

ISO 9001-2015,WHO, FDA,
European CE Nortified &
ISO-13485 Certified



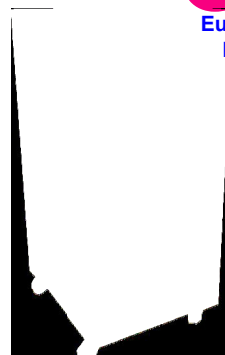
ALPHA^R
SUDARSHAN



Chart Recorder.

ASE-117

CE
European CE
Nortified



ASE-117 Blood Bank Refrigerator ALPHATM

For conserving whole blood and storing it under constant temperature conditions, it is the most versatile unit for blood banks. Mounted on a sturdy angle frame with double wall, inner chamber is made up of stainless steel and outer of CRCA Sheet duly Powder Coated or Complete Stainless Steel as per customer demand. 80 mm PUF Insulations filled between inner and outer chambers to minimize thermal loss.

The unit is provided with a face lifting door with lock and key & Full view heated 100mm polyurethane insulation with glass door with magnetic gasket. Automatic front door closing below a door opening angle of 90°. Internal Light: Provide at the rear of the cabinet. Forced centrifugal air draft Humidity control system for maintaining positive air flow for constant temperature throughout the chamber uniformity of $\pm 1^{\circ}\text{C}$. Condenser Evaporator: for automatic evaporation of the condensate, this collects in a tray, provident at the rear of the cabinet. 2 Temperature sensor: 1 NTC (negative temperature control) sensor, for temperature monitoring shown on front display. 1 NTC (negative temperature control) sensor, for managing, user of compressor. Ideal compressor running time of 27% to 25°C ambient temperature.

The temperature is maintained within 2°C to 6°C with a accuracy, $\pm 0.1^{\circ}\text{C}$. unique airflow system., for storing blood bottles or blood bags. Temperature is controlled by Microprocessor digital Indicator-cum-Controller and triggers the Auto Visual Alarm in the event of fluctuations exceeding permitted tolerance With Low & High Alarm System. 4 hours battery backup for temperature/ power alarm. Sensor: Digital temperature sensor dipped in liquid medium to match the temp. of blood. Independent safety thermostat to avoid negative temperature. Internal temperature hold over time in case of power failure at least 1.5 hours. Unit is also fitted with door operated alarm and power supply failure alarm, as a safety device. Stainless Steel Drawers are provided for holding bags/ bottles. Drainage for safety of whole unit. Fitted with ISI marked Kirlsokar/SHRIRAM make compressor CFC free and has cooling coils running thought the chamber for temperature uniformity with Auto defrost. Built-in temperature recorder having single pen to record seven days temperature -10°C to + 20°C. Whole construction is rat preventive. Complete with 3 KVA Voltage Stabilizer & Caster wheels are provided for easily mobility. To work on 220/230 volts A.C. Supply. *Other changes will be done on request or as per user specification. Blood Bank is Guaranteed for 2 year with free service if required.*

Additional features:

Standby Compressor with digital controller arrangement system if main system failures.

Available in following capacities

(a) 50-60	Blood Bags 450ml	Trays: 3 to 4 Sliding trays (Stainless Steel)
(b) 100-110	Blood Bags 450ml	Trays: 3 to 4 Sliding trays (Stainless Steel)
(c) 140-150	Blood Bags 450ml	Trays: 3 to 4 Sliding trays (Stainless Steel)
(d) 200-250	Blood Bags 450ml	Trays: 4 to 6 Sliding trays (Stainless Steel)
(e) 300-400	Blood Bags 450ml	Trays: 5 to 7 Sliding trays (Stainless Steel)

OPTIONAL ACCESSORIES

- (a) Chart Type Temperature Recorder.
- (b) Temperature Recorder thermal Paper / Digital printing System.
- (c) Servo controlled voltage Stabilizer

Manufactured By : SUDARSHAN CHEMICALS India 324007 0744-2362345, 09414188018

CE, ISO 9001:2015, WHO, FDA & ISO-13485 CERTIFIED
With first prize awarded at Haroti Udyog Mela year 2003