Your complete infant warming solution

Fisher & Paykel Infant Warmers rewarm and stabilize the newborn baby immediately after delivery. The integrated bassinet and optional accessories offer convenient and easy-to-use equipment for optimal thermal care.

Easy-to-Use

- While technologically advanced, we have kept the warmers simple and easy-to-use with one-touch controls.

Warming Without Delay

- The Prewarm Mode allows the warmer to be kept 'baby ready' without nuisance alarms. When needed the warmer provides safe, powerful and controlled warming to restore the temperature drop experienced by the baby immediately after delivery.

Focused Heating

- The small heater makes it easier to work with the baby by efficiently providing even heat distribution across the mattress and not into the surrounding environment.

Configurable

- The modular design of the CosyCot™ Infant Warmers allows for modules and accessories to be installed to suit your needs today and as they change in the future.

Lightweight and Mobile

- The CosyCot™ Infant Warmer can be easily moved throughout the hospital with the optional UPS Battery Module providing continuous power during transport.

185041165 REVH © 2011 Fisher & Paykel Healthcare Limited

Product Specifications

IW930/980 COSYCOT		
Electrical	Supply Voltage	230 ± 20 VAC 120 VAC 100 ± 10 VA
Supply Frequency		50/60 Hz
Irradiance		32m W/cm2 at 100% power at 68 cm (26.8) heater grill to mattress distance
Temperature Range		Set Temp from 34.5°C to 37.5°C in 0.1°C steps Displayed Temperature from 4.0°C to 50.0°C
Temperture Alarm		± 1 from Set Temperature
Heater Rotation		-130 to ± 130° from center position depends on installation
Alarms	Baby Control Check Baby High/Low Temp Sensor Disconnect See Manual Power Fail Sensor Fail	Manual Mode Check Baby See Manual Power Fail Sensor Fail
Certification	IEC 60601-2-21 IEC 60601-1 IEC 60601-1-2 UL 2601-1 AS 3200.1 CAN/CSA C22.2 No. 601.1 EN 60601-1 ISO 8382	
Height		Electric Elevator Module Adjustable from 170 to 186 cm (66.9"-73.2") Preset Height Module 172 (68")
Width		77cm (30.3") exculding shelves
Depth		Electric Elevator Module 110 to 129 cm (43.3"- 50.8") Depends on height and accessories Preset Height Module 103 or 108 cm (41" or 43") Depends on bassinet size
Weight without accessories		Electric Elevator Module - 67 kg (147 lb) (from June 2008) - 60.8 kg (134 lb) (pre June 2008) Preset Height Module 55 kg (121 lb)

www.fphcare.com

F&P CosyCot™

Radiant Infant Warmer

WHAT MAKES OUR WARMERS DIFFERENT

Fisher & Paykel provides the best thermal management systems to ensure that the baby's limited metabolic capacity is used for growth rather than for thermoregulation. For an ideal warming system, ease-of-use is as important as functionality and performance.

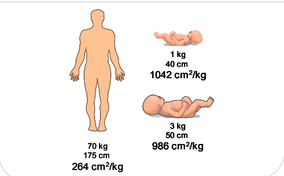
Our infant warmers provide advanced warming capabilities while using one-touch operations to simplify day-to-day use. Choose from the fully featured and easily transported CosyCot™ Infant Warmer for Labor & Delivery and NICU.

Fisher & Paykel HEALTHCARE

Why Infant Warming is Vital

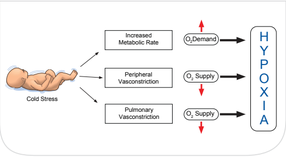
Immediately after delivery the newborn baby experiences some degree of thermal instability as it moves from the warm stable environment of the mother's womb to the cooler environment of the delivery room. Research has shown that any significant fall in the baby's temperature will increase mortality risk[1].

Immediately After delivery



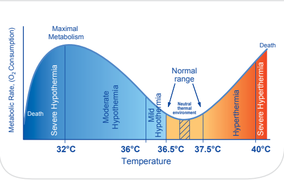
- A newborn baby has around four times greater capacity to lose heat than an adult.
- A newborn baby will lose heat via radiant and convective losses to the cooler environment, evaporative losses through the skin and conductive losses to cooler surfaces.
- A full-term baby's temperature can fall by 1 to 2°C over 30 minutes[2].

The Result of Cold Stress



- Rapid cooling will produce cold stress that can increase the baby's metabolism and oxygen consumption and this may eventually lead to hypoxia.
- The effects of cold stress can be reduced if the baby is promptly returned to thermal stability after delivery with safe, powerful and controlled radiant warming.

The Thermal Neutral Zone

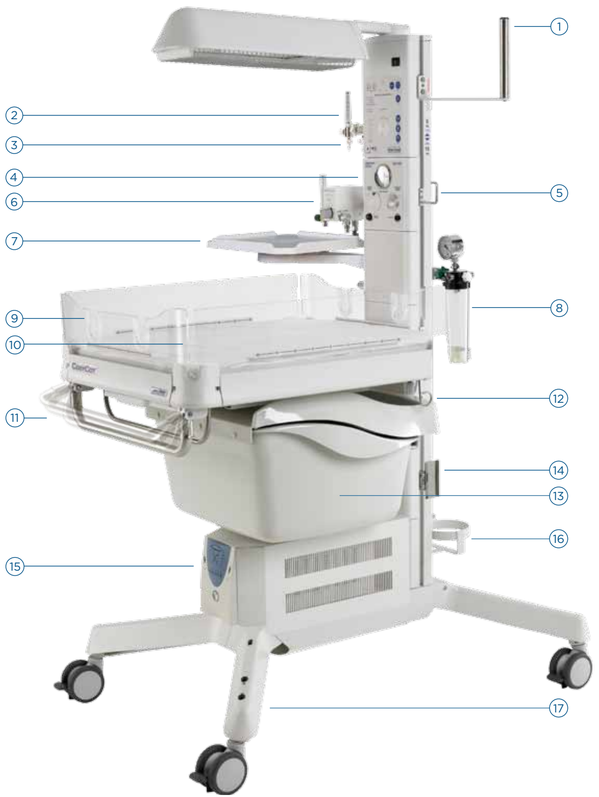


- Thermal stability is essential for every baby, especially those with limited metabolic capacity due to illness, prematurity or low birthweight.
- Both heat stress and cold stress can result in the baby using more of their limited metabolic capacity for thermoregulation and less for growth and survival.
- For optimal thermal stability the baby's temperature must be kept within the Thermal Neutral Zone.

  Research has shown that the Thermal Neutral Zone for preterm babies less than 30 weeks, is less than 0.5°C[3].
- Once stabilized in the Thermal Neutral Zone, energy expenditure and oxygen consumption is minimized promoting optimal growth.

1. Richardson et al (2001) SNAP-II and SNAPPE-II: Simplified newborn illness severity and mortality risk scores. J. Paed:38:92-100
2. Fanaroff and Martin (2002) Neonatal - Perinatal Medicine, Diseases of the Fetus and Infant.7th Edition:1:423-425
3. Wheldon and Hull (1983) Incubation of very immature Infants. Archives of Disease in Childhood.

In Labor & Delivery



1. Short Mounting Pole
2. Gas Accessory Block
3. Single Flowmeter
4. Neopuff™ Infant T-Piece Resuscitator
5. Hose Hook
6. Bird / Biomed Blender
7. Side Shelf
8. Venturi Suction
9. CosyGrip™ Tube Holder
10. CornerGrip™ Tube Holder
11. Transport Handle
12. Accessory Hook
13. Large Storage Bin
14. Suction Canister Mount
15. UPS Battery Module
16. Dual Cylinder Racks
17. Electric Elevator Module

In Neonatal Intensive Care

1. Bent IV Pole
2. Accessory Hook
3. Long Mounting Pole
4. Flowmeter Module
5. neoweigh™ Infant Scale
6. neoBLUE® mini Phototherapy Lamp
7. Neopuff™Infant T-Piece Resuscitator
8. Wall Suction
9. Gas Low Pressure Module
10. CosyGrip™ Tube Holder
11. CornerGrip™ Tube Holder
12. X-Ray Tray
13. Transport Handle
14. Dual Cylinder Rack
15. Suction Canister Mount
16. Large Storage Bin
17. Electric Elevator Module