

RADIATING warmth FRIENDLY to handle

Model No. : **BRV-102**

The **BRV-102** provides radiant warmth for infants suffering from severe heat loss. It is suitable for all environments from labour rooms to neonatal ICUs.

FEATURES

Infrared (IR) radiation is beamed from a quartz heater by a parabolic reflector. This provides uniform warmth rapidly over the bed. The heater can be operated in servo and manual modes.

The height of the heater unit may be adjusted (by qualified engineers) for different bed heights.

The heater unit may be swivelled to accommodate X-ray units.

The **BRV-102** is mounted on castor wheels. The low-shaped base slides under equipment such as different bassinets and the mother's cot.

All the castors are provided with foot-operated brakes. The **BRV-102** may be shifted easily by just one person using the convenient handles.

The infant temperature is measured quickly using a high-sensitivity thermistor probe and displayed on a large, easy-to-read LED display. The display has a battery back-up and indicates the temperatures even during power failures.

The control panel is ergonomically designed with soft-touch keys. This modular panel may be easily removed if servicing is required. An easily accessible quick reference is provided on the side of the **BRV-102**.

The **BRV-102** is equipped with a dazzle-free observation light for examination of the infant.

Optionally Instrument Trays May Be Provided.

The Bravo Plus infant bassinet **BRV-100** or **BRV-103**. is recommended for use the **BRV-102**.



Option 1
INFANT BASSINET **BRV-100**



Option 2
INFANT BASSINET **BRV-103**



BRV-102 with attached Bassinet

INFANT RADIANT WARMER **BRV-102**

Electrical specifications

Operating Voltage*	230V AC~, 50Hz	110VAC~, 60Hz
Power consumption (Max)	800w / 3.4A	800w/ 7A

Heater Power

600w **500w**

Heater – Single element Quartz Infrared heating element placed in a Parabolic Reflector

Manual Mode Heater control range 0% to 100% (in 10% increments)

Heater Life Time 12months

Skin temperature probe

Measuring Temperature Range	15°C to 40°C
Accuracy	± 0.2° C
Resolution	0.1°C
Probe interchangeability	± 0.2°C
Servo mode set temperature range	32°C to 38°C
Need for probe calibration	Not required

Examination lamp

Lamp type	5W LED Lamp
Lamp illumination	90 foot candelas at center of mattress (Mattress 85cm from the heater module)
Lamp life time	2000 hrs

Alarms

Audio and visual alarms

- High temperature (> 0.5°C difference)
- Low infant temperature (< 0.5°C difference)
- Temperature Probe failure
- Heater failure
- Power failure
- System failure
- Time out alarm (Manual mode automatic reduction of heater output at 10 minutes)
- Manual mode alert alarm (every 15min.)
- Over temperature

Over Temperature Protection	Automatic cut-off of heater at 39°C
Temperature Display	Bright 1" numerical LED for displaying infant Temperature Bright 0.5" numerical LED for displaying Set Temperature

Fuse Rating	110V	230V
Main Supply	8A	4A
Examination lamp	2A	2A

Physical Dimension	41.3(L) x 32.3(W) x 76.7(H) inches
Weight	30 Kg

Standard Accessories: IV Pole, Monitor Tray

Optional Accessories: APGAR Timer

Coating: Epoxy / power coated body for scratch protection and rust prevention

* Refer rating plate on the device for operating voltage

Recommended environmental specifications

Operating	Temperature range	18°C to 30°C
	Humidity range	10% to 75% RH
	Atmospheric pressure	700 to 1060 hPa
Transport / Storage	Temperature range	10°C to 60°C
	Humidity range	10% to 90% RH
	Atmospheric pressure	500 to 1060 hPa

Best results in low convective air current

Manufactured to standards

IEC 60601 - 1, IEC 60601 -1 -2, IEC 60601 -2-21

Product classification II b