GE Healthcare

Care Plus Access Series 3000/4000 Incubators

Description and Application

The Care Plus® Access family of incubators delivers the latest technology for superior thermoregulation with an integrated microprocessor-based controller and optional active double wall construction. This combination helps create the precise and consistent environment so important for the neonate while meeting all of the practical clinical needs of the health care provider including access to the infant.

Care Plus Access Incubator (shown on elevating base)

Technical 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

Incubator with Stationary Pedestal:

Height: 135.9 cm/53 in

Depth: 71.1 cm/28 in

Width: 83.8 cm/33 in

Weight: 80 kg/180 lb

Drawer Packages for Elevating Base or Stationary Pedestal:

Overall: 28 x 29 x 46 cm/11 x 11.5 x 18.25 in

Single deep drawer: 25 x 23 x 42 cm/10 x 9 x 16.5 in

Dual drawer: 11 x 23 x 42 cm/4.5 x 9 x 16.5 in

Incubator with Cabinet:

Height: 141 cm/55 in

Depth: 64.6 cm/25.5 in

Width: 88.9 cm/35 in

Weight: 84 kg/185 lb

Incubator Characteristics:

Casters: 5 inch diameter, 2 locking, 2 non-locking

Mattress: 34.8 x 65 cm/13.7 x 25.6 in

Mattress to Hood: 16 in/41 cm

Door Height: 11 in/28 cm

Tilt: 0°, 3° and 6° (CP 3000)

Positions: Continuous from 0° to 12° (CP 4000)

Port holes: 6

Tubing ports: 6

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imagination at work

Electrical Power Requirements:

120 Vac 60Hz

Models: 115 V ±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 units

Operational 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 ±0.3°C

Resolution: ±0.1°C or 0°F

Probe interchangeability: ±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 to 85% regardless of nursery environment and incubator temperature setting.

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