



Direct Healthcare
Services

Delivering the Promise

PRESSURE CARE **DYNAMIC RANGE**

AIR

MERCURY ADVANCE

MERCURY ADVANCE
TROLLEY MATTRESS

MERCURY ADVANCE CUSHION

AIR PLUS

AIR PRO-PLUS

AIR SURE

AIR SURESSE

AIR BARI



Direct Healthcare **Dynamic Mattress Systems** provide state of the art technology, combining clinical efficacy with enhanced performance and reliability. These systems give complete nursing confidence in all high risk patient groups. Below is a guide for all mattress systems towards application. However, as each patient circumstance is very different, clinical judgement must be used at all times upon evaluating patient needs against an appropriate system.

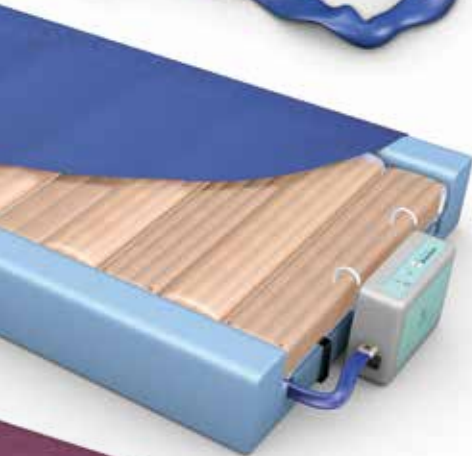



Mattress Overlay System
MAT/AIR/200/85/10



Clinical Application / PU Grading

The Dyna-Form Air mattress is a Medium to High Risk, dynamic mattress overlay system. With a cycle time of ten minutes and weight application of up to 24 stone / 152kg, the ultimate consideration towards pressure ulcer management is achieved, whilst polyurethane cells enhance patient comfort. Complete with a slimline, user friendly control unit, functionality becomes simple (NB: Various pumps available with this design. Please ask your local representative for further information).




Mattress Replacement System
MAT/MERADV/198/88/15



Clinical Application / PU Grading

The Dyna-Form Mercury Advance mattress is a "High / Very High Risk" dynamic replacement system, combined with the benefits of modern foam technology. Offering high levels of patient comfort, this unique system has the facility to "step up" to that of a dynamic mattress when clinically required. Similarly, the mattress's function can be downgraded as the patient's condition improves.




Mattress Replacement System
MAT/PLUS/200/85/16



Clinical Application / PU Grading

This best selling mattress system is suitable for use with High Risk patient groups. Complete with an automatic pressure adjustment system for patients up to and including 25 stone / 159kg, this system is suitable for use on the ward, homecare or residential environments. The side formers, which are constantly inflated throughout operation, provide ultimate stability for the patient and indeed carer at time of transfer. With a cycle time of ten minutes, the ultimate consideration towards pressure ulcer management is achieved.



Clinical application

Our products are designed for use on all types of pressure ulcers, in the prevention and treatment stages up to and including grade IV. Direct Healthcare mattress systems work in conjunction with good nursing procedures and in line with tissue viability protocols.



Dyna-Form[®] Air Pro-Plus

Mattress Replacement System
MAT/PROPLUS/200/85/16



Clinical Application / PU Grading

This state of the art mattress system is suitable for use with High / Very High Risk patient groups. Complete with a comfort, pressure adjustment system for patients up to and including 28 stone / 178kg, this system is suitable for use within any healthcare environment. The unique and modern pump design allows easy application and comfort for both carer and patient alike. With a clinically proven cycle time of ten minutes, the ultimate consideration towards pressure ulcer management is achieved.



Dyna-Form[®] Air Sure

Mattress Replacement System
MAT/SURE/200/85/25



Clinical Application / PU Grading

The Dyna-Form Air Sure mattress is a Very High Risk dynamic mattress replacement system. This flagship pressure care unit, meets the requirements of larger patients with a 40 stone / 254kg weight limit as standard. A unique feature to deflate the head cells for prone nursing positions is something not offered by other mattress manufacturers. It achieves almost complete pressure elimination on each area of the body for 20% of the cycle.



Dyna-Form[®] Air Suresse

Mattress Replacement System
MAT/SURESSE/200/85/16



Clinical Application / PU Grading

The Dyna-Form Air Suresse mattress is the latest high dependency, dynamic mattress replacement system within the DHS range of products. This product is manufactured with a dual compressor system, allowing suitable application to those much larger, complex patients and a 40 stone / 254kg weight limit as standard. The side formers, which are constantly inflated throughout operation, provide ultimate stability for the patient and indeed carer at time of transfer. With a cycle time of 12 minutes, the ultimate consideration towards pressure ulcer management is produced.



Dyna-Form[®] Air Bari

Mattress Replacement System
MAT/BARI/200/120/25



Clinical Application / PU Grading

Our Bariatric mattress system is a Very High Risk dynamic mattress replacement system, specially designed to meet the needs of larger patient groups up to and including patients of 63 stone / 400kg. The unique alternating pressure mode allows almost complete pressure elimination. Within the Static Comfort Mode, patients can rest as comfortably as with some recognised Low Air Loss systems. A new display panel assures user friendly application and safe operation. The new patented mattress cell construction allows for use with the most challenging of patient demographics.



Dyna-Form[®] Air



Clinical Application / PU Grading

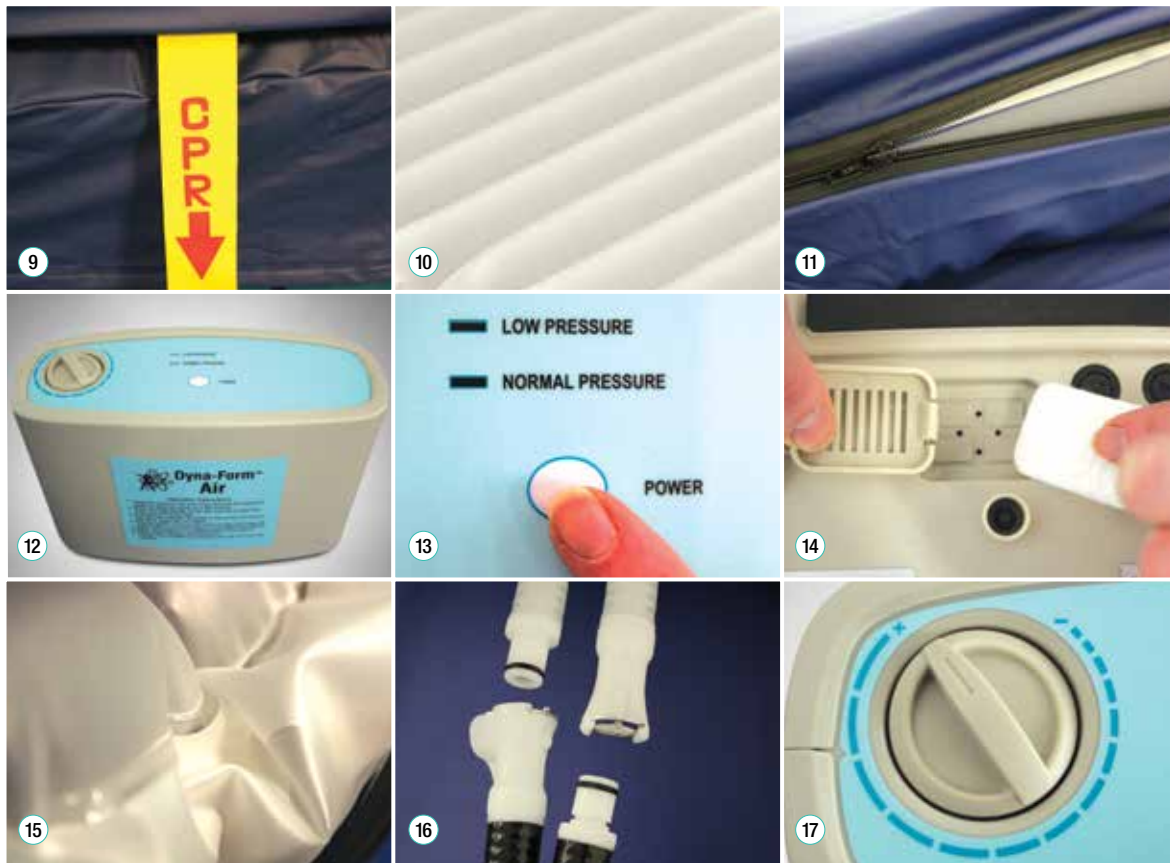
Technical Specifications

Product Code	MAT/AIR/200/85/10
Risk Category	Medium / High Risk
Weight Limit	No minimum weight limit is required Maximum – 24 stone / 152kg
Warranty	1 Year
Dimensions	Standard size (Length) 200cm x (Width) 85cm x (Height) 10cm
Product Weight	5kg mattress / 2.1kg power unit
Cycle Time	10 minutes
Mode of Operation	Continuous
Voltage	230V / 50HZ
Power Consumption	12W

Infection Control / Hypochlorite Solution Compatible
Mattress Cover / Power Unit to be wiped down with Hypochlorite solution and warm water, appropriately diluted.

The **Dyna-Form Air** mattress is a Medium to High Risk, dynamic mattress overlay system. With a fully replaceable cell structure, this system meets clinical needs, infection control challenges and cost management issues. Consisting of 20 cells, even weight management and comfort has been considered within the design process.

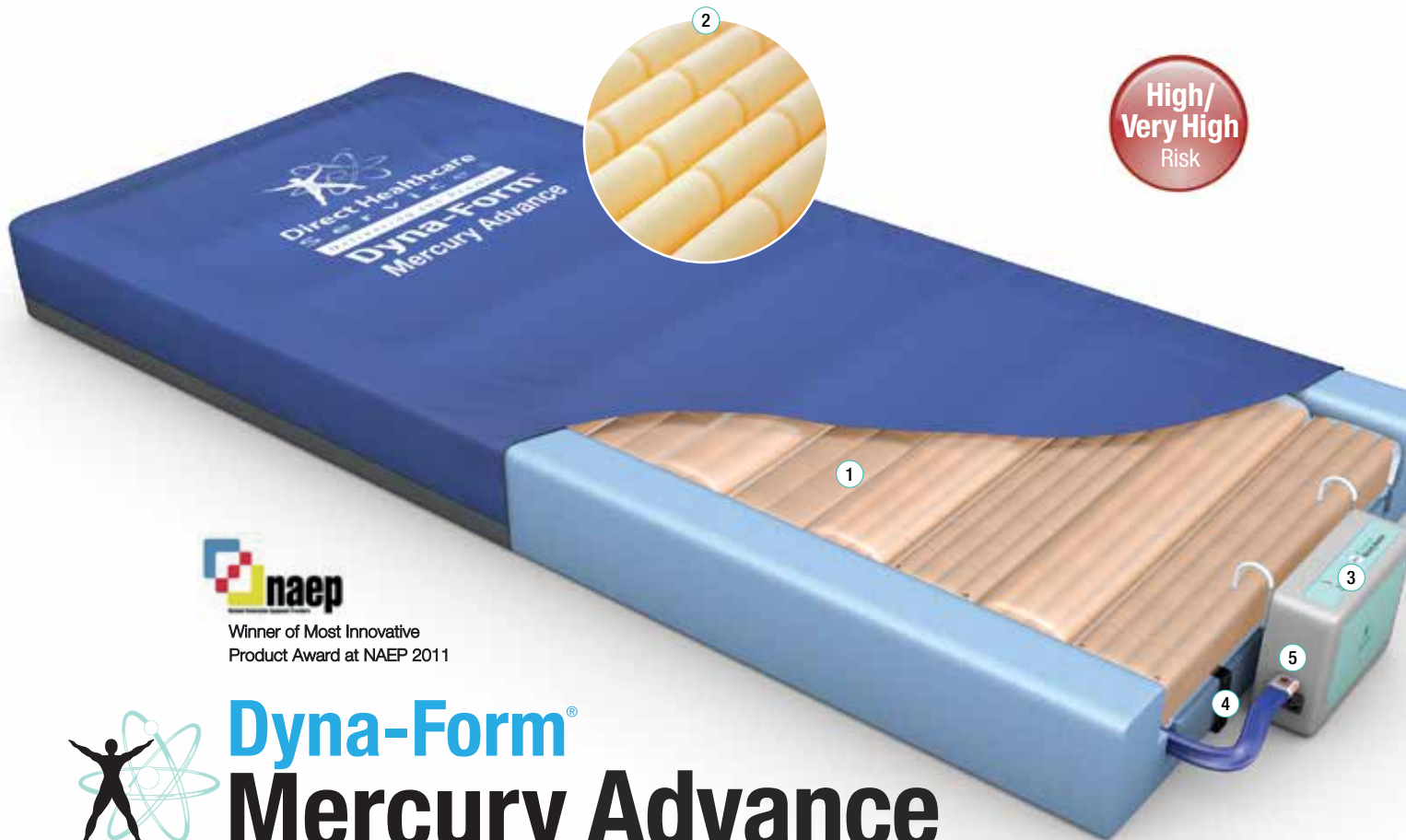
With a cycle time of ten minutes, the ultimate pressure ulcer management is achieved, whilst minimising patient nausea. Complete with a slimline, user friendly control unit, functionality becomes simple. An outer cover comprising of high frequency welded, multi stretch, and vapour permeable fabric adheres to the strictest infection control policies which is ideal for use in any ward, homecare or nursing environment.



Features

Benefits

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|---|---|
| ① Fully replaceable inner cell structure | Ideal for basic service and maintenance procedures, controlling cost management |
| ② High frequency welded cover | Enhances infection control procedures and reduces fluid ingress |
| ③ 20 cell design system | Inflates and deflates at regular ten minute intervals, providing ultimate pressure management |
| ④ 2 static head cells | Minimises nausea / maintains stability of the head for neck trauma |
| ⑤ Rear access filter system | For ease of maintenance and cleaning |
| ⑥ Full length securing straps | Ensures safe use for both patient and carer |
| ⑦ Slim line power unit | Basic design for ease of use, avoiding the need for complex training |
| ⑧ LED / Audible alarm | Dual indicators alert carers of all functions |
| ⑨ Easy identifiable fluorescent CPR tag – for rapid deflation prior to cardio pulmonary resuscitation procedure | |
| ⑩ Polyurethane cell structure operating at regular ten minute intervals | |
| ⑪ High frequency welded zip flap cover | |
| ⑫ Modern power unit complete with quick release male and female connectors. A removable filter cover allows for basic cleaning and maintenance procedures. Features a dial system for weight application purposes (NB: A variety of pump designs are available to | |
| ⑬ for this overlay system. Please contact your local representative in order to demonstrate these fully) | |



Winner of Most Innovative
Product Award at NAEP 2011



Dyna-Form[®] Mercury Advance



Clinical Application / PU Grading

Technical Specifications

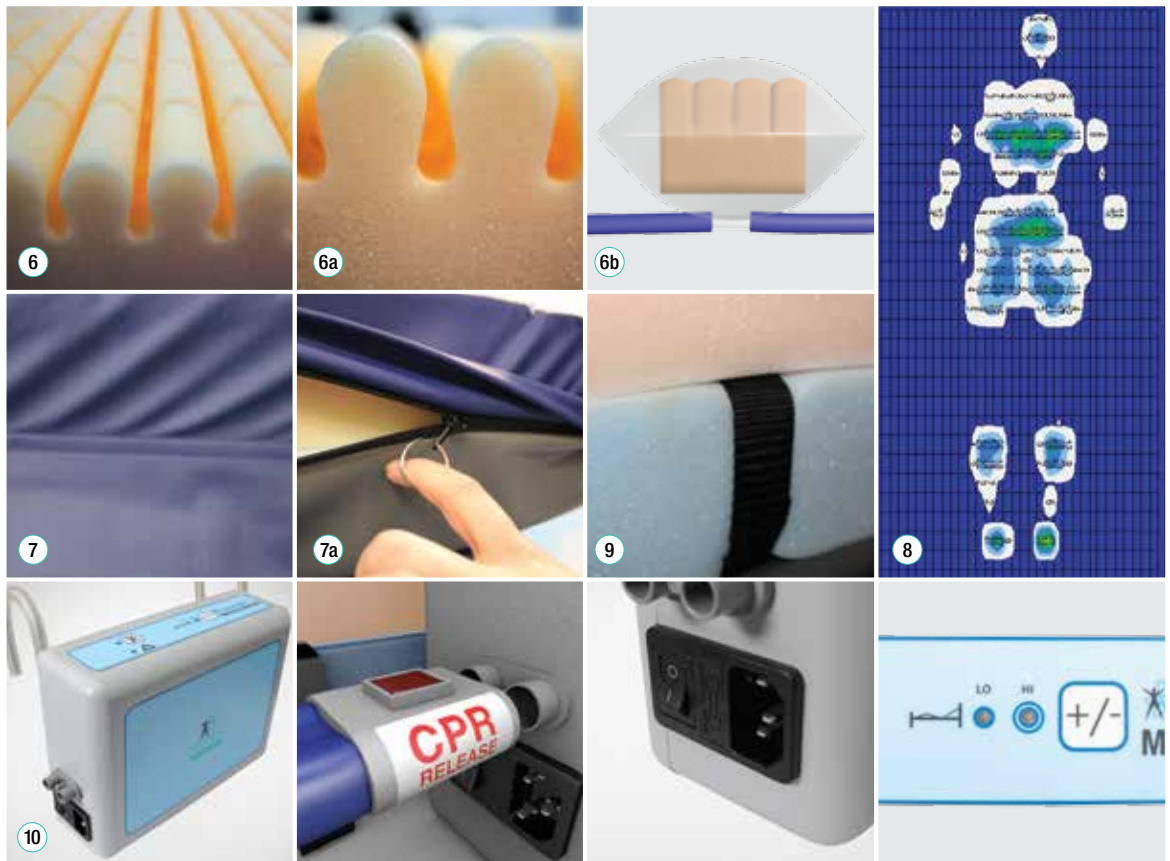
Product Code	MAT/MERADV/198/88/15
Risk Category	High / Very High Risk
Weight Limit	No minimum weight limit. Product evaluated to 40 stone / 254kg capacity
Warranty	2 Years
Dimensions	Standard Size (Length) 198cm x (Width) 88cm x (Height) 15cm
Product Weight	13.3kg mattress / 1.7kg Power Unit
Cycle Time	10 minutes
Mode of Operation	Electronic
Voltage	220V – 240V / 50HZ
Power Consumption	10W

Infection Control / Hypochlorite Solution Compatible

Mattress Cover / Power Unit to be wiped down with Hypochlorite solution and warm water appropriately diluted.

The **Dyna-Form Mercury Advance** mattress is a “**High / Very High Risk**” dynamic replacement system, combined with the benefits of modern foam technology. Offering high levels of patient comfort, this unique system has the facility to “step up” to that of a dynamic mattress when clinically required. Similarly, the mattress’s function can be downgraded as the patient’s condition improves.

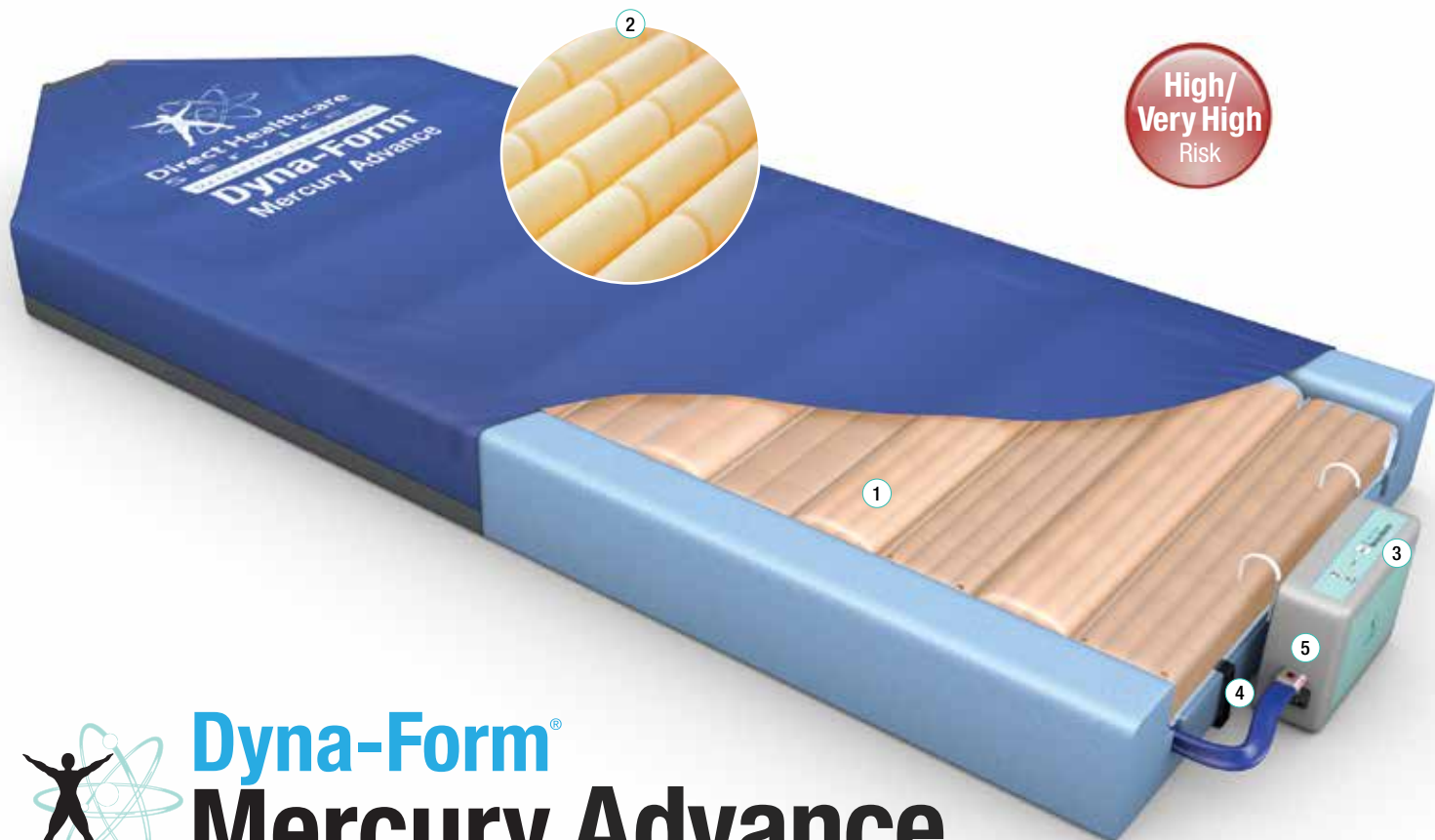
These features make it particularly beneficial for use within the patient’s home or palliative care environment and help reduce logistic and decontamination costs. The clinical benefits of a single system are equally applicable to those of a modern hospital setting. A higher maximum weight capacity, up to 40 stone / 254kg, allows the product to meet the modern challenges of those heavier clients. All component parts are interchangeable and replaceable, maximising product life and reducing environmental impact. The outer cover comprising a high frequency welded, multi stretch and vapour permeable fabric satisfies the strictest infection control policies.



Features

Benefits

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|--|--|
| ① Combined foam and dynamic mattress technology | Provides the ability to upgrade/downgrade to that of patient clinical requirements |
| ② Fixed head section | Maintaining head and shoulder stability |
| Static mode | For rapid transfer or cleaning procedures |
| ③ Pressure selection mode | Providing ultimate patient comfort, without affecting care procedures |
| 2 in 1 mattress capability | Minimises demand on logistics, decontamination and repair costs |
| Clinically proven foam mattress | Professor led documentation available |
| ④ Optional securing straps | Ensures safe use for both patient and carer |
| Easy use power unit | Automatic pressure adjustment function to that of individual patient weight |
| LED alarm | Flashing indicators alert carers of low cell pressures/ failure |
| ⑤ Easy deflate CPR connector valve | Allows rapid deflation within 10 seconds |
| ⑥ Foam cell technology within a cycle of operation | |
| 6a: Close up shot of CMHR foam castellations within the cell | |
| 6b: Ability to change every individual cell, providing excellent cost management opportunities | |
| ⑦ Minimal weld design with protective zip flap cover, thus preventing ingress or harbouring of skin flora and other bacteria | |
| 7a: "Ring Pull" zip design to aid arthritic hands or other disabilities | |
| ⑧ Latest pressure mapping, highlighting system in mid cycle, substantiating exceptional pressure re-distributing capabilities | |
| ⑨ Cell structure, secured to the foam mattress core, preventing unwanted movement | |
| ⑩ Modern design power unit comes complete with a multitude of functions including: Automatic pressure setting / comfort selection mode, CPR / Static mode functions, Low / High pressure LED and audible alarm functions, Illuminating On / Off switch | |



Dyna-Form[®] Mercury Advance Trolley Mattress



Clinical Application / PU Grading

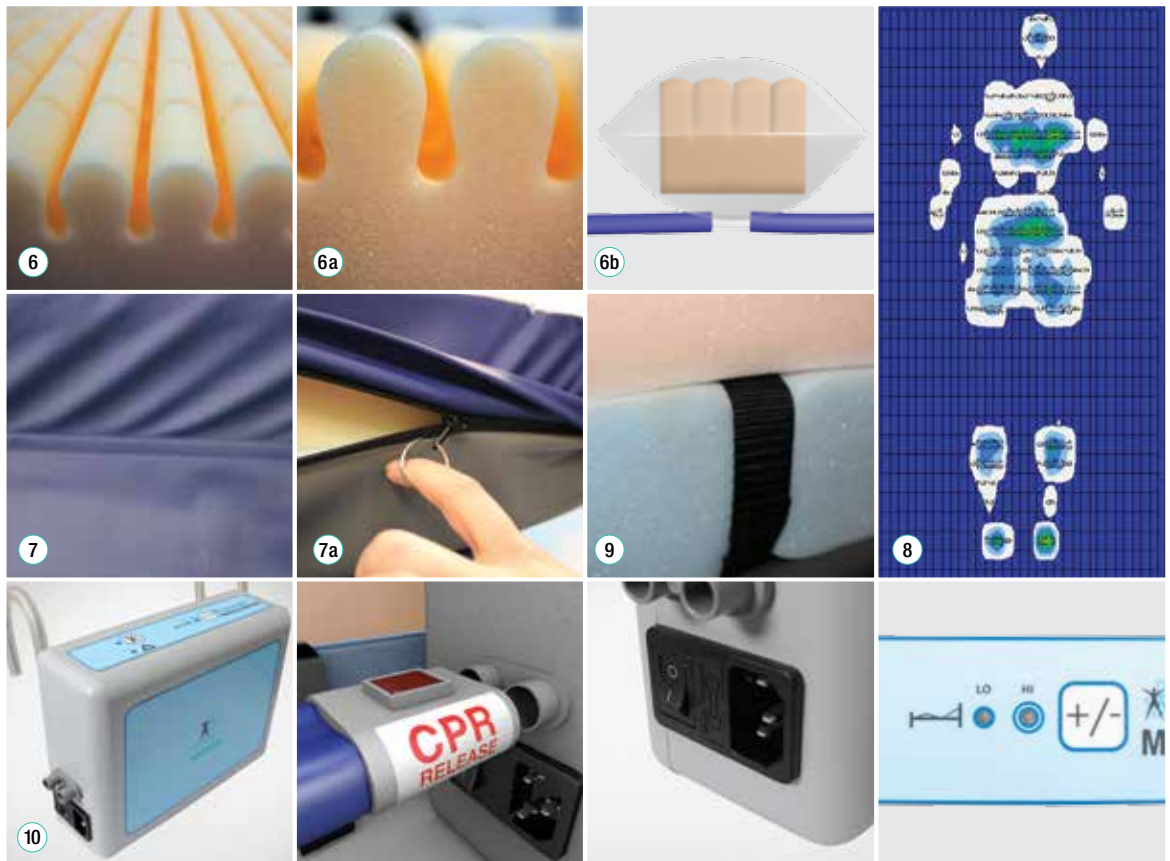
Technical Specifications

Product Code	MAT/ADV/TROL/SIZE
Risk Category	High / Very High Risk
Weight Limit	No minimum weight limit. Product evaluated to 40 stone / 254kg capacity
Warranty	2 Years
Dimensions	Made to Measure
Product Weight	10kg Mattress / 1.7kg Power Unit
Cycle Time	10 minutes
Mode of Operation	Electronic
Voltage	220V – 240V / 50HZ
Power Consumption	10W

Infection Control / Hypochlorite Solution Compatible

Mattress Cover / Power Unit to be wiped down with Hypochlorite solution and warm water appropriately diluted.

The **Dyna-Form Mercury Advance Trolley Mattress** has been designed especially for users considered to be that of **“High / Very High Risk”** of pressure ulcer development in potentially lengthy A&E waiting environments. This product can be made to measure in order to fit most trolley designs and is ideal for use in busy A&E departments that have an extensive patient turnover. Offering high levels of patient comfort, this system has the facility to “step up” to that of a dynamic mattress when clinically required. Similarly, the mattress function can be downgraded as the patient’s condition improves. These features make it particularly beneficial for use in an acute environment and help reduce moving and handling, logistical and decontamination impact costs. A higher maximum weight capacity, up to 40 stone / 254kg, allows the product to meet the modern challenges of those heavier clients. All component parts are interchangeable and replaceable, maximising product life and reducing environmental impact. The outer cover comprising a high frequency welded, multi stretch and vapour permeable fabric satisfies the strictest infection control policies.



Features

Benefits

- | | |
|---|---|
| <p>① Combined foam and dynamic mattress technology</p> | <p>Provides the ability to upgrade/downgrade to that of patient clinical requirements</p> |
| <p>② Fixed head section</p> | <p>Maintaining head and shoulder stability</p> |
| <p>Static mode</p> | <p>For rapid transfer or cleaning procedures</p> |
| <p>③ Pressure selection mode</p> | <p>Providing ultimate patient comfort, without affecting care procedures</p> |
| <p>2 in 1 mattress capability</p> | <p>Minimises demand on logistics, decontamination and repair costs</p> |
| <p>Clinically proven foam mattress</p> | <p>Professor led documentation available</p> |
| <p>④ Optional securing straps</p> | <p>Ensures safe use for both patient and carer</p> |
| <p>Easy use power unit</p> | <p>Automatic pressure adjustment function to that of individual patient weight</p> |
| <p>LED alarm</p> | <p>Flashing indicators alert carers of low cell pressures/ failure</p> |
| <p>⑤ Easy deflate CPR connector valve</p> | <p>Allows rapid deflation within 10 seconds</p> |
| <p>⑥ Foam cell technology within a cycle of operation</p> | <p></p> |
| <p>6a: Close up shot of CMHR foam castellations within the cell</p> | <p></p> |
| <p>6b: Ability to change every individual cell, providing excellent cost management opportunities</p> | <p></p> |
| <p>⑦ Minimal weld design with protective zip flap cover, thus preventing ingress or harbouring of skin flora and other bacteria</p> | <p></p> |
| <p>7a: "Ring Pull" zip design to aid arthritic hands or other disabilities</p> | <p></p> |
| <p>⑧ Latest pressure mapping, highlighting system in mid cycle, substantiating exceptional pressure re-distributing capabilities</p> | <p></p> |
| <p>⑨ Cell structure, secured to the foam mattress core, preventing unwanted movement</p> | <p></p> |
| <p>⑩ Modern design power unit comes complete with a multitude of functions including: Automatic pressure setting / comfort selection mode, CPR / Static mode functions, Low / High pressure LED and audible alarm functions, Illuminating On / Off switch</p> | <p></p> |



Dyna-Pad[®] Mercury Advance Alternating Cushion



Clinical Application / PU Grading

Technical Specifications

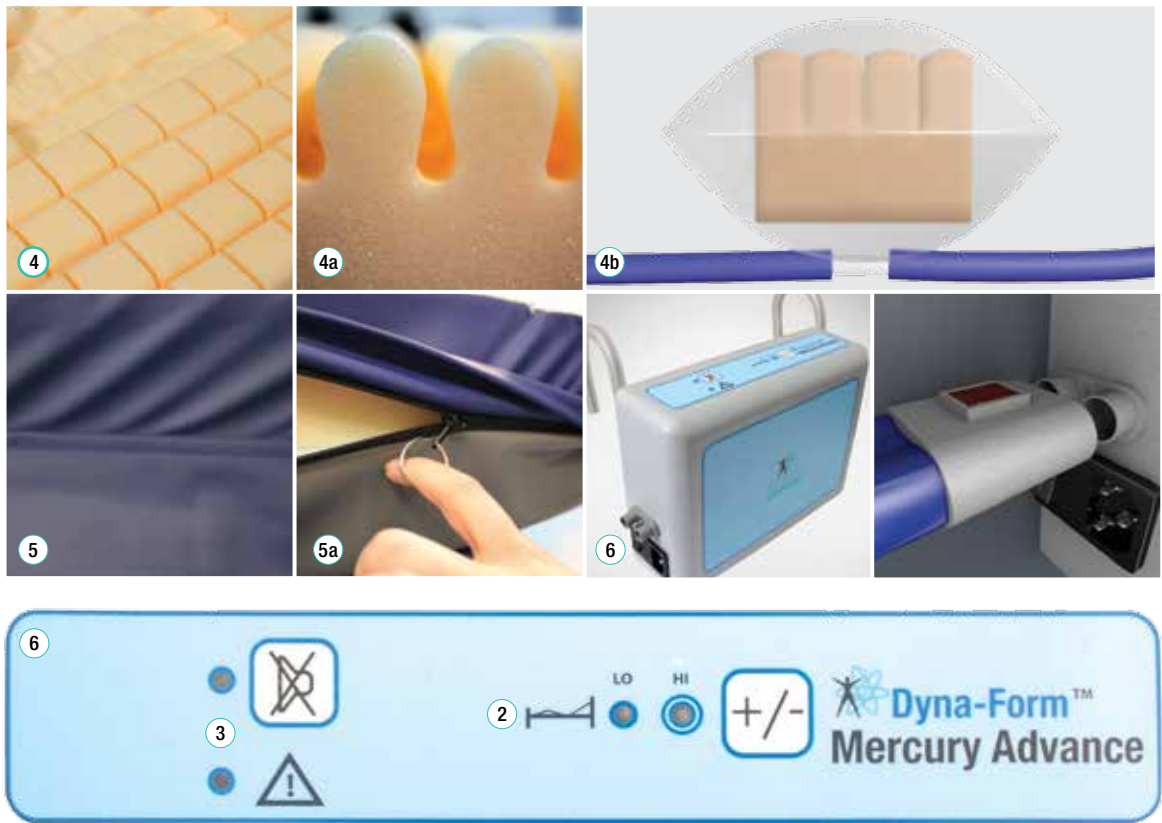
Product Code	CUSH/ADV/ALT/46/46/10
Risk Category	High / Very High Risk
Weight Limit	No minimum weight limit. Product evaluated to 24 stone / 152Kg capacity
Warranty	2 Years
Dimensions	(Length) 46cm x (Width) 46cm x (Height) 10cm (18" x 18" x 4") Variable sizes available upon request
Product Weight	1.3Kg Cushion / 1.7Kg Power Unit
Cycle Time	10 minutes
Mode of Operation	Electronic
Voltage	220V – 240V / 50HZ
Power Consumption	10W

Infection Control / Hypochlorite Solution Compatible

Mattress Cover / Power Unit to be wiped down with Hypochlorite solution and warm water appropriately diluted.

The **Dyna-Pad Mercury Advance Alternating Cushion** is a “**High / Very High Risk**” dynamic replacement seating system, combined with the benefits of modern foam technology. Offering high levels of patient comfort, this unique system has the facility to “step up” to that of a dynamic cushion when clinically required. Similarly, the cushion’s function can be downgraded as the patient’s condition improves. A higher maximum weight capacity, up to 24 stone / 152kg, allows the product to meet the modern challenges of those heavier clients.

The outer cover comprising a high frequency welded, multi stretch and vapour permeable fabric satisfies the strictest infection control policies. Designed using the latest medical grade cell technology to create greater postural management and pressure relief, this product is specifically made for users considered to be at “**High / Very High Risk**” of pressure ulcer development and those with minor postural issues.



Features

Benefits

- | | |
|--|--|
| ① Combined foam and dynamic cushion technology | Provides the ability to upgrade/downgrade to that of patient clinical requirements |
| ② Pressure selection mode | Providing ultimate patient comfort, without affecting care procedures |
| Professor led documentation available | Clinically proven foam cushion |
| ③ LED alarm | Flashing indicators alert carers of low cell pressures/failure |
| ④ Foam cell technology within a cycle of operation
4a: Close up shot of CMHR foam castellations within the cell
4b: Ability to change every individual cell, providing excellent cost management opportunities | |
| ⑤ Minimal weld design with protective zip flap cover, thus preventing ingress or harbouring of skin flora and other bacteria
5a: "Ring Pull" zip design to aid arthritic hands or other disabilities | |
| ⑥ Modern design power unit comes complete with a multitude of functions including: Automatic pressure setting / comfort selection mode, CPR / Static mode functions, Low / High pressure LED and audible alarm functions, Illuminating On / Off switch | |



Dyna-Form[®] Air Plus

I **II** **III** **IV**
Clinical Application / PU Grading

Technical Specifications

Product Code	MAT/PLUS/200/85/16
Risk Category	High Risk
Weight Limit	No minimum weight limit is required Maximum – 25 stone / 159kg
Warranty	2 Years
Dimensions	Standard Size (Length) 200cm x (Width) 85cm x (Height) 16cm
Product Weight	5.6kg mattress / 2.5kg power unit
Cycle Time	10 minutes
Mode of Operation	Micro Processor pneumatic switch
Voltage	230V / 50HZ
Power Consumption	20W

Infection Control / Hypochlorite Solution Compatible
Mattress Cover / Power Unit to be wiped down with Hypochlorite solution and warm water, appropriately diluted.

The **Dyna-Form Air Plus** mattress is a High Risk dynamic mattress replacement system. Complete with an automatic pressure adjustment system for patients up to and including 25 stone / 159kg, this system is particularly at home on the ward, homecare or residential environment. The side formers, which are constantly inflated throughout operation, provide ultimate stability for the patient and carer at time of transfer. With a cycle time of ten minutes, the utmost consideration towards pressure ulcer management is achieved, minimising patient nausea.

Unlike many mattress systems, the Dyna-Form Air Plus power unit has been proven in a laboratory environment to be “ultra quiet” for maximum patient tranquillity. Complete with a user friendly system, a single button is used to function the mattress for comfort, static and alternating cycles. These are highlighted in the simplest form by use of a diagrammatic display. The mattress cover comprising of high frequency welded, multi stretch, and vapour permeable fabric adheres to the strictest infection control policies.



Features

Benefits

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|---|--|---|
| ① | Automatic pressure adjustment unit | Provides auto adjustment for patients up to 25 stone / 159kg |
| ② | Static side formers | Maintains maximum patient stability at point of patient transfer |
| | Transport / Auto Static Mode | Automatic closing CPC connectors / Automatically returns to alternating cycle after 2 hours |
| | Comfort setting | For use with hypersensitive clients and to achieve maximum patient comfort |
| ③ | Choice of foam underlay | Provides general, secondary pressure care, giving peace of mind to carer |
| ④ | Full length securing straps | Ensures safe use for both patient and carer |
| | Easy use power unit | Single button operation avoids complex training whilst also providing ease of cleaning |
| | LED / Audible alarm | Dual indicators alert carers of all functions |
| ⑤ | Specialist design CPR valve | Allows rapid deflation within 15 seconds, designed for carers with arthritic hands |
| ⑥ | Solenoid valves | Auto shut off device, ensures mattress stays inflated if power failure occurs |
| ⑦ | Large CPR valve design for rapid deflation and ease of use with arthritic hands | |
| ⑧ | Choice of foam support mattress | |
| ⑨ | Unique side wall construction maintains patient stability at point of transfer | |
| ⑩ | Toggle design cell for easy replacement, decontamination and service procedures | |
| ⑪ | Modern pump design comes with a single button operation, providing the following modes of application:
Static Mode, Dynamic Mode, Comfort Mode, Static Comfort Mode | |



Dyna-Form® **Air Pro-Plus**


 Clinical Application / PU Grading

Technical Specifications

Product Code	MAT/PROPLUS/200/85/16
Risk Category	High / Very High Risk
Weight Limit	No minimum weight limit is required in Soft mode. Maximum – 28 stone / 178kg
Warranty	2 Years
Dimensions	Standard Size (Length) 200cm x (Width) 85cm x (Height) 16cm
Product Weight	5.6kg mattress / 3.4kg power unit
Cycle Time	10 minutes
Cycle Control	Timer switch
Voltage	220V – 240V / 50HZ (0.2A)
Power Consumption	50W

Infection Control / Hypochlorite Solution Compatible
 Mattress Cover / Power Unit to be wiped down with Hypochlorite solution and warm water, appropriately diluted.

The **Dyna-Form Air Pro-Plus** mattress is part of the latest developed, dynamic mattress replacement systems available from DHS. This modern technology actually comes equipped with a true fault diagnostic system. The sleek pump design provides ease of use to any carer, whilst removing the “risk” of inappropriately selecting the wrong pressure setting. It’s pressure adjustment system, deemed suitable for patients up to and including 28 stone / 178kg and that of **High / Very High Risk** of pressure ulcer development, ensures that this product is suited to that of any health or homecare environment.

The side formers, which remain constantly inflated throughout operation, provide ultimate stability for the patient and carer at time of transfer. With a reliable cycle time of ten minutes, the utmost consideration towards pressure ulcer management is achieved, therefore minimising patient nausea. Dyna-Form Air Pro-Plus power unit is proven to be one of the quietest systems in its class, for maximum patient tranquillity. The Dartex mattress cover, comprising of the best quality, high frequency welded, multi stretch, and vapour permeable fabric adheres to the strictest infection control policies.



Features

Benefits

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|---|--|
| <p>① Automatic unit</p> <p>Fault diagnosis system</p> <p>Sleek modern pump design</p> | <p>Provides adjustment for patients up to 28 stone / 178kg</p> <p>Ensures rapid response to potential fault detection (telephone or otherwise)</p> <p>Fits sympathetically into most healthcare environments</p> |
| <p>② Static side formers</p> <p>Transport and Static Modes</p> | <p>Maintains stability at the point of patient transfer and are useful for patient evacuation</p> <p>Automatically returning to alternating cycle after a short, but adequate period</p> |
| <p>③ Comfort settings</p> <p>Choice of foam underlay</p> | <p>For use with hypersensitive clients and to achieve maximum patient comfort</p> <p>Provides general, secondary pressure care, giving peace of mind to carer</p> |
| <p>④ Full length securing straps</p> <p>Easy to use power unit</p> | <p>Ensures safe use for both patient and carer</p> <p>Single button operation avoids complex training whilst also providing ease of cleaning</p> |
| <p>⑤ LED / Audible alarm</p> | <p>Dual indicators alert carers of all functions</p> |
| <p>⑥ Choice of foam support mattress</p> | |
| <p>⑦ Deflatable side walls for challenging patient transfers</p> | |
| <p>⑧ Large CPR handle design for rapid deflation and ease of use with arthritic hands</p> | |
| <p>⑨ Toggle design cell for easy replacement, decontamination and service procedures</p> <p>High frequency welded, multi-stretch, vapour permeable Dartex® cover</p> | |
| <p>⑩ Modern pump design comes with a variety of specialist functions and operations, providing the following modes of application: Static and Dynamic Modes, Soft Mode, Medium Mode, Firm Mode, Fault diagnosis function, Lock out function, Power On / Off</p> | |



Very High Risk



Dyna-Form[®] Air Sure

I **II** **III** **IV**
Clinical Application / PU Grading

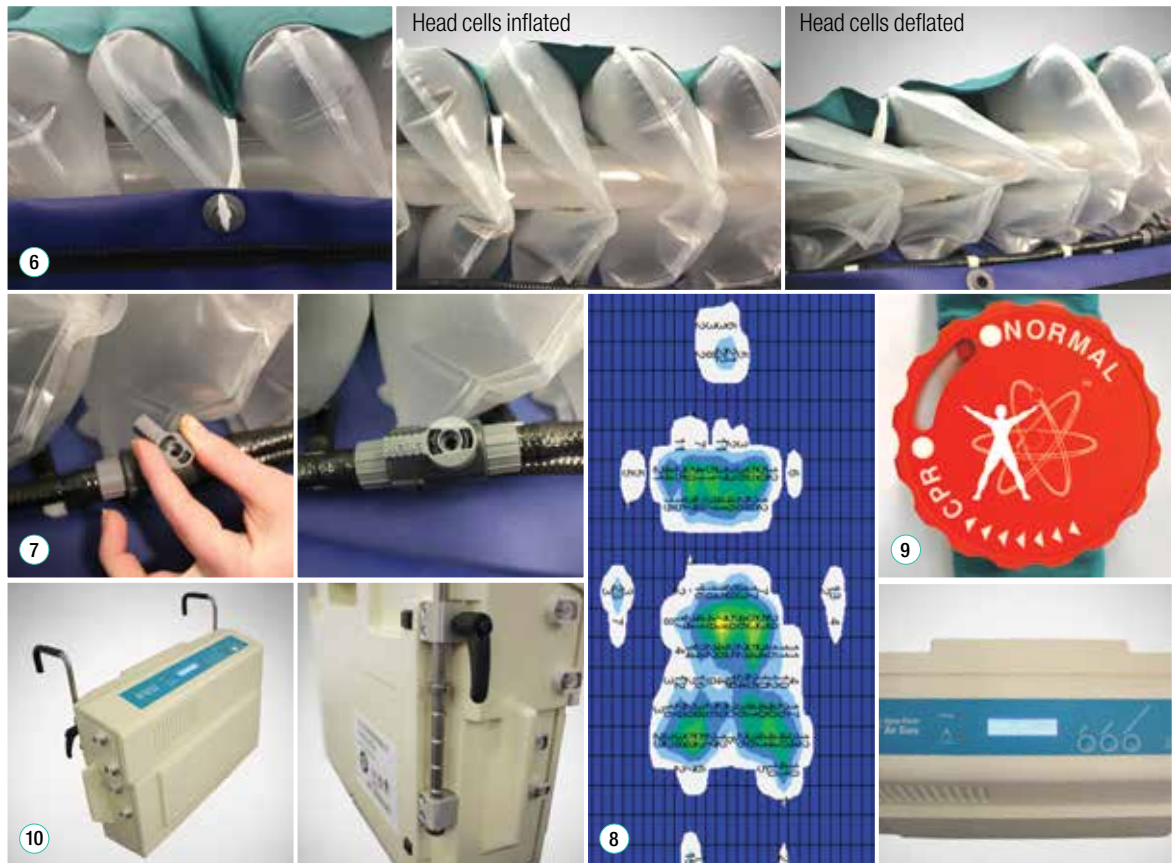
Technical Specifications

Product Code	MAT/SURE/200/85/25
Risk Category	Very High Risk
Weight Limit	No minimum weight limit is required Maximum – 40 stone / 254kg
Warranty	2 Years
Dimensions	Standard size (Length) 200cm x (Width) 85cm x (Height) 25cm
Product Weight	11kg mattress / 7.7kg power unit
Cycle Time	15 minutes
Cycle Control	Micro processor pneumatic switch
Voltage	230V / 50HZ
Power Consumption	50W

Infection Control / Hypochlorite Solution Compatible
Mattress Cover / Power Unit to be wiped down with Hypochlorite solution and warm water, appropriately diluted.

The **Dyna-Form Air Sure** mattress is a **Very High Risk** dynamic mattress replacement system. This unit meets the requirements of larger patients with a 40 stone / 254kg weight limit as standard. A unique feature to deflate the head cells for prone nursing positions is something not offered by other mattress manufacturers. With almost complete pressure elimination on each area of the body for 20% of the cycle Air Sure offers the uppermost consideration towards pressure ulcer management. It's display panel ensures user friendly application and safe operation.

The new patented mattress cell construction allows for usage on the most challenging patient demographics. An easy use CPR function provides rapid deflation inside 30 seconds. At ease within any ward or within any care environment, the Dyna-Form Air Sure assists with the modern challenges of pressure area patient care. An outer cover comprising of high frequency welded, multi stretch, and vapour permeable fabric adheres to the strictest infection control policies.



Features

Benefits

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| ① Deep mattress cell construction | Provides Very High Risk pressure care for patients up to 40 stone / 254kg |
| ② Fixed head cells | Maintaining head and shoulder stability |
| ③ Static mode / Maximum static Inflation | For rapid transfer or cleaning procedures |
| Firm / Medium or Soft selection mode | Providing ultimate patient comfort, without affecting care procedures |
| Complete air extraction facility | For speed of set up / storage |
| Operating hours counter | For documentation purposes |
| ④ Full length securing straps | Ensures safe use for both patient and carer |
| Easy use power unit | Avoids complex training whilst also providing ease of cleaning |
| LED / Audible alarm | Dual indicators alert carers of all functions |
| ⑤ Specialist design CPR valve | Allows rapid deflation within 30 seconds, designed for carers with arthritic hands |
| ⑥ Patented head cells can be easily deflated for complex prone (i.e face down) nursing procedures | |
| ⑦ Easy operation valves, providing rapid deflation for head cells (see fig 6) without effecting the remaining system cycle | |
| ⑧ Latest pressure mapping device, highlighting system in mid cycle, substantiating almost complete pressure elimination | |
| ⑨ Large CPR valve design for rapid deflation and ease of use with arthritic hands | |
| ⑩ 10 Modern design power unit comes complete with a multitude of functions including:
Adjustable height securing arms, Comfort selection mode, Air extraction facility, Audible alarm / LED system, Operating hours counter | |



Dyna-Form® **Air Suresse**

I
II
III
IV
 Clinical Application / PU Grading

Technical Specifications

Product Code	MAT/SURESSE/200/85/25
Risk Category	Very High Risk
Weight Limit	No minimum weight limit is required in Soft mode. Maximum – 40 stone / 254kg
Warranty	2 Years
Dimensions	Standard size (Length) 200cm x (Width) 85cm x (Height) 25cm
Product Weight	11kg mattress / 4.4kg power unit
Cycle Time	12 minutes
Cycle Control	Timer switch
Voltage	220V – 240V / 50HZ (0.2A)
Power Consumption	50W

Infection Control / Hypochlorite Solution Compatible
 Mattress Cover / Power Unit to be wiped down with Hypochlorite solution and warm water, appropriately diluted.

The **Dyna-Form Air Suresse** mattress is the latest high dependency, dynamic mattress replacement system within the DHS range of products. This product is manufactured with a dual compressor system, allowing suitable application to those much larger, complex patients and a 40 stone / 254kg weight limit as standard. This modern pump technology also comes equipped with a true fault diagnostic system, providing potential, rapid minor problem diagnosis and therefore real peace of mind.

The “Soft to Firm” selection functions allow true patient comfort, from the light weight, hypersensitive, to those heavier patients, up to and including and that of Very High Risk of pressure ulcer development and existing damage. This new and unique hinged mattress cell construction provides small and deeper cell designs for the heel and sacral areas, allowing for use on the most challenging patient circumstances and most healthcare beds. At ease within any high dependency ward to that of a homecare setting, this multi disciplinary system assists with the modern challenges of pressure area patient care at the highest level.



Features

Benefits

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|---|--|
| <p>① Deep mattress cell construction</p> <p>Fault diagnosis system</p> <p>Sleek modern pump design</p> | <p>Provides Very High Risk pressure care for patients up to 40 stone / 254kg</p> <p>Ensures rapid response to potential fault detection (telephone or otherwise)</p> <p>Fits sympathetically into most healthcare environments</p> |
| <p>② Fixed head cells</p> | <p>Maintaining head and shoulder stability</p> |
| <p>③ Smaller cell designs</p> <p>Static mode / Maximum static Inflation</p> | <p>For those difficult to manage “heel areas”</p> <p>For rapid transfer, clinical or cleaning procedures</p> |
| <p>④ Firm / Medium or Soft selection mode</p> <p>Complete air extraction facility</p> | <p>Providing ultimate patient comfort, without affecting care procedures</p> <p>For speed of set up / storage</p> |
| <p>⑤ Full length securing straps</p> <p>Easy use, sleek power unit</p> | <p>Ensures safe use for both patient and carer</p> <p>Avoids complex training whilst also providing ease of cleaning</p> |
| <p>⑥ LED / Audible alarm</p> <p>CPR tag and handle (head and foot end)</p> | <p>Dual indicators alert carers of all functions</p> <p>Allows rapid deflation within 30 seconds, designed for carers with arthritic hands</p> |
| <p>⑦ Large CPR tag and handle for rapid deflation and ease of use with arthritic hands</p> | |
| <p>⑧ Specialist hinged mattress for use on most electronic profiling bed frames</p> | |
| <p>⑨ Large secondary CPR and transportation handle for rapid deflation and ease of use with arthritic hands</p> | |
| <p>⑩ Dual coated Dartex fabric, with specially developed hinged infection control cover</p> | |
| <p>⑪ Modern pump design comes with a variety of specialist functions and operations, providing the following modes of application: Static and Dynamic Modes, Soft Mode, Medium Mode, Firm Mode, Fault diagnosis function, Lock out function, Power On / Off</p> | |



Very High Risk



Dyna-Form[®] Air Bari

I **II** **III** **IV**
Clinical Application / PU Grading

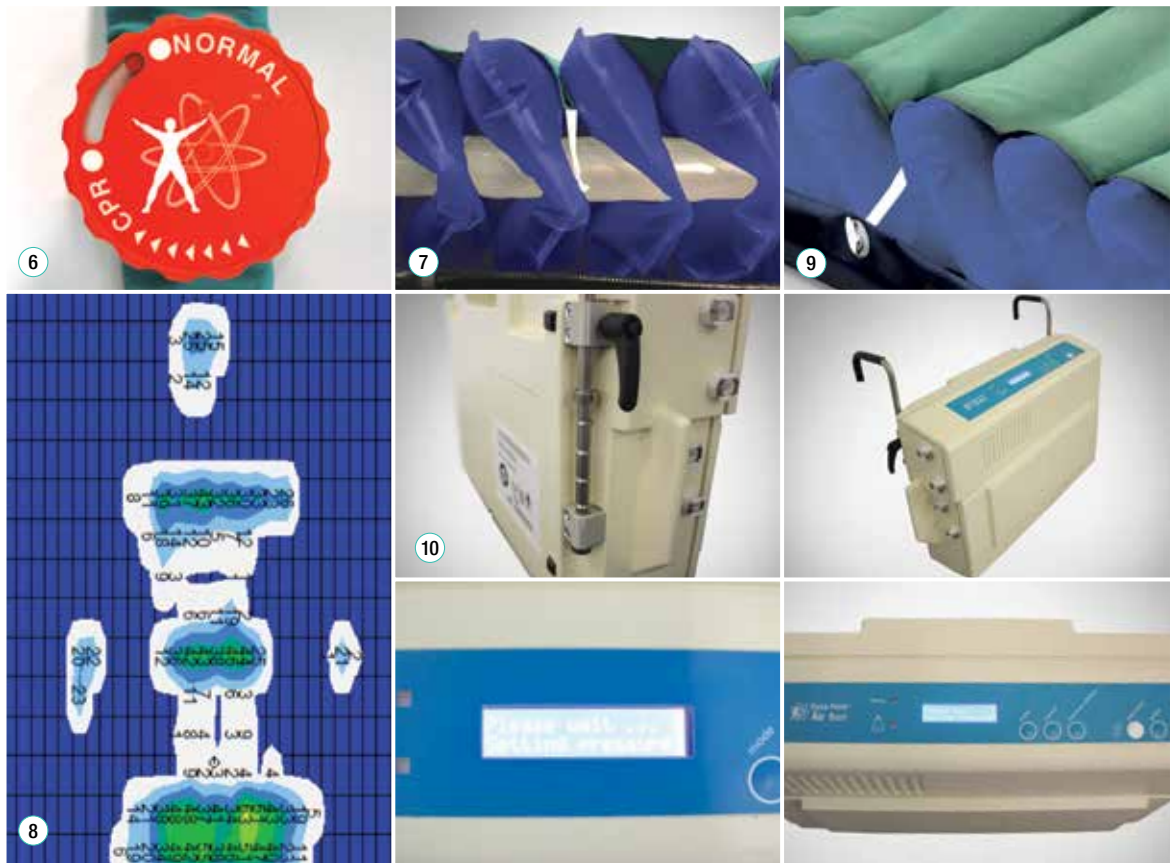
Technical Specifications

Product Code	MAT/BARI/200/120/25
Risk Category	Very High Risk
Weight Limit	No minimum weight limit is required Maximum – 63 stone / 400kg
Warranty	2 Years
Dimensions	Standard Size (Length) 200cm x (Width) 120cm x (Height) 25cm
Product Weight	11kg mattress / 7.7kg power unit
Cycle Time	15 minutes
Cycle Control	Micro processor pneumatic switch
Voltage	230V / 50HZ
Power Consumption	50W

Infection Control / Hypochlorite Solution Compatible
Mattress Cover / Power Unit to be wiped down with Hypochlorite solution and warm water, appropriately diluted.

The **Dyna-Form Air Bari** mattress is a Very High Risk dynamic mattress replacement system, specially designed to meet the needs of bariatric patient groups up to and including patients of 63 stone / 400kg. The unique alternating pressure mode allows almost complete pressure elimination (see figure 8). Within the Static Comfort Mode, patients can rest as comfortably as with some recognised Low Air Loss systems. The display panel ensures user friendly application and safe operation. Our new patented mattress cell construction allows for usage on the most challenging patient demographics.

This mattress also comes with three unique, fixed head cells which maintain head and shoulder stability. An easy use CPR function provides rapid deflation inside 30 seconds. At home on the ward or within any care environment, the Dyna-Form Air Bari assists with the modern challenges of bariatric patient care. With a cycle time of 15 minutes, consideration towards larger patient care has ultimately been achieved within it's design. An outer cover comprising of high frequency welded, multi stretch, and vapour permeable fabric adheres to the strictest infection control policies.



Features

Benefits

- | | |
|--|--|
| ① Deep mattress cell construction | Provides Very High Risk pressure care for patients up to 63 stone / 400kg |
| ② Fixed head cells | Maintaining head and shoulder stability |
| ③ Static mode / Maximum static | Inflation For rapid transfer or cleaning procedures |
| Firm / Medium or Soft selection mode | Providing ultimate patient comfort, without affecting care procedures |
| Complete air extraction facility | For speed of set up / storage |
| Operating hours counter | For documentation purposes |
| ④ Full length securing straps | Ensures safe use for both patient and carer |
| Easy use power unit | Avoids complex training whilst also providing ease of cleaning |
| LED / Audible alarm | Dual indicators alert carers of all functions |
| ⑤ Specialist design CPR valve | Allows rapid deflation within 30 seconds, designed for carers with arthritic hands |
| ⑥ Large CPR valve design for rapid deflation and ease of use with arthritic hands | |
| ⑦ Unique, patented large cell design with easy removable tubular structure | |
| ⑧ Latest pressure mapping device, highlighting system in mid cycle, substantiating almost complete pressure elimination | |
| ⑨ Inner cover design re-reinforces stability of cell system with larger patient groups. Also provides a secondary infection control barrier in conjunction with high frequency welded outer cover | |
| ⑩ Modern design power unit comes complete with a multitude of functions including: Adjustable height securing arms, Comfort selection mode, Air extraction facility, Audible alarm / LED system, Operating hours counter | |



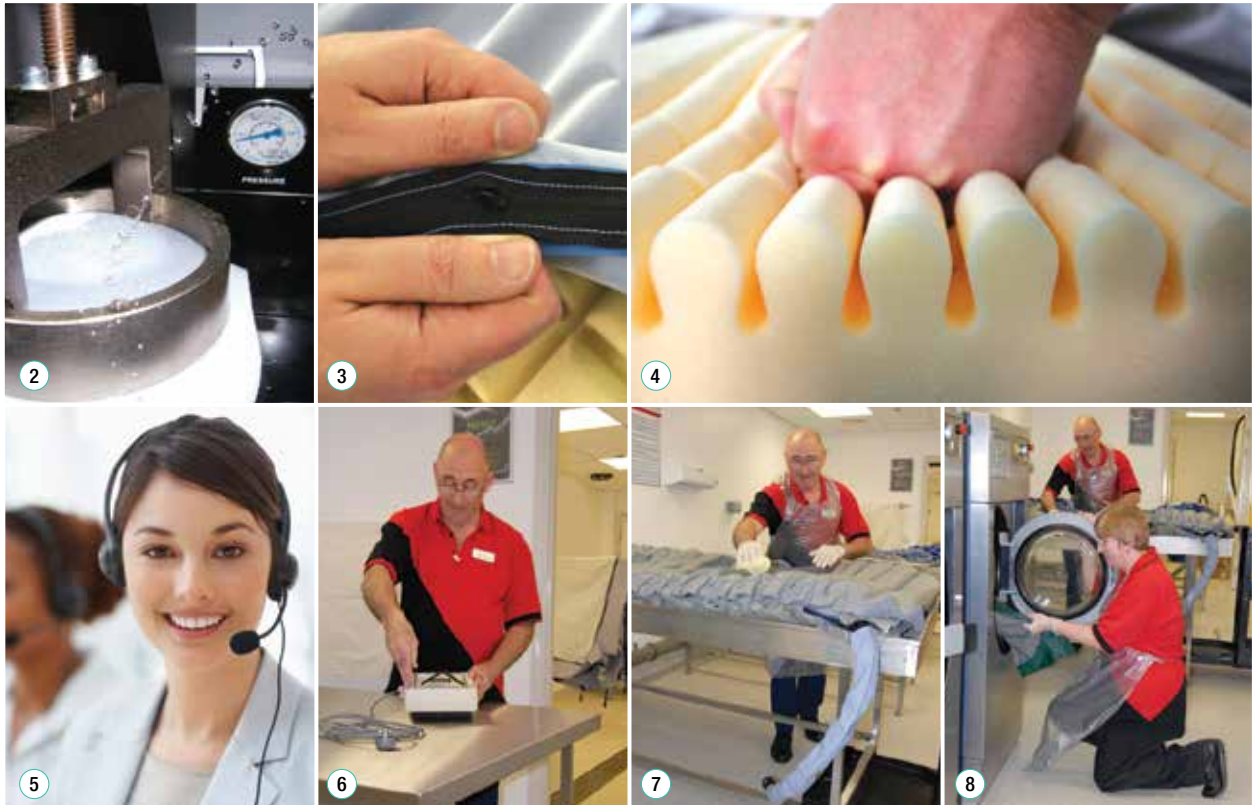
Direct Healthcare Services offer a wealth of experience in the manufacturing and supply of specialist pressure area care products.

As a result of the Clinical and Design teams' knowledge and expertise, we have the required skill levels and understanding to offer a quality equipment audit function. With specific experience in auditing pressure care foam mattresses within large NHS Trusts, our Audit Teams have conducted professional evaluations on tens of thousands of pieces of equipment.

With raised infection control awareness and concerns over patient safety, it's crucial to offer peace of mind to all management and nursing staff, in order to provide a safe standard of equipment used to support the whole caring function. Equipment audits, particularly those involving patients still within the immediate vicinity of the products requiring full evaluation, need to be treated with sensitivity.

There has to be an area of discretion when identifying potentially "failed or faulty" equipment within close proximity of patients under care. Our teams are professionally trained to deal with this and apply a verbal coding system when conducting the audit process. This allows only the trained staff (and of course NHS staff or others briefed in our techniques) to be aware of the exact status of equipment.

- ① Professional audit teams with a vast amount of experience
- ② Hydrostatic head tests examine the pressures in which mattress fabrics may leak, both prior to manufacture and indeed post audit
- ③ Strict inspection criteria on all types of mattress to ensure durability
- ④ "Mount Vernon" fist test – evaluates potential patient bottoming or defective foam at point of audit



Direct Healthcare Service solutions provide total peace of mind when you need it most – 24 hours a day. With centres throughout the UK, we have the ability to get to you fast.

Whether its a mattress rental, decontamination procedure or a more complex requirement towards your entire hospital or homecare service needs, our units are equipped to cope with the most complex engineering tasks quickly and efficiently.

- ⑤ Customer service response team
- ⑥ Fully trained engineers (nationwide) for all service requirements – on call 24 hours a day
- ⑦ Complete mattress decontamination process, with strict infection control protocols
- ⑧ High tech industrial washing services





With over 28 years experience in the provision of clinically proven, value for money solutions, you can be sure that our combination of innovative technologies, designed in partnership with leading clinical healthcare establishments, meet the needs of most patient groups, including our increasingly elderly population.

Our specialist teams are dedicated to serving your needs by continually striving to provide excellent customer support through a personalised one-on-one service. Whether you need a full hospital installation or a single item, you can be sure that by putting your trust in us – we will 'Deliver the Promise'.



Direct Healthcare
SerVICES

Delivering the Promise

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Although Direct Healthcare Services Ltd will endeavour to provide the exact specification as printed, we reserve the right to change specification without prior notice. All equipment and information within this brochure, should be used in conjunction with appropriate clinical judgement and nursing procedures.

All products manufactured to standards:

