

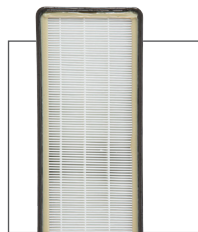


# Safe, comfortable & smart Forced Air Warming



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**<sup>1</sup>, **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.

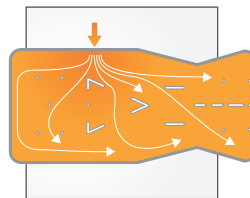
Mistral-Air® Warming Blankets are aerodynamically designed in order to deliver an even distribution of heat throughout the entire blanket via controlled diffusion. Additional features such as the size, the tuck-in flaps and the attuned blower-blanket design make sure the blankets drape perfectly around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

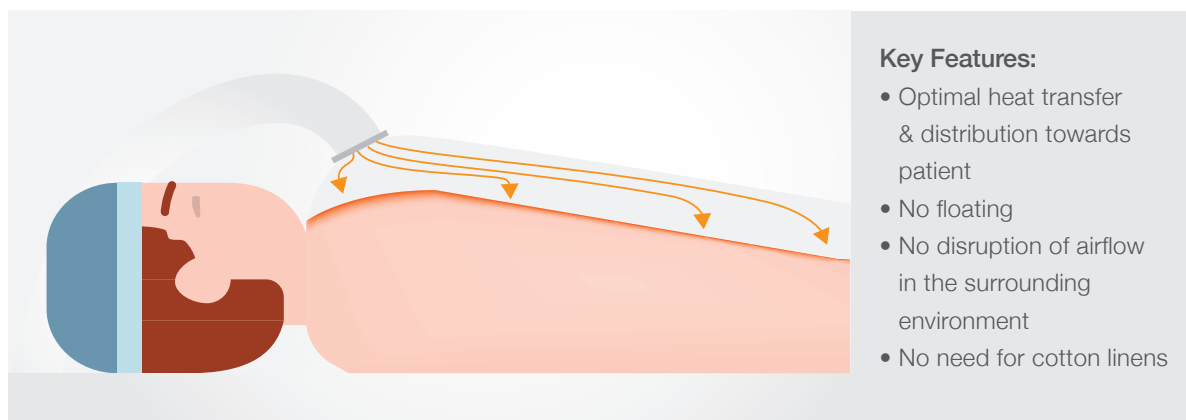


## Controlled Diffusion

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,

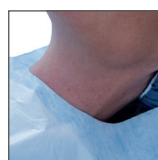
there is no disruption of air flow in the surrounding environment and no cooling effect created by wind chill. There is no need to add cotton linens or other drapes to position the Forced Air Warming blankets.



Deflection dots



Tuck in flaps



U-Shape neck space



Adhesive tape



Perforated strips

# Premium Performance

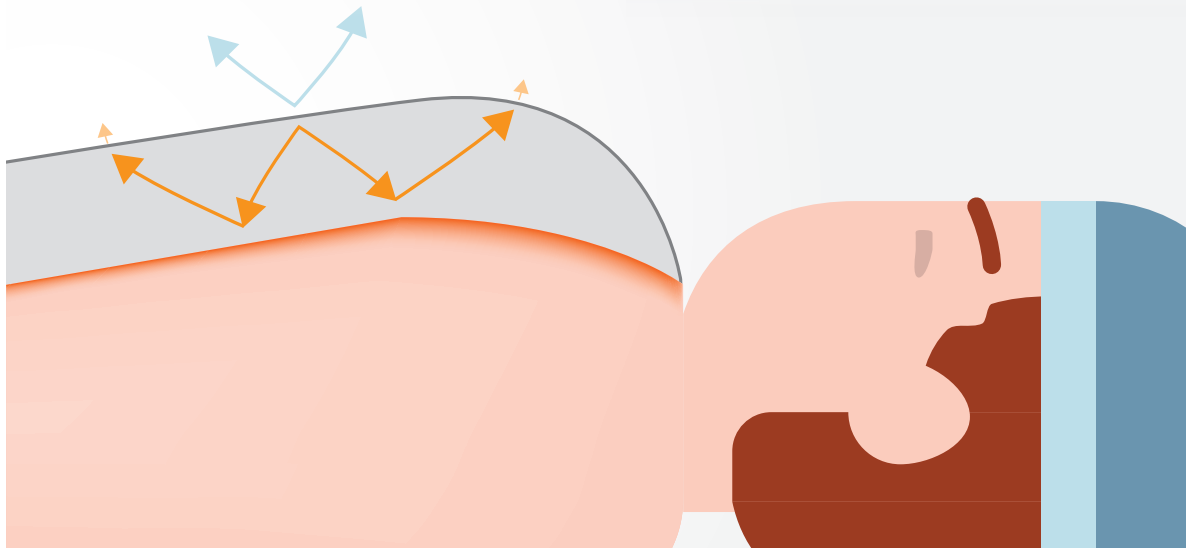
The unique Mistral-Air® Premium Blankets have **an insulating top layer**. It increases the warming capacity with at least **10%** by reducing radiant heat loss.

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



HEPA filter

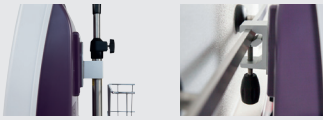
Slim design

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

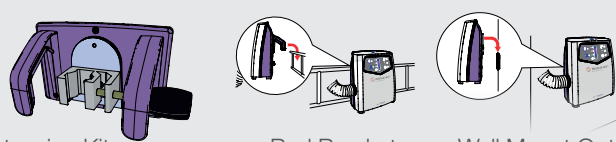


Trolley or IV Pole

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

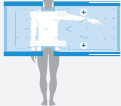
## Intraoperative




**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



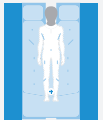
**MA2285**  
**Lower Surgical Access sterile**  
 1830 x 1330 mm



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

Other patents pending.  
Thermoflect<sup>®</sup> is a registered trademark of Encompass Group, LLC.

  
**Mistral-Air<sup>®</sup>**  
Forced Air Warming

  
**Fluido<sup>®</sup>**  
Blood and Fluid Warming

  
**Fluido<sup>®</sup> Irrigation**  
Fluid Warming

  
**Thermoflect<sup>®</sup>**  
Heat Reflective Technology

**The 37<sup>°</sup>Company**  
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