



The **GE Giraffe OmniBed** is a richly-featured neonatal microenvironment that combines the thermal advantages of a double-walled incubator with the access advantages of an open bed radiant warmer. Conversion between an incubator and an open bed warmer happens in seconds with a touch of a button. In either open or closed bed operation, the OmniBed provides a precise microprocessor controlled thermal support.

Features

- Incubator with an Air Curtain to protect from heat loss
- Radiant warmer that provides consistent heat in any position
- A consistent and controlled thermal environment
- Improved access to patient
- A less stressful environment for the patient and family
- No need to transfer a patient from incubator to infant warmer
- 360-degree rotating patient mattress
- Drop down removable doors and rotating bed provide easy access In-Bed scale



Specifications

Dimensions

Maximum height: Canopy down: 70" (178 cm) Canopy up: 94 in (239 cm)
Minimum height: Canopy down: 60" (152 cm) Canopy up: 82.3 in (209 cm)
Footprint: 45" x 26" (114 cm x 66 cm)
Weight: 328.5 lb. (149kg)
Floor to mattress height: 33" to 43 in (84 cm to 109 cm)
Mattress size: 25.5" x 19.2" (64.8 cm x 48.8 cm)
Access Door Size: 9" x 31" (23 cm x 78 cm)
Drawer Size: 19" x 20" (48 cm x 50 cm)
Drawer Depth: 8" (20 cm)

Physical Characteristics

Full Color Touch Display: 10.4" (26.4cm) LCD
Mattress Tilt Angle: 12°
Micro Filter: 0.5 μ -99.8% efficiency (3M Filtre)
Data Collection: RS-232
Tubing Access Ports: 8

User-Control Settings

Baby (Servo) Temperature Control: 35-37.5°C in 0.1° increments
(Regulates baby temperature in both open and closed bed modes)
Manual Radiant Power Control: 0-100% in 5% increments
Air Temperature Control: 20-39°C in 0.1° increments
Servo Humidity Control Range: 30-95% relative humidity in 5% increments

In-Bed Scale Performance

Accuracy: \pm 0.35oz (10g)
Range: 0.66lbs. to 17.6lb. (300g to 8kg)

Servo Oxygen Control Performance

Control Range: 21% to 65%
Display Range: 16 to 70%
Rise Time: < 10 minutes from 5% below set point in Whisper Quiet Mode after open door
Recovery From Opening Porthole: \leq 5 minutes from closing porthole to 5% below the set point
Alarms: \pm 3% from the set point
Accuracy: 5%



Specifications

Humidifier Performance

Recovery Time: < 15 minutes (typical) Recovery to 75% RH with 39°C air set temperature

Operating Time Between Refills: > 12 hours @ 65% RH control setting in a 25°C/50% RH ambient

Reservoir Capacity: 1000 ml

Servo Control Accuracy: ±10% for settings up to 85%: minimum 75% for settings > 85%

Ramp-up Time: ≤ 50 minutes - Time to reach 75% RH with a 39°C control temp from a cold start in 25° C, 50% RH room

Operating Environment

Temperature: 20° to 30°C

Humidity: 5 to 85% RH (non-condensing)

Air Velocity: Up to 0.3m/sec

Water Ingress: IPX0

Storage/Shipping Information

Temperature: -25° to 60°C

Humidity: ≤ 85% RH (non-condensing)

Pressure: 50-106k Pa

Service and Maintenance

Battery: 8.4V NiMH

Recommended Calibration/Preventative Maintenance Period: Annually

Limited Warranty: One year parts and service *International specification, not available in the USA