



AIR FLUIDIZED THERAPY BED

The FluidAir™ Air-Fluidized Therapy Bed provides superior pressure reduction for patients that are experience pressure ulcers and enable to heal their wounds. The bed is designed to operate in home and institutional settings that have adequate floor structure and support. The FluidAir™ bed provides Air-Fluidized Therapy by supporting the patient on a surface of fluidized microsphere (beads).

A large volume of air is forced upward through the bead mass causing the beads to behave similar to a fluid, helping to reduce interface pressures. The fluidization level of the beads and temperature of the air flowing upward through the bead mass can be adjusted to meet individual patient needs. Fluidization and temperature can be controlled at the main control panel or the patient remote control.



What type of patients benefit from an Air Fluidized Therapy (AFT) bed?

Typically patients with large refractory pressure wounds, posterior skin flaps or burn patients benefit from this therapy. In particular, patients who are unable to routinely turn themselves (paraplegics) will find this therapy beneficial in reducing and healing their pressure wounds. The HydroAire AFT bed is capable of taking on patients weighing up to 300 lbs. and typically patients as tall as 6' 5" in height.

How does the bed work?

The tub of the bed is filled with glass ceramic beads called micro-spheres and the beads actually compose the majority of the weight of the HydroAire AFT bed weighing approximately 900 lbs (bed weight without the beads is 221 lbs). The beads lie on top of a diffuser board. Blowers within the beds pedestals force air across the board and cause the beads to react like a liquid. This act is called fluidization.

What are other advantages of AFT beds?

Because AFT beds have such an effective way of reducing interface pressure, one of the side benefits of the bed is helping patients significantly reduce pain associated with pressure ulcers.

Key Product Features

- Air fluidized (bead-bed) technology.
- Commonly used in the post surgical treatments (skin flaps and skin grafts) .
- Thousands of Micro-sphere (beads) are forced into motion through a high powered blower creating a fluid like surface for pressure re-distribution therapy.
- High air flow/air loss to prevent skin maceration.
- Slant wedge head section, inflates to allow for head elevation for improved respiration.
- Waterproof, vapor permeable top cover.