



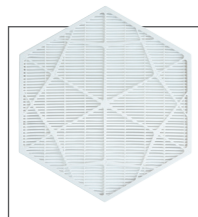
Safe, comfortable & smart Forced Air Warming

Mistral-Air® Forced Air Warming

Preventing inadvertent perioperative hypothermia helps to reduce surgical site infections, the length of hospital stays and the costs per patient. The Mistral-Air® Plus Warming Unit is a Forced Air Warming device which enables **safe, comfortable** and a **smart** management of patient temperature to achieve normothermia.

Mistral-Air® Warming blankets are adaptable to most surgical cases. Safe and comfortable for the patient and a smart system for healthcare professionals.

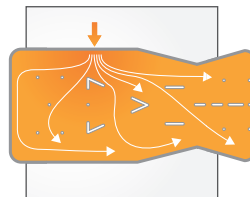
Mistral-Air® warming blankets are aerodynamically designed in order to deliver an even distribution of heat throughout the entire blanket via controlled diffusion. Additional features such as the size, the tuck-in flaps and the attuned blower blanket design make sure the blankets drape perfectly around your patient. It creates a cocoon of warmth, resulting in the **maximal heat transfer** towards the patient which improves your **patient's outcome through effective patient warming**.



Safe



Comfortable



Smart

The 37° Company

Solutions for Patient Warming

Mistral-Air® Warming Blankets

Our complete Blanket portfolio helps healthcare professionals to prevent inadvertent perioperative hypothermia and improve patient outcome. The blanket portfolio consists of Mistral-Air® Premium Blankets and the Mistral-Air® Blankets Plus.

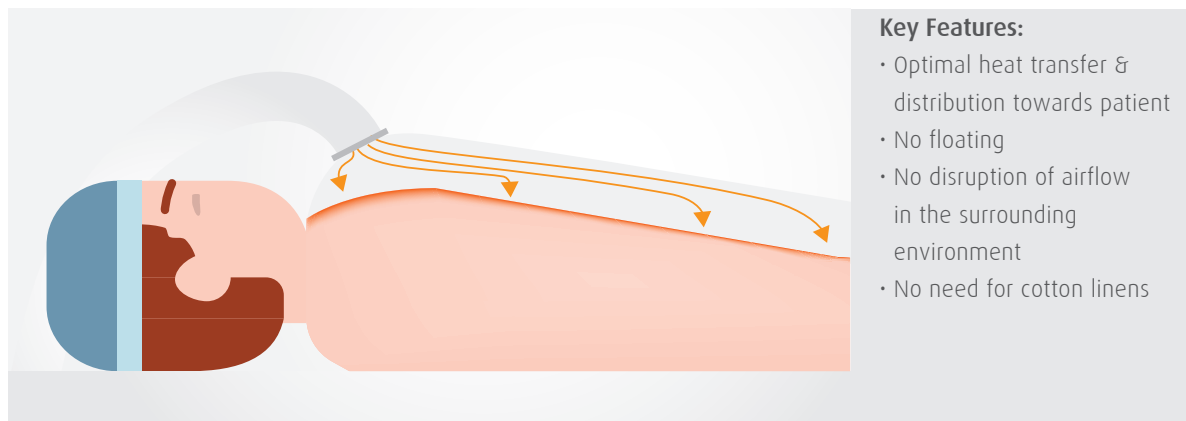


Controlled Diffusion

The controlled diffusion of air combines a **high-volume blower** with a **low-pressure blanket**. The warm air of the high-volume blower is evenly distributed in the warming blanket due to the aerodynamic attuned design of the warming blankets. The warm air is diffused - quietly and evenly - through the specially designed (permeable) material of the Mistral-Air® Warming Blankets on your patient.

This technology eliminates high-pressure, individual jets of air that can blow on patients' skin and cause the blanket to float. The disposable blanket stays in position, keeping warm air on the patient. As a result, there is no

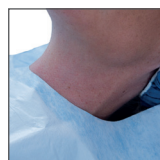
disruption of air flow in the surrounding environment and no cooling effect created by the wind chill. There is no need for cotton liners in addition to position the Forced Air Warming blankets.



Deflection dots



Tuck in flaps



U-Shape neck space



Adhesive tape



Perforated strips

Premium Performance

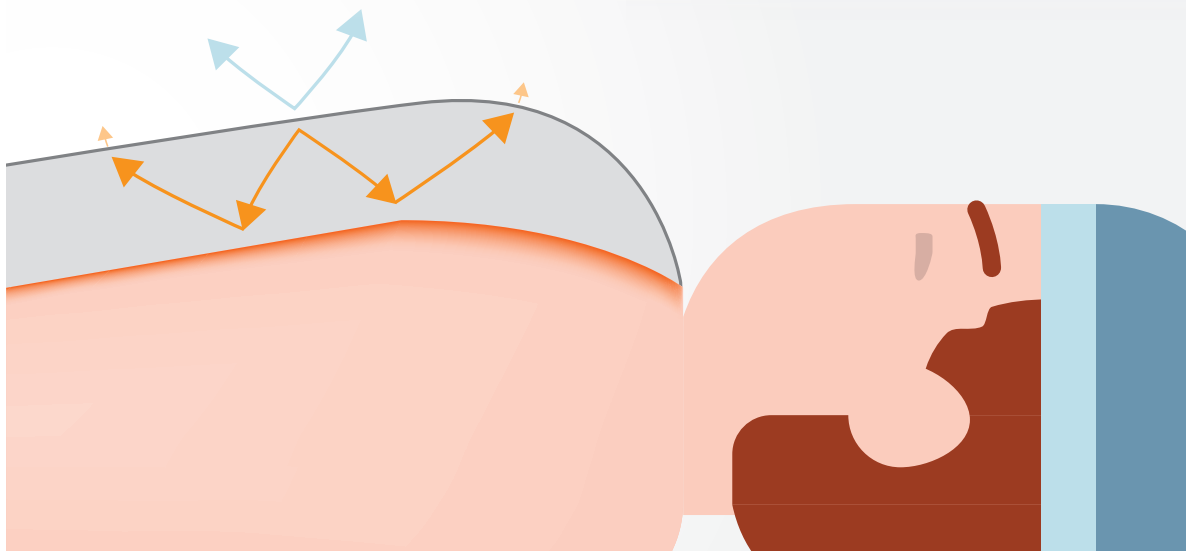
The unique Mistral-Air® Premium Blankets have **an insulating top layer**. It increases the warming capacity with at least **10%** by reducing radiant heat loss.

The Premium Blankets can be used:

- Passively: for the pre- and postoperative phase (patient holds the heat during transit periods when not connected to the blower)
- Actively: during surgery

The Mistral-Air® Premium Blankets are an **all-in-one solution for keeping the patient warm during the entire perioperative pathway.**

Premium blankets may reduce heat loss by up to 80% in the perioperative environment.



Mistral-Air® Warming Suits

The Mistral-Air® Warming suits and the Mistral-Air® Premium warming suits are designed for versatility and adaptability for each phase of the perioperative pathway. The suits can easily be incorporated in the preoperative period by replacing the patient's gown. After pre-warming, they can be used as an upper and/or lower body during the surgery. For both passive and active warming.



- Prevention is the best solution
- Maximal coverage of the skin
- For passive and active warming:
replaces hospital or surgical patients gowns, cottons
linens and Forced Air Warming blankets

'Ideal for pre-warming'

Safe & Optimised Warming Unit

The Mistral-Air® Plus warming unit is uniquely designed to be used in combination with the warming blankets to optimise patient warming throughout the perioperative process. It provides clinically effective warming at a safe temperature to minimise risk to the patient and to maximise performance in the clinical setting.



The Mistral-Air® Plus warming unit:

1. Optimal safe filtration: Premium HEPA filter
2. Immediate start of therapy: Default temperature setting of 38°C
3. Limits concentration & communication errors: Low noise level (46 dB)
4. Built-in safety feature: Over and under temperature alarm



Optimal filtration

To provide optimal safe filtration, the Mistral-Air® Plus warming unit uses a premium HEPA filter. High Efficiency Particulate Air (HEPA) filters are designed to screen particles larger than 0.3 µm with an efficiency of 99.99%. This level of filtration is required for protective clinical environments such as operating rooms. The user will be alerted when the filter needs to be replaced.

Mistral-Air® Plus Warming Unit | Article number MA1100-EU

Voltage, Frequency, Current	220-240VAC, 50/60Hz, 3A
Average power	525W
Dimensions	276mm x 385mm x 239mm
Weight	+/- 6.0kg
Hose length	1.8m
Power cord length	4.0m
Set temperature	32°C, 38°C, 43°C or Ambient Air
Filtration (HEPA)	0.3µm 99.99% / 0.2µm 99.86%
Limited Warranty	2 years
Classification IEC 60601-1	Class I, Body Floating (BF)
Classification IEC 60529	IP21
Classification 93/42/EEC & 2007/47/EC	Class IIb

Mistral-Air® Curved Pole with Basket | Article number MA5100-D

Mistral-Air® Curved Pole with Basket Stainless Steel | Article number MA5100-DW

Dimensions Pole	675mm height, ø 25mm
Dimensions Base	ø 605/620
Castors	5 latex free, with brakes
Basket dimensions	195mm x 295mm x 250mm



Blanket overview

Intraoperative



MA3350 (Premium) / MA2250 (Plus)
Lower Body
 1270 x 1020 mm



MA3360 (Premium) / MA2260 (Plus)
Upper Body
 2010 x 760 mm



MA3365 (Premium) / MA2265 (Plus)
Half Upper Body
 1600 x 760 mm



MA2270 (Plus)
Torso
 1240 x 760 mm



MA2285
Lower Surgical Access
 1650 x 1270 mm



MA2290 / MA2280
Surgical Access / sterile
 2200 x 1270 mm



MA3330 (Premium) / MA2230 (Plus)
Paediatric
 1450 x 1020 mm



MA0510
Tube
 1750 x 150 mm

PACU



MA3320 (Premium) / MA2220 (Plus)
Adult
 2180 x 1270 mm




MA3330 (Premium) / MA2230 (Plus)
Paediatric
 1450 x 1020 mm


Underbody




MA3340 (Premium) / MA2240 (Plus)
Neonatal
 1270 x 640 mm



MA3475 (Premium) / MA2475 (Plus)
Paediatric Underbody
 1675 x 905 mm



MA3400 (Premium) / MA2400 (Plus)
Full Underbody
 2200 x 900 mm




MA3450 (Premium) / MA2450 (Plus)
Half Underbody
 1680 x 900 mm

Suits



MA1610 - Premium Warming Suit S
MA1620 - Premium Warming Suit M
MA1630 - Premium Warming Suit L
MA1640 - Premium Warming Suit XL



MA1710 - Warming Suit S
MA1720 - Warming Suit M
MA1730 - Warming Suit L
MA1740 - Warming Suit XL

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Virtual37[®] Temperature Management Tool

Virtual37 is a Temperature Management Tool. This simulation tool offers an innovative and easy way to understand the impact of the warming balance and the warming decisions taken in surgeries.



The tool has been validated by University Hospital Ghent, Belgium.

The 37Company - Solutions for Patient Warming

Our core business is all about offering solutions for patient warming, about keeping patients at a constant healthy body temperature. The 37Company is working with respected medical professionals to accomplish continuous innovation, improve patient outcome and to reduce health care costs. This by providing training, education and economically justified, best-in-class products.

Fluido[®] and Mistral-Air[®] are registered trademarks of The Surgical Company International B.V.
Fluido[®] products are covered by the following European patents: 1313521 and 1446179.
Mistral-Air[®] Blankets Plus are covered by the following American patent: 12/342,933.

Other patents pending.
Thermoflect[®] is a registered trademark of Encompass Group, LLC.


Mistral-Air[®]
Forced Air Warming


Fluido[®]
Blood and Fluid Warming


Fluido[®] Irrigation
Fluid Warming


Thermoflect[®]
Heat Reflective Technology

The 37[°]Company
Solutions for Patient Warming

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