

Savvy 8150



Advance Dynamic Alternating Mattress

The **Savvy 8150** 18 air cells dynamic mattress replacement system provides effective therapy with reliable high quality TPU coated nylon air cells for pressure ulcer prevention.

The 8" height 18 air cells with full 4" height immersion mattress replacement with our digital pumps is ideal for patients at **medium to very high risk** of pressure ulcer development.



The **Savvy 8150** features 18 dynamic alternating air cells with 2-1 Alternating and 3 static head cells. The 18 cell-on-cell design provides better support and more comfortable experience. In the event of power outage, the cell-on-cell design can also support the patient.



The **Savvy 8150** is an advanced multi-functional microcontroller programmed 9.0L linear compressor digital pump with a detachable power cord dynamic mattress replacement system. The digital pump has a precise digital pressure transducer which is able to reduce the power wattage once the pressure is reached therefore it is the most quiet, power efficiency, and extended lifetime pump. The digital pump has 20 minutes static mode, alternate mode with selectable cycle time, auto-firm mode, auto-detection mode, and an optional fowler detector. To insure patient's safety, the pump has audiovisual low pressure, power failure, and service alarms with error code.

Other Features



AKTC TrueCare Alternating

TrueCare Alternating will give patient the best sleep without the disturbance. The support surface can maintain the same height during each alternating cycle hence enhances the comfort for the patient. The patient will never experience motion sickness with our TrueCare air mattress system.



AKTC independent Low Air Loss (iLAL)

iLAL effectively reduces the moisture and skin heat on the support surface by periodically providing a high volume of low air loss relief. Low air loss is ventilated through 30 of 1.5 mm diameters holes on the manifold and releases up to 68L per cycle. More effective and longer lifetime than on-cell laser holes.



Medical Grade Two-Way Stretch PU Cover



Medical grade vapor permeable and spill resistance with fire retardant cover keeps the moisture away from patient's skin. Two high quality molded-tooth zippers cover for easy replacement and laundry. The cover is washable to 95° Celsius.



Knitted Retainer

The retainer is built with strong high quality knitted material to ensure the air cells are placed firmly. The knitted retainer is easy to be detached for washing and replacing.



Dual-Way "Quick CPR"

Immediate mattress deflation in case of emergency and immediate mattress inflation with our optional handheld inflator for quick setup



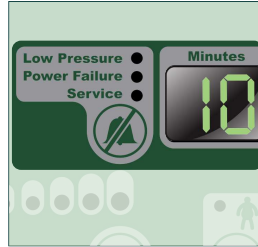
Tube-through-Cell Connector

CQC (Convenient Quick Couplings) Tube-through-Cell connector design eases up air cell replacement without any tool. The downward connector design allows patient's family to sit anywhere on the mattress without worrying the disconnection of the connectors.

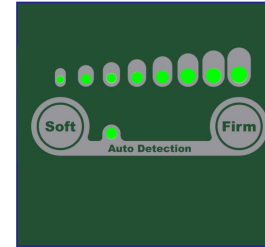
Technical Specifications



Transportation Mode
The transportation cap can be used in case of patient transportation or power outage.



Audiovisual Alarms
Power failure, low pressure, and service alarm with error code to ensure the nursing staff is notified in the event of faults.



Auto Pressure Detection
Software-based auto pressure detection providing the recommendation pressure setting using software algorithms.

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Pump	Digital
Dimension (cm)	33x13x24
Supply Voltage	230V/50Hz
Alternating Type	2-1 Alternating
Flowrate (Liter)*	9.0
Control Panel Type	Digital Keypad+Seven-Segments LED display
Mode	Alternate, Static
Full Cycle Time (Minutes)	Selectable 10, 15, 20, 25, 30
Alarms	Audiovisual Alarms (Power Failure, Low Pressure, and Service Alarm with Error Code)
Auto Pressure Detection	Yes
Power Code Type	Un-detachable
Fowler Function	Optional
Classification	Class II, Type BF
Electrical Safety Standards	IEC60601-1 IEC60601-1-2 **IEC60601-1-11 homecare standards available
Warranty	1 year

Mattress	8" Replacement
Dimension (cm)	200x90x20
Number of Cells	18
Cell Material	Nylon-TPU
Top Cover Material	Two-Way Stretch Polyester
Pillow Section	Yes, 3 cells
Cell-on-Cell Design	Yes
independent Low Air Loss (iLAL)	Yes (75-80L per cycle)
CPR Type	AKTC Q-CPR
Side Bolsters with Bolster Release Valve	Optional
SmileTurn	Optional
Recommendation Maximum Weight (kg)	200
Warranty	1 year

*The flow rate may be varied due to fluctuation of input voltage.

**Homecare standards does not allow ground connection 3 pin plug.



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