



Scan for website

The Mattress Revolution for Your Hotel.

The first fully modular hotel sleeping system engineered for long life, fast hygiene, and superior guest comfort.



15+

years core lifespan



4M+

support points



100%

recyclable materials



0

waste to landfill

AIRCITOR 1.0

Clean by design. Built for the future.

Every component — outer cover, inner sleeve and fibre core — is independent and serviceable. Machine-wash the textile layers at 40°C, rinse and disinfect the core, and return the mattress to service quickly.

- ✓ Modular, serviceable design
- ✓ OEKO-TEX® Standard 100, Class I
- ✓ Closed-loop take-back programme



Aircitor 1.0 · product detail

The Uncomfortable Hotel Problem.

Traditional mattresses are difficult to clean, slow to turn over, and expensive to replace — creating avoidable cost and hygiene risk for hotels.



Cleaning inefficiency

Deep cleaning rarely fits between guest stays.



High replacement costs

Small contamination can force disposal of the whole unit.



Guest satisfaction risk

Hygiene issues directly affect ratings and trust.

A fundamentally different answer.

Aircitor 1.0 is a fully modular sleeping system. Covers, sleeve and core can be serviced separately, so you replace only what needs replacing.



Modular system

Each layer is serviceable on its own.



Better hygiene

Washable textile layers and a rinseable core.



Lower replacement cost

Replace parts, not the whole mattress.



Durable core

Designed for 15+ years of use.



Customisable

Colours and covers tailored to your property.



Lower waste

Recyclable, closed-loop product design.



ANTIBUG · ANTIMITE

Bed bugs & dust mites? Nowhere to hide.

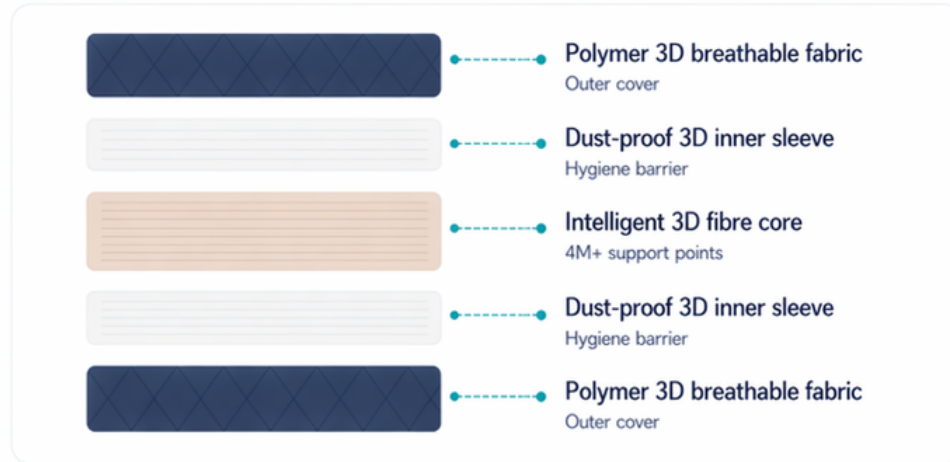
Every layer opens, washes and dries — no sealed core and no hidden contamination.

100%

inspectable · washable every single layer

3-Component Structure. Clean, serviceable, built to last.

Each layer can be cleaned or replaced individually, combining guest comfort with reliable hygiene and long service life.



YOUR BRAND · CUSTOMISATION

Match your property.

15 premium colours available — custom colours on request.
Add your logo. Choose your fabric.



CERTIFIED SAFE · CLASS I

Safe enough for baby textiles.

OEKO-TEX® STANDARD 100, Class 1 certified – tested for harmful substances and therefore also suitable for babies and young children.

THE CLEANING WORKFLOW

100% hygienic full clean for guest turnovers – simple, safe, and time-efficient.



Aircitor 1.0 vs. Conventional.

Feature	Aircitor 1.0	Conventional
Sleep quality	4M+ support points, superior breathability	Degrades in 2–3 years, traps heat
Hygiene	Every layer washable, core rinseable	Surface clean only
Lifespan	15+ years core; covers replaceable	5–7 years, then full replacement
Cost over 15 yrs	1 modular system	2–3 replacements + disposal
End-of-life waste	100% recyclable product	20–30 kg per unit to landfill
Modularity	3 independent layers — swap any part	Single sealed unit

SUSTAINABILITY THROUGH MODULARITY

Better for your P&L. Better for the planet.

Replace individual components to save cost, cut waste, and support ESG goals.



15y
Lifespan



100%
Recyclable



Book your on-site demo.

See Aircitor at your hotel and receive a personalised 15-year savings analysis.

Currently serving:
Famagusta area, Cyprus



Contact

+357 96 724 490
+357 97 539 987
hotels@quantum-sleeping-systems.com

PRODUCT GALLERY



Dust proof 3D inner sleeve



Beige cover



White cover



Rinse-cleanable core



Commercial laundry compatible



**Washable layers.
Replace only what
needs replacing.**

Built for hygiene,
designed for longevity.



Scan for website



3-component modular build



Premium Hotel Mattress

Breathable materials help prevent moisture build-up and support a fresh, comfortable sleeping climate.



Ideal for Mediterranean Climates

Designed for warm hotel environments, AIRCTOR 1.0 promotes airflow and helps guests enjoy restful sleep, even during hot summer nights.



Book an On-Site Demo

Hotels can book an on-site product demonstration on our website. The website also includes a savings calculator to estimate potential cost benefits for hotel operations.

Selected colourways



WHITE



BEIGE



LIGHT GRAY



ANTHRACITE



NAVY



FOREST GREEN

Serviceable by design

Smart zipper system for easy layer access and modular maintenance.

