NICU Incubator / Infant Warmer

GE GIRAFFE OMNIBED

ABOUT

The **GE Giraffe OmniBed** infant care system is designed to provide both incubator and radiant warmer functionality in a single unit, supporting a wide range of neonatal care needs. This dual-mode design allows caregivers to transition between a closed incubator environment and an open care setting without moving the patient, helping maintain stability during critical care. In incubator mode, the system helps regulate temperature and humidity, while radiant warmer mode provides direct access for procedures and interventions. The OmniBed continuously monitors patient temperature and adjusts output to help maintain consistent thermal conditions. Its design also focuses on accessibility, with multiple access points and adjustable positioning to support clinical workflow.

FEATURES

- **Dual Incubator and Warmer Design:** Combines a closed incubator and open radiant warmer in one system, allowing seamless transition without patient transfer.
- **Advanced Temperature Management:** Continuously monitors and adjusts temperature using patient probes to help maintain stable thermal conditions.
- **Controlled Microenvironment:** Supports both air temperature and humidity regulation in incubator mode for neonatal care.
- **Accessible Patient Care:** Multiple access doors and adjustable bed positioning improve caregiver access during treatment and procedures.
- **User-Friendly Controls:** Integrated display and control system provide clear visibility and straightforward operation.

GE Giraffe OmniBed

SPECIFICATIONS

DIMENSIONS

Canopy closed and bed lowered

Height: 57.9 in (147 cm)

Width: 27.2 in (69 cm)

Depth: 44.1 in (112 cm)

Weight: 284.4 lbs (129 kg)

USER CONTROLS

Patient Control Temperature: 35-37.5°C in 0.1° increments

Air Control Temperature: 20-39°C in 0.1° increments

Radiant Heat Power: 0-100% in 5% increments

Humidity

- **Servo-% Relative Humidity: 30-95% in 5% increments**
- **Manual Increments: 1-10**

WEIGHT SCALE (OPTIONAL)

Functional Range: 300 gm to 8kg

Accuracy: ± 10 gm

Resolution: 10 gm (factory setting) or 5 gm

SYSTEM PERFORMANCE

Control Accuracy: ± 1.0°C

Variability: ± 0.5°C

Warm-up Time: < 50 min.

Patient Measurement Accuracy: ±0.3°C @ 30°C to 42°C

Air Velocity: ≤ 10 cm/sec

CO2 Level: 0.2%

Sound Level: ≤ 49 dbA

HUMIDITY PERFORMANCE

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

Manual Humidity: >75%

Ramp-up Time: <50 Minutes

Operating Time Without Refill: >12 hours