

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 151996EN.

Refer to the product instructions for use before using this product.

Indications:

- The Nimbus 3 and Nimbus 3 Professional mattresses are designed for patients weighing up to 250 kg (550 lb).
- The Nimbus 3 and Nimbus 3 Professional systems are indicated for the prevention and/or management of all categories¹ of pressure ulcer, when combined with an individualised, comprehensive pressure ulcer protocol.

Contraindication: Do not use Nimbus 3 and Nimbus 3 Professional systems 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.

Note: For more information on putting the patient in the Prone position on the Nimbus 3 Professional mattress refer to the Instructions for Use document, section "Patient Positioning Guidance for the Nimbus 3 Professional Mattress".



Power Switch & Alarm Reset - Switches the mains power to the pump on and off.

When the pump detects an alarm condition, it can be cancelled by switching the pump off and then back on.



The **Wait** indicator is illuminated when the mattress is being inflated. The indicator will remain illuminated until the mattress has been fully inflated. This may take up to 15 minutes.



Alarms - During an alarm condition the triangular alarm symbol will flash, an audible alarm will sound and one of the following indicators will be illuminated: **Low Pressure**, **High Pressure**, **Pump Fault**, **Power** (Fail).



The **Low Pressure** indicator is illuminated whenever the pump detects low pressure within the mattress. An audible alarm will sound unless cancelled by the **Mute** button. The indicator will extinguish once normal pressure is reached. Make sure the CPR is closed, the tubeset is connected properly and the mattress is set to **Normal**.



The **High Pressure** indicator is illuminated whenever the pump detects high pressure within the mattress. An audible alarm will sound unless cancelled by the **Mute** button. The indicator will extinguish once normal pressure is reached. Make sure the tubeset is not kinked and the **Auto-Matt**[®] sensor pad is flat and not kinked.

Note: The **Auto-Matt** sensor consists of a flexible air sensor pad which is located underneath the mattress cells.



Pump Fault - Internal pump malfunction. Call Service Engineer.



The **Power** (Fail) alarm indicator will illuminate when a mains power failure has been detected. An audible alarm will sound. The alarm will continue until the mains power is resumed or the pump is switched off using the **Power** switch on the pump. If the power failure is prolonged, switch to **Transport** mode and disconnect the tubing.

Examples of the **Power** (Fail) alarm are mains lead removal and power failure.



The **Service** indicator will illuminate and remain on after a set number of running hours indicating the pump is ready for a service. The pump will continue to function normally while the **Service** indicator is illuminated.



During an alarm condition the audible alarm can be muted by pressing the **Mute** button. The indicator on the **Mute** button will illuminate to show the audible alarm has been silenced. After approximately 15 minutes the alarm mute will be cancelled, and the audible alarm will sound.



Press the **Static** button to select **Static** mode. An audible tone will sound when the button is pressed. The indicator on the **Static** button will only illuminate when the pump is in **Static** mode. Press the button again to return to **Dynamic** mode.

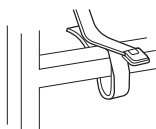


The mattress cell pressure can be manually adjusted for patient comfort using the rotary **Comfort Control** dial.

Installation

Nimbus 3 & Nimbus 3 Professional Mattress Replacement (MR)

Place the MR directly onto the bed base, with the tubeset and CPR located at the foot end of the bed.



Attach the MR to the bed frame using the hook and loop securing straps.
If the bed has divided sections for independent elevation of a patient's head and/or knees, attach the mattress to the movable parts of the bed frame only.

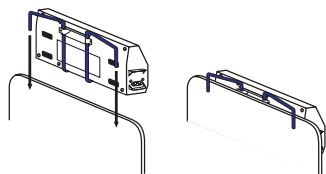
To complete mattress installation

Zip the protective cover over the mattress. Make sure that the ArjoHuntleigh logo is uppermost and at the foot end of the mattress.

Check that the transport control is set to **Normal** and the CPR control is closed and locked in position.

Make sure that the mains power cable and tubeset are positioned to avoid causing a trip or other hazard, and are clear of moving bed mechanisms or other possible entrapment areas. The CPR control must be visible and accessible at all times.

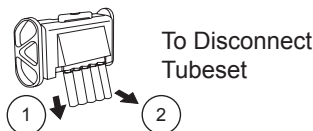
If the pump is to be hung from the end of the bed, attach the bed bracket to the bed frame. Alternatively the pump can be placed underneath the bed, either upright or lying on its back.



Make sure the tubeset is securely connected to the pump and the mattress.

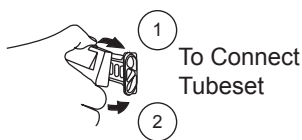


To Connect Tubeset

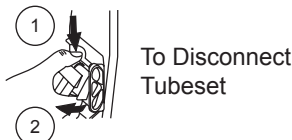


To Disconnect Tubeset

Some older Nimbus 3 Systems may have the old style tubeset. If this is the case DO NOT fit as above. Instead see below.



To Connect Tubeset



To Disconnect Tubeset

Connect the mains power cable to a suitable mains power outlet.

SAFETY SIDES

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

Quick Start

When the **Nimbus 3** pump is switched on using the **Power** switch, the pump will run a self diagnostic check for approximately 3 seconds during which all indicators will be illuminated.

The **Wait** and **Low Pressure** indicators will remain illuminated while the mattress inflates. Allow approximately 15 minutes for the mattress to inflate fully.

Warning: Do not place the patient on the mattress until it is fully inflated and normal operating pressure has been reached.

Once the mattress is fully inflated, the **Wait** and **Low Pressure** indicators will extinguish. Place a bed sheet over the mattress and tuck in loosely.

Once the patient is on the mattress, the pump will automatically sense and adjust the pressure in the cells to support the patient.



ArjoHuntleigh AB
Verkstadsvägen 5
241 38 Eslöv
SWEDEN

www.arjohuntleigh.com

Transport Mode

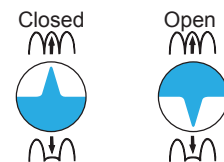
To transport a patient using the **Nimbus 3** mattress, turn the **Transport** control at the foot end of the mattress clockwise to **Transport**. Switch off the pump and disconnect the tubeset. In this mode the mattress will support the patient for up to 12 hours.

To resume operation, reconnect the pump, turn the transport control counterclockwise to **Normal** and switch on.



Vent Valve Control (Nimbus 3 Professional Only)

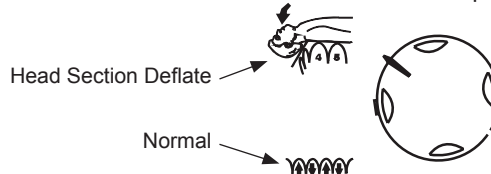
Each of the 16 cells in the leg and torso section of the mattress can be individually deflated using the Vent Valve Controls. To deflate a cell, turn the Vent Valve 180° clockwise, to point downwards.



Caution: Do not deflate adjacent cells or more than 3 cells at any one time.

Head Section Deflate (Nimbus 3 Professional Only)

To deflate the three cells at the head end of the bed, turn the Profile Control Valve to the Head Section Deflate position.



CPR Control IN THE EVENT OF CARDIAC ARREST

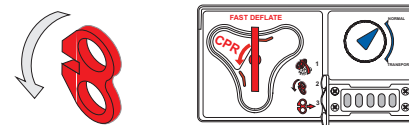
In the event of a patient suffering cardiac arrest and CPR needing to be administered:

To Activate the CPR

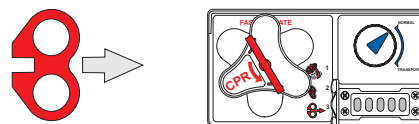
1. Lift the red handle on the control panel at foot end of the mattress.



2. Turn the handle counterclockwise.



3. Pull the handle away from the panel.



4. The grey triangular seal will rotate and the air will rapidly exhaust from the mattress.

To Reset the CPR

1. Turn the grey triangular seal clockwise and push onto the connectors.
2. Turn the red handle clockwise.
3. Fold the handle flat to lock in position.



151912EN_02: 10/2012

® and ™ are trademarks of ArjoHuntleigh

As our policy is one of continuous improvement, we reserve the right to modify designs without prior notice.