

+ The inflatable air mattress consists of a motor pump and a mattress overlay

- ◇ Function: By alternating the air flow in the various channels in the air mattress, the pressure of lying down for a prolonged time can be dispersed, thus reducing the chance of incurring bedsores.
- ◇ Due to the alternating decompression, so even though the air mattress can assist with decompression, it is recommended that even with the use of air mattress, **regular turning of the body should still be conducted.**

+ Verify the amount of inflation first to avoid failure or damage to the mattress overlay

- ◇ For first time usage:
 - Before allowing the user to lie down on the air mattress, it is recommended to fully inflate the air mattress first (at this stage, the low pressure alarm will be turned off, and the pump panel will display pressure normal). This will prevent an insufficient inflation of the channels.



- **Do not** pump the air mattress when the user is lying down on the air mattress.

- ◇ Adjust the pressure according to the weight of the user, and verify whether there is an appropriate amount of pressure present.

[when all the tubes are fully inflated, put your hand between the air mattress and the bed mattress or the wooden floor. Touch the area around the user's buttocks with the palm facing upwards.]

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| When the hand touches the inflated, air-filled channel strips, it should feel firm but supple | Pressure is normal |
| The hand can touch the user's buttocks | This is an indication of an insufficiency of air pressure. Re-adjustment is needed, or look for abnormal warning signals (eg: whether the CPR quick relief valve is loose, or whether the channels that connect the air mattress and the motor pump is loose). |

Chiayi County Assistive Device Resource Center

Alternating mode v.s. Static mode (Auto firm mode/Nursing button) (Interface may be different depending on the model)

- ◇ Alternating mode: When in use, the air mattress should be set to “alternating mode” for most of the time to achieve the effect of dispersing pressure
- ◇ Static mode (Auto firm mode/Nursing button): When caregiver is assisting the user with tasks such as turning over, getting dressed or getting out of bed, they should switch to static mode (auto firm mode/nursing button) to allow the air mattress to inflate first so as to improve the stability of the care process.
- ◇ Please remember to adjust back to “alternating mode” after the task is completed, so as continue the original purpose of the air mattress!

Distinction between the head and the feet. Take notice of the correct placement of the air mattress!

- ◇ The head position is non-alternating to avoid discomfort caused by the alternating channels when lying in bed, which in turn may affect sleep.
- ◇ It is recommended to place the end of the connecting inflation tube as well as the motor pump at the end of the bed, so to avoid the sound of the machine affecting sleep.
- ◇ Some mattress will mark the position of the head/foot on the outer cover of the air mattress. For example, the feet diagram is where the foot should be positioned, and on the opposite end is where the head ought to be.

