

Air-Shields® Resuscitaire®



Optimal Resuscitation

Air-Shields®
A Dräger Medical Brand

family warmth





Family-Centered Care is redefining the approach to the care of neonates. Supported by effective clinical therapies, an atmosphere of family warmth and nurturing can reduce the infant's stay, improve outcomes and lead to a quality of life without limits or compromise.

The Air-Shields® Resuscitaire® Radiant Warmer is designed to meet a wide range of needs in the labor and delivery area, from normal deliveries to emergency resuscitation situations. It can be used by clinicians as a basic warmer to prevent the loss of body heat in newborn infants. When equipped with the Pneumatic Module Option, the Air-Shields® Resuscitaire® becomes a full-featured resuscitation unit, enabling delivery room staff to respond to infants requiring immediate intervention.





The Alarm Free Pre-Warm Mode

The Automatic Pre-Warm mode allows long-term controlled warming of the mattress with no nuisance alarms. The caregivers are more available to deliver care while the Air-Shields® Resuscitaire® maintains mattress warmth and remains “alarm free.”

Microprocessor Control

Three functionally different modes—Automatic Pre-Warm, Manual, and Servo are microprocessor controlled to create and maintain an optimal thermal environment.

The Silica Quartz element

The Silica Quartz element is the fastest heating element in the industry. Whether you initiate the heater for rapid warm up or long term thermoregulation of a compromised newborn, the silica quartz element is superior to all other heating elements on the market. To assure even heat distribution, the warmer module features a parabolic reflector to provide an even distribution of heat across the mattress surface.

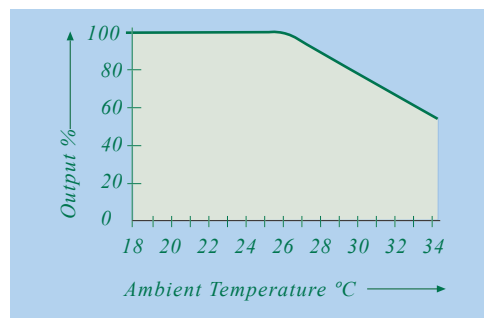


Pivoting Warmer Module

The warmer module easily pivots ±90 degrees from center while continuing to supply heat. The infant is able to receive heat during procedures such as x-ray.

Ambient Temperature Probe

When the unit is in Pre-warm or Manual mode, an independent Ambient Temperature Probe automatically adjusts heater output to maintain a safe and stable mattress temperature. Whenever ambient room temperature exceeds 26° centigrade, heater output will be reduced.



Developmental Alarms

A full complement of alarms are provided for patient safety. The alarm output is initiated quietly and only increases in volume if unattended. The Developmental Alarm feature embraces concepts of Developmental Care, which includes minimizing influences of adverse noise levels in the infant’s environment.

Dual Thermistor Temperature Probe

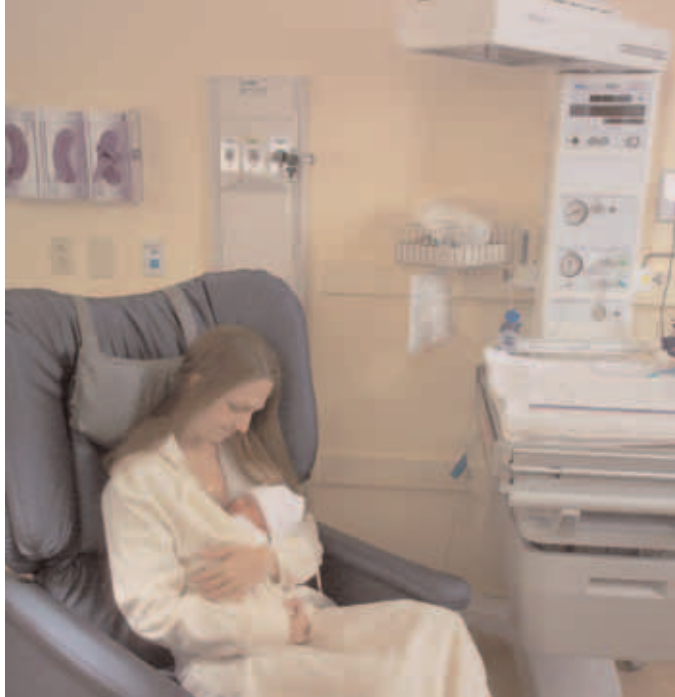
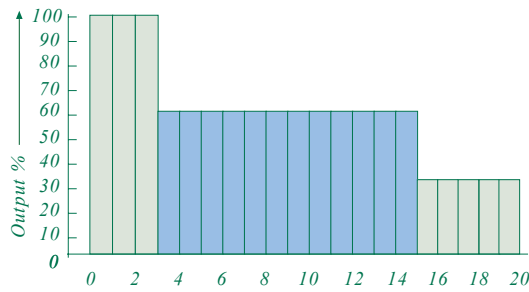
Infant temperature is measured with a dual thermistor in the probe tip to measure & confirm baby’s temperature at frequent intervals. This feature promotes accurate infant warming. Thermoregulation is maximized.

Maximum Storage and Accessibility

With a front access storage compartment, slide-through drawer, optional shelves and instrument trays, the Air-Shields® Resuscitaire® enables easy storage and access. Equipment and accessories are always within easy reach of clinicians.

- Lightweight - the unit starts at 200 pounds (90 KG)
- Easy to disassemble/reassemble – for cleaning.
- Maneuverable – front handle & four swiveling/locking castors

optimal thermal environment



Developmental Care

Kangaroo care (skin to skin contact with mother or dad) can easily take place beside the infant warmer. The warmer will continue to monitor & thermoregulate the neonate with the warmer head swiveled to either side.

Incorporating all of the advanced features of our Resuscitaire Control System, and available with the same integrated pneumatic module options, the The Air-Shields® Resuscitaire® Birthing Room Warmer is capable of the most advanced patient support.

The Air-Shields® Resuscitaire® Birthing Room Warmer utilizes a detachable, high quality wooden cart designed to complement any birthing room or LDRP environment.

- This versatile cart may be used with the radiant warmer as a resuscitation bed, or separately as a mobile bassinet.
- Each cart integrates a front handle for ease of portability, and a pull-out shelf for patient chart notations.
- A locking front drawer can be used for medications
- A slide through access drawer organizes a wide variety of supplies, convenient to either side of the bed.
- Front latch detaches the warmer from the cart

Air-Shields® Resuscitaire® Birthing Room Warmer and carts are available in 3 popular stains:

- Standard Oak
- Natural Oak
- Traditional Cherry





* Available in select markets only

The Air-Shields® Resuscitaire® Wall Mounted Radiant Warmer is supplied complete with Automatic Pre-Warm, Manual and Baby (Servo) modes. Three functionally different control modes provide the clinician the utmost flexibility in creating and maintaining an optimal thermal environment.

- Automatic Pre-Warm, Manual and Baby (Servo) modes of operation
- Powerful, fast quartz heating element
- Warmer head pivots $\pm 90^\circ$ for storage
- Alarms initiate at a low volume and increase in intensity only if unattended
- Our unique Pre-Warm mode allows long-term warming of the mattress with no nuisance alarms.
- Large, bright temperature displays
- Temperature is converted from $^\circ\text{C}$ to $^\circ\text{F}$ by the push of a button.
- A standard digital Apgar timer audibly signals when 1, 5 and 1.0 minutes have elapsed
- A full complement of alarms for patient safety

Note: Warmer must be positioned $29" \pm 0.5"$ above mattress (not supplied in this configuration).

* Available in select markets only. Contact your local representative for availability.

accessories

Accessories

- Organizer tray for Air-Shields® Resuscitaire® slide through drawer MU11132
- Optional X-Ray cassette tray below mattress, accessible from either side MU11101
- Optional instrument trays available for either side of the bed MU11164
- Monitor trays fit either side MU11872
- IV pole fit either side MU11873
- Suction Options
 - Microvolume kit (40ml) MU10916
 - Hydrophobic filters (package of 10) MU10915
 - Micro volume suction bottle (package of 10) MU10917
 - 800ml suction bottle (package of 20) MU10918
 - (package of 100) MU10920
 - Reusable 750ml (each) MU10919
 - Filter for Reusable suction bottle (package of 25) MU10923
- Reusable temperature probes (each) MU11225
- Premi-Probe disposable (skin probe) (package of 10) MU11228
- (package of 100) MU11229
- Disposable breathing circuit 15mm without exhalation valve for use with breathing bag (package of 25) MU10900
- Disposable breathing circuit 15mm with exhalation valve (package of 25) MU10841
- Reusable Circuit & Exhalation (each) MU10846

Technical specifications

Resuscitaire® Radiant Warmer

Width	74.9 cm (29.5 in)
Depth	114.9 cm (45 in)
Height	190.5 cm (75 in)
Weight	91-118 kg (200-260 lbs)

Mattress

Height from floor	100 cm (39.4in)
Thickness	2.54 cm (1.0 in)
Width	53.3 cm (21.0 in)
Length	66.0 cm (26.0 in)
Max. capacity	4.54 kg (15 lb)

Maximum power requirements

Model

100V	100V, 50-60Hz, 750 W
120V	120V, 50-60Hz, 750 W
220/240V	220-240V, 50-60Hz, 750 W

Examination light

Illumination	>0.11 lumens/cm ² (100 ft. Candles)
Quartz bulb type	50W (1,076 lux)

Controller heating alarms

Check patient	15 minutes in Manual Mode
Baby temperature	+/- 1°C from Set Point
High temperature	Skin Temp. 39.0°C +/- 0.2°C
Probe	Short or open circuit / No probe
System fail	Indicates System Fail
Power fail	AC Power Interruption

Alarm silence/reset intervals

Check patient	Resets clock for 15 minutes manual mode
Baby temperature	10 minutes
High temperature	2 minutes
Procedural silence	Presilences baby temp alarm for 5 minutes

Set temperature/heater output

Set temp range	34-38°C (>37.0° override)
Heater output	0-100%, 10% increments
Skin temp display	18-43°C
Accuracy	+/- 0.2°C (31°C to 37°C)

Resuscitation module

Wall supply pressure	40-75 psi (275-517 kPa)
Cylinder pressure	2,900 psi max (19,994 kPa)

Patient gas supply

Flow control range	0-15 LPM
<i>Airway pressure limit-</i>	
Adjustable	0-50 cm H ₂ O (0-4.9 kPa)
Internal preset limit	60 cm H ₂ O (5.9 kPa)
*Verticle height adjustment model	
Height	180-201 cm (71-79 in)
Mattress height	90-109 cm (35-43 in)
Weight	100-127 kg (200-280 lbs)

*UK variants add 5 cm (2 in)

Auxiliary flow circuit

Auxiliary flow range	0-15 LPM
Auxiliary pressure relief-	
Fixed internal	160 cm H ₂ O (15.7 kPa)

Suction circuit

Adjustable	0-150 mmHg (0-20 kPa)
Disposable collection container	50 or 800 ml
Reusable collection container	750 ml

AutoBreath infant resuscitator (optional)

Adjustable breath rate range	18-60 BPM (+/-10% of setting)
I:E ratio	Fixed at 1:2 Nominal

Adjustable positive end expiratory

Pressure (PEEP)	0-18 H ₂ O (0-1.77 kPa)
Gas bleed	5 LPM Max
Precision blender (optional)	21-100% O ₂ +/-3% O ₂

Alerts

Manual mode	System alerts every 30 seconds > 10 minutes, for 15 minutes
Apgar timer	Alerts at 1, 5 and 10 minutes
Timer	Visual timer up to 1 hour
Instrument tray (resuscitaire only)	
Length	33.0 cm (13.0 in)
Width	22.8 cm (9.0 in)
Capacity	2.2 kg (5 lb.)
X-ray cassette tray	
Pocket width	36.8 cm (14.5 in)
Pocket length	27.9 cm (11.0 in)
Thickness	1.9 cm (0.75 in)
IV pole	
Maximum load	2.2 kg (5 lb)
Monitor shelf	
Length	31.75 cm (12.0 in)
Width	40.64 cm (14.0 in)
Maximum load	4.5 kg (10 lb)

Technical specifications (wall mount)

Maximum power requirements

Model	
100v	100v, 50-60 Hz, 750W
120v	120v, 50-60 Hz, 750W
220/240v	220-240v, 50-60 Hz, 750W
Examination light	
Illumination	> 100 Ft. Candles (0.11 Lumens/cm ²)
Specifications	
Length	75.7 cm 29.8in
Width	25.4 cm 10 in
Height	15.2 cm ,6in
Weight	<35.1bs
Controller heating alarms	
Check patient	5 minutes in Manual Mode (alerts every 30 seconds > 10 minutes)
Baby temp	±1°C from Set Point
High temp	Skin Temp 39.0°C ±0.2°C
Probe	Short or open circuit/No probe
System fail	Indicates System Fail
Power fail	AC Power Interruption
Alarm	Silence/Reset Intervals (manual mode)
Check patient	Resets clock for 15 minutes
Baby temp	10 minutes
High temp	2 minutes
Procedural silence	Silences audible Baby Temp alarm for 5 minutes
Set temperature/heater output	
Set temp range	34-38°C (.37.0°C override)
Heater output	0-100%, 10% increments
Skin temp display	18-43°C
Accuracy	±0.2°C (31°C to 37°C)

Europe, Middle East, Africa, Latin America:

Dräger Medical AG & Co. KGaA
 Moislinger Allee 53-55
 23542 Lübeck
 GERMANY
 Tel: +49-1805-3 72 34 37
 +49-451-882-808
 Fax: +49-451-882-37 79
 E-mail: Business.Support@draeger.com

www.draeger-medical.com

North America:

Draeger Medical, Inc.
 3135 Quarry Road
 Telford, PA 18969
 USA
 Tel: +1-215-721-5400
 Toll-free: +1-800-437-2437
 Fax: +1-215-723-5935
 E-mail: wwwinfo@draegermed.com

Asia / Pacific:

Draeger Medical Asia Pacific Ltd.
 Unit 2205, 22nd floor
 Harbour Centre
 25 Harbour Road
 Wanchai
 HONG KONG
 Tel: +852-28 77 30 28
 Fax: +852-28 77 33 37
 E-mail: apinfo@draeger.com.hk