



# The next generation of care

The Apollo is a 16 cell dynamic alternating mattress over-ly system, providing high levels of care and comfort. Complete with our "Whisper Quiet" pump that delivers virtually silent operation.

## apollo overlay alternating air mattress system



Squirrel Medical working in partnership with Renray Healthcare

## Key features

- “Whisper Quiet” pump
- Two way stretch top cover
- 16 cell TPU material

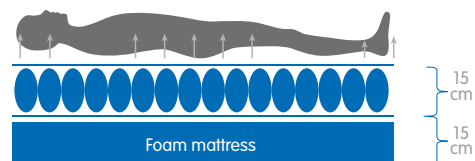
## IEC 60601-2-52: 2010

To maintain the 22cm of side rail protection above the mattress the Apollo Over-Lay needs to be used with side rail height extensions.



Alternatively the Squirrel Diamond or Dormir Mattress Replacement

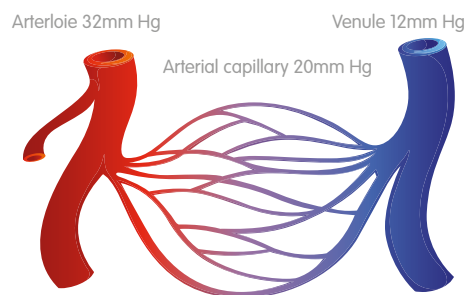
Systems can be used **without the need for side rail height extensions.**



Apollo 16 cell technology.

## What is a safe pressure?

Pressure in different parts of the circulatory system varies. The accepted threshold for pressure mapping is 32mmHg but pressures as low as 12mmHg can cause problems and it is important to view a mattresses performance over a broader range of pressure thresholds.

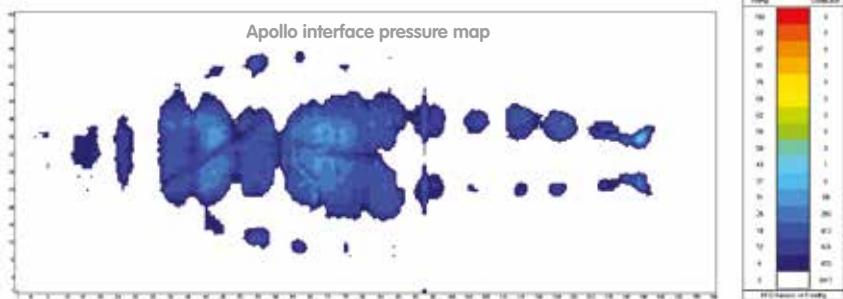


Thresholds for testing  
Pressure is measured in Hg (Mercury).

## Apollo overlay

Tested with a 55kg / 160cm female subject:

- 99% < 32mmHg
- 82% < 20mmHg
- 50% < 12mmHg



## Removable cover

A removable “Zip-off” top cover manufactured from a soft, two-way stretch, PU material with a protected full length zip, makes for easy inspection.

The inner surface is a powder white colour so any leakage or strike through is clearly visible. The two-way stretch material ensures that pressure peaks due to “hammocking” are eliminated. The tough water-proof, non-slip base encloses and protects the mattress core.



## Product data

Length	196cm
Width	84cm
Depth	15cm
Comfort settings	8
Top cover material	PU
Low pressure alarm	✓
Power failure alarm	✓
On/off switch	✓
Mattress weight	5kg
Pump weight	2.5kg

## Product codes

Complete System	<b>APO090200</b>
Mattress Only	<b>APO301</b>
Pump Only	<b>PUMP8525</b>

## Whisper quiet pumps

Noise generated by pumps can be intrusive and disturbing. This can result in disrupted sleep patterns and significant health issues.

The Squirrel “Whisper Quiet” pumps reduce noise significantly and are effectively silent in use.



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