



HYBRID MATTRESS SYSTEMS

*Active or Passive Support Surfaces
Easily Adapted to Changing Needs*

aspire for...

Comfort

Support

Protection



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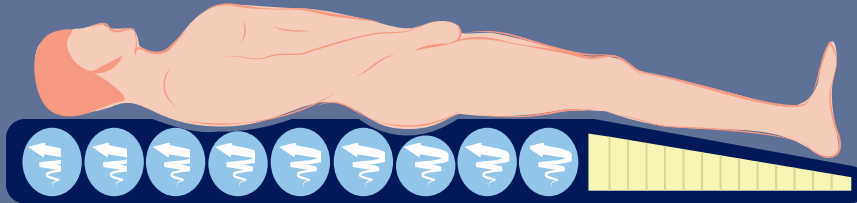


The Lifecomfort Hybrid (180kg) and Hybrid Acute (230kg) Mattress Systems offer foam-in-cell technology - enabling flexible operation as either a high comfort foam static support surface or powered-up alternating pressure support surface.



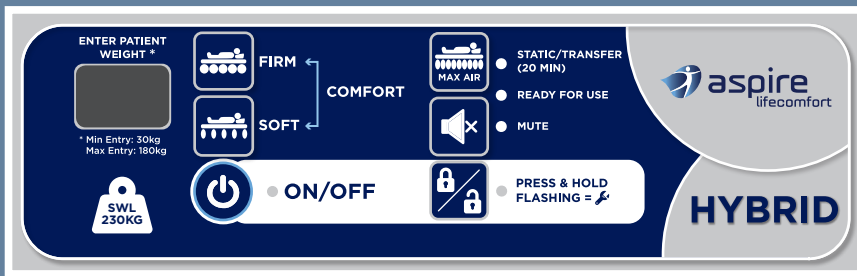
Self Adjusting Pressure Redistribution

In non-powered mode, nine interconnected foam filled cells allow air to move freely between them via the user's body movements. An integrated memory foam overlay improves immersion, envelopment and comfort.



NON-POWERED

Active Support Surface Solution



By connecting the pump, the mattress converts to an active support surface. A single digital pump is compatible with both Hybrid and Hybrid Acute Mattress Systems - PTM638030. The digital pump SWL of 230kg matches the higher 230kg SWL of the Hybrid Acute System. The max SWL applied in practice should always be the mattress SWL.

Lifecomfort Hybrid - 180kg
Lifecomfort Hybrid Acute - 230kg



Active Pressure Redistribution

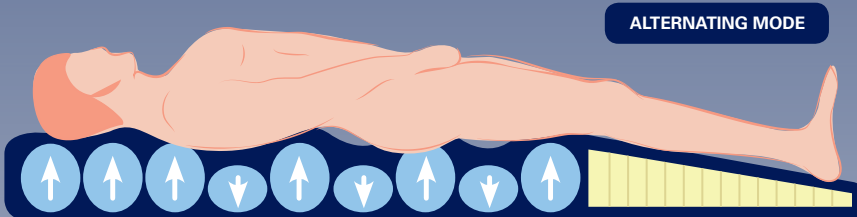
In powered function, the Alternating and Static modes become available.

Alternating mode provides an active support surface that redistributes pressure beneath the user via a 1 in 2 alternating cycle.

Intelligent Static mode uniformly distributes pressure to create a firm surface to assist with patient transfers and bed entry/exit. After 20 minutes the system reverts to Alternating mode. This ensures maximum user protection and pressure management if staff forget to reactivate alternation.



POWERED



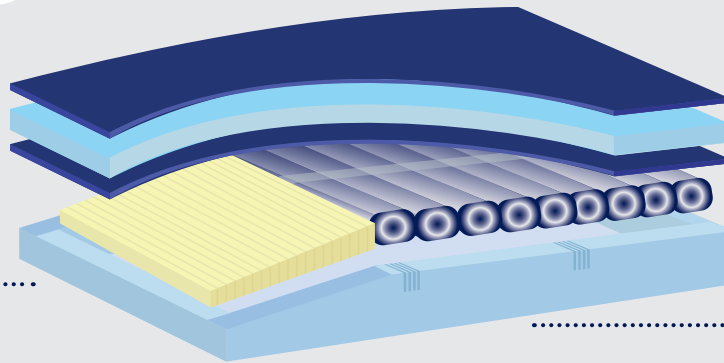


Intelligent Hose Management

When not in use the air-hose can be stored internally, reducing infection control and OH&S issues.

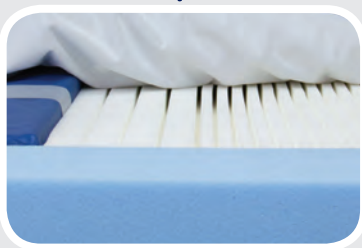
Memory Foam Top Layer

Integrated memory foam overlay improves immersion, envelopment and comfort.



Integrated Shear Reduction

The memory foam overlay moves independently of the underlying cells, reducing shear as the bed profiles.



Optimised Heel Protection

A 12° tapered heel zone redistributes pressure up the lower leg, away from the vulnerable heel region. The castellated surface collapses in a wave-like movement reducing shear.



Lifecomfort Hybrid & Hybrid Acute

Lifecomfort Hybrid Acute Premium Features



Infection Control

Fully welded seams, with waterfall zip covers, protect against fluid ingress. Leading European fabric provides durability to handle infection control cleaning processes.



Skin Microclimate

The multi-stretch cover reduces shear and offers a high Moisture Vapour Transfer Rate (MVTR). This promotes air flow and optimal skin microclimate.



Sleep Quality

Innovative pump technology reduces noise and vibration. This promotes optimal sleep quality for the user.



CPR Compatible

In non-powered mode, the foam-core cells allow CPR to take place. When in powered mode, simply disconnect the pump to facilitate resuscitation.



Reduced Manual Handling Effort

By attaching the pump, support surface performance can be stepped up or down to meet user needs. This reduces the need to transfer users and manually swap mattresses. Mattress handles assist maneuvering or mattress movement if deemed necessary.



Hospital Grade Infection Control

Premium PU cover for superior chemical resistance to higher strength cleaning agents for durability in the Hospital environment.



Higher Safe Working Load

Premium foam technology accommodates users up to 230kg which aligns with international standards for hospital beds, without compromising comfort.



SYSTEM	Aspire Hybrid		Aspire Hybrid Acute	
SIZE	Single	King Single	Single	King Single
CODE	PTM638010	PTM638015	PTM638020	PTM638025
RISK CATEGORY	Medium to High		Medium to High	
S.W.L	180kg		230kg	
TOTAL NO. OF CELLS	9		9	
STATIC HEAD CELLS	3		3	
CELL CYCLE	1 in 2		1 in 2	
CYCLE TIME	11 minutes		11 minutes	
CELL MATERIAL	PU		PU	
LENGTH	1980mm		1980mm	
WIDTH	895mm	1050mm	895mm	1050mm
HEIGHT	170mm		170mm	
WEIGHT	20kg	22kg	20kg	22kg

PUMP	
CODE	PTM638030
CONTROLS	Digital
DIMENSIONS	320mm x 130mm x 230mm
WEIGHT	3.5kg
SUPPLY VOLTAGE	230V, 50Hz

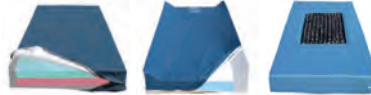


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