



The GE Ohmeda Care Plus 4000 and its family of incubators deliver superior thermoregulation with an integrated microprocessor-based controller. It features an optional active double wall construction which helps create the precise and consistent environment for the neonate. The Plus 4000 also meets all the practical clinical needs of the healthcare provider including access to the infant.

Features

- Dovetail Rail system
- Standard Humidifier for variable control of humidity
- Care Plus 3000: Three-position tilt for easy, precise adjustment to 0°, 3°, and 6° at either end of the bed
- Care Plus 4000: Continuous Tilt allows smooth, unlimited adjustment from 0° to 12°



Specifications

Dimensions

Incubator with Elevating Base:

Height: Overall height 54 to 62 inches (136.2 to 157.5 cm)

Elevating base adjustable from 35 to 43 inches (88.9 to 109.2 cm) mattress to floor

Depth: 71.1 cm/28 in

Width: 83.8 cm/33 in

Weight: 89 kg/195 lb

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Electrical Power

120 Vac 60Hz

Models: 115 V \pm 10% 5.7 amps

Conforms to IEC 601.1, UL 544 and CSA 22.2 No. 125 requirements

Nominal power consumption: 450 watts at maximum heater output

Line voltage compensation: Input voltage is monitored and the heat output is adjusted to compensate for line voltage variations

Leakage currents: Less than 100 micro amps on 120V units

Leakage at patient probe: Less than 50 micro amps on 120V unit

Operation Environment

Operating temperature range: 20° to 30°C/68° to 86°F

Storage temperature range: -25° to 60°C/13° to 140°F

Operating humidity range: 0 to 90%

System Control Characteristics

Microprocessor based control system: Self-test functions are performed at power-up and during normal operation

Patient Control (Servo) Mode: 35° to 37°C/95° to 98.6°F

Air Control (Manual) Mode: 20° to 37°C/73.4° to 98.6°F

Up to 39°C/102.2°F with control panel override switch

Air Velocity: Average <10 cm/sec with inner wall

Temperature variability: Less than \pm 0.3°C

Resolution: \pm 0.1°C or 0°F

Probe interchangeability: \pm 0.1°C/0.2°F

Average oxygen input concentration range:

5 L/min 25 to 45%

10 L/min 35 to 65%

15 L/min 45 to 70%

Humidification: Standard – 10 to 75% dependant on nursery environment and incubator temperature setting

Servo – 40