



DIAMOND

ACTIVE MATTRESS REPLACEMENT SYSTEM

The Diamond active mattress replacement support surface is designed to provide comfort and support for users with high to very high risk of pressure ulcers.

The Diamond mattress uses stacked cell technology to form compact cells with 58 cells in two independent layers. The lower cells provide a static, continuous level of support with a selectable 10 stage comfort range. There are 5 static cells on the top section to form a pillow. The "1 in 2" alternating cycle sequence every 10 minutes and can be set to 15, 20 or 25 minute intervals.

The Diamond mattress pump technology offers 2 key functions timed out static mode and auto firm mode.

The Diamond Active Mattress system is suitable to use with 3ft profiling beds.

To find out more call us today on 01606 593 456 or email us at info@renrayhealthcare.com

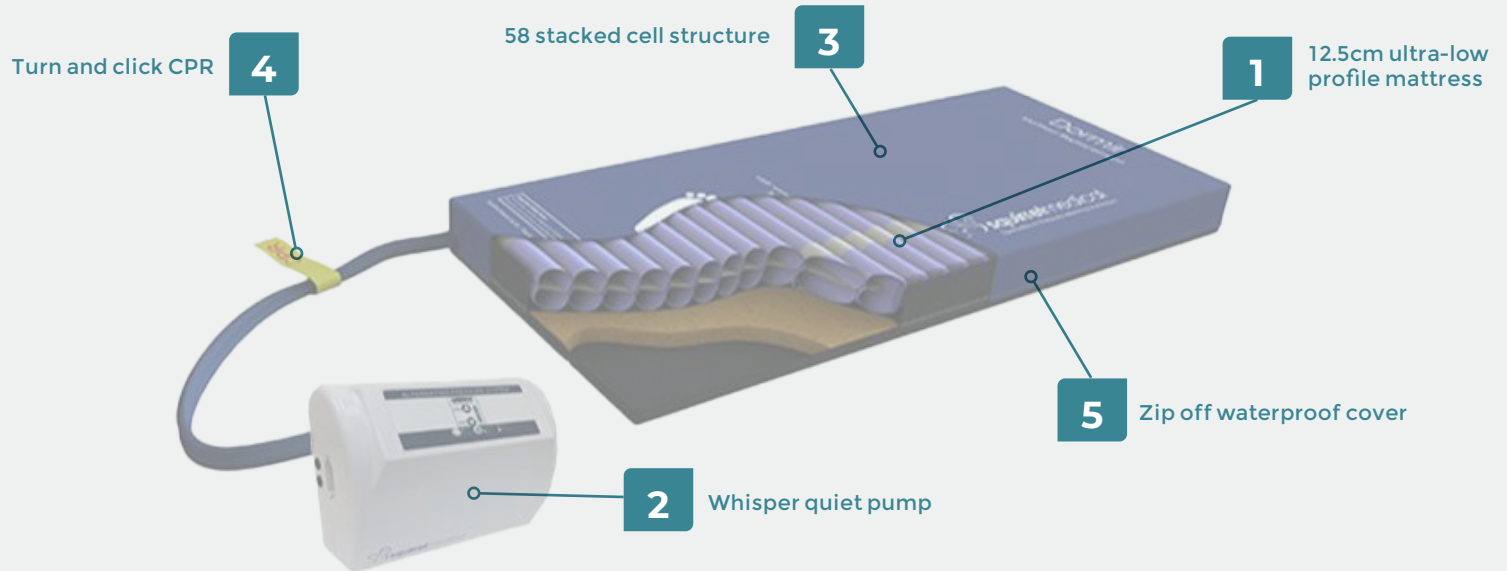
DIMENSIONS

Product Code	DIA090200
Mattress Length:	1985mm
Mattress Width:	880mm
Mattress Depth:	125mm
Cells:	58
Ventilated cells:	19
Static cells at head:	5
Cell alternation:	1 in 2 = options 10,15,20,25 min cycle time
Sub cell foam:	2.5cm visco elastic base layer
Mattress weight:	9kg
Minimum user weight:	50kg
Maximum user weight:	243kg
Risk factor:	High to very high risk*
Warranty Period	2 year

Renray Healthcare

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1. **"1 in 2" alternating cycle** sequence every 10 minutes and can be alternated to 15, 20, 25-minute intervals – tailored care plans for your users
2. **Whisper quiet pump:** includes easy to understand controls for, Therapy modes, 10 stage comfort setting, visible alarms and alarm mute. An automatic "Panel Lock" to prevent accidental changes to the settings. The pump has two sets of hooks that allow it to be fitted to most bed types.
3. **Stable Mattress Surface:** The 58 Stacked Cell structure provides a very stable mattress to improve in bed mobility and safe egress and transfers to wheel chairs. Leading to greater independence and fewer falls.
4. **CPR:** The enclosed mattress hose set is fitted with a CPR "Turn and Click" locking mechanism to prevent accidental removal and a manually operated CPR with high visibility pull tag.
5. **The "Zip-off" cover:** protects the upper surface of the mattress core and can be laundered between users, improving infection control and reducing lifetime costs. The tough water-proof, non-slip base encloses and protects the sides and underside of the core.

FEATURES AND BENEFITS

- **12.5cm ultra-low profile,** does not need side rail height extensions
- **Stacked cell technology,** giving the best possible pressure area care – enhanced user experience
- **Whisper quiet pump for tranquil bedrooms** – less intrusive to support patient sleep
- **Pressure area care at its best** - Diamond mattress depth of 12.5cm shows comparable pressure mapping to traditional deep cell mattresses
- **No side rail height extensions needed:** our patented approach to achieved a 12.5cm ultra-low profile mattress ensures compliance with IEC 60601-2-52 without the need for side rail height extensions.
- **The enclosed mattress hose set is fitted with a CPR "Turn and Click" locking mechanism** to prevent accidental removal and a manually operated CPR with high visibility pull tag - aids rapid deflation in emergencies.

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