

MODEL NO.: YSI-572**YSI BLOOD BANK REFRIGERATOR**

Environment friendly CFC free refrigerant used PUFF insulated for better cooling efficiency. YSI Blood Bank Refrigerators are most versatile unit for Blood Bank, Specially designed for this purpose. It is available in various capacities for storing the blood bags/bottles of capacity upto 450 ml., in an automatically controlled temperature of 2°C. to 6°C. Forced air circulation ensures uniform temperature. All over inner chamber of the refrigerator is maintained with in prescribed temp of 4°C $\pm$ 2°C and ensure variations at all over inside the cabinet is maintain to within $\pm$ 1°C

Construction : External body is made of M.S. sheet, duly pretreated in 7 process dipping tank and is finished with powder coated paint for lasting finish. Caster wheels provided for easily mobility. Inner chamber is made of high quality stainless steel, highly polished S.S. Sliding trays are provided, for accommodating blood bottles or Blood bags in up right position and to provide air space between bags to avoid sardine effect as per WHO Guide lines.

Cooling System : Cooling is achieved by highly efficient Environment friendly CFC Free refrigeration system using hermetically sealed compressor and other parts. The unit is PUF insulated for better cooling efficiency

Two doors are provided. Inner door is of clear acrylic /plain glass sheet glass for easy viewing inside the chamber. Outer door is made of Double walled insulated inside made of stainless steel & outer body duly powder coated or as optional door is made of toughened glass and duly insulated for proper sealing from external environment and is lockable. Space between two glass doors are kept moisture free.

Std. & Approvals : ISO-9001:2000, WHO-GMP, CE MARKED.

Temperature Control : Temperature inside the chamber is maintained automatically by Digital Temp. Controller-cum-Indicator . Between +2°C for + 6°C with controlling & display resolution of 0.5°C by 4 x7 segment LED Digital temp. sensor dipped in liquid container to match the temp of Blood & is placed on high shelf as suggested in technical mannual M BB 10th Ed.

An audiovisual alarm system is incorporated with battery back up in case of mains failure or temperature variation beyond permitted tolerance or door opening to prevent the spoilage of stored blood bags. Inside illumination is provided for visibility of



bags kept inside the chamber.

Control Panel : All controls such as digital temperature controller-cum indicator, mains switches, indicating lights, battery check switch, Audio visual alarm, & voltmeter are easily accessible.

Power supply : Suitable to work on 220 V, 50Hz, AC supply.

Capacity :

- 85 Ltr— 50 Blood bags
- 165 Ltr— 110 Blood bags
- 200 Ltr— 200 Blood bags
- 280 Ltr— 250 Blood bags
- 400 Ltr— 360 Blood bags

Optional Accessories :

- Weekly temperature recorder
- Voltage stabilizer-3 KVA/4 KVA
- Microprocessor controller along with built in stand by controller
- Display temperature inside the cabinet as well as record the temp on a 7 day chart. Sensor is factory calibrated & matched with indicator controller hence