



The Airmesus is a reactive surface designed for patients suffering from high acuity, presenting a high risk of wounds and falls, low pain tolerance, low compliance and existing pressure ulcers, up to stage 3.

Main Features

- Ideal for intensive care when electric therapy is not reliable or does not constitute a clinical option
- High-density reinforced edges to facilitate transfer
- SAT, Self-Adjusting Therapeutic mattress system through air immersion
- Adapts to BMI and patient position for optimal immersion and pressure reduction
- Clinically proven fall prevention
- Proven and reliable treatment modality

Description

MATTRESS

- Optimal comfort and maintenance-free
- Effective support from head to toe
- Available sizes: 36" x 80"
- Also in: 39", 42" and 48"
- Maximum weight 500 lbs

TECHNOLOGY

The Airmesus closed and integrated cell system design uses patented check valve technology, as well as displacement and pressure distribution according to Boyle's law, for the self-adjusting technology (SAT) to function. Boyle's law is a gas law, stating that the pressure and volume of a gas have an inverse relationship. If volume increases, pressure decreases, and vice versa, using the equation: $P_1V_1/T_1 = P_2V_2/T_2$, so that the Airmesus SAT cell system permanently adjusts the volume and pressure of displaced air to achieve optimal flotation, depending on the individual's BMI and position on the cells.

Other Information

SURFACE GENERAL FEATURES

- Stretchable cover
- Standard bedding
- Quilted usable without negative effect
- Easy and efficient maintenance for care staff

