

# Med-Aire Assure 5" Air + 3" Foam Base Alternating Pressure and Low Air Loss Mattress System

Item # 14530

## USER MANUAL



# IMPORTANT SAFEGUARDS

When using electrical products, especially when children are present, basic safety precautions should always be followed, including the following

## **READ ALL INSTRUCTIONS BEFORE USING**

### **DANGER**

To reduce the risk of electrocution:

- Always unplug this product immediately after use.
- Do not use while bathing.
- Do not place or store product where it can fall or be pulled into a tub or sink.
- Do not place or drop into water or other liquids.
- Do not reach for a product that has fallen into water. Unplug immediately.

### **WARNING**

To reduce the risk of burns, electrocution, fire or injury to persons:

- A product should never be left unattended when plugged in.
- Close supervision is necessary when this product is used by, on, or near children or invalids.
- Use this product only for the intended use as described in this manual.
- Do not use attachments not recommended by the manufacturer.
- Never operate this product if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water. Return the product to a service center for examination and repair.
- Keep the cord away from heated surfaces.
- Never block the air openings of the product or place it on a soft surface, such as a bed or couch, where the air openings may be blocked. Keep the air openings free of lint, hair and the like.
- Never drop or insert any object into any opening or hose.
- Do not use outdoors or operate where aerosol (spray) products are being used.
- Connect this product to a properly grounded outlet only.

## **SAVE THESE INSTRUCTIONS**

This manual should be used for the initial set up of the system and for reference purposes.

## INTENDED USE

The Med-Aire Assure 14530 control unit and mattress are intended to help reduce the incidence of pressure ulcers while optimizing patient comfort.

## PUMP

The functions of the Med-Aire Assure 14530 control unit are described below. Please refer to the figures of the 14530 control unit.

### Power Switch (1)

- The switch is at the right side of the control unit.
- Turn ON/OFF the power, the pump will start/stop operation.

### Pressure Adjust Knob adjustable by patient's weight (2)

- Turn the Pressure Adjust Knob to set a comfortable pressure level by using the weight scale as a guide.

### Normal Pressure Indicator (3)

- A visible indicator (green) tells the pressure has reached a preset or user-defined level.

### Low Pressure Indicator (4)

- A visible indicator (yellow or red) warns the pressure is below a preset or user-defined level.

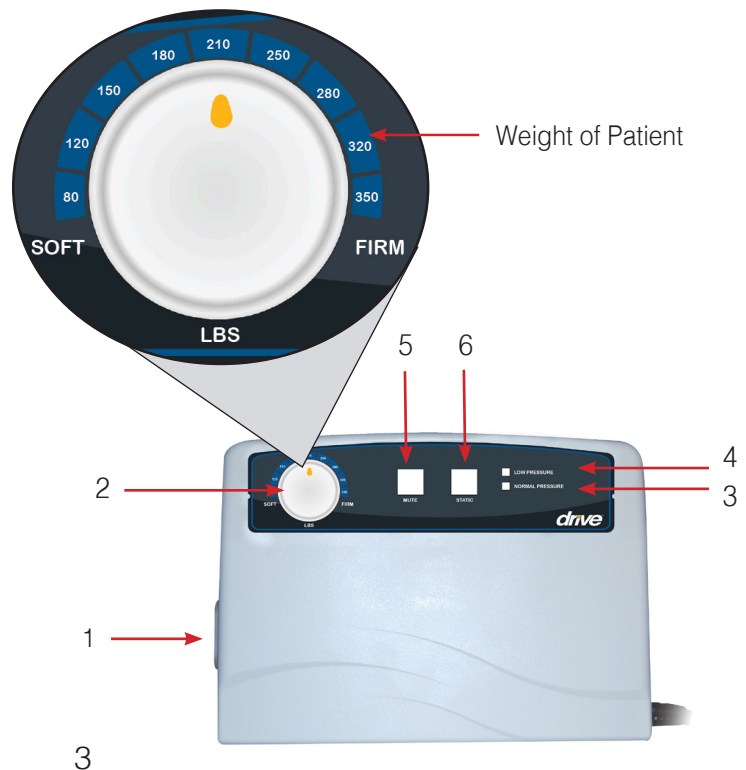
### Mute (5)

1. The audible/visible alarm turns on when pressure is low.
2. To mute the audible alarm, press the mute button. The visible alarm indicator will continue to flash.
3. The Air pressure issue must be corrected in order for the visible alarm to shut off. Once corrected the audible/visible alarm function will automatically reset.

### Static Control (6)

Press to set the air mattress in static mode.

1. Power Switch
2. Pressure-Adjust Knob
3. Normal Pressure Indicator
4. Low Pressure Indicator
5. Mute
6. Static Control



# INSTALLATION INSTRUCTIONS

## Step 1

Place the mattress flat on the bed frame. The inflation tube should be towards the foot end so that it can be connected to the inflation nozzles on the control unit.

## Step 2

You may place a thin cotton sheet over the quilted mattress top cover.

## Step 3

Hang the control unit over the frame or board at the foot end of the bed using the hooks attached to the control unit. Make sure the control unit is secured.

## Step 4

Connect the inflation tubes from the mattress to the control unit's inflating nozzles. Make sure they are properly attached.

## NOTE!

**Make sure the air hoses are not kinked or tucked under the mattress. Also check to ensure the CPR valves are properly attached.**

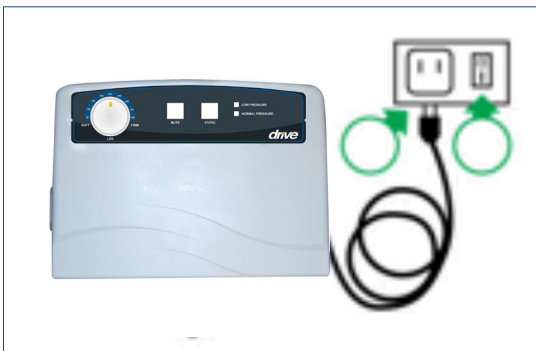
## NOTE!

**Before inserting the plug into the outlet, make sure the voltage is compatible.**

## Step 5

Switch the power switch on the side of the control unit on. The mattress replacement system may take up to 40 minutes for full inflation. For rapid inflation an external pump may be used such as Drive's electric quick fill pump, item #: 14427QF.

Proceed to the Operating Instructions section on page 5.



# OPERATING INSTRUCTIONS

1. Place control unit on horizontal surface or hang it by means of the hook.
2. Open mattress on the bed. Secure it with end flaps or straps. Air tubes must be at foot end of bed.
3. Connect air feed tubes to air outlet on the mattress and control unit, ensuring that the tubes are not kinked or twisted. Allow space for bed rails to drop freely.
4. Turn on the control unit's power. The indicator of the power switch will come on. The control unit starts to pump air into the mattress.
5. The Low Pressure indicator (yellow or red) will come on as inflation begins.
6. The audible alarm won't alarm within 40 minutes and will be activated if the pressure is still low inside the mattress. In case of low pressure, press the Mute button to mute the audible alarm, and its indicator will flash.
7. For first inflation, we recommend that you press Static button to quickly inflate.
8. When the pressure reaches the preset level within approximately 30 minutes, the Normal Pressure indicator will come on, and the Low Pressure indicator will turn off.
9. Turn the Pressure Adjust Knob to set a comfortable pressure level using the weight scale as a guide.
10. Press the Static button to set it in static mode, and the Static indicator will come on. The static mode will be started within approximately 6 minutes. Press the Static button again to switch back to alternating mode.

## **NOTE!**

**In static mode, the mattress provides a firm surface that makes it easier for the patient to transfer or reposition. The static mode prevents the patient from bottoming out when in a sitting position.**

## **CPR Function**

When there is an emergency to perform CPR on the patient, pull the CPR strap at the head section of the mattress to release the air quickly from mattress.

The CPR strap is located at the front right-hand side of the mattress.

# ENVIRONMENT REQUIREMENTS & CLEANING GUIDELINES

## **Operation Temperature**

50°F~95°F (10°C~35°C)

## **Storage Temperature**

5°F~122°F (-15°C~50°C)

## **Operation Humidity**

20%~80% Non-condensing

## **Storage Humidity**

10%~90% Non-condensing

## **CONTROL UNIT & MATTRESS MAINTENANCE**

In this section, we describe the procedures to clean and decontaminate the control unit and mattress. It is important to follow these procedures before using the system again.

The cleaning task is required at least once a week to maintain personal hygiene.

- Can be cleaned by disinfectant solution.
- Do not immerse the control unit in liquids.
- Do not heat or steam in autoclave.
- The mattress and cover should be aerated to fully dry.

## TECHNICAL SPECIFICATIONS

<b>CONTROL UNIT</b>	<b>MATTRESS</b>
Item: 14530P	Item: 14530M
Power Supply: 120V/ 60 Hz, 1A	Size: 80" (L) x 35" (W) x 8" (H)
Air output: 8 liter/min.	Top Cover: Quilted Cover with zipper
Pressure range: 30mmHg- 60mmHg( $\pm 10$ )	Air Cells: Nylon/ PVC
Cycle time: 10 min.	Base: Nylon/ PVC with non-skid bottom
Static Mode	17 air cells (5" air cells over 3" foam base)
Alarm Reset Mode	CPV Valve for emergency procedures
Normal/ Low Pressure light	Pillow function
Size: 11" (L) x 8" (W) x 4" (H)	Low Air Loss
Weight: 5 lbs.	Quick connectors

## LIMITED 1 YEAR WARRANTY

Your Drive branded product is warranted to be free of defects in materials and workmanship for 1 year from the date of purchase for the original consumer purchaser.

This device was built to exacting standards and carefully inspected prior to shipment. This Limited 1 Year Warranty is an expression of our confidence in the materials and workmanship of our products and our assurance to the consumer of years of dependable service.

This warranty does not cover device failure due to owner misuse or negligence, or normal wear and tear. The warranty does not extend to non-durable components, such as rubber accessories, casters, and grips, which are subject to normal wear and need periodic replacement.

If you have a question about your Drive device or this warranty, please contact an authorized Drive dealer.



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