure redistribution due to high envelopment, immersive properties, and reduced surface tension.



### Adjustability

The air level can be adjusted and reset again and again to achieve to optimal amount of immersion for the individual.



### Pressure Redistribution

StabilAir's interconnected air cells ensure excellent pressure redistribution properties, continually readjusted to the user's shape as they move or reposition in their seat.



### Foam Buffers

Each cell has a built-in soft foam cylinder, which acts as a buffer, slowing air movement throughout the cushion to increase stability. In addition, the foam cylinders are contoured to maximise stability.

## StabilAir Size Guide



StabilAir W x D	7.5 cm	10 cm	Seat width*	Cells W x D
26 x 26 cm	ESSA30909-1	ESSA40909-1	22 - 25 cm	5 x 5
26 x 30 cm	ESSA30911-1	ESSA40911-1	22 - 25 cm	5 x 6
26 x 34 cm	ESSA30913-1	ESSA40913-1	22 - 25 cm	5 x 7
30 x 26 cm	ESSA31109-1	ESSA41109-1	26 - 30 cm	6 x 5
30 x 30 cm	ESSA31111-1	ESSA41111-1	26 - 30 cm	6 x 6
30 x 34 cm	ESSA31113-1	ESSA41113-1	26 - 30 cm	6 x 7
30 x 39 cm	ESSA31115-1	ESSA41115-1	26 - 30 cm	6 x 8
34 x 26 cm	ESSA31309-1	ESSA41309-1	31 - 35 cm	7 x 5
34 x 30 cm	ESSA31311-1	ESSA41311-1	31 - 35 cm	7 x 6
34 x 34 cm	ESSA31313-1	ESSA41313-1	31 - 35 cm	7 x 7
34 x 39 cm	ESSA31315-1	ESSA41315-1	31 - 35 cm	7 x 8
34 x 44 cm	ESSA31317-1	ESSA41317-1	31 - 35 cm	7 x 9
39 x 30 cm	ESSA31511-1	ESSA41511-1	36 - 40 cm	8 x 6
39 x 34 cm	ESSA31513-1	ESSA41513-1	36 - 40 cm	8 x 7
39 x 39 cm	ESSA31515-1	ESSA41515-1	36 - 40 cm	8 x 8
39 x 44 cm	ESSA31517-1	ESSA41517-1	36 - 40 cm	8 x 9
39 x 49 cm	ESSA31519-1	ESSA41519-1	36 - 40 cm	8 x 10
39 x 53 cm	ESSA31521-1	ESSA41521-1	36 - 40 cm	8 x 11
44 x 34 cm	ESSA31713-1	ESSA41713-1	40 - 44 cm	9 x 7
44 x 39 cm	ESSA31715-1	ESSA41715-1	40 - 44 cm	9 x 8
44 x 44 cm	ESSA31717-1	ESSA41717-1	40 - 44 cm	9 x 9
44 x 49 cm	ESSA31719-1	ESSA41719-1	40 - 44 cm	9 x 10
44 x 53 cm	ESSA31721-1	ESSA41721-1	40 - 44 cm	9 x 11
49 x 39 cm	ESSA31915-1	ESSA41915-1	44 - 49 cm	10 x 8
49 x 44 cm	ESSA31917-1	ESSA41917-1	44 - 49 cm	10 x 9
49 x 49 cm	ESSA31919-1	ESSA41919-1	44 - 49 cm	10 x 10
49 x 53 cm	ESSA31921-1	ESSA41921-1	44 - 49 cm	10 x 11
53 x 39 cm	ESSA32115-1	ESSA42115-1	49 - 54 cm	11 x 8
53 x 44 cm	ESSA32117-1	ESSA42117-1	49 - 54 cm	11 x 9
53 x 49 cm	ESSA32119-1	ESSA42119-1	49 - 54 cm	11 x 10
53 x 53 cm	ESSA32121-1	ESSA42121-1	49 - 54 cm	11 x 11

\* If placed on a wheelchair, the cushion base edges may fold upwards. Hence the difference between the base measurements and recommended seat width.

# StarLock – Ultimate Functionality

In air cell cushions, the combination of pressure redistributing qualities and stability have always been a difficult compromise – With StarLock, you can facilitate both.

## Pressure Care with Pressure Redistribution and Postural Support

StarLock is the complete cushion solution for pressure care with pressure redistribution, stability and postural support. It is available in 5, 7.5, 10 and a superior immersion of 13cm cell height.

Which ever cell height is selected, the sitting height will always be the same, as determined by a bottoming out test. The added benefit of increased cell height increases the immersion and envelopment providing greater surface area for pressure redistribution.

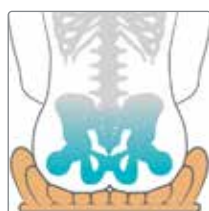
The 13cm cell height is unique to StarLock and facilitates this added level of immersion and envelopment, maximising the surface outcomes as part of a pressure care prevention program.



## Shaping, Offloading and Stability

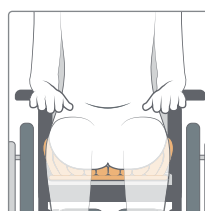
The unique StarLock Technology, provides the possibility to lock air into each vertical air cell which allows for individualisation of shape, offload localised pressure and increase stability, allowing for maximised postural support. It can be adjusted and reset again and again, making it very flexible over time flexible over time as the user's needs change. StarLock can also work as a single air chamber cushion allowing individualisation for optimal pressure redistribution.

## Features



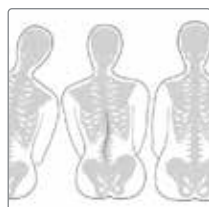
### Pressure Redistribution

StarLock is the only air cell cushion with a 13 cm cell height - that redistributes pressure over a larger surface, provides greater immersion into the cushion, and when unlocked continuously, readjusts to the user's shape as they move in their seat.



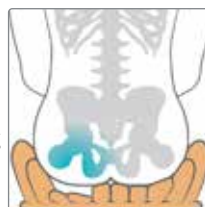
### Adjustability

StarLock can be adjusted and reset again and again, making it very flexible over time. The user can remain seated throughout the assessment.



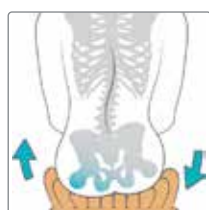
### Shape for the Individual

StarLock technology conforms to the user's body shape or desired postural position, which can be facilitated by locking the air into each cell. StarLock can meet the individual user's changing needs for support and anatomical shape.



### Offloading

Locking down cells in a selected area of the cushion can relieve pressure by offload on particularly vulnerable areas such as under bony prominences, areas of skin breakdown, tissue at higher risk, or areas of pain.



### Stability

In addition to the design of the interlocking star shaped cells the ability to individually lock each cell aids stability for sitting posture, function and transfers. Ensuring complete individualisation of the stability offered.

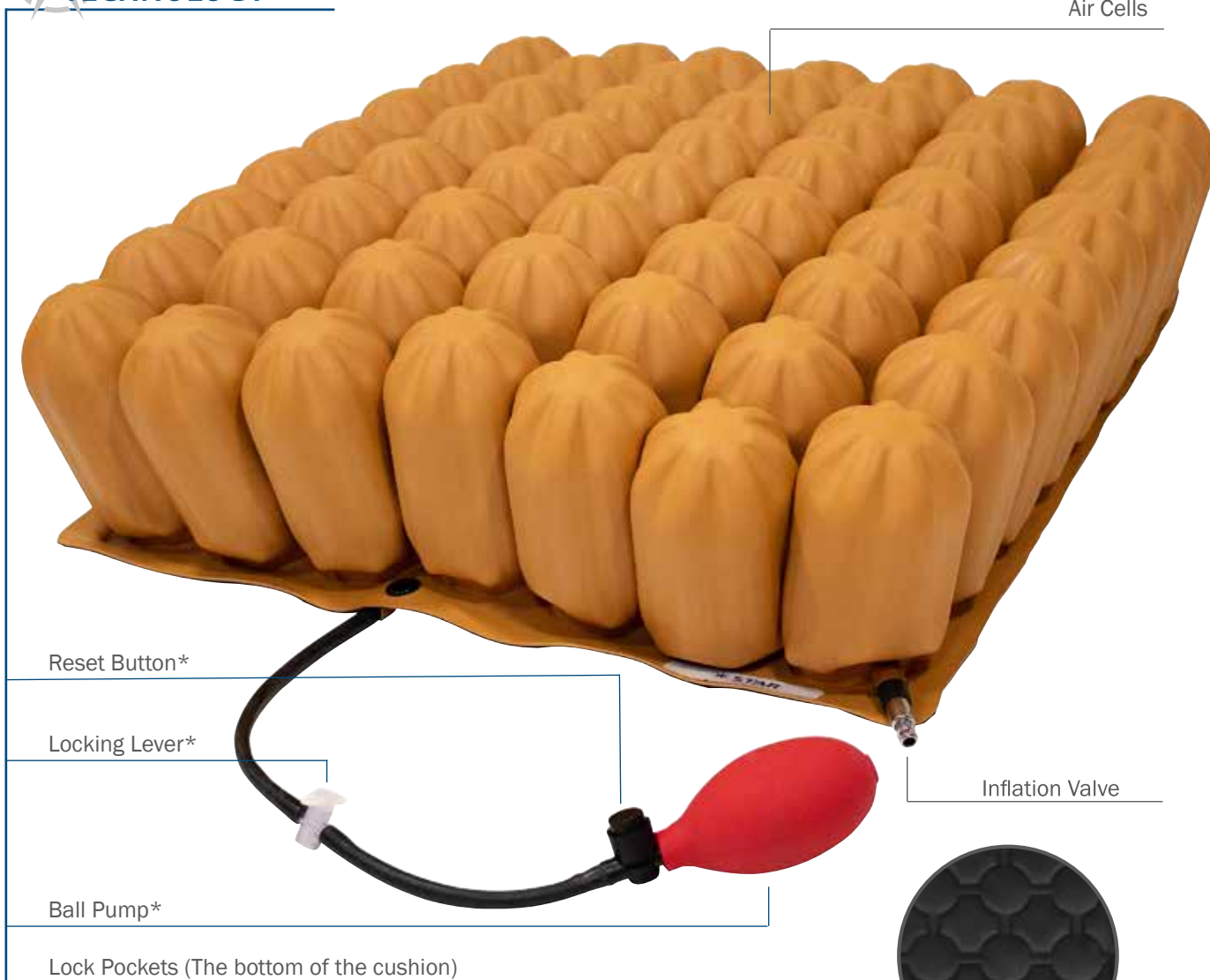


### Recondition and Reuse

Starlock can be repaired, washed or disinfected as required or between users. Maximised interchangeability of design, the StarLock can also be used as a single chamber cushion.

 STARLOCK TECHNOLOGY

Air Cells



\*Reset Button, Locking Lever and Ball Pump are all for activating and deactivating the locking feature.

StarLock cushions come complete with a fitted cover, hand pump, user manual and repair kit.

Cover - standard or optional incontinence

Discrete padded pocket for Ball Pump



## StarLock Size Guide



StarLock	5 cm	7.5 cm	10 cm	Width*	Cells	StarLock	13 cm	Width*	Cells
26 x 26 cm	ESSL20909-1	ESSL30909-1	ESSL40909-1	22 - 25 cm	5 x 5	26 x 26 cm	ESSL51010-1	22 - 26 cm	4 x 4
26 x 30 cm	ESSL20911-1	ESSL30911-1	ESSL40911-1	22 - 25 cm	5 x 6	26 x 30 cm	ESSL51012-1	22 - 26 cm	4 x 5
26 x 34 cm	ESSL20913-1	ESSL30913-1	ESSL40913-1	22 - 25 cm	5 x 7	26 x 36 cm	ESSL51014-1	22 - 26 cm	4 x 6
30 x 26 cm	ESSL21109-1	ESSL31109-1	ESSL41109-1	26 - 30 cm	6 x 5	30 x 26 cm	ESSL51210-1	27 - 32 cm	5 x 4
30 x 30 cm	ESSL21111-1	ESSL31111-1	ESSL41111-1	26 - 30 cm	6 x 6	30 x 30 cm	ESSL51212-1	27 - 32 cm	5 x 5
30 x 34 cm	ESSL21113-1	ESSL31113-1	ESSL41113-1	26 - 30 cm	6 x 7	30 x 36 cm	ESSL51214-1	27 - 32 cm	5 x 6
30 x 39 cm	ESSL21115-1	ESSL31115-1	ESSL41115-1	26 - 30 cm	6 x 8	30 x 41 cm	ESSL51216-1	27 - 32 cm	5 x 7
34 x 26 cm	ESSL21309-1	ESSL31309-1	ESSL41309-1	31 - 35 cm	7 x 5	36 x 26 cm	ESSL51410-1	33 - 37 cm	6 x 4
34 x 30 cm	ESSL21311-1	ESSL31311-1	ESSL41311-1	31 - 35 cm	7 x 6	36 x 30 cm	ESSL51412-1	33 - 37 cm	6 x 5
34 x 34 cm	ESSL21313-1	ESSL31313-1	ESSL41313-1	31 - 35 cm	7 x 7	36 x 36 cm	ESSL51414-1	33 - 37 cm	6 x 6
34 x 39 cm	ESSL21315-1	ESSL31315-1	ESSL41315-1	31 - 35 cm	7 x 8	36 x 41 cm	ESSL51416-1	33 - 37 cm	6 x 7
34 x 44 cm	ESSL21317-1	ESSL31317-1	ESSL41317-1	31 - 35 cm	7 x 9	36 x 46 cm	ESSL51418-1	33 - 37 cm	6 x 8
39 x 30 cm	ESSL21511-1	ESSL31511-1	ESSL41511-1	36 - 40 cm	8 x 6	41 x 30 cm	ESSL51612-1	38 - 43 cm	7 x 5
39 x 34 cm	ESSL21513-1	ESSL31513-1	ESSL41513-1	36 - 40 cm	8 x 7	41 x 36 cm	ESSL51614-1	38 - 43 cm	7 x 6
39 x 39 cm	ESSL21515-1	ESSL31515-1	ESSL41515-1	36 - 40 cm	8 x 8	41 x 41 cm	ESSL51616-1	38 - 43 cm	7 x 7
39 x 44 cm	ESSL21517-1	ESSL31517-1	ESSL41517-1	36 - 40 cm	8 x 9	41 x 46 cm	ESSL51618-1	38 - 43 cm	7 x 8
39 x 49 cm	ESSL21519-1	ESSL31519-1	ESSL41519-1	36 - 40 cm	8 x 10	41 x 51 cm	ESSL51620-1	38 - 43 cm	7 x 9
39 x 53 cm	ESSL21521-1	ESSL31521-1	ESSL41521-1	36 - 40 cm	8 x 11	41 x 56 cm	ESSL51622-1	38 - 43 cm	7 x 10
44 x 34 cm	ESSL21713-1	ESSL31713-1	ESSL41713-1	40 - 44 cm	9 x 7	46 x 36 cm	ESSL51814-1	43 - 49 cm	8 x 6
44 x 39 cm	ESSL21715-1	ESSL31715-1	ESSL41715-1	40 - 44 cm	9 x 8	46 x 41 cm	ESSL51816-1	43 - 49 cm	8 x 7
44 x 44 cm	ESSL21717-1	ESSL31717-1	ESSL41717-1	40 - 44 cm	9 x 9	46 x 46 cm	ESSL51818-1	43 - 49 cm	8 x 8
44 x 49 cm	ESSL21719-1	ESSL31719-1	ESSL41719-1	40 - 44 cm	9 x 10	46 x 51 cm	ESSL51820-1	43 - 49 cm	8 x 9
44 x 53 cm	ESSL21721-1	ESSL31721-1	ESSL41721-1	40 - 44 cm	9 x 11	46 x 56 cm	ESSL51822-1	43 - 49 cm	8 x 10
49 x 39 cm	ESSL21915-1	ESSL31915-1	ESSL41915-1	44 - 49 cm	10 x 8	51 x 41 cm	ESSL52016-1	48 - 53 cm	9 x 7
49 x 44 cm	ESSL21917-1	ESSL31917-1	ESSL41917-1	44 - 49 cm	10 x 9	51 x 46 cm	ESSL52018-1	48 - 53 cm	9 x 8
49 x 49 cm	ESSL21919-1	ESSL31919-1	ESSL41919-1	44 - 49 cm	10 x 10	51 x 51 cm	ESSL52020-1	48 - 53 cm	9 x 9
49 x 53 cm	ESSL21921-1	ESSL31921-1	ESSL41921-1	44 - 49 cm	10 x 11	51 x 56 cm	ESSL52022-1	48 - 53 cm	9 x 10
53 x 39 cm	ESSL22115-1	ESSL32115-1	ESSL42115-1	49 - 54 cm	11 x 8	56 x 41 cm	ESSL52216-1	53 - 59 cm	10 x 7
53 x 44 cm	ESSL22117-1	ESSL32117-1	ESSL42117-1	49 - 54 cm	11 x 9	56 x 46 cm	ESSL52218-1	53 - 59 cm	10 x 8
53 x 49 cm	ESSL22119-1	ESSL32119-1	ESSL42119-1	49 - 54 cm	11 x 10	56 x 51 cm	ESSL52220-1	53 - 59 cm	10 x 9
53 x 53 cm	ESSL22121-1	ESSL32121-1	ESSL42121-1	49 - 54 cm	11 x 11	56 x 56 cm	ESSL52222-1	53 - 59 cm	10 x 10

\* If placed on a wheelchair, the cushion \*base edges may fold upwards. Hence the difference between the base measurements and recommended seat width.

# Setting up Star Cushions

## Setting the Air Level

The air level of the Star cushions can be set easily following the user manual and animated video. A bottoming out test will determine the ideal sitting height and maximise the level of immersion.

## StarLock

Once the air level is determined the air can then be locked into the individuals' cells, ensuring the users individualised postural position and/or offloaded cells remain set. This can easily be done by following the user manual/video.



### Quick Guide Standard Air and StabilAir

Click or Scan the QR code to watch the quick guide for setting the air level for Standard Air and StabilAir.



### Quick Guide StarLock

Click or Scan the QR code to watch the quick guide for setting the air level for StarLock.





  
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