



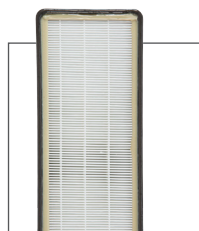
Safe, comfortable & smart Forced Air Warming



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**¹, **comfortable** and **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.

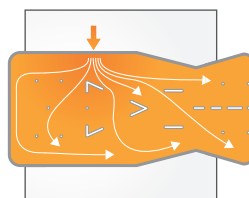
Mistral-Air® Warming Blankets are aerodynamically designed in order to deliver an even distribution of heat throughout the entire blanket via controlled diffusion. Additional features such as the size, the tuck-in flaps and the attuned blower-blanket design make sure the blankets drape perfectly around 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

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.

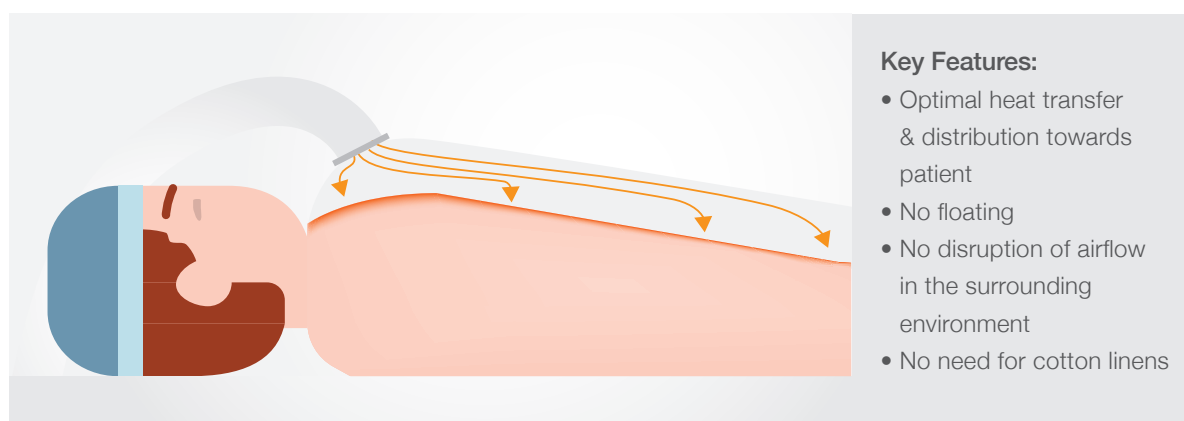


Controlled Diffusion

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 individual, high-pressure 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,

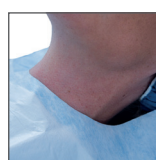
there is no disruption of air flow in the surrounding environment and no cooling effect created by wind chill. There is no need to add cotton linens or other drapes to position the Forced Air Warming blankets.



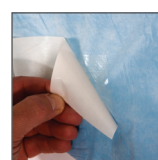
Deflection dots



Tuck in flaps



U-Shape neck space



Adhesive tape



Perforated strips

Premium Performance

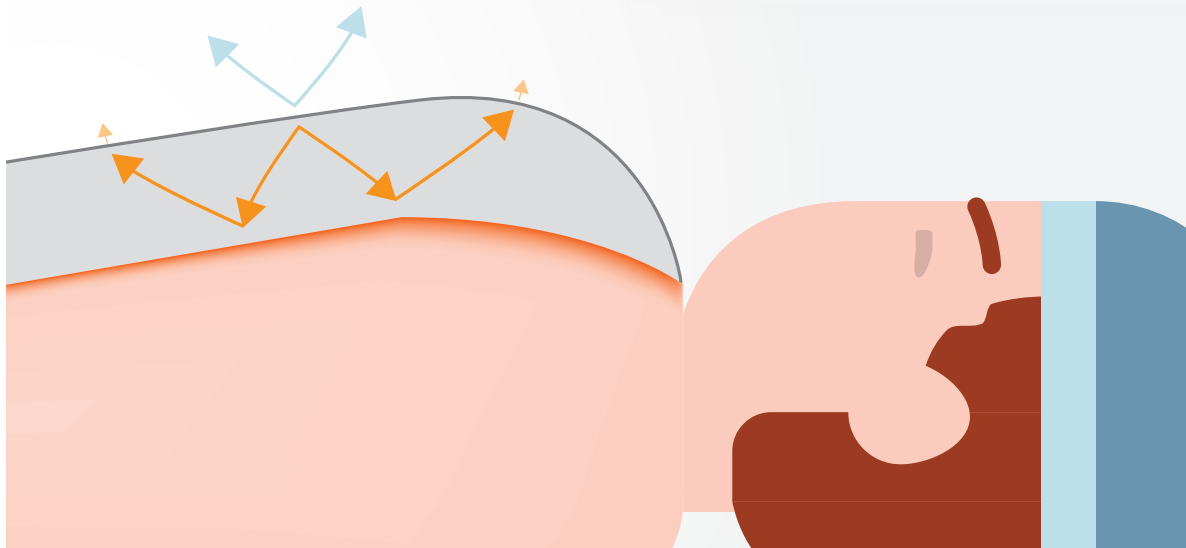
The unique Mistral-Air® Premium Blankets have **an insulating top layer**. It increases the warming capacity with at least **10%** by reducing radiant heat loss.

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: For the pre- and postoperative phase and 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® Forced Air Warming unit complies with the latest market expectations. It allows therapy to start within 30 seconds and is comfortable to handle. The warming unit is lightweight, easy to clean and made of impact resistant material.

Improve patient outcome through safe, comfortable and smart patient warming.

“Mistral-Air® Forced Air Warming solution offers a high-quality range of dedicated products to optimise patient warming throughout the entire perioperative process.”



The Mistral-Air® Forced Air Warming unit:

- Optimised heat transfer due to Multi Sensor Technology & Powerful Fan
- Elimination of air contaminants by the HEPA filter
- Ergonomic and flexible in use as a result of the slim & lightweight design

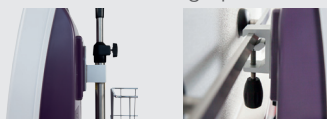


Equipped with a versatile mounting bracket, the slim Mistral-Air® warming unit offers caregivers a diversity to securely position the warming unit across all care areas.

More mounting options! Mistral-Air® Mounting Parts: Art. Number: MA5002

Standard Mounting

Universal mounting options

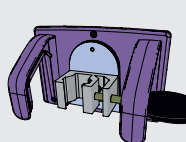


Trolley or IV Pole

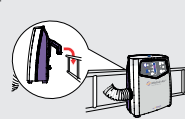
ISO bed rail

Mounting Extension Kit:

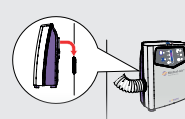
Extend the number of options



Extension Kit



Bed Brackets



Wall Mount Option

Mistral-Air® Warming Unit | Article number MA1200-EU

Voltage, Frequency, Current	220 - 240VAC, 50/60Hz, 3.2A
Average power	600W
Dimensions	160mm x 350mm x 400mm (l x w x h)
Weight	5.2kg
Hose length	1.8m
Power cord length	4.0m
Set temperature	32°C, 38°C, 43°C or Ambient Air
Filtration	HEPA H13 class filter, conform EN 1822-1:2009
Limited Warranty	2 years
Classification IEC 60601-1	Class I, Body Floating (BF)
Classification IEC 60529	IP23
Classification 93/42/EEC	Class IIb

Mistral-Air® Adjustable Pole with Basket | Article number MA5250

Dimensions Pole	685-935mm ± 10mm height, ø 25mm
Dimensions Base	ø 605mm
Castors	5 latex free, with brakes
Basket dimensions	195mm x 295mm x 250mm

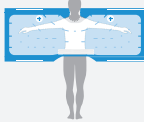


Blanket overview

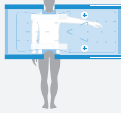
Intraoperative



MA3350 (Premium) / MA2250 (Plus)
Lower Body
1320 x 1330 mm



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



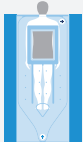
MA3365 (Premium) / MA2265 (Plus)
Half Upper Body
1600 x 760 mm



MA2270 (Plus)
Torso
1240 x 760 mm



MA2285
**Lower Surgical Access
sterile**
1830 x 1330 mm



MA2290 / MA2280
Surgical Access / sterile
2200 x 1330 mm



MA2286
Cardiac / sterile
1700 x 1330 mm



MA3330 (Premium) / MA2230 (Plus)
Paediatric
1660 x 1330 mm

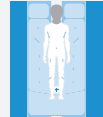


MA0510
Tube
1750 x 150 mm

PACU



MA3320 (Premium) / MA2220 (Plus)
Adult
2270 x 1330 mm

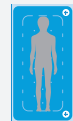


MA3330 (Premium) / MA2230 (Plus)
Paediatric
1660 x 1330 mm

Underbody



MA3340 (Premium) / MA2240 (Plus)
Neonatal
1160 x 1330 mm



MA3475 (Premium) / MA2475 (Plus)
Paediatric Underbody
1680 x 900 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

1. DMT-Test Report No.: APS 2 00 056 17.1 05/2017 | Filter test

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.

Fluidio® and **Mistral-Air®** are registered trademarks of The Surgical Company International B.V.
Fluidio® 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


Fluidio®
Blood and Fluid Warming


Fluidio® Irrigation
Fluid Warming


Thermoflect®
Heat Reflective Technology

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INT/P078-EN/6-07/18