

Resource File



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Click on item to go to page

Useful Contact Numbers

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Clinical Nurse Advisor

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available 8.30 - 4.30, Monday-Friday

Outside of those hours, please contact Arjo Clinical on call

0845 745 2000

Arjo

24hr Rental Helpline

08457 342000

Arjo

24hr Service Helpline

Use **Arjo Express** for orders, cancellations & breakdowns

Arjo Express (Rental)

arjo

Welcome to Arjo Express

With people in mind

Welcome to the Arjo Express Online Ordering System.

Should you have any questions regarding Arjo Express or the log-in process, we can be contacted by phone via the country numbers below.

US Phone: 1 800 323 1245	UK Phone: +44 1582 745 700	Ireland Phone: +353 1 809 8960
Australia Phone: 1800 007 368	New Zealand Phone: 0800 000 151	Northern Ireland Phone: +44 2890 502000

Show system requirements **3**

Contact us

Enter your credentials **1**

Username

Password
 2

[Sign in](#)

1. **Sign In**
Enter your Username & Password & Click on the Sign in Button
2. Click on the Sign In Button
3. If you need assistance or support, click on the contact us option, fill in the form and we will be in touch

When you access Arjo Express for the first time, you will be prompted to choose a new password, to do this, enter your current login and then enter a new password and confirm the new Password and click save, confirm that you want to make the change and hit save

Note* The password needs to be 8 characters or longer and should include a mixture of uppercase & lower case letters, numbers & special characters. Please remember your details.

Create an Order with Delivery Service

About creating orders

You can create a bed store order by following the basic steps below.

If at any time you want to exit and start a new order without saving, press the **Clear form** button at the bottom of the page.

Some fields may be hidden depending on settings in Arjo Express.

The screenshot shows the 'Create order' form in the Arjo Express system. The form is divided into several sections, each with a numbered callout:

- 1**: Points to the 'Orders' menu item in the top navigation bar.
- 2**: Points to the 'Create order' link in the left-hand menu.
- 3.1**: Points to the 'Customer' dropdown menu.
- 3.2**: Points to the 'Patient information' section, which includes fields for 'Sold to', 'Room number', 'Purchase order number', and 'Patient number'.
- 3.3**: Points to the 'Room number' field.
- 3.4**: Points to the 'Purchase order number' field.
- 4.1**: Points to the 'Select products' section, which includes a dropdown menu for 'Please select an item' and a table of products (e.g., 'RENGAROSE', 'Aax Testing System').
- 5.1**: Points to the 'Delivery information' section, which includes fields for 'Requested delivery date', 'Requested delivery time', and a checkbox for 'I am the contact person'.
- 5.2**: Points to the 'Contact person' field.
- 5.3**: Points to the 'Instructions for delivery and installation' text area.
- 5.4**: Points to the 'Submit order' button at the bottom right of the form.

Create an Order with Delivery Service

1. Click **Orders** in the top menu bar
2. Click **Create Order** in the left menu bar
3. Add **Patient** and **Location** information
 - 3.1. Select **Customer** and **Ward**
 - 3.2. Enter the **Patient Information**
 - 3.3. Enter the **Room number**
 - 3.4. Enter the **Purchase Order Number** if you have one
4. Add **Products** to the order
 - 4.1. Choose **Product** from the dropdown
5. Enter **Delivery** details
 - 5.1. Click the **Calendar icon** to pick an installation date
 - 5.2. Check your contact details
 - 5.3. Enter any **Delivery** instructions needed
 - 5.4. Press the **Submit order** button and press **Yes** in the confirmation box to submit the order

How to use a QR codes

- Once you have a QR Code reader installed on your smartphone, you're ready to scan your first QR Code.
- Open the QR Code reader on your phone.
- Hold your device over a QR Code so that it's clearly visible within your smartphone's screen.
- Either your phone will automatically scans the code or you may have to press a button to snap a picture, similar to the button on your smartphone camera.
- You will be then directed to your product demonstration.

Supplementary information – demonstration video



Scan the QR code to view the **Citadel® Video**
High acuity bed



For additional information refer to the
Product Information for Use (IFU) manual.

If you require further assistance, please contact our
customer services on:

UK: **+44 (0) 8457 342000**

Belfast: **+44 (0) 28 9050 2000**

Dublin: **+353 (0) 1809 8960**

Designed for life, choice and value

Supplementary information – demonstration video



Scan the QR code to view the **Baros Bed with Sapphire 1100EC Mattress**



For additional information refer to the
Product Information for Use (IFU) manual.

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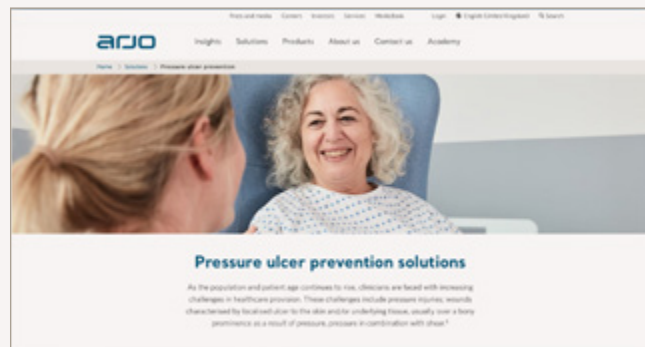
Dublin: **+353 (0) 1809 8960**

How to access Arjo website with further educational tools and Webinars

Here you will find out more about Arjo, our products, solutions and educational resources

Arjo UKs website is available on:

<https://www.arjo.com/en-gb/solutions/pressure-ulcer-prevention/>

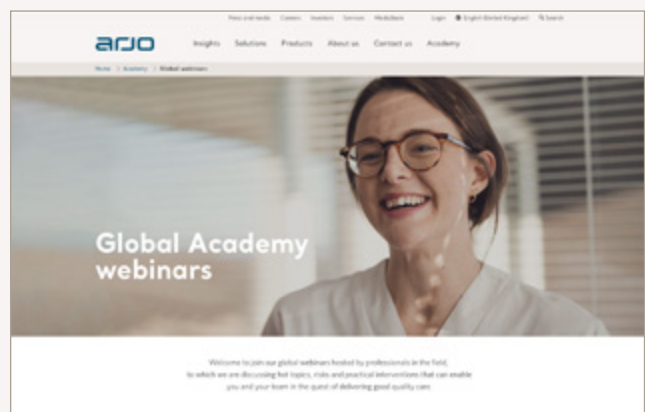


Arjo run a series of clinical educational webinars which are free to attend

Our academy global webinars hosted by professionals in the field, where we discuss hot topics, risks and practical interventions to support you and your colleagues in the quest of delivering good quality care.

There are recordings of past webinars and a calendar of future webinars and registration is free. Link to the academy is here:

<https://www.arjo.com/en-gb/academy/webinar/>



AtmosAir 9000

The following Product Specification is intended to assist the user in understanding the basic functions of the product. This information does not replace the safety warnings, cautions and other important information provided in the Instructions for Use (IFU) supplied with the equipment; copies of the IFU are available electronically on request from Arjo. Refer to the product instructions for use before using the product.



- Utilises an open-pressurised, Self-Adjusting Technology (SAT) which helps maximise body weight displacement and minimise tissue interface pressure, by automatically reacting to body movement, altitude and temperature and adjusting the internal air pressure
- 9 horizontally positioned air cylinders
- Sloped heel section helps to transfer weight off the heel area
- Firm perimeter provides seating support for the caregiver or patient
- Customisable length and widths to support a wide variety of bed frames
- Patient weight limit: 227kg (35 stone)



SAT™ Self Adjusting Technology

PRESSURE ULCERS PRESENT MULTIPLE CHALLENGES

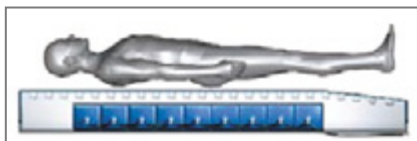
When a patient develops a pressure ulcer, it can cause many unwanted complications for a facility, including:

- Increased wound care expenses
- Poor Quality Initiative performance
- Increased use of nursing resources
- Poor patient outcomes
- Increased length of stay

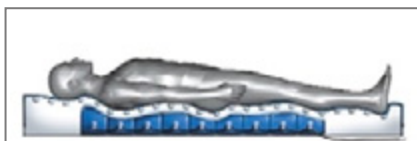
THERAPEUTIC SURFACES ARE NOT ALL THE SAME

Placing a patient on a therapeutic surface can help address pressure ulcer concerns, but not all non-powered air systems are created equally:

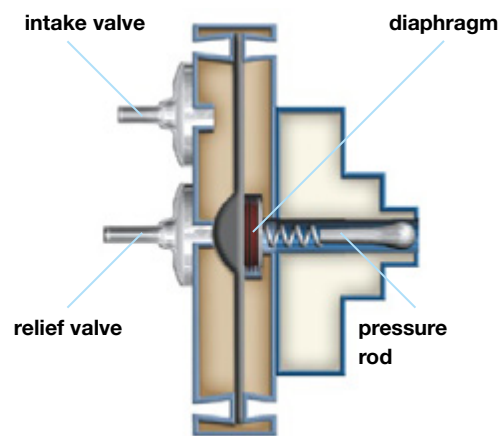
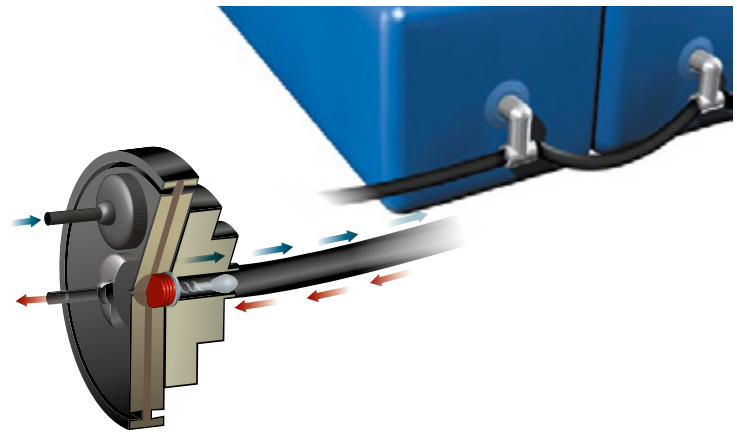
- **Open Pressurised** – Proprietary to Arjo's AtmosAir™ Mattress Replacement System (MRS), utilises a patented Self Adjusting Technology™ (SAT™) valve and non-weight bearing foam to help maintain optimised internal air pressures for optimum pressure redistribution.
- **Closed Pressurised** – Uses an air reservoir under the heel area that inflates to hold air displaced by patient weight and may increase firmness in heel section.
- **Open, Non-Pressurised** – Valve system similar to SAT™, but cannot maintain internal air pressures, and patient load is deflected to weight bearing foam. Essentially a foam support surface.



- Ready for patient placement, the SAT™ air chambers are equalised with atmospheric pressure.
- Once a patient lies down, the pressure inside the chambers increases, forcing a volume of air out through the SAT™ valve into the atmosphere.



- When a sufficient volume of air has exited the chambers to lower the internal pressure to a preset level, the valve closes to help maximise immersion.
- When weight is removed, the pressure inside the chambers decreases and the non-weight bearing foam creates a vacuum causing a volume of air to rush in from the atmosphere through the valve to re-equalise the chambers with atmospheric pressure.



The SAT™ dynamic valves react to internal pressure within the air chamber, controlling the flow of air within the SAT™ system.

THE SAT™ DIFFERENCE

SAT™ is a unique system of individual air chambers with self-regulating valves that continuously and automatically regulate internal air pressures for consistent pressure distribution.

Completely non-powered and open to the atmosphere, SAT™ provides optimised weight displacement without the need for air reservoirs, manual adjustments or monitoring.

THE BENEFITS OF SAT™

AtmosAir™ MRS surfaces with SAT™ offer many advantages:

- **Delivers Continuous Therapy** – Multiple, non-powered air cylinders and interconnected valves automatically regulate internal pressures to constantly prevent tissue damage
- **Administers Customised Therapy** – Independently operating air cylinders each have unique pressure profiles to adapt to patient needs and manage and help prevent skin breakdown
- **Provides Enhanced Ease-of-Use** – Non-powered intake and exhaust valves vent to the atmosphere, requiring no air system renewal, adjustment or monitoring
- **Prevents Infection** – Bactericidal materials inhibit microorganism growth

AtmosAir Plus

The following Product Specification is intended to assist the user in understanding the basic functions of the product. This information does not replace the safety warnings, cautions and other important information provided in the Instructions for Use (IFU) supplied with the equipment; copies of the IFU are available electronically on request from Arjo. Refer to the product instructions for use before using the product.

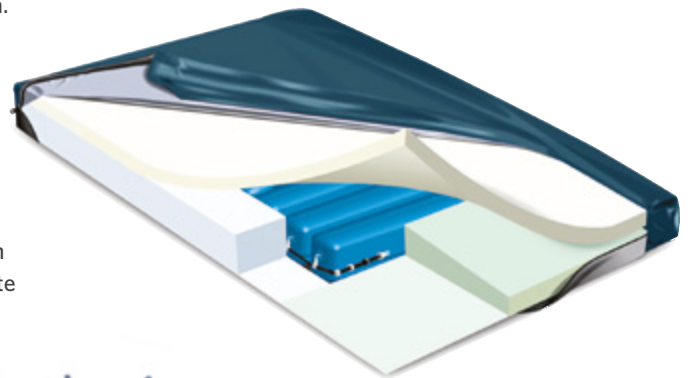
The AtmosAir™ Plus works together with the Citadel™ Plus Bariatric Care System to help treat and prevent pressure ulcers and facilitate safe patient handling, while maintaining the dignity for plus size patients.

The pressure redistribution surface uses Self Adjusting Technology (SAT) to automatically adjust cushion pressures in response to patient movement.

AtmosAir Plus is non-powered and delivers uninterrupted therapy – even when transporting a patient or during electrical power outages.



- Five horizontal and four vertical air cells are orientated to provide extra support and comfort in mid to lower back and buttocks area.
- Sloped heel section with visco-elastic foam helps transfer weight off the vulnerable heel area.
- Smooth, soft foam top over air cells provides patient comfort.
- Durable, waterproof, moisture vapour permeable cover made with Reliant IS² fabric which provides multidirectional stretch capabilities.
- Can be adjusted from 86 cm (34") to 122 cm (48") wide and from 202 cm (80") to 224 cm (88") in length to provide the appropriate sized surface.



86 cm (34")



104 cm (41")



122 cm (48")




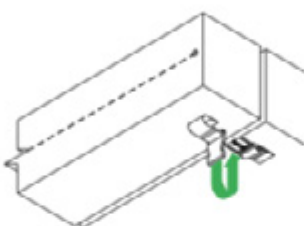
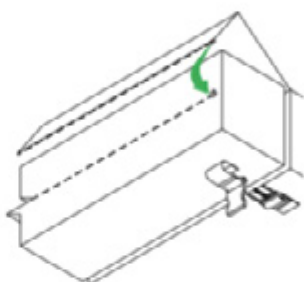
Variable width & length

AtmosAir Plus incorporates side and foot bolsters providing flexibility to accommodate different size patients.

AtmosAir Fit and AtmosAir Plus



Install mattress replacement system

 <p>Make sure frame and side rails are properly sized relative to mattress to minimize gaps that might entrap a patient's head or body.</p>	<p>1</p> <p>Level bed and apply brakes.</p>	<p>2</p> <p>Remove existing mattress.</p>	<p>3</p> <p>Position mattress on bed frame with logo facing up and product information tags at foot end of bed.</p>
<p>4</p> <p>Extended bariatric bed:</p> <p>Place the bolster in the gap between the side rails and the mattress:</p> <ul style="list-style-type: none"> • zips to the outside • marked foot end at foot end of the bed. 	<p>5</p> <p>Extended bariatric bed:</p>  <p>Connect the four female buckles on the underside of the left and right side bolsters to the four male buckles on the underside of the mattress.</p>	<p>6</p> <p>Extended bariatric bed:</p>  <p>Zip the mattress to the mattress inserts.</p>	<p>7</p> <p>If bolsters are not used, tuck bolster sleeves under mattress.</p>

Place patient

<p>1</p> <p>Transfer patient following all applicable safety rules and institution protocols.</p>	<p>2</p> <p>Center patient side-to-side and head-to-foot on mattress surface.</p>	<p>3</p> <p>Make sure all sections of the mattress fully support the patient.</p> <p>Note: Mattress handles are for mattress transport only.</p>
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CPR

<p>1</p> <p>Level bed.</p> <p>Lower or remove side rails as necessary.</p>	<p>2</p> <p>Begin CPR as per facility protocol.</p> <p>Consider use of backboard if indicated.</p>	<p>3</p> <p>After CPR is performed:</p> <ul style="list-style-type: none"> • Remove backboard if used. • Raise or install side rail as necessary. • Reconfigure bed and accessories as in initial placement.
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Auralis 200

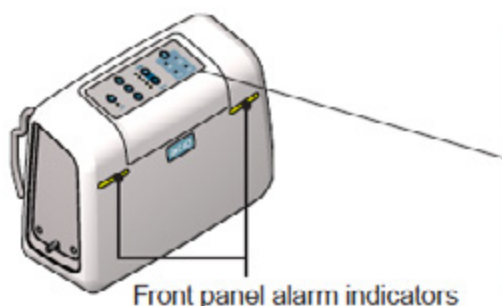
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- Powered mattress replacement system
- Active (Alternating) and Reactive (Constant Low Pressure (CLP) modes
- Automatic pressure adjustment using Self Set Technology (SST)
- Cell in Cell (CIC) technology provides a firm edge for patient transfer
- Heelguard® cells which help to redistribute pressure at the vulnerable heel area
- AutoFirm function provides a temporary stable support surface to assist patient transfer and other nursing procedures
- Transport mode supports patient for up to 12 hours
- Integral battery allows the pump to deliver active therapy for a minimum of 3 hours without a mains power supply
- Cable management avoids trailing cables
- Audible and visual alarm system
- Patient weight limit 250kg (39 stone)



Auralis



Front panel alarm indicators



Run/Standby button

Run mode - press the button once. The indicator changes from flashing to constant.

Standby mode - press the button for two seconds. The indicator changes from constant to flashing.



Wait indicator

Shown when the mattress or seat cushion is being inflated. Remains on 15 minutes until the mattress or seat cushion is fully inflated.



Autofirm mode button

Press and hold 2 seconds for Autofirm mode. Mattress inflates to a temporary firm surface. Autofirm mode lasts for 15 minutes but may be increased in 5 minute steps to a maximum of 30 minutes. Indicator turned on when active.

Not for seat cushion.



Alternating mode button

Press for Alternating mode (default). The Alternating mode inflates or deflates different cells to create a fluctuating surface. Indicator turned on when active.



Reactive CLP (Constant Low Pressure) mode button

Press for Reactive CLP mode. Maintains constant lower pressure in all the cells. Indicator turned on when active.

Not for seat cushion.



Comfort control buttons

Press to adjust the pressure in the support surface to set the comfort level. The indicators show the comfort setting.



Mute alarm button

Press to silence the audible alarm for 15 minutes, the indicator is turned on.

The alarm is cancelled when the alarm condition has been corrected.



Low battery indicator

Indicator yellow and audible alarm - 1 hour battery life left. The alarm can be muted.

When less than 15 minutes battery life left, the pump enters the Reactive CLP mode. The audible alarm can no longer be muted.



Battery charge indicators

Blue indicators show the charge level of the battery. Flashing indicator - battery is charging.



Service indicator

- Service indicator yellow, front panel alarm indicators green - the pump is ready for service. Information only, not an alarm.
- Service indicator yellow, front panel alarm indicators yellow, audible alarm - the pump has an internal fault or error. The alarm can be muted.



Mains power failure indicator

Mains power failure has been detected. Information only, the pump continues to operate normally by using the battery. There is no audible alarm.



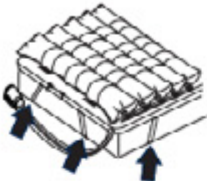



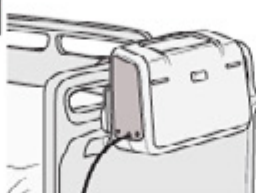


Low pressure indicator

- The indicator is shown, there is a single warning tone - the pump detects low pressure within mattress or seat cushion.
- The indicator is shown, there is an audible alarm - mattress or seat cushion disconnected while in use. The alarm can be muted.
- The indicator is shown, there is a single warning tone - the pump detects that a mattress is not connected at start up.


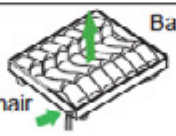

Auralis



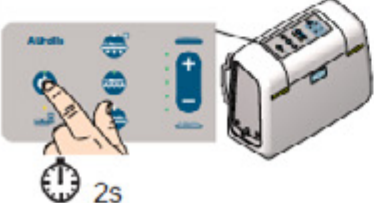

Assemble mattress overlay or mattress replacement and pump

<p>1</p>  <p>Mattress overlay: Place on top of base mattress. Secure with 4 fixing straps.</p>	<ul style="list-style-type: none"> • tubeset at foot end • CPR at head end • cells facing up 	 <p>Mattress replacement: Place on bed base. Attach the 8 securing straps to moving parts of bed frame.</p>	<p>2</p>  <p>Zip the protective cover over the mattress. Arjo logo visible at the foot end.</p>
<p>3</p>  <p>CPR unit is clicked into closed position.</p>	<p>4</p>  <p>Hang the pump at the foot end of the bed.</p>	<p>5</p>  <p>Connect the tubeset.</p>	<p>6</p>  <p>Place cable in the cable management. Close the flap around the cable with the press studs. Connect power cable to power source.</p>



Assemble seat cushion and pump

<p>1</p>  <p>Seat cushion: Place on chair surface. Use the fixing straps to attach.</p>	 <p>Back of chair Front of chair</p> <ul style="list-style-type: none"> • cells facing up • tubeset at front right corner • cells horizontal across chair, V-shape towards front 	<p>2</p>  <p>Place pump on floor, cable under chair, tubeset placed alongside chair. Connect the tubeset. Connect power cable to power source.</p>
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Start the Auralis system


<p>1</p>  <p>When the pump is connected to a power source it runs a self check: Beep - 10 seconds - 2 beeps - ready to use.</p>	<p>Press and hold Run/Standby button. The following indicators are shown:</p> <ul style="list-style-type: none"> • Run/Standby • Wait indicator • Alternating mode button • Comfort control indicator • Battery charge indicator • Green indicators on the front of the pump 	<p>2</p>  <p>15 min</p> <p>Once the Wait indicator turns off, place bed sheet on mattress. Make sure that the CPR rapid deflation unit is clearly visible. Place patient on the mattress or seat cushion. Alternating mode is set by default.</p>
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CPR rapid deflation unit

1  

Activate: Press both CPR release buttons simultaneously.

Make sure the front part is open.
The air evacuates in 15 seconds.


2 

Reset: Press down the open part until it clicks into closed position.


Autofirm mode

1 


Activate: Press and hold the button.
Comfort indicators flash and mattress inflates to Autofirm.

2 

Pressure reached –
Autofirm and Control comfort indicators turn to constant.


3 

Deactivate: Press and hold the button or select another mode.




Extend:
Press button to extend 5 minutes. Max. 30 min.
If not extended, pump goes back to previous mode.

Alternating mode, default setting


1 

Activate:
Press button, the Alternating mode indicator is shown.
Adjacent cells inflate and deflate on a 10 minute cycle.


2 

Deactivate:
Select Reactive CLP or Autofirm mode.
If no further therapy is required, remove patient from the surface and turn off the pump.

Reactive CLP mode


1 

Activate:
Press and hold the button.
Reactive CLP mode indicator is shown.


2 

Deactivate:
Select Alternating mode or Autofirm mode.
If no further therapy is required, remove patient from the surface and turn off the pump.

Transport mode (mattresses only)

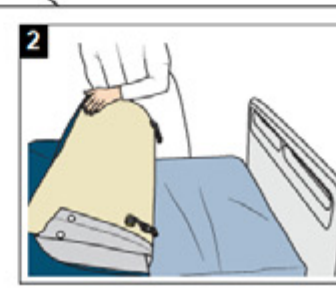
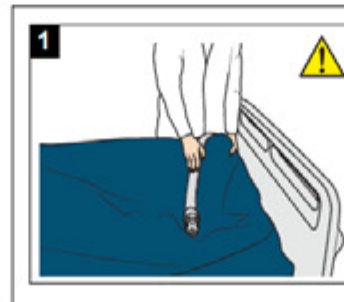
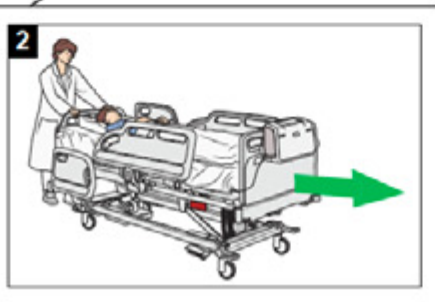
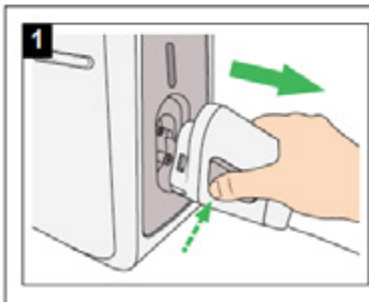
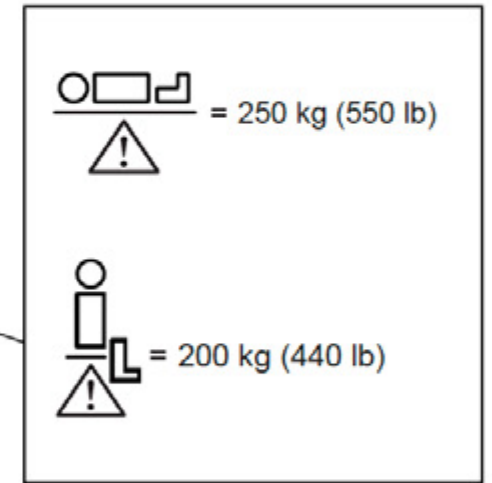
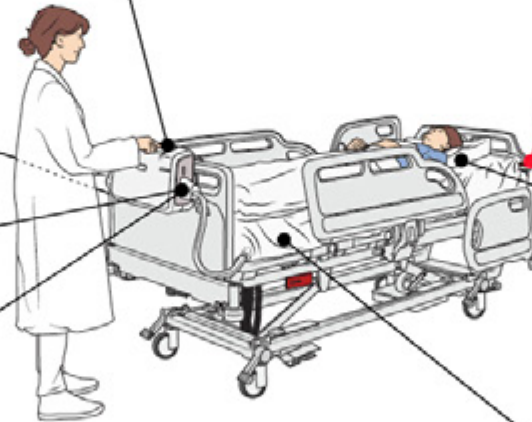
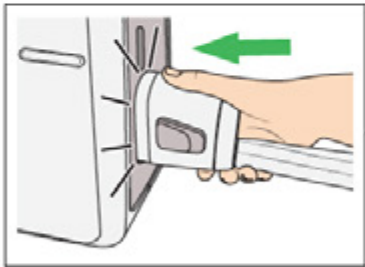
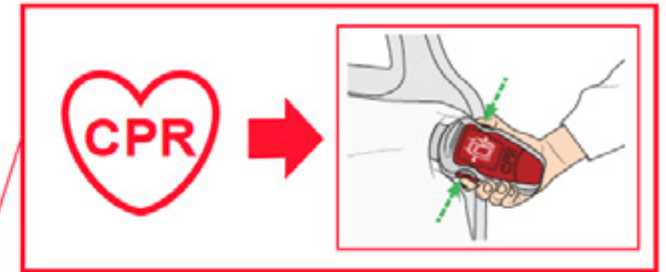
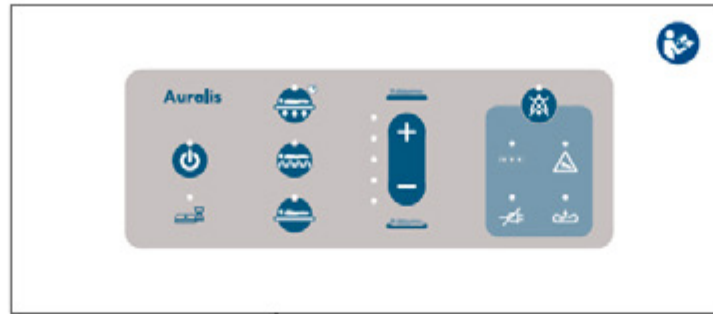
1 

Activate:
Press side buttons simultaneously and remove tubeset.
The mattress supports the patient for up to 12 hours.

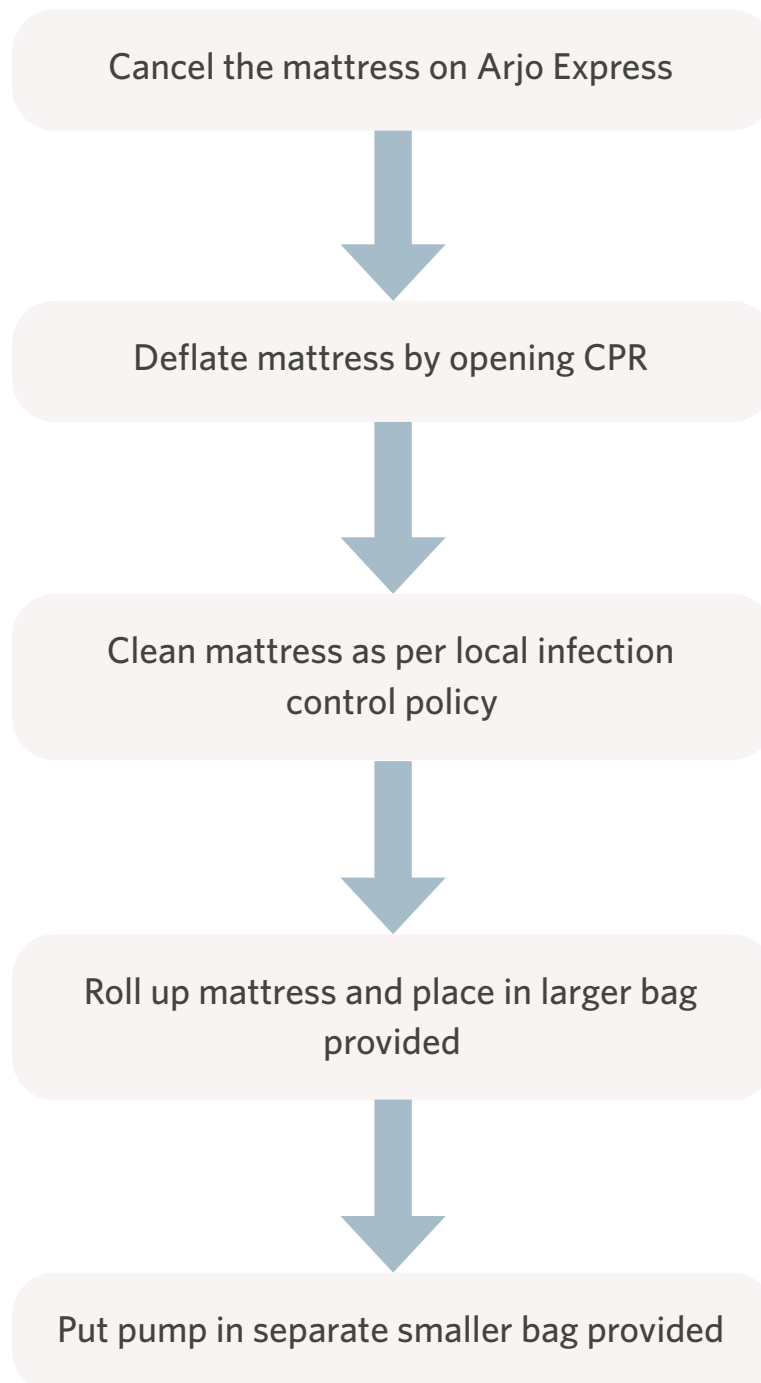
2 

Deactivate:
Reconnect the tubeset. The pump goes back to the previous mode

Auralis



When the Auralis is no longer required



Sapphire Comfort Turn

The following Product Specification is intended to assist the user in understanding the basic functions of the product. This information does not replace the safety warnings, cautions and other important information provided in the Instructions for Use (IFU) supplied with the equipment; copies of the IFU are available electronically on request from Arjo. Refer to the product instructions for use before using the product.



The Sapphire Comfort Turn® mattress replacement system is a therapeutic mattress that provides either active or reactive pressure redistribution and low air loss therapy.

When mobility, moisture and/or inactivity are healthcare concerns, it is indicated for the prevention and treatment of pressure ulcers and other skin related injuries.

Features include:

- Static Mode with adjustable comfort level setting
- Soft - decreases airflow for a softer setting
- Fowler mode which is used when head section of the bed is elevated and increases airflow to the mattress for seat inflation
- Pulsate mode with cycle time options (3-20 minutes) and adjustable comfort level setting
- Turning mode options of Right Turn, Left Turn or Full Turn - approximately 40° rotation
- In full turn mode the control unit has a preset of 3-minute intervals, these may be adjusted from 3 to 20 minutes, 30, 45, 60, 75 or 90 minutes
- Autofirm - quickly inflates mattress to maximum firmness
- Lockout - locks all functions automatically after 3 mins. To disable, press and hold lockout button for 3 seconds
- Quick Deflation or CPR Use
- Low Pressure - light will indicate when pressure is getting too low
- Power Failure - light will indicate when power is no longer being provided to unit
- Alarm Silence - mutes the audible alarm. (Visual light will not turn off until failure is resolved)
- Weight capacity in static/pulse mode up to 453kg
- Weight capacity in turning mode up to 204kg



DISTRIBUTED BY

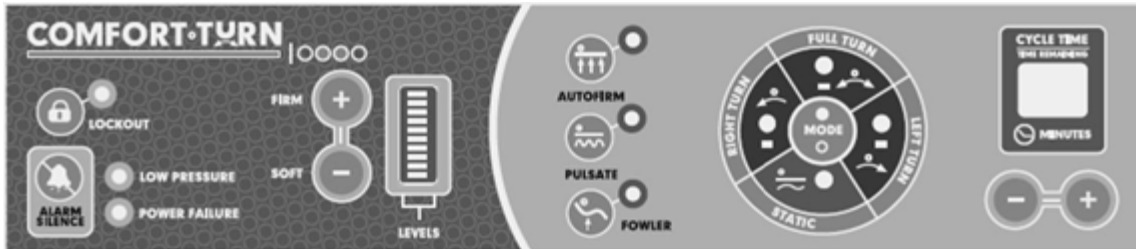
arjo

MANUFACTURED BY


Sizewise

Sapphire Comfort Turn

This Quick Reference Guide (QRG) is intended to assist the user in understanding the basic functions of this product. The QRG does not replace the safety warnings, cautions and other important information provided in the Instructions for Use (IFU) supplied with the equipment; copies of the IFU are available on request from Arjo. Refer to the product instructions for use before using this product.



Lockout
Locks all functions automatically after 3 mins. To disable, press and hold lockout button for 3 sec.



Alarm Silence
Mutes the audible alarm. (Visual light will not turn off until failure is resolved.)



Firm
Increases airflow for a firmer setting.



Soft
Decreases airflow for a softer setting.



Autofirm
Quickly inflates mattress to maximum firmness.



Fowler
Used when head section of bed is elevated. Increases airflow to the mattress.



Cycle Time
Increases or decreases the time of cycle between 3 to 90 minutes.



Mode
Press the Mode button to select Right Turn, Left Turn or Full Turn.



Low Pressure
Light will indicate when pressure is getting too low.



Pulsate
Press to begin Pulsation therapy



Power Failure
Light will indicate when power is no longer being provided to unit.

This chart is to be used as a reference ONLY. Final patient settings must be completed by the patient's caregiver.

PEARLS™ Innovative Care

The following Product Specification is intended to assist the user in understanding the basic functions of the product. This information does not replace the safety warnings, cautions and other important information provided in the Instructions for Use (IFU) supplied with the equipment; copies of the IFU are available electronically on request from Arjo. Refer to the product instructions for use before using the product.



PEARLS™ Innovative Care is an Air-Fluidised Care (AFC) system designed to provide:

- Uniform fluidisation
- Accurate temperature control
- Active humidity control
- Adjustable fluidisation pressure
- Adjustable air flow for mobilisation during recovery
- Comfort air flow increase for repositioning of the patient
- Floor adjustment system for evenly distributed fluidisation
- Detachable control system with touch screen panel for easy and intuitive operation
- One-sided, easy to access control unit with 2 CPR-buttons
- Height adjustable frame 91 - 122cm
- Bed frame clearance 18.3cm with 16cm castors
- Upper bead section creates space for the patient without their elbows resting on the edge
- Integrated decontamination (optional)
- Patient weight 15 - 150kg
- Maximum patient height 210cm
- Approved for IEC60601

Patient related innovations:

- Improved fluidisation at lower airflow
- Smart shape of the tub allowing bigger patients to fit in
- Active moisture control for clean environment
- Protected against an over temperature of 40°C (104°F) and higher: audible and visible alarm, deactivation of all functions
- Manually controlled backrest 10° - 55°

Staff related innovations:

- Soft rubber rim for easy exchange of filter sheet
- "CARE" mode in foot switch, increasing the airflow for easy handling of the patient
- LED under bed night illumination
- Audible and visible alarm of >3°C (>5.4°F) deviation of set temperature
- Auto re-start of therapy after power break

Management related innovations:

- Maintenance interval indicated by software
- Automated test cycle at installation
- Basin outlet for easy emptying of glass beads
- Data logging system for process control

INSTRUCTIONS FOR USE

CLINICAL INDICATIONS

Typical indications for this device:

- Burns;
- Pressure sores;
- Multiple trauma;
- Other types of (exuding) skin disorders.

Contraindications:

- Unstable spinal fractures;
- Pulmonary congestion;
- Non-ventilated prone positioning;
- Patients >150kg body weight.

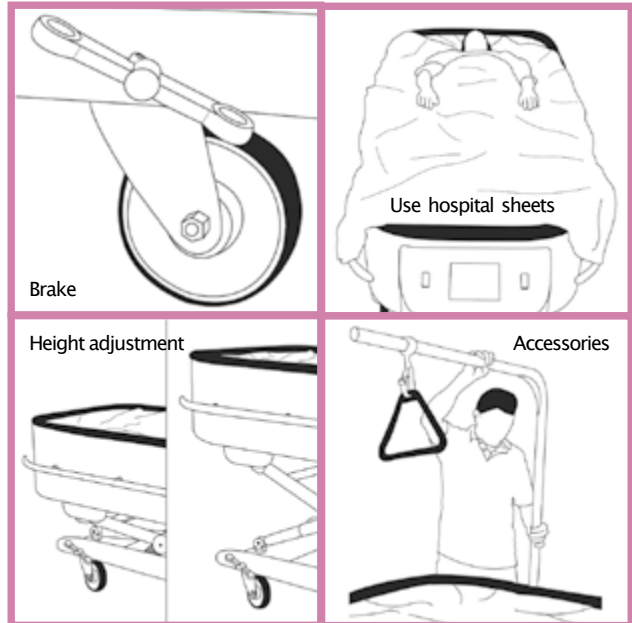
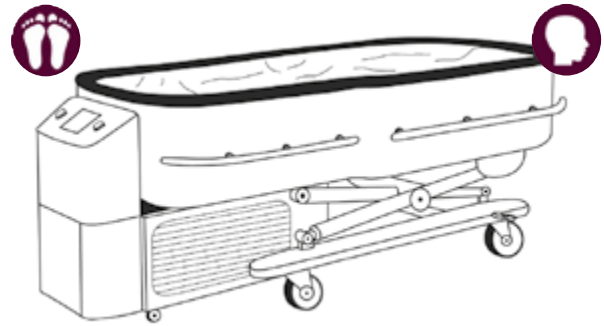
POSITIONING THE PATIENT

- The device must be at the set temperature (between 30°–38°C) before positioning the patient.
- Switch off the airflow by using the foot pedal or OFF button before moving the patient on the device.
- A clean hospital sheet must be placed onto the filter sheet before positioning the patient.
- Use the height adjustment feature to move and treat the patient in the best way.
- Always cover the patient with a hospital sheet once placed on the device.
- The hospital sheets must be changed daily;
- **Never remove the rubber rim nor open the filter sheet while the patient is on the device.**
- **Never pull the filter sheet to turn or reposition the patient, but use the hospital sheet for that purpose.**

ACCESSORIES

Available accessories for the device:

- Traction pole;
- Traction support frame;
- Remote-controlled backrest;
- Foot support.



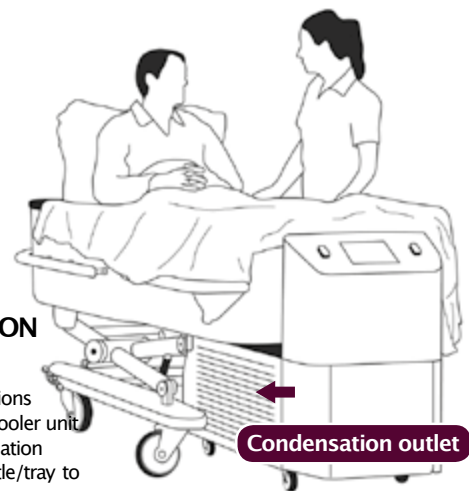
FRM423-213 Quick Reference Guide



*See PEARLS™ AFCS User Manual FRM423-206

CONDENSATION

At extreme warm/humid room conditions (>30°C/55%), the cooler unit will release condensation moisture; use a bottle/tray to collect the moisture.



BEFORE USING THIS DEVICE

Assess the various risks, including but not limited to the following (incomplete) list:

- Make sure the patient is not dehydrated by the continuous ventilation of the device.
- A rehabilitation plan should be considered for patients waking up after unconscious/vegetative state.
- Beware of glass beads making the floor slippery.
- Stand clear when lowering the system.
- Oil-based ointments, creams and lotions leaked through the sheet will degrade the glass beads, rendering the system useless.
- Do not allow sharp objects to come into contact with the filter sheet.
- All installation, transport, service, maintenance and troubleshooting is to be executed by skilled and authorised persons only.

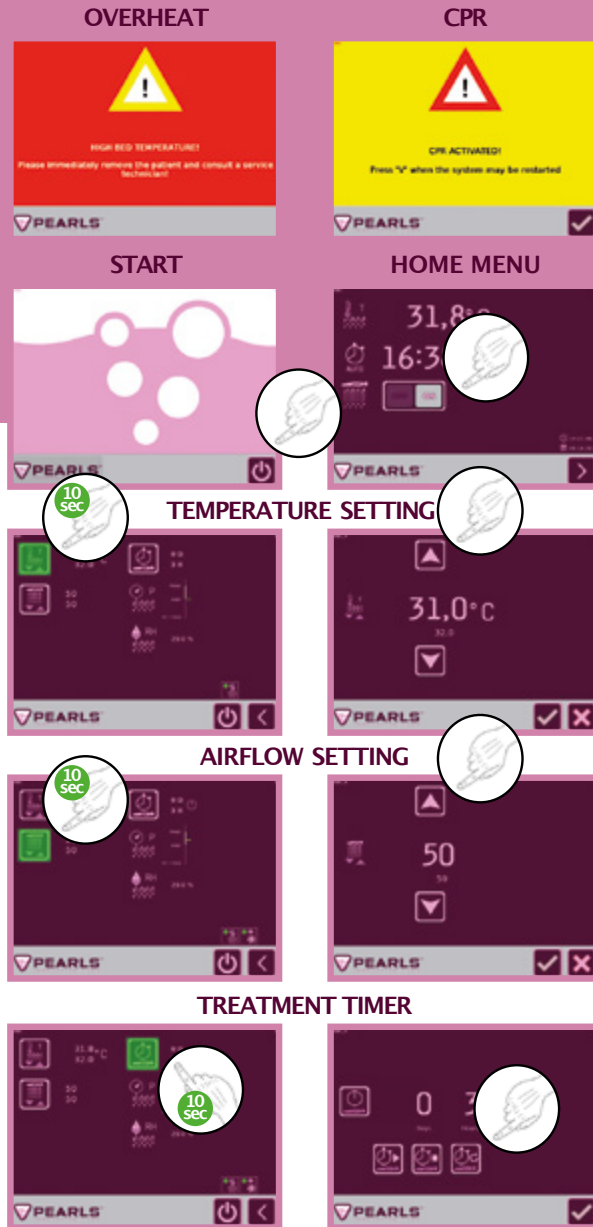
EMERGENCY SITUATIONS

High bed temperature:

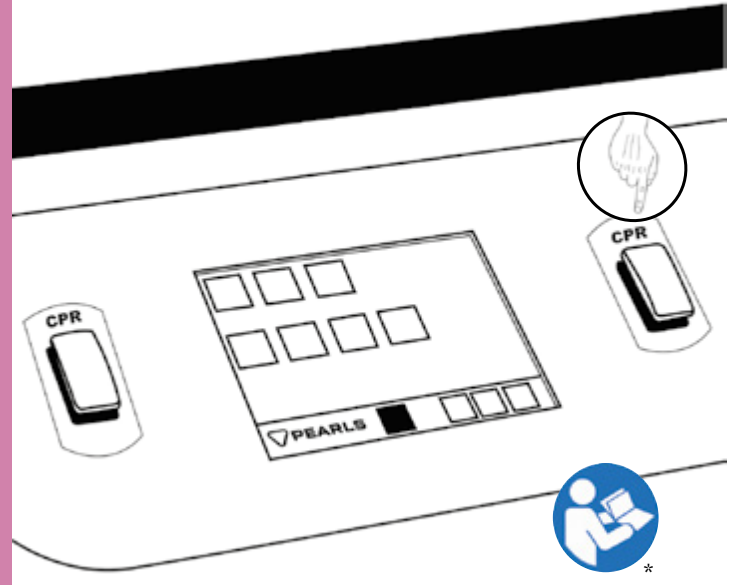
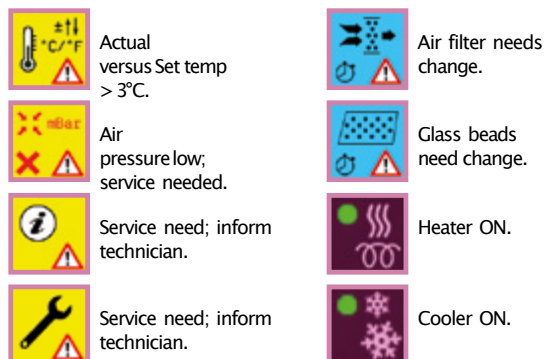
If the device reaches a temperature of 40°C, it will automatically switch off. Follow the instructions on the screen carefully.

CPR:

In case of emergency, press one of the CPR buttons; the airflow will be stopped. Follow the instructions on the screen carefully.



WARNINGS



START UP:

- ON/OFF: after plugging in power supply, wait until the booting procedure has been completed. Start by pressing
- HOME menu: the actual temperature is displayed and a countdown from 30 minutes is activated (airflow will automatically start after this timer period).
- Use the ON button to start the airflow manually or use the foot pedal.
- **To reposition the patient, use the COMFORT pedal; the airflow will be increased to MAX, making the bed softer for a period of time.**

CHANGING SETTINGS:

- Temperature/airflow can be changed in the MORE menu by
- Keep the button pressed (it will turn green) until the menu for adjustment pops up.
- Change the setpoint and confirm by
- Patient treatment timer can be activated, stopped and reset in the MORE menu.

WARNINGS:

- Warning icons will pop up to inform the caregiver about important matters. In most cases, an acoustic alarm will sound which can be muted for 30 minutes by

DECONTAMINATION:

After each patient, the device must be cleaned by following a strict protocol. Only authorised staff is allowed to execute this protocol.

*See PEARLS™ AFCS User Manual FRM423-206



Synergie Nederland BV-Sterrekroos 6, 4941VZ Raamsdonksveer-The Netherlands
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Citadel Plus

Bariatric Care System

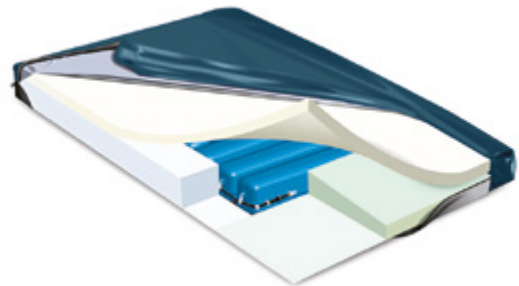
The following Product Specification is intended to assist the user in understanding the basic functions of the product. This information does not replace the safety warnings, cautions and other important information provided in the Instructions for Use (IFU) supplied with the equipment; copies of the IFU are available electronically on request from Arjo. Refer to the product instructions for use before using the product.

Safe and dignified care for plus size patients.

Citadel™ Plus Bariatric Care System provides a safe, dignified environment for plus size patients and their caregivers. As healthcare facilities treat a rising number of plus size patients, the need for specialist products and care processes has become increasingly necessary. Citadel Plus is a purpose built bariatric bed, designed to deliver value, and safe dignified care for plus size patients and their caregivers.

The **AtmosAir™ Plus** works together with the Citadel Plus Bariatric Care System to help treat and prevent pressure ulcers and facilitate safe patient handling, while maintaining dignity for plus-size patients.

The pressure redistribution surface uses Self Adjusting Technology™ (SAT) to automatically adjust cushion pressures in response to patient movement.



Citadel Plus Medical Bed Frame

- Optional Accessory Power Outlet
- Mattress width 86.4-121.9cm
- 3 step in-bed length up to 224cm
- Low height of 36cm centre of seat deck section to floor with 150mm castors
- Integrated weigh scales
- Varizone™ Patient Detection Movement System
- Digital Angle Indicator
- Anti-Entrapment System (AES)
- Automatic pause at 30° head elevation
- One button Cardiac Chair positioning
- 522kg Safe Working Load
- 454kg Maximum Patient Weight
- Optional Power Drive system available
- IEC60601-2-52 compliant



AtmosAir Plus

- Maximum Patient Weight 454kg
- AtmosAir Plus is a non powered therapeutic mattress replacement system
- Five horizontal and four vertical air cells are orientated to provide extra support and comfort in mid to lower back and buttock area
- Sloped heel section with visco-elastic foam helps transfer weight off the vulnerable heel area.
- Smooth, soft foam top over air cells provides patient comfort
- Can be adjusted from 34 in (86 cm) to 48 in (122cm) in width and from 80in (202cm) to 88in (224cm) in length to provide the appropriately sized surface

Citadel Plus

Bariatric Care System

The following Product Specification is intended to assist the user in understanding the basic functions of the product. This information does not replace the safety warnings, cautions and other important information provided in the Instructions for Use (IFU) supplied with the equipment; copies of the IFU are available electronically on request from Arjo. Refer to the product instructions for use before using the product.



Safe and dignified care for plus size patients.

Citadel™ Plus medical bed frame is designed to meet the needs of the plus size patients found in the acute care setting.

Citadel Plus offers a medical bed frame with a choice of pressure redistribution mattresses and microclimate management.



Citadel Plus Medical Bed Frame



Sapphire Comfort Turn Mattress

- Optional Accessory Power Outlet
- Mattress width 86.4-121.9cm
- 3 step in-bed length up to 224cm
- Low height of 36cm centre of seat deck section to floor with 150mm castors
- Integrated weigh scales
- Varizone™ Patient Detection Movement System
- Digital Angle Indicator
- Anti-Entrapment System (AES)
- Automatic pause at 30° head elevation
- One button Cardiac Chair positioning
- 522kg Safe Working Load
- 454kg Maximum Patient Weight
- Optional Power Drive system available
- IEC60601-2-52 compliant

- Maximum User Weight 453kg
- 20 interchangeable air cells
- Variable Rotation Cycle 3-90 minutes
- Static Low Air Loss mode
- Pulsating Low Air Loss mode
- Full Body Lateral Rotation
- Fowler feature for seat inflation when head is elevated
- Ability to lock out pump controls
- Static mode aids patient transfers
- Turn and hold feature aids transfers

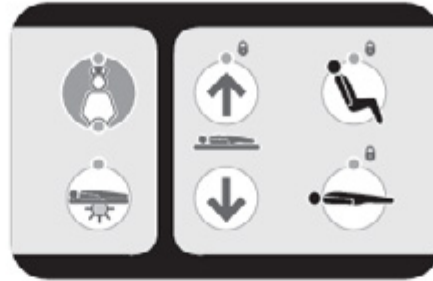
Citadel Plus



Attendant Control Panel



Nurse Control Panel



Patient Handset



Patient Control Panel



● Power On Indicator



● Battery Status LED Indicator



● Battery fully charged



● Battery charging



● Battery discharged



Anti-Entrapment System (AES) Indicator - When illuminated, AES system has been activated and obstruction needs to be removed before the frame will lower.



Mattress Platform Height - Raise or lower the mattress platform.



Backrest Angle - Raise or lower the backrest.



Thigh Section - Raise or lower the thigh section.



Calf Section - Raise or lower the calf section.



Lower head end
(Trendelenburg position)



Lower foot end
(Reverse Trendelenburg position)



CPR Position - Flattens the mattress platform and lowers the bed height



Function Lockout - Press the button, then press selected Attendant Control Panel button(s) to lock or unlock function. Yellow light = locked.



Auto-Chair

(nurse control panel only) - Press and hold for chair position.



Auto-Chair Down

(nurse control panel only) - Press and hold to return to flat level position.



Under Bed Light

(nurse control panel only)



Nurse Call

(available on selected models) - Press to request assistance.



Reading lamp

(available on selected models)- Press to turn on light.



Reading lamp on/off

(available on selected models)



Sound on/off (mute)

(available on selected models)



Volume down

(available on selected models)



Volume up

(available on selected models)



Channel down

(available on selected models)



Channel up

(available on selected models)



Television on/off

(available on selected models)



Closed caption on/off

(available on selected models)

Weigh Scale Control Panel



Zero - Press to reset weighing system when bed is first set up and before a new patient is placed on the bed.



Auto Compensation - Press when adding or removing items from the bed without affecting the indicated patient weight



Weigh - Press to display weight.

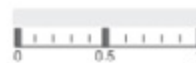


Select Units - Press to select weighing unit.



VariZone Mute Button - Press to mute exit alarm for three minutes.

Patient movement detection threshold - An indicator shows the selected sensitivity of patient movement.

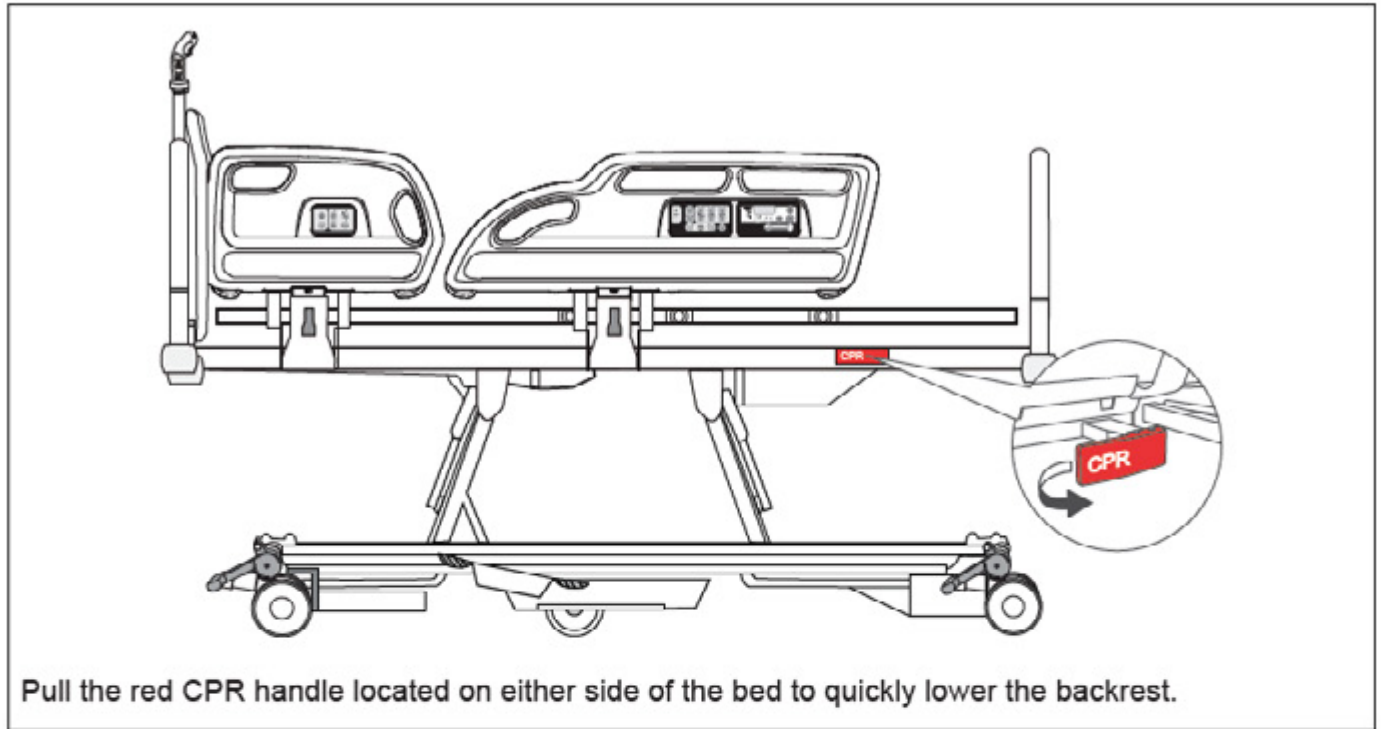


In Bed - Press to reactivate or activate patient movement detection and increase sensitivity.

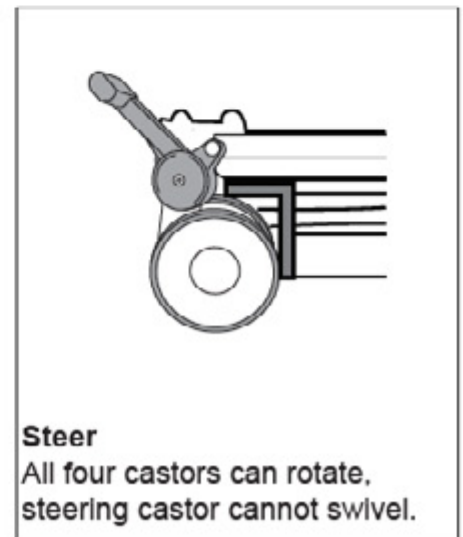
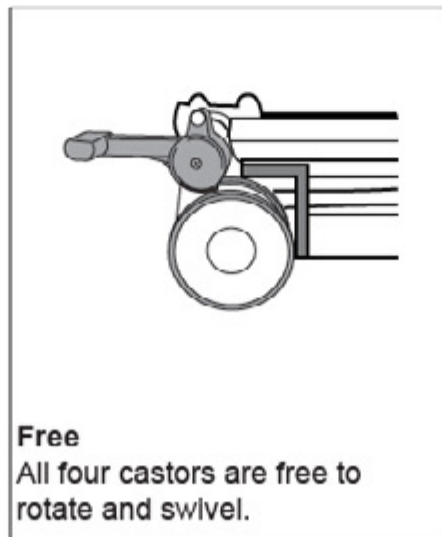
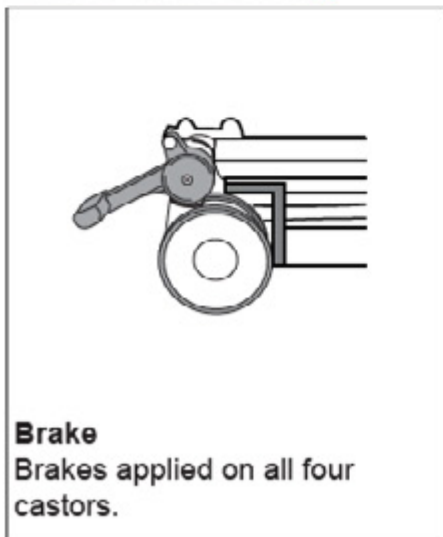


Egress - Press to reactivate or activate patient movement detection and decrease sensitivity.

CPR backrest release



Brakes and steering

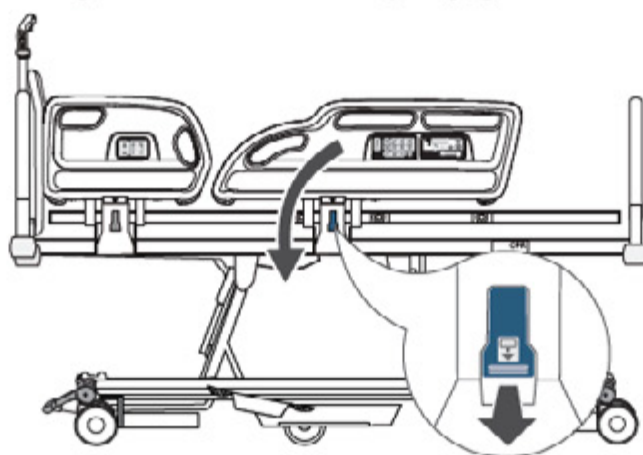


The brakes should be applied at all times when the bed is stationary.

Side rails



Make sure the locking mechanism is securely engaged when the side rails are raised.

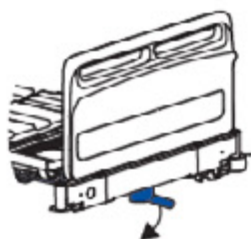


Pull the blue release lever to lower the side rail.

To raise side rail, hold side rail handle and pull it up and away from the bed until it locks in raised position.

Bed length adjustment (three set positions)

1



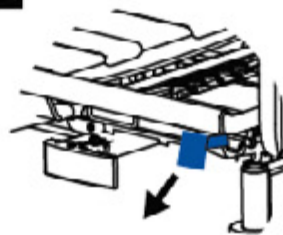
Pull the blue extension locking handle.

2



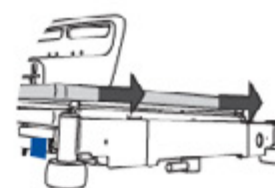
Pull out the bed frame to required position and release handle.

3



Pull the blue extension handle.

4



Pull out the deck to required position.

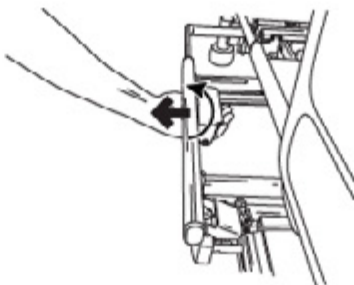
Bed width adjustment

1



Locate extension latches located behind extension symbol (four per side).

2



Squeeze extension latch to unlock and pull section until fully extended.

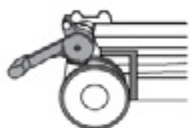
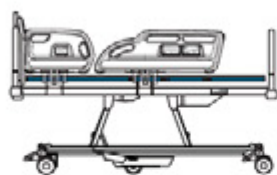




3


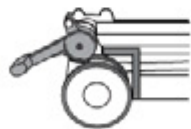
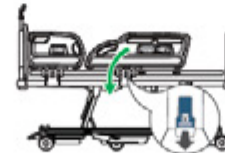
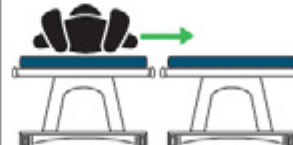
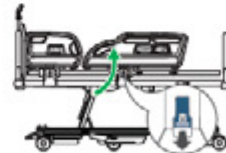


Make sure to repeat for all extension latches.

Citadel Plus



Patient placement – preparation

<p>1</p>  <p>Apply caster brakes.</p>	<p>2</p>  <p>Level patient surface.</p>	<p>3</p>  <p>Adjust bed to a comfortable working height.</p>	<p>4</p>  <p>Extend the frame and mattress platform, if required.</p>	<p>5</p>  <p>Add pillows, blankets and other equipment.</p>	<p>6</p>  <p>Press Zero Button to reset weighing scale to zero.</p>
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<p>7</p>  <p>Adjust height of the patient surface to the same as the patient transfer surface.</p>	<p>8</p>  <p>Apply caster brakes on all units.</p>	<p>9</p>  <p>Lower side rails.</p>	<p>10</p>  <p>Transfer patient, following all applicable safety rules and institution protocols.</p>	<p>11</p>  <p>Raise and lock all side rails.</p>	<p>Weigh the patient</p> <p> Not for medicine dosage</p>  <p>Weigh the patient, if required.</p>
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Patient placement – completion

1



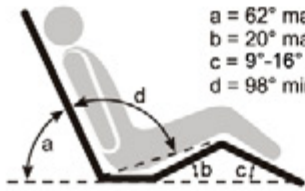
Press In Bed or Egress buttons to activate and set sensitivity of VariZone patient movement detection system.

2



Bring the bed to the lowest practical height for patient comfort.


3



$a = 62^\circ \text{ max.}$
 $b = 20^\circ \text{ max.}$
 $c = 9^\circ\text{-}16^\circ$
 $d = 98^\circ \text{ min.}$

Bring the bed to the desired angle for patient comfort.

4



Lock-out bed functions, if required.


Patient transfer from bed

1



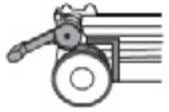
Level patient surface.

2



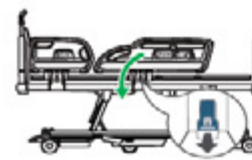
Adjust height of the patient surface to the same as the patient transfer surface.

3



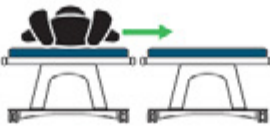
Apply caster brakes on all units.

4




Lower side rails.

5



Transfer patient following all applicable safety rules and institution protocols.

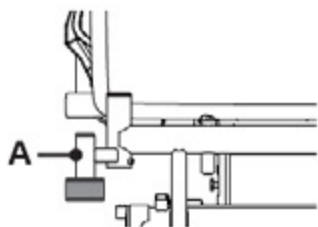
6



If the patient will not return:
- Unplug power cord and press battery power button.
- Disable battery power and power down all functions.

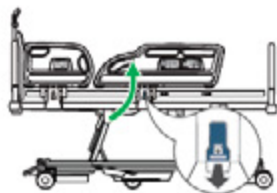
Patient transport

1



Place patient's IV therapy onto IV poles, if required.

2



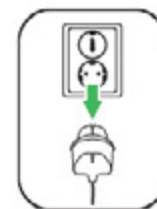
Raise and lock side rails.

3



Push in all width extensions before transport.

4



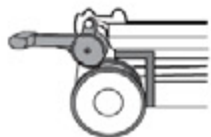
Unplug power cord from wall outlet.

5



Wrap cord on to brackets at the head end of the bed.

6



Release the brakes.

7



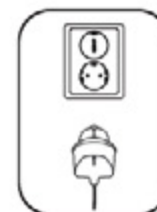
Use power drive to assist in transport.

8



Transport patient, following all applicable safety rules and institution protocols.

9



Plug power cord into wall outlet after patient transport.

Extendable Bariatric Bed

Mod. 120765SLB RD

The following Product Specification is intended to assist the user in understanding the basic functions of the product. This information does not replace the safety warnings, cautions and other important information provided in the Instructions for Use (IFU) supplied with the equipment; copies of the IFU are available electronically on request from Arjo. Refer to the product instructions for use before using the product.



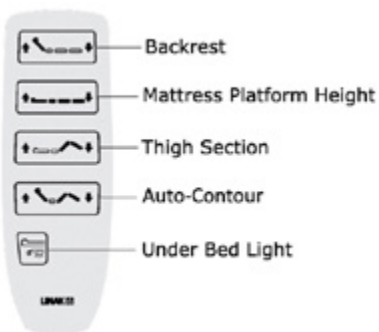
- Four section electric profiling bed frame
- Mattress platform expands up to 120cm
- Low height of 38cm
- Pro-Contour profiling with auto regression
- Improved battery life
- Underbed light
- Auto CPR
- Battery back up
- Optional weigh scales available
- Wide range of accessories available
- 500kg Safe Working Load
- 450kg Maximum Patient Weight
- IEC60601-2-52 compliant



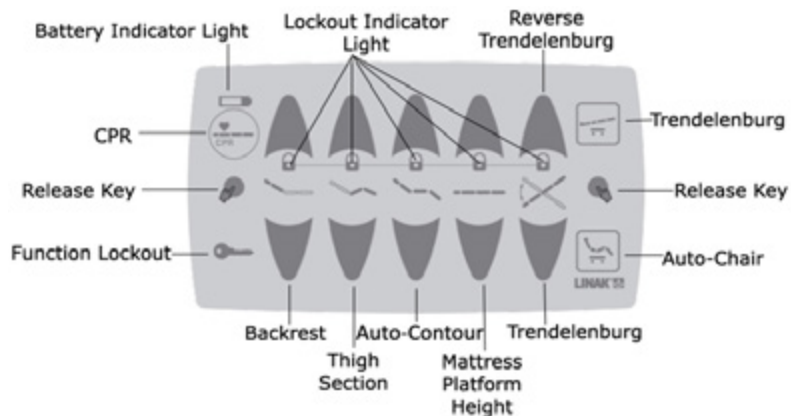
B65 Patient Handset



B65 Attendant Control Panel



B65i Patient Handset



B65i Attendant Control Panel

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MANUFACTURED BY



Legacy Complex Care

The following Product Specification is intended to assist the user in understanding the basic functions of the product. This information does not replace the safety warnings, cautions and other important information provided in the Instructions for Use (IFU) supplied with the equipment; copies of the IFU are available electronically on request from Arjo. Refer to the product instructions for use before using the product.



Double layer mattress system enables the patient to be supported at all times, and the unique design of the upper mattress also moves in conjunction with the side wings.



The Legacy is a complex care turning bed specifically designed for the treatment and rehabilitation of complex trauma patients, including spinal and spinal cord injury.

Features include:

- Upper and lower side wings (max. 90°) Individual/combined
- Side wing function colour coded rocker switches
- Patient upper body pressure relief flaps lower by 15°
- Manual levelling wheel-lateral turning function
- Catheter bag positioning each side
- IV Drip Pole with dual use receiver sockets left /right hand sides
- Electronic patient weighing system with four load sensors.
- Extendable side rails, securely stowed when not in use
- Reverse Trendelenburg/Trendelenburg safety foot pedal operation max. 17°
- Lateral turn - safety foot pedal - Left & right max. 30°
- Manual levelling wheel - Trendelenburg function
- Height adjustment range from the top of the mattress platform using the safety foot pedal is 59 - 95cm
- Emergency manual CPR lever
- Master keys allow full or restricted functionality
- On & off black switch and red emergency isolation switch
- Central braking system, three position
- Battery back-up with green illuminated LED warning
- Angle gauges - Lateral (x2), Trendelenburg (x2) & Back Rest (x2)
- Self-level buttons to bring the bed to a flat/horizontal state
- Removable handling bar for ease of moving the bed between wards
- Dual mattress pressure redistribution system
- Safe Working Load 175kg

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APEX
Care for a Healthy Life

Scan the QR code to view the demonstration video



**Position 1:**

Bed Horizontal with all side wings fully down.

**Position 2:**

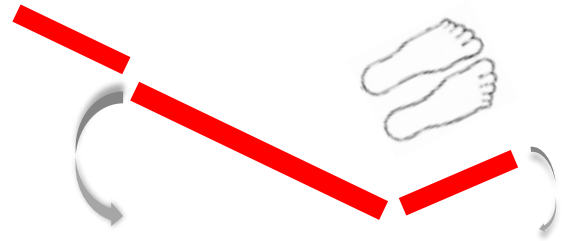
Upper and Lower Body Side Wings fully raised on either left or right hand side of the bed.

**Position 3:**

Tilt Bed fully to 30 degrees to the same side as the raised side wings.

**Position 4:**

Commence lowering of the raised Upper and Lower Body Side Wings simultaneously for a maximum of 7 seconds passing through approximately 40 degrees.

**Position 5:**

Whilst lowering the Upper and Lower Body Side Wings on the count of 7 seconds simultaneously tilt the bed back to the horizontal position. Total timing for steps 4 & 5 is $7+9 = 16$ secs.

**Position 6:**

At approx. 16 seconds the bed and side wings should now be horizontal.

- 1. Red Button** – Must be pulled up – if this is down nothing operates. Press down by Foot (On), Pull up By Hand (Off).
- 2. Black Button** – Green Light must be illuminated for bed to function. Press on, press off by foot operation. If the green LED is off & the Isolation red button is depressed (on) with mains supply also on the battery back up will still charge.
- 3. Self Levelling(CPR)** – 2 white buttons at both ends of the bed. Press and hold the lower button to return the bed to its flat and lowest height point. The upper button takes the bed to its flat and highest point.
- 4. Side Rails** – Must be stowed away when not in use. Release spring loaded catch to release the stowed siderail and rotate to lock into place. Extendable section “trombone piece” is released by spring loaded pin. Before stowing the side rail ensure the trombone if extended is returned inside the side rail housing.
- 5. Safety Keys** – Short restricted function key – prevents the use of the leg/knee break and back rest. The longer full function key permits all elements of the bed to function. – only use full function for patients with cleared spines. If neither key is present in the safety key slot the bed functions are isolated and the bed will not operate.
- 6. Rocker Switches** – (6 per side – Left & Right) Operating the Side wings, Back Rest & Knee break function. The red rocker switches only operate when the shorter “Restricted Function” key is inserted.
- 7. Foot Pedals** – 3 sets of pedals per side (Head up/down, Turn, Bed height) with a dual safety switch in each pedal. These are replicated on all four sides of the bed. The lateral turning pedals (middle pedals) laterally turn the bed up to a max 30° from the horizontal – operated from a supine patients perspective from any of the four pedal sets around the bed.
- 8. Back Rest** – This only operates when the side wings at the head end are flat.