

# Alpha Active 3

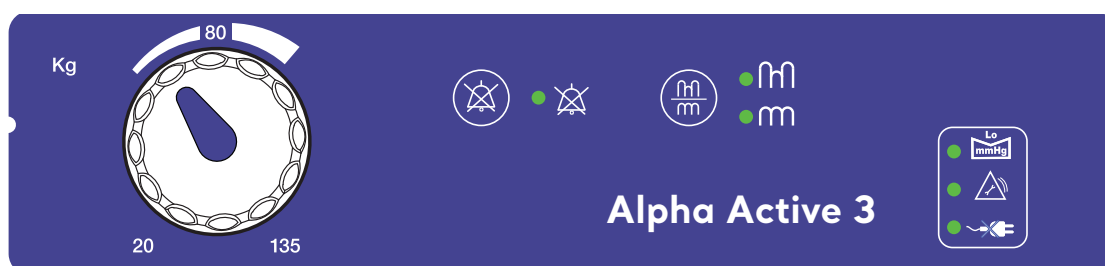
This Quick Reference Guide has been produced to assist Healthcare Professionals and other users with only the functional aspects of the system. The guide does not replace the general safety warnings, cautions and recommendations provided in the product instructions for use, part number 648934XX. Refer to the product instructions for use before using this product.

## Indications:

- The Alpha Active® 3 system is indicated for patients weighing up to 135kg (300 lb)
- *The Alpha Active 3 system is indicated for the prevention and/or management of all categories<sup>1</sup> of pressure ulcer, when combined with an individualised, comprehensive pressure ulcer protocol.*

**Contraindications:** Do not use the system for patients with unstable spinal fractures.

**Caution:** If patients have other unstable fractures, or conditions which may be complicated by a soft or moving surface, advice should be sought from an appropriate clinician before use.



**On/Off button** - pressing the **On/Off** button will activate the pump.

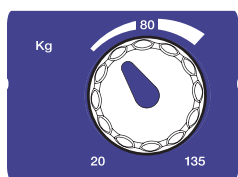


**Alarm Mute** - during an alarm condition the sound of the alarm can be muted by pressing the Alarm Mute button. The yellow indicator will then remain on but the alarm will be muted.



**Mode Selector** - the mode selector allows the mode of operation to be selected.

Two modes of operation are available, Alternating or Static (non-alternating). The indicator adjacent to the respective icon indicates the currently selected mode.



**Pressure Control** - the rotary action control is used to manually set the pressure inside the mattress overlay and therefore the amount of support the patient receives.



The **Low Pressure** indicator is illuminated whenever the pump detects low pressure within the mattress overlay. An audible alarm will sound unless cancelled by the mute button.

The indicator will extinguish once normal pressure is reached.



The **Service/pump fault** indicator will illuminate and remain on if the pump has detected an internal fault. A Service Engineer should be called.



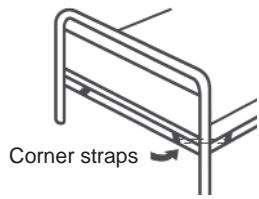
The **Power Fail** indicator will illuminate when a mains power failure has been detected. An audible alarm will sound until power is resumed or the pump is switched off using the on/off button.

1. NPUAP/EPUAP International Pressure Ulcer Guideline, 2014.

## Installation

### Mattress Overlay

Place the overlay on top of the base mattress, with the tubeset located near the foot end of the bed. The mattress cover must be uppermost.



**Caution:** Do not use the mattress overlay directly on the bed frame.

Secure the mattress overlay by securing the corner straps under each corner of the bed mattress.

### To Complete the Mattress Installation

Zip the protective cover over the mattress/overlay. Make sure the Arjo logo is uppermost and at the foot end of the mattress/overlay. Make sure the CPR unit is secured in its closed position.

### Installing the Pump

Position the pump, feet down, on any convenient horizontal surface or alternatively suspend from the bed foot rail by means of the integral hanging brackets.

Make sure the mattress tube-set is not "kinked" or twisted and connect it to the pump until it clicks into place. Make sure the tube-set is securely connected to the pump.

Insert the mains power plug into a suitable mains power socket.

### Quick Start:

Press the **On/Off** button on the side of the pump. Allow approximately 30 minutes for the mattress to inflate fully.

**Warning: Do not place the patient on the mattress until it is fully inflated.**

Place a sheet over the overlay and tuck in loosely.

Make sure the CPR unit is clearly visible at the head end of the bed.

### Support Setting Procedure

Lie or sit the patient on the mattress.

Set pressure dial on pump according to patient weight. This should serve as an approximate guide only. An independent clinical determination needs to confirm that the patient is properly supported.

Wait 10 minutes while the pump adjusts the pressures.

## SAFETY SIDES

**Regarding the use of safety sides, always refer to your local hospital policy AND the product instructions for use.**

### Changes in Patient Position:

When a patient is in the lying (supine) position, their body weight is dispersed over a large area. When in the sitting position, their body weight is concentrated within a much smaller area and therefore will require more support than in the lying position.

Therefore, when the patient changes position, it may be necessary, in order to maximise the benefit of the support surface, to make adjustments to the setting on the pressure dial.

**From Lying to Sitting** - Increase pressure control.

**From Sitting to Lying** - Decrease pressure control.

This adjustment should be in conjunction with independent clinical determination of appropriate support.

**Static** - Provides a stable, non-moving support surface for instances where a dynamic support surface is contra-indicated. In Static mode the support surface remains constant (all cells are equally inflated). Additional nursing assessment must be undertaken in order to direct an individualised repositioning programme.

When operating the system in Static mode it may be necessary, where possible, to reduce the pressure setting to increase patient comfort and safety.

### Transport Mode

The patient may be transported on the *Alpha Active* mattress overlay.

1. Disconnect the tube-set from the pump.
2. Place the attached cap over the end of the tubeset.

Once the cap is attached the mattress will automatically switch to transport mode.

The patient will remain supported by the mattress for up to 12 hours.

To resume "normal operation", reconnect the tubeset and run the pump.

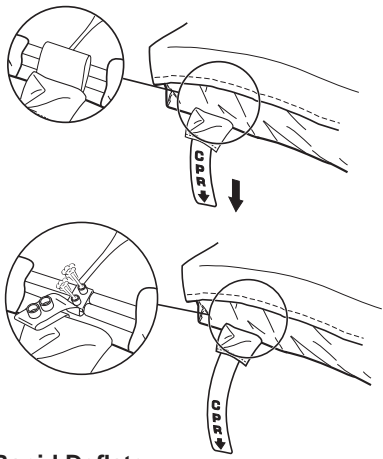
### Caution

**Transport mode is non-therapeutic offering support only for up to 12 hours. It is recommended that when in transport mode the patient is frequently monitored.**

### RAPID DEFLATE IN THE EVENT OF CARDIAC ARREST

In the event of a patient suffering cardiac arrest and CPR needing to be administered:

**To activate Rapid Deflate:**  
Located at the head end of the mattress overlay (on the same side as the tubeset) is a red strap labelled CPR. In the event of a cardiac arrest pull this from the mattress to deflate.



**To reset Rapid Deflate:**  
Replace the stopper securely and reconnect the air tubes to the pump.

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