Med-Aire Assure 14530
8" Alternating Pressure & Low Air Loss Mattress System with Foam Base

Item # 14530

USER MANUAL

drive™

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 it 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. See Grounding Instructions.

GROUNDING

Before any connection is made, make certain that this product is connected to a protective earth conductor via the three-wire power cord; the three-blade plug should be inserted only into a socket outlet that provides a protective earth contact. Please refer to page 8 for more information.

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 pump 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 pump are described below. Please refer to the figures of the 14530 pump.

Power Switch (1)
- The switch is at the right side of the pump.
- 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.
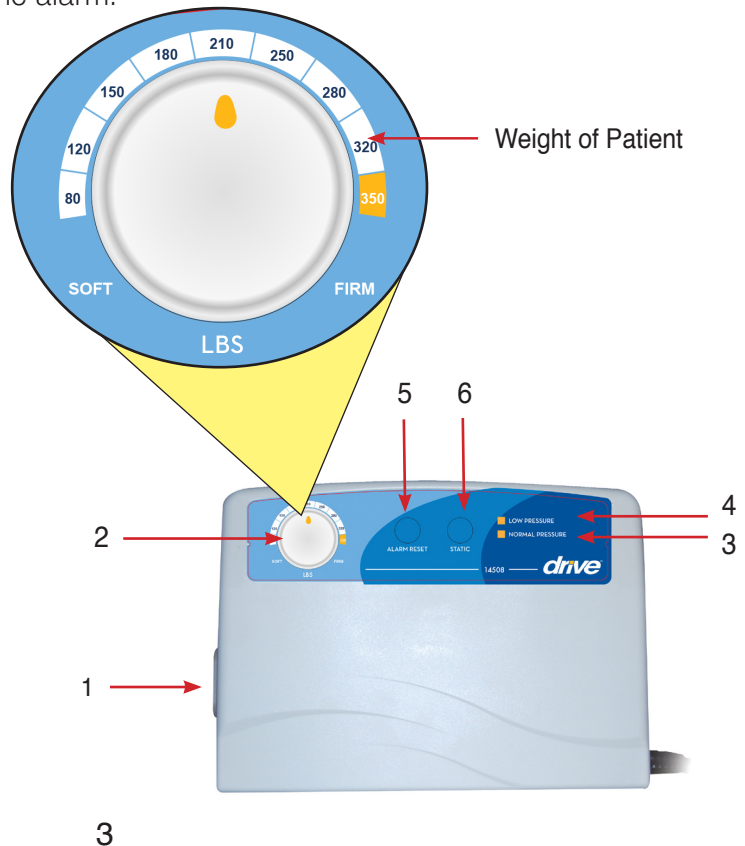
Alarm Reset (5)
- The audible/visible alarm turns on when the pressure is low.
- To mute the audible alarm, press the reset button. The visible alarm indicator will flash.
- Re-press the reset button to reactivate the alarm.

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. Alarm Reset
6. Static Control

Weight of Patient

3

OPERATING INSTRUCTIONS

1. Place pump 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 pump, ensuring that the tubes are not kinked or twisted. Allow space for bed rails to drop freely.

4. Turn on the pump power. The indicator of the power switch will come on. The pump 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 Alarm Reset 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.

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

PUMP & MATTRESS MAINTENANCE
In this section, we describe the procedures to clean and decontaminate the pump 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 pump in liquids.
- Do not heat or steam in autoclave.
- The mattress and cover should be aerated to fully dry.

TECHNICAL SPECIFICATIONS

PUMP	MATTRESS
Item: 14530P	Item: 14530M
Power Supply: 110V/ 60 Hz, 1A	Size: 80" (L) x 35" (W) x 8" (H)
Air output: 7-8 liter/min.	Top Cover: Quilted Cover with zipper
Pressure range: 30mmHg- 80mmHg(±10)	Air Cells: Nylon/ PVC
Cycle time: 10 min.	Base: Nylon/ PVC with non-skid bottom
Static Mode	18 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 warrantied 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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