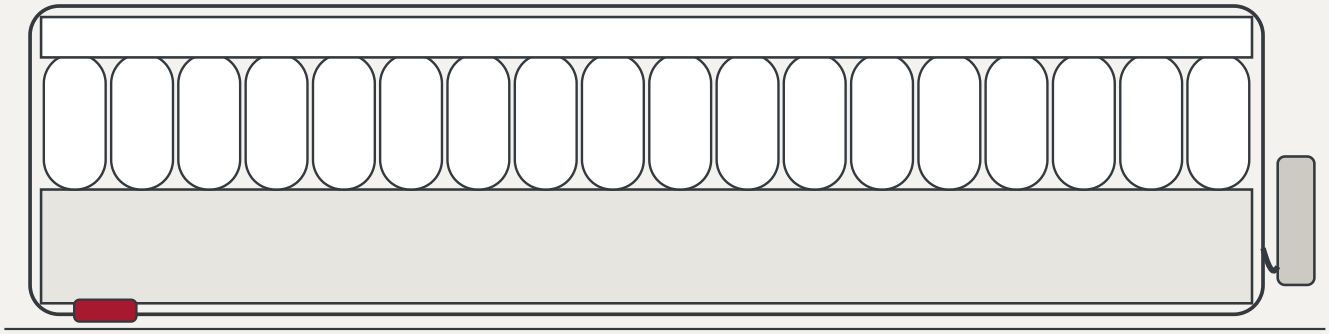
VAN ROON



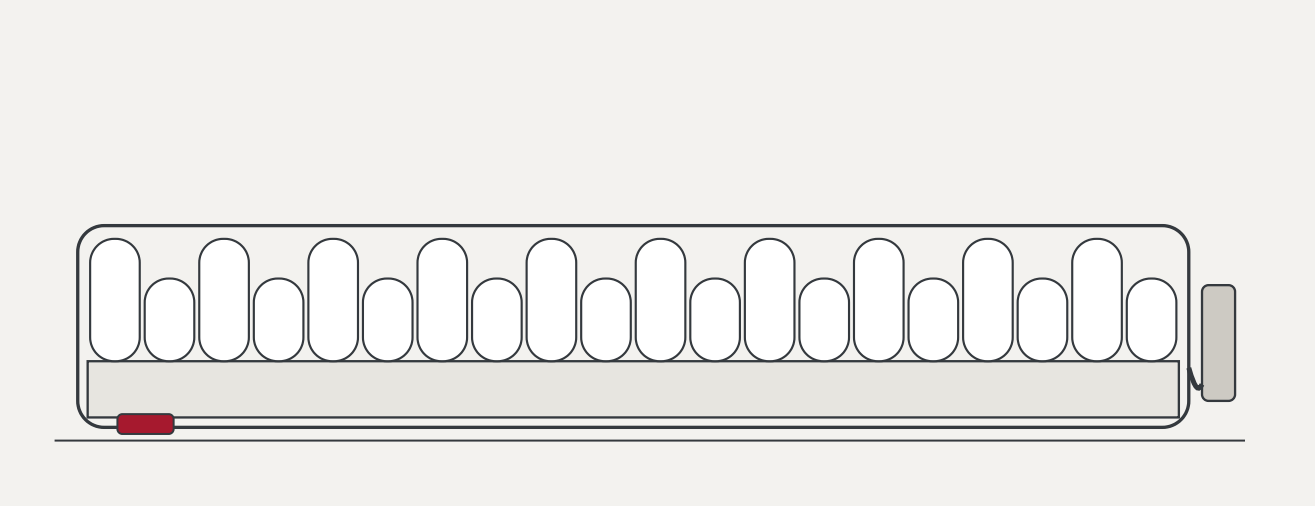
SUPPORT SURFACES

VR-A4 · VR-H2 · VR-F1

Mattresses for VR-series beds, from high-specification foam to active alternating pressure.

VERY HIGH RISK

VR-A4 active replacement mattress



The VR-A4 is an alternating-pressure replacement mattress for patients at very high risk of pressure ulcers, and for patients who already have one. Twenty cells inflate and deflate in two sets on a ten-minute cycle, over a 50 mm foam safety base that supports the patient if power is lost.

On a VR-7 or VR-7 XW, the mattress is controlled from the bed's footboard panel, and its alarms appear there. On other beds the pump hangs on the footboard and is used on its own.

Alternating and static modes

A ten-minute alternating cycle, a static mode for comfort or procedures, and a firm mode for transfers and nursing care.

Lateral rotation

Side cells turn the patient up to 20° each way on a programmed schedule, from the VR-7 panel only.

CPR valve

The red CPR valve at the head end deflates the mattress in under 15 seconds.

Transport mode

The mattress seals itself for up to 12 hours when the pump is disconnected.

Mattress

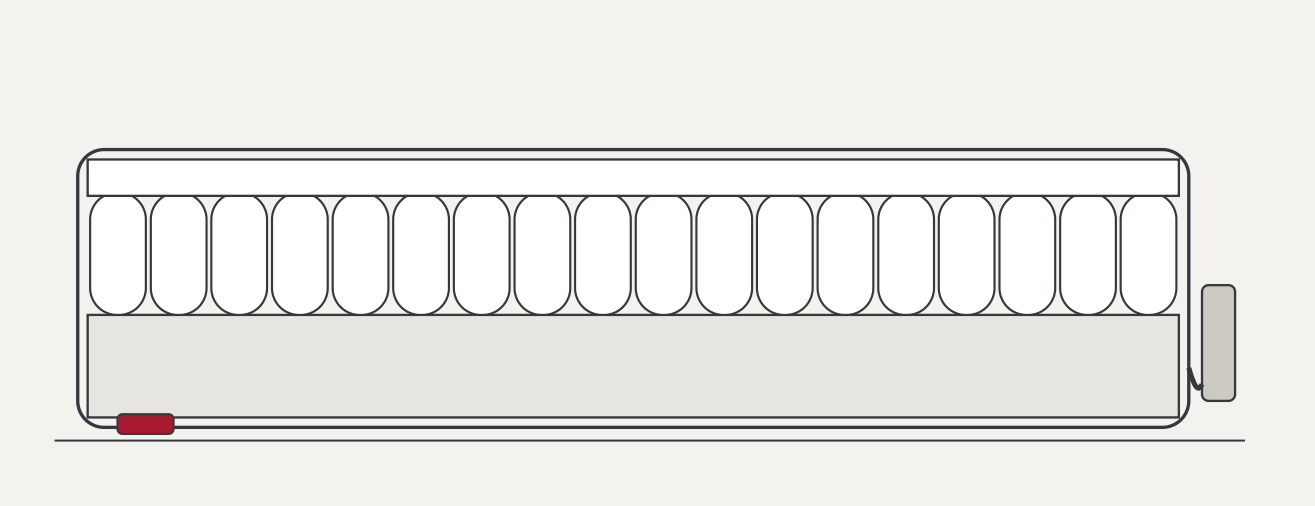
Dimensions	2,000 × 880 × 220 mm
Cells	20 transverse cells, 200 mm, in two sets; head cells static
Foam base	50 mm
Cover	Vapour-permeable, two-way stretch, welded seams
Maximum patient weight	250 kg

Pump

Supply	230 V AC, 50 Hz; 32 VA
Cycle	10 minutes
Noise	Under 28 dB(A) in night mode
Alarms	Power failure, low pressure, service due

HIGH RISK

VR-H2 hybrid mattress



The VR-H2 works as a static foam mattress until it is needed as an active one. A 75 mm layer of shaped foam sits over 18 air cells. Without a pump the cells act as a static air layer; when the VR-A4 pump is connected they alternate.

Wards can buy one mattress for every bed and keep a smaller number of pumps for patients whose risk rises, with no need to move the patient onto a new mattress.

Static without power

Self-adjusting static air cells under the foam; no pump needed.

Active with the pump

Connect the VR-A4 pump and the cells alternate on a ten-minute cycle.

Heel zone

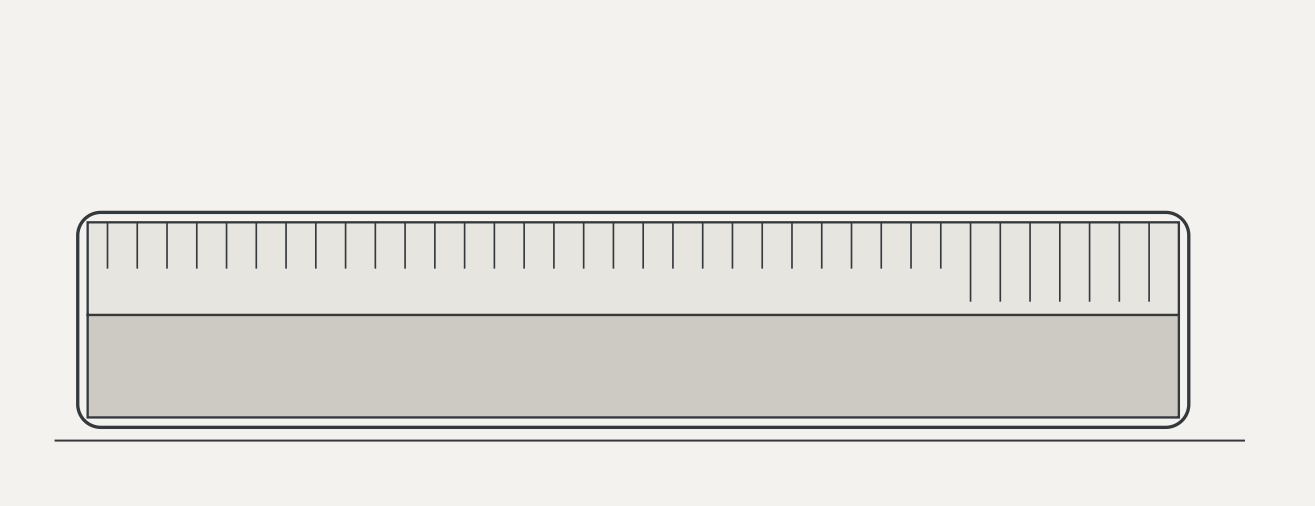
The last four cells are set lower to reduce pressure on the heels.

Mattress

Dimensions	2,000 × 860 × 180 mm
Foam layer	75 mm, shaped
Cells	18 transverse cells
Maximum patient weight	230 kg

UP TO HIGH RISK

VR-F1 high-specification foam mattress



The VR-F1 is the standard mattress for VR-series beds. It has a castellated top layer of high-resilience foam over a firmer base, with a softer zone under the heels.

Its cover is welded, not stitched, and has a zip on three sides guarded by a flap so that fluid cannot reach the foam.

Castellated top layer

Cut cells move independently to spread the patient's weight.

Heel zone

The last 400 mm of the top layer is cut deeper.

Profiles with the bed

Cut on its underside to follow the four sections of VR-series platforms.

Mattress

Dimensions	2,000 × 880 × 150 mm (also 860 and 1,000 mm wide)
Foam	High-resilience top layer, 40 kg/m³; base 38 kg/m³
Maximum patient weight	200 kg
Fire performance	Meets the ignition requirements for healthcare mattresses

CHOOSING A SURFACE

Which mattress for which patient

Patient at risk	Surface	On beds
Up to high risk	VR-F1	All VR-series beds
High risk, rising	VR-H2, with the pump when needed	VR-5, VR-7
Very high risk, or existing pressure ulcer	VR-A4	VR-7, VR-7 XW; other beds with the pump

The choice of surface is a clinical decision based on the patient's assessed risk. This table is a guide only.

Van Roon Medical UK Ltd

Unit 3, Tarnfield Way, Morley, Leeds LS27 0YT
Switchboard 0113 496 0372 · sales@vanroon.uk

Manufacturer: Van Roon Medische Techniek B.V., Leiden. VRM-BR-0090-UK, 27 February 2023.