



# Medtronic

# Take comfort – knowing you are covered.

## Calima™ Convective Forced Air Warming System with Complete Blanket Range

It's widely known that inadvertent hypothermia is common among surgical patients and can lead to serious complications. Unwarmed patients can lose up to 1.6°C during the first hour under general anesthesia, as they are unable to regulate their temperature.<sup>1</sup> Forced air warming has proven to be one of the most effective methods of warming a patient to maintain normothermic temperatures and prevent the complications associated with hypothermia. And now maintaining normothermia has never been so easy with our comprehensive portfolio of overbody and underbody blankets – including the WarmTouch™ blankets.

### The Calima™ convective forced air warming system is:

#### Versatile

Three turbine speeds and four temperature settings optimize performance, match power to clinical requirements – and ensure noise levels are kept to a minimum.

#### Compact and robust

It's small and lightweight, making it easy to set up, move, and stabilize when mounted on a trolley, IV pole, or next to the patient.

#### Secure

Built-in mechanisms help ensure accurate temperature control.

#### User friendly

The control panel is easy to use and maintain.

#### Simple connection

Light and flexible hose has a secure clip connector making it easy to connect to the blanket.

### We got you covered

34 types of blankets to choose from – 13 non sterile Calima™, 13 sterile Calima™, and 8 WarmTouch™ blankets suitable for most procedures.

#### Performance

Our blanket range has a specific design and a uniform micro perforation to optimize airflow and heat distribution.

#### Strength

Compliant with compatibility and flammability standards the Polypropylene material is soft, strong, lightweight, and latex free. Rigorously tested to withstand strong adhesive tape removal without ripping. And it's designed for blankets to stay with the patient from the operation room through their recovery.

#### Security

Clip compatible hose provides secure fixation. It enables the hose to be removed without the risk of breaking the entrance seal. Additional security features include pre-cut laces for blanket.

# Calima™\* Convective Forced Air Warming System

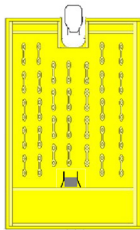
## Blower Specifications



<b>SKU No.</b>	CCALIMA22
<b>Size</b>	280 mm × 284 mm × 283 mm
<b>Weight</b>	6 kg (13.23 lbs.)
<b>Operating temperature/ settings</b>	Ambient, 38 C, 43 C, 45 C boost for 45 mins. (±1 C)
<b>Fan speeds</b>	Low: 9 m/s Medium: 13 m/s High: 16 m/s
<b>Alarms</b>	High temp, overtemp, filter life, no filter
<b>Filter life</b>	1000 hours
<b>Certifications</b>	CE0197, IEC 60601-1 3 <sup>rd</sup> ed

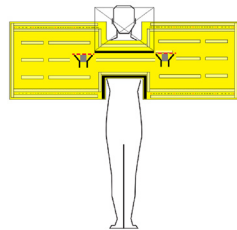
## Blanket Specifications

### Adult Blankets



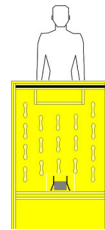
**Adult Full Body\*\***

**CNOFB2**  
**CSOFB2 (sterile)**  
**DIMENSIONS**  
Uninflated  
110 cm W x 213 cm L  
Inflated  
92 cm W x 182 cm L



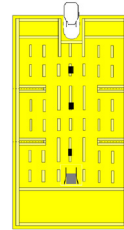
**Adult Upper Body\*\***

**CNOUB2**  
**CSOUB2 (sterile)**  
**DIMENSIONS**  
Uninflated  
203 cm W x 68 cm L  
Inflated  
190 cm W x 55 cm L



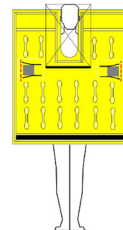
**Adult Lower Body\*\***

**CNOLB2**  
**CSOLB2 (sterile)**  
**DIMENSIONS**  
Uninflated  
108 cm W x 150 cm L  
Inflated  
86 cm W x 140 cm L



**Adult Multi Access\*\***

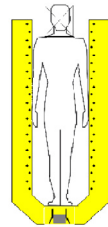
**CNOMA2**  
**CSOMA2 (sterile)**  
**DIMENSIONS**  
Uninflated  
110 cm W x 213 cm L  
Inflated  
107 cm W x 202 cm L



**Adult Dual Port Torso\*\***

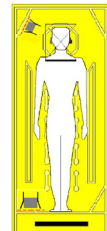
**CNOTO2**  
**CSOTO2 (sterile)**  
**DIMENSIONS**  
Uninflated  
110 cm W x 110 cm L  
Inflated  
105 cm W x 99 cm L

### Adult Speciality Blankets



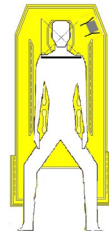
**Adult Cath Lab-perforated**

**CNOCL2**  
**CSOCL2 (sterile)**  
**DIMENSIONS**  
Uninflated  
87 cm W x 180 cm L  
Inflated  
76 cm W x 170 cm L



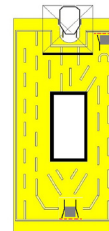
**Adult Underbody**

**CNUAD2**  
**CSUAD2 (sterile)**  
**DIMENSIONS**  
Uninflated  
96 cm W x 218 cm L  
Inflated  
86 cm W x 207 cm L



**Adult Lithotomy Underbody**

**CNULI2**  
**CSULI2 (sterile)**  
**DIMENSIONS**  
Uninflated  
103 cm W x 175 cm L  
Inflated  
76 cm W x 166 cm L

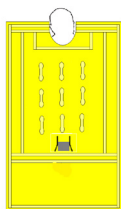


**Adult Surgical Access\*\***

**CNOSA2**  
**CSOSA2 (sterile)**  
**DIMENSIONS**  
Uninflated  
110 cm W x 213 cm L  
Inflated  
109 cm W x 195 cm L

\*\*Comparable WarmTouch™ blanket style available

## Pediatric and Neonatal Blankets



**Pediatric Full Body\*\***

**CNOPE2**  
**CSOPE2 (sterile)**

**DIMENSIONS**

Uninflated  
108 cm W x 150 cm L  
Inflated  
105 cm W x 148 cm L

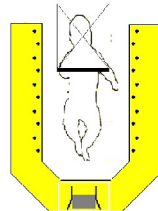


**Pediatric Underbody**

**CNUPE2**  
**CSUPE2 (sterile)**

**DIMENSIONS**

Uninflated  
82 cm W x 162 cm L  
Inflated  
76 cm W x 157 cm L

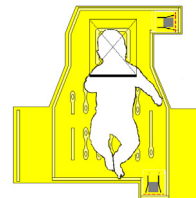


**Pediatric Tube**

**CNOPT2**

**DIMENSIONS**

Uninflated  
87 cm W x 125 cm L  
Inflated  
77 cm W x 123 cm L



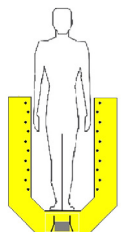
**Neonatal Underbody**

**CNUNN2**  
**CSUNN2 (sterile)**

**DIMENSIONS**

Uninflated  
107 cm W x 110 cm L  
Inflated  
93 cm W x 96 cm L

## Sterile Only Blankets



**Sterile Cardiac Access\*\***

**CSOCA2**

**DIMENSIONS**

Uninflated  
87 cm W x 125 cm L  
Inflated  
77 cm W x 123 cm L

\*\*Comparable WarmTouch™ blanket style available

Now your WarmTouch™ convective warming system blankets are compatible with the Calima™ convective warming blower.

# WarmTouch™ Convective Warming System Blankets

## Blanket Specifications



**WarmTouch™ Full-Body Multi Access Blanket**

Easy access to chest tubes, arteries, and pulse checking.

**5030810**

**DIMENSIONS**

Uninflated  
102 cm W x 201 cm L  
Inflated  
84 cm W x 188 cm L



**WarmTouch™ Upper Body Blanket**

Dual inlets for added flexibility.

**5030870**

**DIMENSIONS**

Uninflated  
208 cm W x 71 cm L  
Inflated  
183 cm W x 61 cm L



**WarmTouch™ Torso Blanket**

Large side flaps to tuck underneath the patient. Dual inlets for added flexibility.

**5030900**

**DIMENSIONS**

Uninflated  
132 cm W x 102 cm L  
Inflated  
113 cm W x 91 cm L



**WarmTouch™ Lower Body Blanket**

Precise, localized warming with adjustable tape positioning.

**5030880**

**DIMENSIONS**

Uninflated  
104 cm W x 142 cm L  
Inflated  
86 cm W x 132 cm L



**WarmTouch™ Cardiac Blanket Sterile**

Unique design to minimize air distribution at patient's feet.

**5030860**

**DIMENSIONS**

Uninflated  
102 cm W x 165 cm L  
Inflated  
86 cm W x 135 cm L



**WarmTouch™ Surgical Access Blanket**

Unique design to accommodate abdominal and spinal procedures.

**5030890**

**DIMENSIONS**

Uninflated  
102 cm W x 201 cm L  
Inflated  
89 cm W x 188 cm L



**WarmTouch™ Pediatric Surgical Blanket**

For over and under body use. Clear plastic head cover to maintain head temperature.

**5030850**

**DIMENSIONS**

Uninflated  
63 cm W x 104 cm L  
Inflated  
56 cm W x 89 cm L



**WarmTouch™ Pediatric Full Body Blanket**

Easy access to chest tubes, arteries, and pulse checking.

**5030840**

**DIMENSIONS**

Uninflated  
76 cm W x 145 cm L  
Inflated  
69 cm W x 124 cm L

# Ordering Information

## Calima™ Convective Forced Air Warming System Blower

SKU NO.	DESCRIPTION	QUANTITY
CCALIMA22	Blower: 220-240V	1/box
CCALIMA221	Blower: 220-240V 6 Meters Hose	1/box
CALSTAND	Blower carrying trolley	1/box

## Blankets

SKU NO.	DESCRIPTION	QUANTITY
CNOFB2	Adult full body	20/case
CNOUB2	Adult upper body	24/case
CNOLB2	Adult lower body	30/case
CNOMA2	Adult multi access	24/case
CNOTO2	Adult dual port torso	30/case
CNOCL2	Adult cath lab, perforated	30/case
CNUAD2	Adult underbody	20/case
CNULI2	Adult lithotomy underbody	30/case
CNOSA2	Adult surgical access	20/case
CNOPE2	Pediatric full body	30/case
CNUPE2	Pediatric underbody	24/case
CNOPT2	Pediatric tube	30/case
CNUNN2	Neonatal underbody	30/case
CSOCA2	Sterile cardiac access	30/case
CSOLB2	Sterile lower body cardiac	30/case
CSUAD2	Sterile adult underbody	20/case
CSOSA2	Sterile surgical access	20/case
CSOCL2	Sterile adult cath lab	30/case
CSOFB2	Sterile adult full body	20/case
CSOMA2	Sterile adult multi access	24/case
CSOUB2	Sterile adult upper body	24/case
CSOPE2	Sterile pediatric full body	30/case
CSOTO2	Sterile adult dual port torso	30/case
CSULI2	Sterile adult lithotomy underbody	30/case
CSUNN2	Sterile neonatal underbody	30/case
CSUPE2	Sterile pediatric underbody	24/case

## WarmTouch™ Blankets

SKU NO.	DESCRIPTION	QUANTITY
5030810	Full-body multi access blanket	25/case
5030870	Upper body blanket	12/case
5030900	Torso blanket	12/case
5030880	Lower body blanket	12/case
5030860	Cardiac blanket, sterile	12/case
5030890	Surgical access, sterile	12/case
5030850	Pediatric surgical blanket	12/case
5030840	Pediatric full body blanket	12/case

Note: The Calima™ warming system is manufactured by Celsius Medical and distributed by Medtronic.

1. Matsukawa T, Sessler DI, Sessler, AM, et al. Heat Flow and Distribution during Induction of General Anesthesia. *Anesthesiology*. 1995; 82:662-673.

©2022 Medtronic. Medtronic, Medtronic logo, and Engineering the extraordinary are trademarks of Medtronic. ™\* Third-party brands are trademarks of their respective owners. All other brands are trademarks of a Medtronic company. EMEA-PM-2100122 - 21-weu-calima-brochure-6206124