

# TSC LIFE

Innovation with purpose

Single Use Mistral-Air Blankets shall only be used in combination with a Mistral-Air Warming Unit

1. Sessler DI. Perioperative thermoregulation and heat balance. *Lancet*. 2016;387(10038):2655-2664. doi:10.1016/S0140-6736(15)00981-2
2. Uçak A, Tat Çatal A, Karadağ E, Cebeci F. The Effect of Prewarming on Perioperative Hypothermia: A Systematic Review and Meta-analysis of Randomized Controlled Studies. *J Perianesth Nurs*. Published online February 8, 2024. doi:10.1016/j.jopan.2023.11.0033.
3. Kurz A, Sessler DI, Lenhardt R. Perioperative normothermia to reduce the incidence of surgical-wound infection and shorten hospitalization. Study of Wound Infection and Temperature Group. *N Engl J Med*. 1996;334(19):1209-1215. doi:10.1056/NEJM199605093341901
4. World Health Organization. Global guidelines for the prevention of surgical site infection. Geneva: World Health Organization; 2018. Available from: <https://iris.who.int/bitstream/handle/10665/277399/9789241550475-eng.pdf?sequence=1>
5. Filtration HEPA H13 class filter, conform EN 1822-1:2019

The use of our medical equipment is solely intended for the use of healthcare professionals. Healthcare professionals have the obligation to exercise their own professional clinical judgment when determining the suitability of a specific product for treating an individual patient. TSC Life does not provide medical advice and strongly advises healthcare professionals to undergo training on the usage of any specific product before using it. Healthcare professionals should consistently refer to the package insert, product label, and/or instructions for use, including guidelines for cleaning and sterilization (if applicable), before utilizing any product supplied by TSC Life. The information presented aims to display specific products and the extensive range of offerings from TSC Life. Availability of products may vary across markets due to regulatory and/or medical practices specific to each region. For inquiries regarding the availability of specific TSC Life products in your area, please reach out to your TSC Life representative.

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# TSC LIFE



# MISTRAL-AIR®



Complete Forced Air Warming System,  
from Single-use Blankets to Warming Unit

[tsc-life.com](http://tsc-life.com)

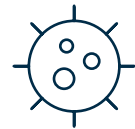
# MISTRAL-AIR®

Mistral-Air® has been designed with simplicity at its core. Maintaining a patient's perioperative normothermia is supported by an effective and efficient convective solution. The Mistral-Air portfolio offers the versatility to meet your insulation and active warming needs, streamlines processes and offers you a cost-effective solution.

## Perioperative Hypothermia

Many of our cellular functions are dependent on temperature.<sup>1</sup> When we are healthy, our bodies are capable of ensuring normothermia in a wide range of environments. When receiving anesthetics however, the bodies thermoregulation capability decreases. As a result, many patients often suffer from inadvertent perioperative hypothermia.<sup>2</sup>

Preventing perioperative hypothermia is not only valuable for ensuring optimal patient comfort in the perioperative setting, but also has clinical and financial benefits:



Reduces the risk of Surgical Site Infections (SSI).<sup>3</sup>



Reduce the length of hospital stay.<sup>3</sup> Thus potentially reducing costs.



Reduces the need for blood transfusion.<sup>1</sup>



Patients are at a vulnerable stage in the perioperative setting, by keeping your patients warm, you keep them comfortable.<sup>1</sup>

## Did you know?

The World Health Organization (WHO) includes patient warming during surgery in their global guidelines for the prevention of SSI.<sup>4</sup>

Focus on your patients' needs with confidence, knowing that Mistral-Air is looking after both of you.

Mistral-Air Warming Unit and Blankets have been crafted in collaboration with Healthcare Professionals (HCPs), so teams can have confidence that their critical warming needs will be met. To enhance HCPs working comfort all Mistral-Air blankets have been designed utilizing insights from aerodynamics, ensuring no floating, no disturbance to OR airflows and no need to weigh the blankets down.

## Comprehensive Mistral-Air Warming Blanket Portfolio

10 Premium Blankets	Premium Warming Blankets have been designed with an insulating reflective top layer, offering maximum warming capacity by reducing radiant heat loss. These versatile blankets offer both active and passive warming to your patients.
13 Plus Blankets	Our standard Warming Blankets offer everything you need, delivering optimal active warming for your patients in the perioperative setting.
6 Neonatal & Paediatric Blankets	For the most vulnerable patients, neonatal & paediatric Warming Blankets have been designed specifically for your smallest patients.
8 Warming Suits	Designed to fully integrate into the perioperative patient journey. The Warming Suits function as a hospital gown during the preoperative phase after which they can be easily adjusted to form a forced air warming blanket during the operative phase.
3 Sterile Blankets	For those complex cases and vulnerable patients where you want to minimize all risks.

2 hose lengths available to further ensure optimal placement.

At the push of a button, Mistral-Air's user-friendly design gives you the power to deliver the correct warming temperature quickly.

With integrated advanced air filtration, you can safely warm your patients with the confidence that 99.95% of particles have been filtered out before reaching the patient.<sup>5</sup>



Mistral-Air Warming Unit  
Art. no. MA1200-US

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