

Technical Specification of air mattress

1. Tubular therapeutic pressure redistribution support system without pump.
2. Mattress should have two layer construction comprising antimicrobial foam top surface and minimum 9 transversal air filled cylinders.
3. Cover should be made up of bactericidal core material blended with butyl rubber backing with breathable properties to inhibit microorganism growth and to manage moisture.
4. Base should have nonskid material
5. Pressure redistribution under the shoulders, seat and legs via air cylinders for protecting skin of medium to high risk patients from development of pressure ulcers.
6. Non electric powered & without pump operating technology to reduce electrical costs, unnecessary alarms and system breakdowns and uninterrupted pressure relief even in the event of an electrical power failure.
7. Self-adjusting technology comprises of dynamic air chambers and cut-off valve to help to maximize body weight displacement and minimize tissue interface pressure by automatically adjusting the internal air pressure in reaction to body movement, altitude and temperature.
8. Individual & independently operating air chambers with intake and regulating valve that automatically regulates internal air pressures of the mattress to optimize patient weight displacement and help manage skin breakdown without the need for air reservoirs, manual adjustments or monitoring.
9. Sloped heel section to help to transfer weight off of the heel and onto the calf and thigh area of the leg.
10. Firm perimeter to provide seating support for the patient.
11. Flammability: Mattress material should meet TB 117 standards and all mattresses meet Federal cigarette ignition standards.
1. Authorised third party European body certificate certifying equipment compliance to CE 94/32/EEC
12. USFDA approved. Equipment model number must feature on USFDA Establishment Registration & Device Listing section.
13. Dimension: Length 200 cm (80 inch) x Width 87.5 cm (35 inch) x Depth 17.5 cm (7 inch)
14. Should be able to support up to 220Kg patient weight.

(Quantity = 4)

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Tech. specs approved

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