



Mistral-Air®

MAKING SUSTAINABLE PROGRESS

TSC Life is on a mission to achieve carbon neutrality by 2050. You can find a summary of our dedication to minimizing the environmental impact of our operations, products, and services, while fostering responsible environmental stewardship.



Operations

The Mistral-Air® warming blankets are manufactured in Almelo, the Netherlands, using sustainable practices:

- **Production Site:** Built in 2021, fully insulated for energy efficiency.
- **Energy:** Powered by 100% European wind energy from Greenchoice.
- **Heat Recovery System:** Reusing production line heat to warm the production site.
- **ISO14001** expected in 2025.



Transport

All our materials are carefully sourced in **Europe within a 480 km radius:**

- **Non-Woven Laminates:** France
- **Raw Materials:** Italy
- **Final products** Blankets and Warming Units: The Netherlands

We promote sustainable commuting:

- **Company Cars:** Only electric or hybrid vehicles for leasing.
- **Public Transport:** Office is located near a train station.
- **Cycling:** Encouraged through the Leasefiets initiative.
- **Online Training:** Reduces the need for travel.

1. User Manual page 52, expected lifetime device.

2. Bair Hugger Service Manual, Bair Hugger Model 775 Warming Unit. 19th ed. Eden Prairie, MN: 3M Health Care; p. 19. & Cincinnati Sub Zero Warmair Model 135 Manual. 4th ed. Cincinnati, OH: Cincinnati Sub Zero Products, Inc.; p. 17.



Product & Packaging

We focus on eco-friendly materials and reduced waste:

- **Lightweight Packaging.**
- **Recycled Content:** Carton boxes made with $\geq 60\%$ recycled materials.
- **Recycling:** Plastic foil waste is collected for recycling.
- **Product Durability:** Mistral-Air® warming unit has a validated 7 year claim.¹
- **Filter Durability:** HEPA filters need replacement every 2000 hours, 4x longer than comparable devices.²



Supplier Engagement

Our supplier selection emphasizes sustainability:

- **ESG Criteria:** Key factor in selecting and engaging with suppliers.
- **Backup Suppliers:** Ensures secure and reliable material supply.
- **Collaborative Efforts:** Working with suppliers to reduce environmental impact.
- **CSRD Due Diligence:** Compulsory Suppliers' input on sustainability topics.



Sustainability Projects

We actively seek to minimize the environmental footprint of Mistral-Air® products using **eco-design principles:**

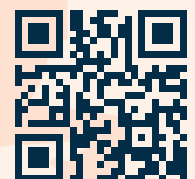
- **Life Cycle Analysis (LCA):** To measure and predict environmental impact.
- **Material Innovation:** Exploring low-impact materials for warming units and blankets.
- **Material Reduction:** Implementing strategies to reduce material use and waste.
- **Recyclable Materials:** Making our packaging materials recyclable.



Key Impact

- **Focus on lightweight, recyclable materials.**
- **100% wind energy powering production.**
- **7-year validated lifespan for Mistral-Air® units.**

Scan QR-code for more information



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