

PRESSURE INJURY PREVENTION

Skin IQ®

Powered coverlet for microclimate management



“Controlling microclimate is an important and often overlooked area of pressure injury prevention”

Dr. Joyce Black, former president, National Pressure Injury Advisory Panel

Skin IQ is a powered coverlet designed to manage heat and moisture levels at the skin's microclimate to enhance the prevention and management of pressure injuries.

Skin IQ is a waterproof yet vapour permeable coverlet that uses Negative Airflow Technology® (NAT) to continually draw away excess moisture and help to control temperature at the skin/surface interface (microclimate), providing a simple yet sophisticated solution to enhance the performance of a support surface with microclimate managing properties.

Intended for single patient use.

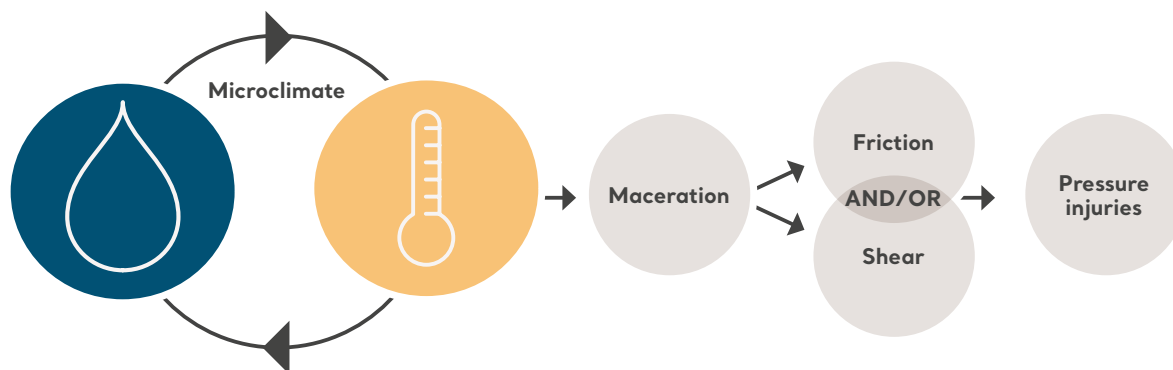
Features and benefits of the Skin IQ range:

- Negative Airflow Technology (NAT) continually draws excess moisture away from the skin/mattress interface.
- Waterproof, vapour-permeable top layer offers a microbial barrier¹ and helps to reduce shear and friction².
- Designed for compatibility with most pressure redistribution mattresses on the market today.
- Integrated Skin IQ power ports are featured on the AtmosAir Velaris® and Auralis® pumps.
- Quick, intuitive setup and maintenance.
- Low profile design.

Bench studies show that the Skin IQ range of powered microclimate management coverlets:

- Removes 3.8 times more moisture at the skin/mattress interface than the same mattress without Skin IQ.³
- Provide a moisture vapour transfer rate (MVTR) of 170 g/m²/hr.³

Enhance your pressure injury prevention strategy with Microclimate Management: The critical link to skin integrity



- Microclimate refers to the conditions of moisture and temperature at the skin/surface interface.⁴
- Microclimate is a key factor for patients at risk of maceration and skin breakdown.
- Excess variation in moisture and/or temperature increases skin sensitivity to the damaging effects of pressure, shear, and friction.⁵

PRODUCT WEIGHT AND DIMENSIONS	
Weight	227 kg (500 lb)
Overall Length	2134 mm (84 in)
Overall Width	914 mm (36 in)
Depth/Height of compatible support surface	178 mm (7 in)
Coverlet Height	6,35 mm (0.25 in)
Unit packaging	Available as a single unit or 4-pack

ELECTRICAL SPECIFICATIONS	
Voltage	100 – 240 VAC
Frequency	50 – 60 Hz
Ampere Rating	0.5 A
Power Supply	DCV, Reusable and cord
Operating Temperature Range	14 – 35 °C (57.2 – 95 °F)
Storage Temperature Range	-29 – 60 °C (20.2 – 140 °F)
Classification	B
Standards	IEC60601-1:2006

References:

1. Arjo Data on File. Mould Resistance Test – Test Report TWNC01189291.
2. Arjo Data on File, Skin IQ Coefficient of Friction – Test Report 100018362 pg. 1.
3. Arjo Data on File, Skin IQ Reusable System Functional Test – Test Report 100014338 pg. 6.
4. European Pressure Ulcer Advisory Panel, National Pressure Injury Advisory Panel & Pan Pacific Pressure Injury Alliance. Prevention and Treatment of Pressure Ulcers/Injuries: The International Guideline 2019. Emily Haesler (Ed). EPUAP/NPIAP/PPPIA, 2019.
5. International Review. Pressure Ulcer Prevention: Pressure, Shear, Friction and Microclimate in Context. A Consensus Document. London: Wounds International, 2010.

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At Arjo, we are committed to improving the everyday lives of people affected by reduced mobility and age-related health challenges. With products and solutions that ensure ergonomic patient handling, personal hygiene, disinfection, diagnostics, and the effective prevention of pressure injury and venous thromboembolism, we help professionals across care environments to continually raise the standard of safe and dignified care. Everything we do, we do with people in mind.

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