

OPTICELL AIR1



Hybrid mattress
pressure ulcer
category 3

TruePressure
high comfort
and extra low
pressure

Intergrated
cells distributes
air

OptiTex™ cover
with excellent
features

*A silent hybrid mattress with integrated air cells,
hygiene cover and interchangeable air cells.*

OPTICELL AIR1

Air1 with TruePressure is a new type of hybrid mattress designed to meet the stringent demands of healthcare and the needs of the patient

Its interconnected air cells distribute the air pressure over the mattress providing both high comfort and extra low back pressure*. We call this TruePressure.

The mattress has been designed using carefully selected components to provide the conditions for immersion and envelopment. Two factors that research has shown to be of great importance for effective and even pressure relief:**

OptiTex™ cover

GOOD HYGENIC CONTROL – The OptiTex™ cover can be cleaned with disinfectant and can also be machine washed at 95oC. The cells and hoses can be rinsed clean with warm water (max 70oC) or with disinfectant.
DRIP PROTECTION WATERPROOF ZIP on four sides. All seams are welded.
THE UNDERSIDE BOTTOM COVER HAS ANTI-GLIDE PROTECTION with four fixing straps.
FOUR HANDLES to facilitate handling of the mattress.

Foam configuration

WATERLILY FOAM – A high-quality foam with a low environmental impact.
HYPERSOFT FOAM – A really soft foam that moulds to the body.
 Together, these foams facilitate immersion and envelopment while achieving a high level of comfort

HEEL RELIEF

The mattress is fitted with a relief system with an integrated airlock that enables the easy disconnection of cells. OptiCell Air1 has got documented extra low pressure (42/44 mm/Hg)

Pressure values, Air1 hybrid mattress			
Raised mattress	Large impression body, 300 N	Large impression body, 600 N	Small impression bod, y40 N
20 cm	26	45	42
18 cm	26	47	44

Reference values				
Impression body	Extra low	Low	Medium	High
Large impression body 300 N	< 30,0	30,0-34,9	35,0-39,9	40,0-44,9
Large impression body 600 N	< 45,0	45,0-52,9	53,0-60,9	61,0-68,9
Small impression body 40 N	<45,0	45,0-52,9	53,0-60,9	61,0-68,9

* RISE Research Institutes of Sweden O100560-1129023

** What is new in our understanding of pressure injuries, Amit Gefen and Esa Soppi 2020.

*** Categories defined by the International Pressure Ulcer Classification system. Guidelines produced by the European and US National Pressure Ulcer Advisory Panels (EPUAP and NPUAP), together with the Pan Pacific Pressure Injury Alliance (PPPIA).

Product specifications

STANDARD SIZES 200/210/220 x 80/85/90/105/120 cm. OptiCell Air1 comes in different mattress heights and maximum loads. See table with data for each model. For other sizes please contact Järven Health Care.

PRESSURE ULCER CATEGORY 1- 3***

CELLS Our unique replaceable SweCells™ are made of TPU (Thermoplastic Polyurethane) and are softer than traditional PU cells. This means that they mould more easily to the body with less rustling noise.

COVER made of bi-elastic double-coated textile with soft elastic PU.

WARRANTY 2 years for manufacturing defects.

FIRE STANDARD SS 876 00 01, EN 597-1 & 2.

PATIENT WEIGHT OptiCell Air1 comes in different mattress heights and maximum loads. See table with data for each model.

RECYCLING consult user manual

WEIGHT see table below

LABELLING year of manufacture, month, week, EAN, care instructions, standard compliance and placement on bed.

Mattress	Height	Weight	Max load
Opticell Air1 R7	18 cm	9,5 kg	230 kg
Opticell Air1R8	20 cm	10,2 kg	250 kg

