



## AME800 MATTRESS REPLACEMENT SYSTEM

AME800 is complete mattress replacement system that sets a new standard for the ultimate in pressure relief surfaces. The AME 800 features 20 individual high strength air cushions, which are enclosed in a durable containment system. For added patient protection these cushions rest on a 2" covered foam safety pad. The 800 comes with a quilted top cover, which is waterproof, vapor permeable and completely machine washable.

An exceptionally quiet control unit is user friendly and attaches to the footboard of most hospital beds. Rapid inflate/deflate is available with the optional Quick Inflator at the touch of a button



### PURPOSE OF THE DEVICE

The purpose of the AME 800 Mattress System is to provide therapeutic benefit to patients at risk or suffering from pressure ulcers. The active component that has contact with the patient is a specialized, multi-cell air mattress sized to fit a standard medical bed frame. The air mattress serves to replace the original mattress and is equipped with 2 air hoses with connectors that mate with the Air Pump/Control Unit.

The Control Unit is a self contained, totally enclosed module that hangs by retractable hooks on the bed frame at the foot of the bed or sits on the floor under the bed. It is provided with a hospital grade electrical cord and a control panel that has selector switches and indicator lights. The switches and indicators are protected under a flexible membrane to keep out liquid spills and enhance clean-up and sanitation. Inside the Control Unit is an air pump, valve motor and air valves that allow the air mattress to operate in cyclic pressure variations. The Control Unit has two user replaceable fuses near the power switch. The fuses are rated at 250 Volts, 1.0 Amp.



## OPERATING INSTRUCTIONS

- 1) Remove standard mattress from the bed.
- 2) Replace standard mattress with the SAPPHIRE SERIES® 800 mattress. (Be sure air tubing is at the foot end of the bed.)
- 3) Strap air support mattress to bed frame on all four sides.
- 4) Place control unit on the footboard of the bed using the two retractable hooks located on the back of the unit. (If no footboard is available, put pump on the floor away from traffic.)
- 5) Attach the air tubing to the pump unit. Ensure that the connection is correctly aligned before it is snapped in tight. (Be sure air tubing is not kinked and is unobstructed.)
- 6) Check to see that the unit is turned “off” and then plug the unit into a grounded A/C 110 volt outlet.
- 7) Turn master power switch to the “on” position.
- 8) The Low Pressure yellow LED light indicates that the air mattress is not fully inflated. Press the Alarm Reset button to mute the alarm. When the pressure is reached, the Normal Pressure green LED will come on. Press the Alarm Reset button again to reactivate the alarm.
- 9) Turn the dial to the firmest position for overlay mattress inflation. The mattress will take approximately thirty minutes to air up with the pump.
- 10) Place the patient on the overlay mattress after it is completely inflated.
- 11) To set comfort level, turn the dial to corresponding setting for a firm or soft mattress.
- 12) Press the Static/Alternate button to switch between static and alternating modes. The LED will light up in Static mode.
- 13) For quick deflation or for CPR use:
  - a. Turn power off.
  - b. Twist CPR plug on the mattress to open it.
  - c. Remove the hoses from the control unit.



Notice: The mattress is equipped with a 2-inch foam pad in the mattress base for patient support.

# AME 800 MATTRESS



## Key Product Features

- Alternating pressure every ten minutes
- Whisper quiet with adjustable pressure settings
- Low pressure/normal pressure indicator lights
- Patented CPR release
- High strength domestic mattress construction for exceptional longevity
- Convoluted safety foam base with waterproof covering to eliminate contamination
- Low friction/shear, waterproof top cover

## CONTROL UNIT

Dimensions	10"L x 4"W x 9"H
Weight	4.5 lbs.
Cycle Time	10 minutes
Electrical	120V / 60Hz
Power Cord	Harmonized Hospital Grade Plug

## SUPPORT SURFACE

Weight Capacity	300 lb
Inflated Dimensions	35"W x 80"L x 8"H
Inflated Mattress Height	8"