

# BLOOD BANK / BAG REFRIGERATOR



GENESYS Blood Bank Refrigerators are available in various cabinet sizes designed to fit a variety of space and storage requirements, combined superior refrigeration technology and precise temperature control to ensure reliable blood storage. Genesys Blood Bank Refrigerators are equipped with Heavy-duty compressors and direct air flow Cooling system to maintain a vital operation temperature of 4 °C. Features like CFC Free Poly Urethane Foam insulated cabinet with corrosion resistant stainless steel interior, white powder coated exterior finish, Keyed door lock for improved security with magnetic door gasket, rollout stainless steel blood bag basket, and Air-cooled, hermetically sealed compressor. Also with a positive forced air circulation to maintain temperature uniformity at all shelf levels with +/- 1degree C. 100mm Polyurethane insulated heated transparent glass door for an easy view; 90 minutes of Internal temperature hold over time in case of power failure; Auto-Defrost system; CFC-free R-134a Refrigerant for environmental safety; Perforated stainless steel shelves on the bottom for perfect and homogeneous distribution of cold air.

## TECHNICAL SPECIFICATIONS

- ☒ Temperature Range : 0 to 10°C
- ☒ Micro-controller controls the internal temperature at 4 °C with temperature variation within  $\pm 0.5^{\circ}\text{C}$ .
- ☒ Unique air flow system ensures even temperature distribution.
- ☒ Foamed - in - place CFC Free PUF insulation ensures temperature stability and reduced energy consumption.
- ☒ Audio visual alarm when the temperature deviates from the preset temperature.
- ☒ Built in 7 days circular chart temperature recorder (Thermograph).
- ☒ Stainless steel heavy duty basket ensures even temperature distribution.
- ☒ Suitable to work on 220 to 240 VAC/50-60Hz.
- ☒ Hermetically sealed imported compressor.
- ☒ PT 100 Temperature sensors for temperature monitoring on Microcontroller and for managing use of compressor.
- ☒ User Parameter settings: set point, high alarm point, low alarm point, buzzer off time, Temperature in centigrade
- ☒ Door opening audio and visual display alarm .
- ☒ MCB provided for maximum electrical safety
- ☒ Provided with Castor wheels for easy movement
- ☒ Provided with 1KVA stabilizer (optional)
- ☒ Meets ISO & CE standards

## OPTIONAL FEATURES

- ☐ Full view glass front door is also available.
- ☐ Microprocessor based Multi data logger system
- ☐ RS 232/485 computer connectivity (PC Interface)
- ☐ Mobile alert through GSM
- ☐ Complete with IQ OQ and PQ documentation.
- ☐ Should be provided with a voltage stabilizer (external or inbuilt) of appropriate ratings.
- ☐ Battery back up for temperature display/recording/ alarm system for minimum of 4 hours in case of power failures

## MODEL SELECTION

CATALOG NO.	INTERNAL DIMENSIONS (WDH) IN CM	CAPACITY IN TERMS OF BAGS	TRAYS	VOLTAGE
GBBR - 120	60 X 60 X 60	120	FOUR	230
GBBR - 165	60 X 60 X 75	165	FOUR	230
GBBR - 250	60 X 60 X 90	250	FIVE	230
GBBR - 300	60 X 60 X 100	300	FIVE/SIX	230
GBBR - 600	60 X 60 X 170	600	FIVE/SIX	230